

## **Appendix B**



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# Air Quality and Greenhouse Gas Emissions Technical Appendix

# 100 East Ocean Blvd

## Environmental Impact Report

### Technical Appendix for Air Quality and Greenhouse Gas Emissions

- Emissions Summary
- CalEEMod Outputs
  - Daily Regional
  - Daily Onsite
  - Annual GHG
- Localized Significance Threshold (LST) Calculation Worksheet
  
- Mat Foundation (Concrete Truck) Calculations
  - Concrete Truck Emissions
  - Emission Factors (Running)
  - Emission Factors (Idle and Start)
  - Emission Factors (Paved Road Dust)

| AQ SUMMARY OF EMISSIONS              |             |                 |              |                 |                  |                   | AQ SUMMARY OF EMISSIONS            |             |                 |              |                 |                  |                   |
|--------------------------------------|-------------|-----------------|--------------|-----------------|------------------|-------------------|------------------------------------|-------------|-----------------|--------------|-----------------|------------------|-------------------|
| Construction Emissions (Unmitigated) |             |                 |              |                 |                  |                   | Construction Emissions (Mitigated) |             |                 |              |                 |                  |                   |
| Regional (Daily) Unmitigated         | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> | Regional (Daily) Mitigated         | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |
| 2020                                 | 5           | 102             | 32           | <1              | 8                | 3                 | 2020                               | 3           | 84              | 38           | <1              | 7                | 2                 |
| 2020 Mat Foundation                  | 8           | 75              | 45           | <1              | 4                | 2                 | 2020 Mat Foundation                | 8           | 75              | 45           | <1              | 4                | 2                 |
| 2021                                 | 8           | 75              | 45           | <1              | 4                | 2                 | 2021                               | 4           | 15              | 34           | <1              | 6                | 2                 |
| 2022                                 | 45          | 16              | 33           | <1              | 6                | 2                 | 2022                               | 45          | 14              | 33           | <1              | 6                | 2                 |
| MAX                                  | 45          | 102             | 45           | <1              | 8                | 3                 | MAX                                | 45          | 84              | 45           | <1              | 7                | 2                 |
| <b>Threshold</b>                     | <b>75</b>   | <b>100</b>      | <b>550</b>   | <b>150</b>      | <b>150</b>       | <b>55</b>         | <b>Threshold</b>                   | <b>75</b>   | <b>100</b>      | <b>550</b>   | <b>150</b>      | <b>150</b>       | <b>55</b>         |
| <b>Difference</b>                    | <b>(30)</b> | <b>2</b>        | <b>(505)</b> | <b>(150)</b>    | <b>(142)</b>     | <b>(52)</b>       | <b>Difference</b>                  | <b>(30)</b> | <b>(16)</b>     | <b>(505)</b> | <b>(150)</b>    | <b>(143)</b>     | <b>(53)</b>       |
| <b>Impact</b>                        | <b>No</b>   | <b>Yes</b>      | <b>No</b>    | <b>No</b>       | <b>No</b>        | <b>No</b>         | <b>Impact</b>                      | <b>No</b>   | <b>No</b>       | <b>No</b>    | <b>No</b>       | <b>No</b>        | <b>No</b>         |
| Percent Reduction:                   |             |                 |              |                 |                  |                   | 0%                                 | -18%        | 0%              | 0%           | -10%            | -22%             |                   |
| Localized (Daily) Unmitigated        | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> | Localized (Daily) Mitigated        | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |
| 2020                                 | 3           | 31              | 19           | <1              | 3                | 1                 | 2020                               | 3           | 17              | 20           | <1              | 1                | <1                |
| 2020 Mat Foundation                  | 3           | 22              | 24           | <1              | 1                | <1                | 2020 Mat Foundation                | 3           | 22              | 24           | <1              | 1                | <1                |
| 2021                                 | 2           | 15              | 19           | <1              | <1               | <1                | 2021                               | 2           | 13              | 19           | <1              | <1               | <1                |
| 2022                                 | 44          | 14              | 19           | <1              | <1               | <1                | 2022                               | 44          | 13              | 19           | <1              | <1               | <1                |
| MAX                                  |             | 31              | 24           | <1              | 3                | 1                 | MAX                                |             | 22              | 24           |                 | 1                | <1                |
| <b>Threshold</b>                     | <b>40</b>   | <b>1180</b>     |              |                 | <b>29</b>        | <b>10</b>         | <b>Threshold</b>                   | <b>40</b>   | <b>1180</b>     |              |                 | <b>29</b>        | <b>10</b>         |
| <b>Difference</b>                    | <b>(9)</b>  | <b>(1,156)</b>  |              |                 | <b>(26)</b>      | <b>(9)</b>        | <b>Difference</b>                  | <b>(18)</b> | <b>(1,156)</b>  |              |                 | <b>(28)</b>      | <b>(9)</b>        |
| <b>Impact</b>                        | <b>No</b>   | <b>No</b>       |              |                 | <b>No</b>        | <b>No</b>         | <b>Impact</b>                      | <b>No</b>   | <b>No</b>       |              |                 | <b>No</b>        | <b>No</b>         |
| Percent Reduction:                   |             |                 |              |                 |                  |                   | -28%                               | 0%          |                 | -60%         | -28%            |                  |                   |

**Operation Emissions (With Project Design Features)**

|                                            |             |                 |              |                 |                  |                   |
|--------------------------------------------|-------------|-----------------|--------------|-----------------|------------------|-------------------|
| Regional Baseline                          | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Area                                       | <1          | <1              | <1           | <1              | <1               | <1                |
| Energy                                     | <1          | <1              | <1           | <1              | <1               | <1                |
| Mobile                                     | <1          | <1              | <1           | <1              | <1               | <1                |
| Emergency Generator                        | <1          | <1              | <1           | <1              | <1               | <1                |
| Total                                      | <1          | <1              | <1           | <1              | <1               | <1                |
| Regional Baseline (Buildout)               | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Area                                       | <1          | <1              | <1           | <1              | <1               | <1                |
| Energy                                     | <1          | <1              | <1           | <1              | <1               | <1                |
| Mobile                                     | <1          | <1              | <1           | <1              | <1               | <1                |
| Emergency Generator                        | <1          | <1              | <1           | <1              | <1               | <1                |
| Total                                      | <1          | <1              | <1           | <1              | <1               | <1                |
| Regional Buildout                          | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Area                                       | 11          | <1              | <1           | <1              | <1               | <1                |
| Energy                                     | <1          | 4               | 4            | <1              | <1               | <1                |
| Mobile                                     | 7           | 30              | 51           | <1              | 9                | 2                 |
| Emergency Generator                        | <1          | 1               | 1            | <1              | <1               | <1                |
| Total                                      | 19          | 35              | 56           | <1              | 9                | 3                 |
| Project Regional (Buildout Less Baseline)  | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Area                                       | 11          | <1              | <1           | <1              | <1               | <1                |
| Energy                                     | <1          | 4               | 4            | <1              | <1               | <1                |
| Mobile                                     | 7           | 30              | 51           | <1              | 9                | 2                 |
| Emergency Generator                        | <1          | 1               | 1            | <1              | <1               | <1                |
| Total                                      | 19          | 35              | 56           | <1              | 9                | 3                 |
| <b>Threshold</b>                           | <b>55</b>   | <b>55</b>       | <b>550</b>   | <b>150</b>      | <b>150</b>       | <b>55</b>         |
| <b>Difference</b>                          | <b>(36)</b> | <b>(20)</b>     | <b>(494)</b> | <b>(150)</b>    | <b>(141)</b>     | <b>(52)</b>       |
| <b>Impact</b>                              | <b>No</b>   | <b>No</b>       | <b>No</b>    | <b>No</b>       | <b>No</b>        | <b>No</b>         |
| Project Localized (Buildout Less Baseline) | ROG         | NO <sub>x</sub> | CO           | SO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Onsite Total                               | 6           | 5               |              |                 | 0                | 0.4               |
| <b>Threshold</b>                           | <b>40</b>   | <b>1180</b>     |              |                 | <b>7.0</b>       | <b>3.0</b>        |
| <b>Difference</b>                          | <b>(34)</b> | <b>(1175)</b>   |              |                 | <b>(7)</b>       | <b>(3)</b>        |
| <b>Impact</b>                              | <b>No</b>   | <b>No</b>       |              |                 | <b>No</b>        | <b>No</b>         |

100 E. Ocean Blvd - Construction - South Coast Air Basin, Winter

**100 E. Ocean Blvd - Construction  
 South Coast Air Basin, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

| Land Uses                      | Size   | Metric   | Lot Acreage | Floor Surface Area | Population |
|--------------------------------|--------|----------|-------------|--------------------|------------|
| Enclosed Parking with Elevator | 151.00 | Space    | 0.85        | 40,593.00          | 0          |
| Hotel                          | 429.00 | Room     | 14.30       | 446,123.00         | 0          |
| Quality Restaurant             | 23.51  | 1000sqft | 0.54        | 23,512.00          | 0          |
| Racquet Club                   | 26.85  | 1000sqft | 0.62        | 26,847.00          | 0          |

**1.2 Other Project Characteristics**

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 31    |
| <b>Climate Zone</b>             | 11                         |                                 |       | <b>Operational Year</b>          | 2022  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 549                        | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics - 2017 Southern California Edison Carbon Intensity
- Land Use - see assumptions
- Construction Phase - see assumptions
- Off-road Equipment -
- Off-road Equipment - see construction assumptions
- Off-road Equipment - see construction assumptions
- Off-road Equipment - see construction assumptions
- Off-road Equipment - see construction assumptions
- Off-road Equipment - see construction assumptions
- Off-road Equipment - see construction assumptions
- Off-road Equipment - see construction assumptions
- Trips and VMT - see construction assumptions
- Demolition - see construction assumptions
- Grading - see construction assumptions
- Vehicle Trips - see assumptions
- Woodstoves - no hearths
- Energy Use - see assumptions
- Construction Off-road Equipment Mitigation - Tier 4 during Grading
- Mobile Land Use Mitigation -
- Area Mitigation -
- Energy Mitigation -
- Water Mitigation -
- Waste Mitigation -
- Stationary Sources - Emergency Generators and Fire Pumps -

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

| Table Name              | Column Name                | Default Value | New Value    |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 2.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 3.00         |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstructionPhase    | NumDays                    | 20.00         | 109.00       |
| tblConstructionPhase    | NumDays                    | 300.00        | 3.00         |
| tblConstructionPhase    | NumDays                    | 300.00        | 44.00        |
| tblConstructionPhase    | NumDays                    | 300.00        | 451.00       |
| tblConstructionPhase    | NumDays                    | 300.00        | 211.00       |
| tblConstructionPhase    | NumDays                    | 20.00         | 25.00        |
| tblConstructionPhase    | NumDays                    | 30.00         | 20.00        |
| tblConstructionPhase    | NumDays                    | 20.00         | 66.00        |
| tblEnergyUse            | T24E                       | 3.92          | 0.43         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | MCY                        | 4.8030e-003   | 4.7660e-003  |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|                     |                            |             |             |
|---------------------|----------------------------|-------------|-------------|
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblGrading          | AcresOfGrading             | 0.00        | 0.85        |
| tblGrading          | MaterialExported           | 0.00        | 23,500.00   |
| tblLandUse          | LandUseSquareFeet          | 60,400.00   | 40,593.00   |
| tblLandUse          | LandUseSquareFeet          | 622,908.00  | 446,123.00  |
| tblLandUse          | LandUseSquareFeet          | 23,510.00   | 23,512.00   |
| tblLandUse          | LandUseSquareFeet          | 26,850.00   | 26,847.00   |
| tblLandUse          | LotAcreage                 | 1.36        | 0.85        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00        | 1.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 2.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 1.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|                           |                            |          |          |
|---------------------------|----------------------------|----------|----------|
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 2.00     |
| tblOffRoadEquipment       | UsageHours                 | 8.00     | 6.00     |
| tblOffRoadEquipment       | UsageHours                 | 8.00     | 6.00     |
| tblOffRoadEquipment       | UsageHours                 | 7.00     | 8.00     |
| tblOffRoadEquipment       | UsageHours                 | 7.00     | 8.00     |
| tblProjectCharacteristics | CO2IntensityFactor         | 702.44   | 549      |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 75.00    |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 75.00    |
| tblTripsAndVMT            | HaulingTripNumber          | 237.00   | 1,250.00 |
| tblTripsAndVMT            | HaulingTripNumber          | 2,938.00 | 2,000.00 |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.00     |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 0.00     |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 50.00    |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 15.00    |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 5.00     |
| tblTripsAndVMT            | VendorTripNumber           | 0.00     | 5.00     |
| tblTripsAndVMT            | VendorVehicleClass         | HDT_Mix  | HHDT     |
| tblTripsAndVMT            | WorkerTripNumber           | 15.00    | 13.00    |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 45.00    | 50.00    |
| tblVehicleEF              | HHD                        | 0.67     | 0.71     |
| tblVehicleEF              | HHD                        | 0.10     | 0.10     |
| tblVehicleEF              | HHD                        | 0.08     | 0.09     |
| tblVehicleEF              | HHD                        | 2.43     | 2.56     |
| tblVehicleEF              | HHD                        | 1.04     | 1.05     |
| tblVehicleEF              | HHD                        | 3.01     | 3.07     |
| tblVehicleEF              | HHD                        | 4,575.00 | 4,614.35 |
| tblVehicleEF              | HHD                        | 1,616.40 | 1,636.80 |
| tblVehicleEF              | HHD                        | 9.63     | 9.65     |
| tblVehicleEF              | HHD                        | 19.99    | 21.22    |
| tblVehicleEF              | HHD                        | 3.61     | 4.00     |
| tblVehicleEF              | HHD                        | 19.66    | 19.68    |
| tblVehicleEF              | HHD                        | 0.01     | 0.02     |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.0100e-004 | 1.0700e-004 |
| tblVehicleEF | HHD | 4.2560e-003 | 4.4990e-003 |
| tblVehicleEF | HHD | 0.60        | 0.64        |
| tblVehicleEF | HHD | 7.3000e-005 | 7.7000e-005 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.5800e-004 | 3.9200e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |
| tblVehicleEF | HHD | 0.04        | 0.04        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4600e-004 | 1.4700e-004 |
| tblVehicleEF | HHD | 1.0100e-004 | 1.0700e-004 |
| tblVehicleEF | HHD | 4.2560e-003 | 4.4990e-003 |
| tblVehicleEF | HHD | 0.70        | 0.74        |
| tblVehicleEF | HHD | 7.3000e-005 | 7.7000e-005 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.5800e-004 | 3.9200e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 0.63        | 0.67        |
| tblVehicleEF | HHD | 0.10        | 0.10        |
| tblVehicleEF | HHD | 0.08        | 0.08        |
| tblVehicleEF | HHD | 1.76        | 1.86        |
| tblVehicleEF | HHD | 1.05        | 1.05        |
| tblVehicleEF | HHD | 2.86        | 2.92        |
| tblVehicleEF | HHD | 4,846.62    | 4,886.91    |
| tblVehicleEF | HHD | 1,616.40    | 1,636.80    |
| tblVehicleEF | HHD | 9.63        | 9.65        |
| tblVehicleEF | HHD | 20.63       | 21.90       |
| tblVehicleEF | HHD | 3.41        | 3.78        |
| tblVehicleEF | HHD | 19.65       | 19.67       |
| tblVehicleEF | HHD | 0.01        | 0.01        |
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.01        | 0.01        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.5900e-004 | 1.6900e-004 |
| tblVehicleEF | HHD | 4.4210e-003 | 4.6790e-003 |
| tblVehicleEF | HHD | 0.57        | 0.60        |
| tblVehicleEF | HHD | 1.1200e-004 | 1.1900e-004 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.5000e-004 | 3.8400e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |
| tblVehicleEF | HHD | 0.04        | 0.05        |



100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4300e-004 | 1.4500e-004 |
| tblVehicleEF | HHD | 1.5900e-004 | 1.6900e-004 |
| tblVehicleEF | HHD | 4.4210e-003 | 4.6790e-003 |
| tblVehicleEF | HHD | 0.66        | 0.70        |
| tblVehicleEF | HHD | 1.1200e-004 | 1.1900e-004 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.5000e-004 | 3.8400e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 0.73        | 0.76        |
| tblVehicleEF | HHD | 0.10        | 0.10        |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 3.34        | 3.52        |
| tblVehicleEF | HHD | 1.04        | 1.05        |
| tblVehicleEF | HHD | 3.03        | 3.09        |
| tblVehicleEF | HHD | 4,199.91    | 4,237.96    |
| tblVehicleEF | HHD | 1,616.40    | 1,636.80    |
| tblVehicleEF | HHD | 9.63        | 9.65        |
| tblVehicleEF | HHD | 19.10       | 20.29       |
| tblVehicleEF | HHD | 3.55        | 3.93        |
| tblVehicleEF | HHD | 19.66       | 19.68       |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 9.9000e-005 | 1.0600e-004 |
| tblVehicleEF | HHD | 4.5600e-003 | 4.8510e-003 |
| tblVehicleEF | HHD | 0.65        | 0.69        |
| tblVehicleEF | HHD | 7.2000e-005 | 7.6000e-005 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.8800e-004 | 4.2400e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |
| tblVehicleEF | HHD | 0.04        | 0.04        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4600e-004 | 1.4800e-004 |
| tblVehicleEF | HHD | 9.9000e-005 | 1.0600e-004 |
| tblVehicleEF | HHD | 4.5600e-003 | 4.8510e-003 |
| tblVehicleEF | HHD | 0.76        | 0.80        |
| tblVehicleEF | HHD | 7.2000e-005 | 7.6000e-005 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.8800e-004 | 4.2400e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | LDA | 4.7320e-003 | 5.2370e-003 |
| tblVehicleEF | LDA | 5.1190e-003 | 5.8590e-003 |
| tblVehicleEF | LDA | 0.61        | 0.66        |
| tblVehicleEF | LDA | 1.10        | 1.22        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 264.52      | 275.64      |
| tblVehicleEF | LDA | 56.84       | 58.98       |
| tblVehicleEF | LDA | 0.05        | 0.05        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.10        | 0.10        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.01        | 0.01        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.6490e-003 | 2.7610e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 6.1000e-004 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.10        | 0.10        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.02        | 0.02        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.08        | 0.09        |
| tblVehicleEF | LDA | 5.0590e-003 | 5.5960e-003 |
| tblVehicleEF | LDA | 4.5320e-003 | 5.1860e-003 |
| tblVehicleEF | LDA | 0.68        | 0.73        |
| tblVehicleEF | LDA | 0.94        | 1.04        |
| tblVehicleEF | LDA | 278.28      | 289.97      |
| tblVehicleEF | LDA | 56.84       | 58.98       |
| tblVehicleEF | LDA | 0.04        | 0.05        |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 0.10        | 0.11        |
| tblVehicleEF | LDA | 0.05        | 0.06        |
| tblVehicleEF | LDA | 0.01        | 0.01        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 2.7880e-003 | 2.9050e-003 |
| tblVehicleEF | LDA | 5.8400e-004 | 6.0700e-004 |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 0.10        | 0.11        |
| tblVehicleEF | LDA | 0.05        | 0.06        |
| tblVehicleEF | LDA | 0.02        | 0.02        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.07        | 0.08        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDA  | 4.6390e-003 | 5.1330e-003 |
| tblVehicleEF | LDA  | 5.2220e-003 | 5.9780e-003 |
| tblVehicleEF | LDA  | 0.59        | 0.63        |
| tblVehicleEF | LDA  | 1.13        | 1.25        |
| tblVehicleEF | LDA  | 260.28      | 271.21      |
| tblVehicleEF | LDA  | 56.84       | 58.98       |
| tblVehicleEF | LDA  | 0.05        | 0.05        |
| tblVehicleEF | LDA  | 0.07        | 0.08        |
| tblVehicleEF | LDA  | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA  | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA  | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA  | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.11        | 0.11        |
| tblVehicleEF | LDA  | 0.03        | 0.04        |
| tblVehicleEF | LDA  | 0.01        | 0.01        |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.07        | 0.08        |
| tblVehicleEF | LDA  | 2.6070e-003 | 2.7160e-003 |
| tblVehicleEF | LDA  | 5.8700e-004 | 6.1100e-004 |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.11        | 0.11        |
| tblVehicleEF | LDA  | 0.03        | 0.04        |
| tblVehicleEF | LDA  | 0.02        | 0.02        |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.08        | 0.09        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 1.50        | 1.65        |
| tblVehicleEF | LDT1 | 2.78        | 3.09        |
| tblVehicleEF | LDT1 | 329.98      | 340.20      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.14        | 0.16        |
| tblVehicleEF | LDT1 | 0.16        | 0.18        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.27        | 0.29        |
| tblVehicleEF | LDT1 | 0.11        | 0.11        |
| tblVehicleEF | LDT1 | 0.03        | 0.04        |
| tblVehicleEF | LDT1 | 0.17        | 0.18        |
| tblVehicleEF | LDT1 | 0.19        | 0.22        |
| tblVehicleEF | LDT1 | 3.3190e-003 | 3.4230e-003 |
| tblVehicleEF | LDT1 | 7.4600e-004 | 7.7000e-004 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.27        | 0.29        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.11        | 0.11        |
| tblVehicleEF | LDT1 | 0.05        | 0.05        |
| tblVehicleEF | LDT1 | 0.17        | 0.18        |
| tblVehicleEF | LDT1 | 0.21        | 0.24        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 1.65        | 1.80        |
| tblVehicleEF | LDT1 | 2.36        | 2.62        |
| tblVehicleEF | LDT1 | 345.91      | 356.62      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.12        | 0.14        |
| tblVehicleEF | LDT1 | 0.15        | 0.17        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.21        | 0.23        |
| tblVehicleEF | LDT1 | 0.29        | 0.31        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.04        | 0.04        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.17        | 0.19        |
| tblVehicleEF | LDT1 | 3.4800e-003 | 3.5890e-003 |
| tblVehicleEF | LDT1 | 7.3900e-004 | 7.6200e-004 |
| tblVehicleEF | LDT1 | 0.21        | 0.23        |
| tblVehicleEF | LDT1 | 0.29        | 0.31        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.05        | 0.06        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.18        | 0.21        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 1.46        | 1.60        |
| tblVehicleEF | LDT1 | 2.85        | 3.17        |
| tblVehicleEF | LDT1 | 324.92      | 335.00      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.14        | 0.15        |
| tblVehicleEF | LDT1 | 0.16        | 0.18        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.31        | 0.33        |
| tblVehicleEF | LDT1 | 0.10        | 0.11        |
| tblVehicleEF | LDT1 | 0.03        | 0.04        |
| tblVehicleEF | LDT1 | 0.20        | 0.21        |
| tblVehicleEF | LDT1 | 0.20        | 0.22        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 3.2670e-003 | 3.3700e-003 |
| tblVehicleEF | LDT1 | 7.4700e-004 | 7.7200e-004 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.31        | 0.33        |
| tblVehicleEF | LDT1 | 0.10        | 0.11        |
| tblVehicleEF | LDT1 | 0.05        | 0.05        |
| tblVehicleEF | LDT1 | 0.20        | 0.21        |
| tblVehicleEF | LDT1 | 0.21        | 0.24        |
| tblVehicleEF | LDT2 | 6.5030e-003 | 7.0730e-003 |
| tblVehicleEF | LDT2 | 6.3830e-003 | 7.2060e-003 |
| tblVehicleEF | LDT2 | 0.79        | 0.84        |
| tblVehicleEF | LDT2 | 1.35        | 1.49        |
| tblVehicleEF | LDT2 | 369.75      | 383.00      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.08        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.09        | 0.10        |
| tblVehicleEF | LDT2 | 3.7040e-003 | 3.8370e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 8.3500e-004 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.03        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.09        | 0.11        |
| tblVehicleEF | LDT2 | 6.9410e-003 | 7.5460e-003 |
| tblVehicleEF | LDT2 | 5.6550e-003 | 6.3840e-003 |
| tblVehicleEF | LDT2 | 0.88        | 0.94        |
| tblVehicleEF | LDT2 | 1.16        | 1.28        |
| tblVehicleEF | LDT2 | 388.22      | 402.13      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.08        | 0.09        |
| tblVehicleEF | LDT2 | 3.8890e-003 | 4.0290e-003 |
| tblVehicleEF | LDT2 | 8.0300e-004 | 8.3200e-004 |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.03        | 0.03        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.08        | 0.09        |
| tblVehicleEF | LDT2 | 6.3770e-003 | 6.9360e-003 |
| tblVehicleEF | LDT2 | 6.5100e-003 | 7.3510e-003 |
| tblVehicleEF | LDT2 | 0.77        | 0.82        |
| tblVehicleEF | LDT2 | 1.39        | 1.53        |
| tblVehicleEF | LDT2 | 363.95      | 376.98      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.04        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.09        | 0.10        |
| tblVehicleEF | LDT2 | 3.6450e-003 | 3.7760e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 8.3600e-004 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.04        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.03        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.82        | 0.91        |
| tblVehicleEF | LHD1 | 2.61        | 2.82        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 1.18        | 1.29        |
| tblVehicleEF | LHD1 | 1.00        | 1.05        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 3.1050e-003 | 3.2410e-003 |
| tblVehicleEF | LHD1 | 0.10        | 0.10        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9050e-003 |
| tblVehicleEF | LHD1 | 0.06        | 0.07        |
| tblVehicleEF | LHD1 | 0.30        | 0.31        |
| tblVehicleEF | LHD1 | 0.26        | 0.28        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 3.8800e-004 |
| tblVehicleEF | LHD1 | 3.1050e-003 | 3.2410e-003 |
| tblVehicleEF | LHD1 | 0.10        | 0.10        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9050e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.30        | 0.31        |
| tblVehicleEF | LHD1 | 0.28        | 0.31        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.83        | 0.93        |
| tblVehicleEF | LHD1 | 2.49        | 2.69        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.11        | 1.21        |
| tblVehicleEF | LHD1 | 0.95        | 1.01        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 4.7620e-003 | 4.9770e-003 |
| tblVehicleEF | LHD1 | 0.11        | 0.11        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 2.7490e-003 | 2.8490e-003 |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 0.30        | 0.30        |
| tblVehicleEF | LHD1 | 0.25        | 0.27        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7200e-004 | 3.8600e-004 |
| tblVehicleEF | LHD1 | 4.7620e-003 | 4.9770e-003 |
| tblVehicleEF | LHD1 | 0.11        | 0.11        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 2.7490e-003 | 2.8490e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.30        | 0.30        |
| tblVehicleEF | LHD1 | 0.27        | 0.30        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.82        | 0.91        |
| tblVehicleEF | LHD1 | 2.62        | 2.83        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.16        | 1.27        |
| tblVehicleEF | LHD1 | 1.00        | 1.06        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 3.2410e-003 | 3.4040e-003 |
| tblVehicleEF | LHD1 | 0.12        | 0.12        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9090e-003 |
| tblVehicleEF | LHD1 | 0.06        | 0.07        |
| tblVehicleEF | LHD1 | 0.33        | 0.34        |
| tblVehicleEF | LHD1 | 0.26        | 0.28        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 3.8900e-004 |
| tblVehicleEF | LHD1 | 3.2410e-003 | 3.4040e-003 |
| tblVehicleEF | LHD1 | 0.12        | 0.12        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9090e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |



100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.33        | 0.34        |
| tblVehicleEF | LHD1 | 0.28        | 0.31        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.1770e-003 | 4.8360e-003 |
| tblVehicleEF | LHD2 | 8.3290e-003 | 9.6030e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.40        |
| tblVehicleEF | LHD2 | 1.31        | 1.43        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.79        | 0.92        |
| tblVehicleEF | LHD2 | 0.55        | 0.60        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.1420e-003 | 1.2560e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 7.3400e-004 | 7.8900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.11        | 0.13        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 3.0700e-004 |
| tblVehicleEF | LHD2 | 1.1420e-003 | 1.2560e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 7.3400e-004 | 7.8900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.2300e-003 | 4.9030e-003 |
| tblVehicleEF | LHD2 | 8.0420e-003 | 9.2650e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.41        |
| tblVehicleEF | LHD2 | 1.25        | 1.37        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.75        | 0.87        |
| tblVehicleEF | LHD2 | 0.53        | 0.57        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.7400e-003 | 1.9160e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 1.0770e-003 | 1.1630e-003 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.11        | 0.12        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9400e-004 | 3.0500e-004 |
| tblVehicleEF | LHD2 | 1.7400e-003 | 1.9160e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 1.0770e-003 | 1.1630e-003 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.1650e-003 | 4.8210e-003 |
| tblVehicleEF | LHD2 | 8.3690e-003 | 9.6490e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.40        |
| tblVehicleEF | LHD2 | 1.31        | 1.44        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.78        | 0.91        |
| tblVehicleEF | LHD2 | 0.55        | 0.60        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.2860e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.05        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 7.2200e-004 | 7.7900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.09        | 0.10        |
| tblVehicleEF | LHD2 | 0.11        | 0.13        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 3.0700e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.2860e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.05        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 7.2200e-004 | 7.7900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.09        | 0.10        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | MCY  | 0.51        | 0.51        |
| tblVehicleEF | MCY  | 0.15        | 0.15        |
| tblVehicleEF | MCY  | 18.80       | 19.07       |
| tblVehicleEF | MCY  | 9.65        | 9.63        |
| tblVehicleEF | MCY  | 183.48      | 182.98      |
| tblVehicleEF | MCY  | 44.84       | 45.23       |
| tblVehicleEF | MCY  | 1.13        | 1.13        |
| tblVehicleEF | MCY  | 0.31        | 0.31        |
| tblVehicleEF | MCY  | 2.2940e-003 | 2.2410e-003 |
| tblVehicleEF | MCY  | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY  | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY  | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY  | 1.14        | 1.14        |
| tblVehicleEF | MCY  | 0.67        | 0.68        |
| tblVehicleEF | MCY  | 0.68        | 0.68        |
| tblVehicleEF | MCY  | 2.48        | 2.50        |
| tblVehicleEF | MCY  | 0.62        | 0.64        |
| tblVehicleEF | MCY  | 2.05        | 2.06        |
| tblVehicleEF | MCY  | 6.6700e-004 | 6.7000e-004 |
| tblVehicleEF | MCY  | 1.14        | 1.14        |
| tblVehicleEF | MCY  | 0.67        | 0.68        |
| tblVehicleEF | MCY  | 0.68        | 0.68        |
| tblVehicleEF | MCY  | 3.09        | 3.10        |
| tblVehicleEF | MCY  | 0.62        | 0.64        |
| tblVehicleEF | MCY  | 2.23        | 2.25        |
| tblVehicleEF | MCY  | 0.50        | 0.50        |
| tblVehicleEF | MCY  | 0.13        | 0.13        |
| tblVehicleEF | MCY  | 18.21       | 18.47       |
| tblVehicleEF | MCY  | 8.85        | 8.84        |
| tblVehicleEF | MCY  | 183.48      | 182.98      |
| tblVehicleEF | MCY  | 44.84       | 45.23       |
| tblVehicleEF | MCY  | 0.98        | 0.99        |
| tblVehicleEF | MCY  | 0.29        | 0.29        |
| tblVehicleEF | MCY  | 2.2940e-003 | 2.2410e-003 |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY | 1.89        | 1.89        |
| tblVehicleEF | MCY | 0.77        | 0.78        |
| tblVehicleEF | MCY | 1.19        | 1.20        |
| tblVehicleEF | MCY | 2.43        | 2.44        |
| tblVehicleEF | MCY | 0.59        | 0.60        |
| tblVehicleEF | MCY | 1.83        | 1.84        |
| tblVehicleEF | MCY | 2.2060e-003 | 2.2050e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 6.5100e-004 |
| tblVehicleEF | MCY | 1.89        | 1.89        |
| tblVehicleEF | MCY | 0.77        | 0.78        |
| tblVehicleEF | MCY | 1.19        | 1.20        |
| tblVehicleEF | MCY | 3.02        | 3.03        |
| tblVehicleEF | MCY | 0.59        | 0.60        |
| tblVehicleEF | MCY | 1.99        | 2.00        |
| tblVehicleEF | MCY | 0.51        | 0.51        |
| tblVehicleEF | MCY | 0.15        | 0.15        |
| tblVehicleEF | MCY | 18.82       | 19.09       |
| tblVehicleEF | MCY | 9.73        | 9.71        |
| tblVehicleEF | MCY | 183.48      | 182.98      |
| tblVehicleEF | MCY | 44.84       | 45.23       |
| tblVehicleEF | MCY | 1.10        | 1.10        |
| tblVehicleEF | MCY | 0.31        | 0.31        |
| tblVehicleEF | MCY | 2.2940e-003 | 2.2410e-003 |
| tblVehicleEF | MCY | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY | 1.26        | 1.26        |
| tblVehicleEF | MCY | 0.87        | 0.89        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 2.49        | 2.51        |
| tblVehicleEF | MCY | 0.71        | 0.73        |
| tblVehicleEF | MCY | 2.08        | 2.09        |
| tblVehicleEF | MCY | 2.2180e-003 | 2.2170e-003 |
| tblVehicleEF | MCY | 6.6900e-004 | 6.7300e-004 |
| tblVehicleEF | MCY | 1.26        | 1.26        |
| tblVehicleEF | MCY | 0.87        | 0.89        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 3.10        | 3.11        |
| tblVehicleEF | MCY | 0.71        | 0.73        |
| tblVehicleEF | MCY | 2.27        | 2.28        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.02        |
| tblVehicleEF | MDV | 1.28        | 1.48        |
| tblVehicleEF | MDV | 2.55        | 2.84        |
| tblVehicleEF | MDV | 499.94      | 515.84      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.14        | 0.16        |
| tblVehicleEF | MDV | 0.23        | 0.26        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.16        | 0.17        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.19        | 0.22        |
| tblVehicleEF | MDV | 5.0080e-003 | 5.1700e-003 |
| tblVehicleEF | MDV | 1.0890e-003 | 1.1250e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.16        | 0.17        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.05        | 0.06        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.21        | 0.24        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 1.42        | 1.62        |
| tblVehicleEF | MDV | 2.17        | 2.43        |
| tblVehicleEF | MDV | 524.64      | 541.35      |
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.12        | 0.14        |
| tblVehicleEF | MDV | 0.21        | 0.24        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.12        | 0.12        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.17        | 0.19        |
| tblVehicleEF | MDV | 5.2560e-003 | 5.4270e-003 |
| tblVehicleEF | MDV | 1.0820e-003 | 1.1180e-003 |
| tblVehicleEF | MDV | 0.12        | 0.12        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.05        | 0.06        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.19        | 0.21        |
| tblVehicleEF | MDV | 0.01        | 0.01        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.01        | 0.02        |
| tblVehicleEF | MDV | 1.24        | 1.43        |
| tblVehicleEF | MDV | 2.61        | 2.91        |
| tblVehicleEF | MDV | 492.31      | 507.96      |
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.14        | 0.16        |
| tblVehicleEF | MDV | 0.23        | 0.26        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.20        | 0.22        |
| tblVehicleEF | MDV | 4.9310e-003 | 5.0910e-003 |
| tblVehicleEF | MDV | 1.0900e-003 | 1.1270e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.04        | 0.05        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.22        | 0.25        |
| tblVehicleEF | MH  | 0.03        | 0.03        |
| tblVehicleEF | MH  | 0.02        | 0.03        |
| tblVehicleEF | MH  | 2.16        | 2.62        |
| tblVehicleEF | MH  | 5.62        | 6.15        |
| tblVehicleEF | MH  | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH  | 59.31       | 59.77       |
| tblVehicleEF | MH  | 1.21        | 1.30        |
| tblVehicleEF | MH  | 0.79        | 0.84        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 0.02        | 0.03        |
| tblVehicleEF | MH  | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH  | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH  | 1.02        | 1.12        |
| tblVehicleEF | MH  | 0.07        | 0.08        |
| tblVehicleEF | MH  | 0.42        | 0.46        |
| tblVehicleEF | MH  | 0.08        | 0.10        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.32        | 0.35        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 6.9100e-004 | 7.0500e-004 |
| tblVehicleEF | MH  | 1.02        | 1.12        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |    |             |             |
|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.42        | 0.46        |
| tblVehicleEF | MH | 0.12        | 0.14        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.35        | 0.39        |
| tblVehicleEF | MH | 0.03        | 0.03        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 2.23        | 2.70        |
| tblVehicleEF | MH | 5.28        | 5.78        |
| tblVehicleEF | MH | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH | 59.31       | 59.77       |
| tblVehicleEF | MH | 1.12        | 1.20        |
| tblVehicleEF | MH | 0.76        | 0.81        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH | 1.55        | 1.71        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.64        | 0.70        |
| tblVehicleEF | MH | 0.09        | 0.10        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.31        | 0.34        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 6.8500e-004 | 6.9800e-004 |
| tblVehicleEF | MH | 1.55        | 1.71        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.64        | 0.70        |
| tblVehicleEF | MH | 0.12        | 0.14        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.34        | 0.37        |
| tblVehicleEF | MH | 0.03        | 0.03        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 2.15        | 2.60        |
| tblVehicleEF | MH | 5.66        | 6.19        |
| tblVehicleEF | MH | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH | 59.31       | 59.77       |
| tblVehicleEF | MH | 1.19        | 1.28        |
| tblVehicleEF | MH | 0.80        | 0.85        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH | 1.15        | 1.27        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MH  | 0.09        | 0.09        |
| tblVehicleEF | MH  | 0.44        | 0.48        |
| tblVehicleEF | MH  | 0.08        | 0.10        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.32        | 0.36        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 6.9200e-004 | 7.0600e-004 |
| tblVehicleEF | MH  | 1.15        | 1.27        |
| tblVehicleEF | MH  | 0.09        | 0.09        |
| tblVehicleEF | MH  | 0.44        | 0.48        |
| tblVehicleEF | MH  | 0.11        | 0.14        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.35        | 0.39        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1360e-003 | 4.8170e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.36        | 0.37        |
| tblVehicleEF | MHD | 0.32        | 0.37        |
| tblVehicleEF | MHD | 5.74        | 6.40        |
| tblVehicleEF | MHD | 141.15      | 139.27      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.52        | 0.55        |
| tblVehicleEF | MHD | 1.10        | 1.19        |
| tblVehicleEF | MHD | 10.60       | 10.45       |
| tblVehicleEF | MHD | 2.4600e-004 | 2.8600e-004 |
| tblVehicleEF | MHD | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD | 2.3500e-004 | 2.7300e-004 |
| tblVehicleEF | MHD | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD | 1.1040e-003 | 1.2050e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.03        | 0.03        |
| tblVehicleEF | MHD | 7.0500e-004 | 7.5100e-004 |
| tblVehicleEF | MHD | 0.04        | 0.04        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.35        | 0.39        |
| tblVehicleEF | MHD | 1.3590e-003 | 1.3410e-003 |
| tblVehicleEF | MHD | 0.01        | 0.01        |
| tblVehicleEF | MHD | 6.9900e-004 | 7.2600e-004 |
| tblVehicleEF | MHD | 1.1040e-003 | 1.2050e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.04        | 0.04        |
| tblVehicleEF | MHD | 7.0500e-004 | 7.5100e-004 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.38        | 0.43        |



100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1930e-003 | 4.8890e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.26        | 0.27        |
| tblVehicleEF | MHD | 0.33        | 0.37        |
| tblVehicleEF | MHD | 5.45        | 6.08        |
| tblVehicleEF | MHD | 149.51      | 147.51      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.54        | 0.57        |
| tblVehicleEF | MHD | 1.04        | 1.12        |
| tblVehicleEF | MHD | 10.56       | 10.41       |
| tblVehicleEF | MHD | 2.0700e-004 | 2.4100e-004 |
| tblVehicleEF | MHD | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD | 1.9800e-004 | 2.3000e-004 |
| tblVehicleEF | MHD | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD | 1.6790e-003 | 1.8360e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 1.0380e-003 | 1.1140e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.34        | 0.38        |
| tblVehicleEF | MHD | 1.4370e-003 | 1.4190e-003 |
| tblVehicleEF | MHD | 0.01        | 0.01        |
| tblVehicleEF | MHD | 6.9400e-004 | 7.2000e-004 |
| tblVehicleEF | MHD | 1.6790e-003 | 1.8360e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.03        | 0.03        |
| tblVehicleEF | MHD | 1.0380e-003 | 1.1140e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.37        | 0.41        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1220e-003 | 4.7980e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.49        | 0.51        |
| tblVehicleEF | MHD | 0.32        | 0.36        |
| tblVehicleEF | MHD | 5.78        | 6.44        |
| tblVehicleEF | MHD | 129.61      | 127.88      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.50        | 0.53        |
| tblVehicleEF | MHD | 1.08        | 1.17        |
| tblVehicleEF | MHD | 10.60       | 10.46       |
| tblVehicleEF | MHD | 2.9900e-004 | 3.4800e-004 |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | MHD  | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD  | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD  | 2.8600e-004 | 3.3300e-004 |
| tblVehicleEF | MHD  | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD  | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD  | 1.1390e-003 | 1.2570e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.03        | 0.03        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.4900e-004 |
| tblVehicleEF | MHD  | 0.04        | 0.04        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 0.35        | 0.40        |
| tblVehicleEF | MHD  | 1.2500e-003 | 1.2340e-003 |
| tblVehicleEF | MHD  | 0.01        | 0.01        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.2700e-004 |
| tblVehicleEF | MHD  | 1.1390e-003 | 1.2570e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.04        | 0.04        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.4900e-004 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 0.39        | 0.43        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.7030e-003 | 8.8560e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.28        | 0.28        |
| tblVehicleEF | OBUS | 0.53        | 0.60        |
| tblVehicleEF | OBUS | 5.48        | 5.82        |
| tblVehicleEF | OBUS | 101.46      | 101.41      |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.45        | 0.52        |
| tblVehicleEF | OBUS | 1.46        | 1.64        |
| tblVehicleEF | OBUS | 2.42        | 2.45        |
| tblVehicleEF | OBUS | 1.0100e-004 | 1.8100e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 9.7000e-005 | 1.7300e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 1.5080e-003 | 1.5420e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 7.8700e-004 | 7.9500e-004 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.34        | 0.36        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 7.8100e-004 | 7.9100e-004 |
| tblVehicleEF | OBUS | 1.5080e-003 | 1.5420e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.05        |
| tblVehicleEF | OBUS | 7.8700e-004 | 7.9500e-004 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.37        | 0.40        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8330e-003 | 9.0120e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.26        | 0.27        |
| tblVehicleEF | OBUS | 0.54        | 0.61        |
| tblVehicleEF | OBUS | 5.17        | 5.49        |
| tblVehicleEF | OBUS | 106.49      | 106.43      |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.47        | 0.54        |
| tblVehicleEF | OBUS | 1.38        | 1.54        |
| tblVehicleEF | OBUS | 2.38        | 2.41        |
| tblVehicleEF | OBUS | 8.5000e-005 | 1.5300e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 8.2000e-005 | 1.4600e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 2.2620e-003 | 2.3150e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 1.1670e-003 | 1.1850e-003 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.33        | 0.35        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.7600e-004 | 7.8600e-004 |
| tblVehicleEF | OBUS | 2.2620e-003 | 2.3150e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.05        |
| tblVehicleEF | OBUS | 1.1670e-003 | 1.1850e-003 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.36        | 0.38        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.6720e-003 | 8.8190e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.30        | 0.30        |
| tblVehicleEF | OBUS | 0.53        | 0.60        |
| tblVehicleEF | OBUS | 5.53        | 5.87        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 94.52       | 94.47       |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.43        | 0.50        |
| tblVehicleEF | OBUS | 1.44        | 1.61        |
| tblVehicleEF | OBUS | 2.43        | 2.46        |
| tblVehicleEF | OBUS | 1.2300e-004 | 2.2000e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 1.1800e-004 | 2.1100e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 1.5460e-003 | 1.5930e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 7.7900e-004 | 7.9000e-004 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.34        | 0.37        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8200e-004 | 7.9200e-004 |
| tblVehicleEF | OBUS | 1.5460e-003 | 1.5930e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.06        |
| tblVehicleEF | OBUS | 7.7900e-004 | 7.9000e-004 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.38        | 0.40        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.07        | 0.07        |
| tblVehicleEF | SBUS | 7.95        | 7.86        |
| tblVehicleEF | SBUS | 0.75        | 0.81        |
| tblVehicleEF | SBUS | 7.37        | 7.59        |
| tblVehicleEF | SBUS | 1,131.72    | 1,145.91    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 9.36        | 10.04       |
| tblVehicleEF | SBUS | 4.28        | 4.66        |
| tblVehicleEF | SBUS | 12.35       | 12.61       |
| tblVehicleEF | SBUS | 9.4940e-003 | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 9.0830e-003 | 0.01        |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 3.5580e-003 | 3.5840e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.95        | 0.95        |
| tblVehicleEF | SBUS | 1.8470e-003 | 1.8010e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.39        | 0.40        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.6700e-004 | 6.5800e-004 |
| tblVehicleEF | SBUS | 3.5580e-003 | 3.5840e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.37        | 1.36        |
| tblVehicleEF | SBUS | 1.8470e-003 | 1.8010e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.43        | 0.44        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.06        | 0.06        |
| tblVehicleEF | SBUS | 7.83        | 7.74        |
| tblVehicleEF | SBUS | 0.76        | 0.82        |
| tblVehicleEF | SBUS | 5.88        | 6.05        |
| tblVehicleEF | SBUS | 1,183.16    | 1,198.55    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 9.65        | 10.36       |
| tblVehicleEF | SBUS | 4.04        | 4.39        |
| tblVehicleEF | SBUS | 12.32       | 12.58       |
| tblVehicleEF | SBUS | 8.0030e-003 | 9.1400e-003 |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 7.6570e-003 | 8.7450e-003 |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |
| tblVehicleEF | SBUS | 5.4390e-003 | 5.4730e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.94        | 0.94        |
| tblVehicleEF | SBUS | 2.8200e-003 | 2.7640e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.34        | 0.35        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.4200e-004 | 6.3200e-004 |
| tblVehicleEF | SBUS | 5.4390e-003 | 5.4730e-003 |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.36        | 1.36        |
| tblVehicleEF | SBUS | 2.8200e-003 | 2.7640e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.37        | 0.39        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.07        | 0.07        |
| tblVehicleEF | SBUS | 8.11        | 8.04        |
| tblVehicleEF | SBUS | 0.75        | 0.81        |
| tblVehicleEF | SBUS | 7.59        | 7.81        |
| tblVehicleEF | SBUS | 1,060.69    | 1,073.20    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 8.94        | 9.59        |
| tblVehicleEF | SBUS | 4.21        | 4.58        |
| tblVehicleEF | SBUS | 12.36       | 12.62       |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |
| tblVehicleEF | SBUS | 3.5530e-003 | 3.6410e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.95        | 0.95        |
| tblVehicleEF | SBUS | 1.8150e-003 | 1.7750e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 0.40        | 0.41        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.7000e-004 | 6.6200e-004 |
| tblVehicleEF | SBUS | 3.5530e-003 | 3.6410e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.37        | 1.37        |
| tblVehicleEF | SBUS | 1.8150e-003 | 1.7750e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 0.44        | 0.45        |
| tblVehicleEF | UBUS | 2.39        | 2.55        |
| tblVehicleEF | UBUS | 0.06        | 0.06        |
| tblVehicleEF | UBUS | 10.55       | 11.13       |
| tblVehicleEF | UBUS | 10.24       | 10.45       |
| tblVehicleEF | UBUS | 1,926.89    | 1,944.71    |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 109.62      | 106.29      |
| tblVehicleEF | UBUS | 8.58        | 9.26        |
| tblVehicleEF | UBUS | 14.69       | 14.96       |
| tblVehicleEF | UBUS | 0.59        | 0.59        |
| tblVehicleEF | UBUS | 0.11        | 0.12        |
| tblVehicleEF | UBUS | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF | UBUS | 0.25        | 0.25        |
| tblVehicleEF | UBUS | 0.10        | 0.11        |
| tblVehicleEF | UBUS | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF | UBUS | 4.9850e-003 | 5.0680e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 0.76        | 0.81        |
| tblVehicleEF | UBUS | 0.03        | 0.03        |
| tblVehicleEF | UBUS | 0.79        | 0.79        |
| tblVehicleEF | UBUS | 9.6440e-003 | 9.7260e-003 |
| tblVehicleEF | UBUS | 1.2810e-003 | 1.2510e-003 |
| tblVehicleEF | UBUS | 4.9850e-003 | 5.0680e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 3.23        | 3.46        |
| tblVehicleEF | UBUS | 0.03        | 0.03        |
| tblVehicleEF | UBUS | 0.86        | 0.87        |
| tblVehicleEF | UBUS | 2.39        | 2.55        |
| tblVehicleEF | UBUS | 0.05        | 0.05        |
| tblVehicleEF | UBUS | 10.60       | 11.19       |
| tblVehicleEF | UBUS | 8.88        | 9.06        |
| tblVehicleEF | UBUS | 1,926.89    | 1,944.71    |
| tblVehicleEF | UBUS | 109.62      | 106.29      |
| tblVehicleEF | UBUS | 8.08        | 8.72        |
| tblVehicleEF | UBUS | 14.63       | 14.90       |
| tblVehicleEF | UBUS | 0.59        | 0.59        |
| tblVehicleEF | UBUS | 0.11        | 0.12        |
| tblVehicleEF | UBUS | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF | UBUS | 0.25        | 0.25        |
| tblVehicleEF | UBUS | 0.10        | 0.11        |
| tblVehicleEF | UBUS | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF | UBUS | 7.3050e-003 | 7.4290e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 4.1800e-003 | 4.1940e-003 |
| tblVehicleEF | UBUS | 0.77        | 0.82        |
| tblVehicleEF | UBUS | 0.02        | 0.02        |
| tblVehicleEF | UBUS | 0.72        | 0.73        |
| tblVehicleEF | UBUS | 9.6450e-003 | 9.7270e-003 |
| tblVehicleEF | UBUS | 1.2580e-003 | 1.2270e-003 |
| tblVehicleEF | UBUS | 7.3050e-003 | 7.4290e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 4.1800e-003 | 4.1940e-003 |
| tblVehicleEF | UBUS | 3.25        | 3.47        |
| tblVehicleEF | UBUS | 0.02        | 0.02        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|                 |       |             |             |
|-----------------|-------|-------------|-------------|
| tblVehicleEF    | UBUS  | 0.79        | 0.80        |
| tblVehicleEF    | UBUS  | 2.39        | 2.55        |
| tblVehicleEF    | UBUS  | 0.06        | 0.06        |
| tblVehicleEF    | UBUS  | 10.54       | 11.12       |
| tblVehicleEF    | UBUS  | 10.42       | 10.63       |
| tblVehicleEF    | UBUS  | 1,926.89    | 1,944.71    |
| tblVehicleEF    | UBUS  | 109.62      | 106.29      |
| tblVehicleEF    | UBUS  | 8.42        | 9.08        |
| tblVehicleEF    | UBUS  | 14.70       | 14.97       |
| tblVehicleEF    | UBUS  | 0.59        | 0.59        |
| tblVehicleEF    | UBUS  | 0.11        | 0.12        |
| tblVehicleEF    | UBUS  | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF    | UBUS  | 0.25        | 0.25        |
| tblVehicleEF    | UBUS  | 0.10        | 0.11        |
| tblVehicleEF    | UBUS  | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF    | UBUS  | 5.5920e-003 | 5.7210e-003 |
| tblVehicleEF    | UBUS  | 0.10        | 0.10        |
| tblVehicleEF    | UBUS  | 2.9890e-003 | 3.0070e-003 |
| tblVehicleEF    | UBUS  | 0.76        | 0.81        |
| tblVehicleEF    | UBUS  | 0.03        | 0.03        |
| tblVehicleEF    | UBUS  | 0.80        | 0.80        |
| tblVehicleEF    | UBUS  | 9.6440e-003 | 9.7250e-003 |
| tblVehicleEF    | UBUS  | 1.2840e-003 | 1.2540e-003 |
| tblVehicleEF    | UBUS  | 5.5920e-003 | 5.7210e-003 |
| tblVehicleEF    | UBUS  | 0.10        | 0.10        |
| tblVehicleEF    | UBUS  | 2.9890e-003 | 3.0070e-003 |
| tblVehicleEF    | UBUS  | 3.23        | 3.46        |
| tblVehicleEF    | UBUS  | 0.03        | 0.03        |
| tblVehicleEF    | UBUS  | 0.87        | 0.88        |
| tblVehicleTrips | ST_TR | 8.19        | 8.38        |
| tblVehicleTrips | ST_TR | 94.36       | 117.70      |
| tblVehicleTrips | ST_TR | 21.35       | 0.00        |
| tblVehicleTrips | SU_TR | 5.95        | 6.09        |
| tblVehicleTrips | SU_TR | 72.16       | 90.01       |
| tblVehicleTrips | SU_TR | 17.40       | 0.00        |
| tblVehicleTrips | WD_TR | 8.17        | 8.36        |
| tblVehicleTrips | WD_TR | 89.95       | 112.20      |
| tblVehicleTrips | WD_TR | 14.03       | 0.00        |

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

|      | ROG    | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|------|--------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Year | lb/day |     |    |     |               |              |            |                |               |             | lb/day   |           |           |     |     |      |



100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|                |                |                 |                |               |               |               |               |               |               |               |  |  |  |  |  |  |
|----------------|----------------|-----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| 2020           | 4.6844         | 102.3750        | 31.9227        | 0.2980        | 6.8673        | 1.2921        | 8.0169        | 1.8562        | 1.2299        | 2.9328        |  |  |  |  |  |  |
| 2021           | 4.2341         | 17.1953         | 34.0002        | 0.0810        | 5.6721        | 0.7901        | 6.4622        | 1.5072        | 0.7549        | 2.2621        |  |  |  |  |  |  |
| 2022           | 44.8314        | 15.9445         | 32.5378        | 0.0791        | 5.6721        | 0.6750        | 6.3471        | 1.5072        | 0.6452        | 2.1523        |  |  |  |  |  |  |
| <b>Maximum</b> | <b>44.8314</b> | <b>102.3750</b> | <b>34.0002</b> | <b>0.2980</b> | <b>6.8673</b> | <b>1.2921</b> | <b>8.0169</b> | <b>1.8562</b> | <b>1.2299</b> | <b>2.9328</b> |  |  |  |  |  |  |

**Mitigated Construction**

|                | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Year           | lb/day         |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| 2020           | 3.4935         | 83.9889        | 37.6640        | 0.2980        | 6.7587        | 0.9941        | 7.2291        | 1.8409         | 0.9924        | 2.2970        |          |           |           |     |     |      |
| 2021           | 4.0848         | 15.4640        | 34.0820        | 0.0810        | 5.6721        | 0.6834        | 6.3555        | 1.5072         | 0.6571        | 2.1643        |          |           |           |     |     |      |
| 2022           | 44.8314        | 14.4334        | 32.6419        | 0.0791        | 5.6721        | 0.5899        | 6.2620        | 1.5072         | 0.5673        | 2.0745        |          |           |           |     |     |      |
| <b>Maximum</b> | <b>44.8314</b> | <b>83.9889</b> | <b>37.6640</b> | <b>0.2980</b> | <b>6.7587</b> | <b>0.9941</b> | <b>7.2291</b> | <b>1.8409</b>  | <b>0.9924</b> | <b>2.2970</b> |          |           |           |     |     |      |

|                          | ROG         | NOx          | CO           | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total  | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------|-------------|--------------|--------------|-------------|---------------|--------------|-------------|----------------|---------------|--------------|----------|-----------|-----------|-----|-----|------|
| <b>Percent Reduction</b> | <b>2.49</b> | <b>15.96</b> | <b>-6.02</b> | <b>0.00</b> | <b>0.60</b>   | <b>17.76</b> | <b>4.70</b> | <b>0.31</b>    | <b>15.71</b>  | <b>11.04</b> |          |           |           |     |     |      |

**2.2 Overall Operational**

**Unmitigated Operational**

|              | ROG            | NOx            | CO              | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day         |                |                 |               |                |               |                |                |               |               | lb/day   |           |           |     |     |      |
| Area         | 11.1147        | 5.9000e-004    | 0.0645          | 0.0000        |                | 2.3000e-004   | 2.3000e-004    |                | 2.3000e-004   | 2.3000e-004   |          |           |           |     |     |      |
| Energy       | 0.4908         | 4.4614         | 3.7475          | 0.0268        |                | 0.3391        | 0.3391         |                | 0.3391        | 0.3391        |          |           |           |     |     |      |
| Mobile       | 9.2078         | 43.4355        | 98.0996         | 0.3236        | 26.6044        | 0.2763        | 26.8806        | 7.1177         | 0.2579        | 7.3756        |          |           |           |     |     |      |
| Stationary   | 0.4923         | 1.3760         | 1.2553          | 2.3700e-003   |                | 0.0724        | 0.0724         |                | 0.0724        | 0.0724        |          |           |           |     |     |      |
| <b>Total</b> | <b>21.3056</b> | <b>49.2735</b> | <b>103.1669</b> | <b>0.3527</b> | <b>26.6044</b> | <b>0.6880</b> | <b>27.2924</b> | <b>7.1177</b>  | <b>0.6696</b> | <b>7.7873</b> |          |           |           |     |     |      |

**Mitigated Operational**

|          | ROG     | NOx         | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|---------|-------------|--------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day  |             |        |        |               |              |             |                |               |             | lb/day   |           |           |     |     |      |
| Area     | 11.1147 | 5.9000e-004 | 0.0645 | 0.0000 |               | 2.3000e-004  | 2.3000e-004 |                | 2.3000e-004   | 2.3000e-004 |          |           |           |     |     |      |
| Energy   | 0.4908  | 4.4614      | 3.7475 | 0.0268 |               | 0.3391       | 0.3391      |                | 0.3391        | 0.3391      |          |           |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |                |                |                |               |               |               |               |               |               |               |  |  |  |  |  |  |
|--------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| Mobile       | 7.3282         | 29.7241        | 51.1973        | 0.1258        | 8.8460        | 0.1188        | 8.9648        | 2.3666        | 0.1108        | 2.4774        |  |  |  |  |  |  |
| Stationary   | 0.4923         | 1.3760         | 1.2553         | 2.3700e-003   |               | 0.0724        | 0.0724        |               | 0.0724        | 0.0724        |  |  |  |  |  |  |
| <b>Total</b> | <b>19.4260</b> | <b>35.5621</b> | <b>56.2646</b> | <b>0.1549</b> | <b>8.8460</b> | <b>0.5305</b> | <b>9.3765</b> | <b>2.3666</b> | <b>0.5225</b> | <b>2.8891</b> |  |  |  |  |  |  |

  

|                   | ROG  | NOx   | CO    | SO2   | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4   | N2O  | CO2e  |
|-------------------|------|-------|-------|-------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------|------|-------|
| Percent Reduction | 8.82 | 27.83 | 45.46 | 56.09 | 66.75         | 22.89        | 65.64      | 66.75          | 21.97         | 62.90       | 0.00     | 52.16    | 52.16     | 44.13 | 0.00 | 52.11 |

### 3.0 Construction Detail

#### Construction Phase

| Phase Number | Phase Name                        | Phase Type            | Start Date | End Date  | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1            | Demolition                        | Demolition            | 1/22/2020  | 2/25/2020 | 5             | 25       |                   |
| 2            | Grading                           | Grading               | 2/26/2020  | 3/24/2020 | 5             | 20       |                   |
| 3            | Mat Foundation                    | Building Construction | 3/26/2020  | 3/30/2020 | 5             | 3        |                   |
| 4            | Parking and Podium                | Building Construction | 3/31/2020  | 5/31/2020 | 5             | 44       |                   |
| 5            | Building Construction (Shell)     | Building Construction | 6/1/2020   | 2/21/2022 | 5             | 451      |                   |
| 6            | Building Construction (Finishing) | Building Construction | 10/1/2021  | 7/22/2022 | 5             | 211      |                   |
| 7            | Architectural Coating             | Architectural Coating | 2/22/2022  | 7/22/2022 | 5             | 109      |                   |
| 8            | Paving                            | Paving                | 4/22/2022  | 7/22/2022 | 5             | 66       |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.85

Acres of Paving: 0.85

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 744,723; Non-Residential Outdoor: 248,241; Striped Parking

#### OffRoad Equipment

| Phase Name     | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|----------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition     | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Demolition     | Crushing/Proc. Equipment  | 1      | 8.00        | 85          | 0.78        |
| Demolition     | Excavators                | 0      | 8.00        | 158         | 0.38        |
| Demolition     | Rubber Tired Dozers       | 1      | 8.00        | 247         | 0.40        |
| Demolition     | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Grading        | Bore/Drill Rigs           | 1      | 8.00        | 221         | 0.50        |
| Grading        | Cranes                    | 1      | 8.00        | 231         | 0.29        |
| Grading        | Excavators                | 1      | 8.00        | 158         | 0.38        |
| Grading        | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Grading        | Rubber Tired Dozers       | 0      | 8.00        | 247         | 0.40        |
| Grading        | Rubber Tired Loaders      | 2      | 8.00        | 203         | 0.36        |
| Grading        | Tractors/Loaders/Backhoes | 0      | 8.00        | 97          | 0.37        |
| Grading        | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Mat Foundation | Cement and Mortar Mixers  | 4      | 8.00        | 9           | 0.56        |
| Mat Foundation | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Mat Foundation | Forklifts                 | 0      | 8.00        | 89          | 0.20        |
| Mat Foundation | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Mat Foundation | Pumps                     | 4      | 8.00        | 84          | 0.74        |
| Mat Foundation | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|                                   |                           |   |      |     |      |
|-----------------------------------|---------------------------|---|------|-----|------|
| Mat Foundation                    | Welders                   | 0 | 8.00 | 46  | 0.45 |
| Mat Foundation                    | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Parking and Podium                | Aerial Lifts              | 1 | 8.00 | 63  | 0.31 |
| Parking and Podium                | Cranes                    | 0 | 7.00 | 231 | 0.29 |
| Parking and Podium                | Forklifts                 | 0 | 8.00 | 89  | 0.20 |
| Parking and Podium                | Generator Sets            | 0 | 8.00 | 84  | 0.74 |
| Parking and Podium                | Pumps                     | 2 | 8.00 | 84  | 0.74 |
| Parking and Podium                | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Parking and Podium                | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Building Construction (Shell)     | Aerial Lifts              | 2 | 8.00 | 63  | 0.31 |
| Building Construction (Shell)     | Cranes                    | 0 | 7.00 | 231 | 0.29 |
| Building Construction (Shell)     | Forklifts                 | 2 | 8.00 | 89  | 0.20 |
| Building Construction (Shell)     | Generator Sets            | 0 | 8.00 | 84  | 0.74 |
| Building Construction (Shell)     | Tractors/Loaders/Backhoes | 1 | 8.00 | 97  | 0.37 |
| Building Construction (Shell)     | Welders                   | 2 | 8.00 | 46  | 0.45 |
| Building Construction (Finishing) | Aerial Lifts              | 1 | 8.00 | 63  | 0.31 |
| Building Construction (Finishing) | Air Compressors           | 1 | 8.00 | 78  | 0.48 |
| Building Construction (Finishing) | Cranes                    | 0 | 7.00 | 231 | 0.29 |
| Building Construction (Finishing) | Forklifts                 | 1 | 8.00 | 89  | 0.20 |
| Building Construction (Finishing) | Generator Sets            | 0 | 8.00 | 84  | 0.74 |
| Building Construction (Finishing) | Tractors/Loaders/Backhoes | 0 | 7.00 | 97  | 0.37 |
| Building Construction (Finishing) | Welders                   | 1 | 8.00 | 46  | 0.45 |
| Architectural Coating             | Air Compressors           | 1 | 6.00 | 78  | 0.48 |
| Paving                            | Cement and Mortar Mixers  | 0 | 6.00 |     |      |
| Paving                            | Pavers                    | 0 | 8.00 |     |      |
| Paving                            | Paving Equipment          | 1 | 6.00 |     |      |
| Paving                            | Rollers                   | 1 | 6.00 |     |      |
| Paving                            | Tractors/Loaders/Backhoes | 0 | 8.00 |     |      |

**Trips and VMT**

| Phase Name                        | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition                        | 4                       | 10.00              | 0.00               | 1,250.00            | 14.70              | 6.90               | 75.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading                           | 6                       | 13.00              | 0.00               | 2,000.00            | 14.70              | 6.90               | 75.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Mat Foundation                    | 9                       | 248.00             | 0.00               | 0.00                | 14.70              | 0.00               | 20.00               | LD_Mix               | HHDT                 | HHDT                  |
| Parking and Podium                | 5                       | 248.00             | 50.00              | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction (Shell)     | 7                       | 248.00             | 15.00              | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction (Finishing) | 4                       | 248.00             | 5.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating             | 1                       | 50.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                            | 2                       | 5.00               | 5.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment  
Water Exposed Area

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Fugitive Dust |               |                |                |               | 2.0543        | 0.0000        | 2.0543        | 0.3110         | 0.0000        | 0.3110        |          |           |           |     |     |      |
| Off-Road      | 2.2603        | 20.5352        | 14.4501        | 0.0249        |               | 1.1271        | 1.1271        |                | 1.0721        | 1.0721        |          |           |           |     |     |      |
| <b>Total</b>  | <b>2.2603</b> | <b>20.5352</b> | <b>14.4501</b> | <b>0.0249</b> | <b>2.0543</b> | <b>1.1271</b> | <b>3.1814</b> | <b>0.3110</b>  | <b>1.0721</b> | <b>1.3831</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 1.2770        | 40.3074        | 9.4702        | 0.1306        | 3.2720        | 0.1641        | 3.4361        | 0.8963         | 0.1570        | 1.0533        |          |           |           |     |     |      |
| Vendor       | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Worker       | 0.0493        | 0.0333         | 0.3696        | 1.0800e-003   | 0.1118        | 8.5000e-004   | 0.1126        | 0.0296         | 7.9000e-004   | 0.0304        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.3264</b> | <b>40.3407</b> | <b>9.8398</b> | <b>0.1317</b> | <b>3.3838</b> | <b>0.1650</b> | <b>3.5487</b> | <b>0.9260</b>  | <b>0.1578</b> | <b>1.0838</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category      | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Fugitive Dust |               |               |                |               | 0.8012        | 0.0000        | 0.8012        | 0.1213         | 0.0000        | 0.1213        |          |           |           |     |     |      |
| Off-Road      | 1.1138        | 7.7154        | 14.2145        | 0.0249        |               | 0.4580        | 0.4580        |                | 0.4580        | 0.4580        |          |           |           |     |     |      |
| <b>Total</b>  | <b>1.1138</b> | <b>7.7154</b> | <b>14.2145</b> | <b>0.0249</b> | <b>0.8012</b> | <b>0.4580</b> | <b>1.2592</b> | <b>0.1213</b>  | <b>0.4580</b> | <b>0.5793</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx            | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |                |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 1.2770        | 40.3074        | 9.4702        | 0.1306        | 3.2720        | 0.1641        | 3.4361        | 0.8963         | 0.1570        | 1.0533        |          |           |           |     |     |      |
| Vendor       | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Worker       | 0.0493        | 0.0333         | 0.3696        | 1.0800e-003   | 0.1118        | 8.5000e-004   | 0.1126        | 0.0296         | 7.9000e-004   | 0.0304        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.3264</b> | <b>40.3407</b> | <b>9.8398</b> | <b>0.1317</b> | <b>3.3838</b> | <b>0.1650</b> | <b>3.5487</b> | <b>0.9260</b>  | <b>0.1578</b> | <b>1.0838</b> |          |           |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Fugitive Dust |               |                |                |               | 0.1780        | 0.0000        | 0.1780        | 0.0250         | 0.0000        | 0.0250        |          |          |           |     |     |      |
| Off-Road      | 2.0661        | 21.7169        | 12.5018        | 0.0354        |               | 0.8203        | 0.8203        |                | 0.7616        | 0.7616        |          |          |           |     |     |      |
| <b>Total</b>  | <b>2.0661</b> | <b>21.7169</b> | <b>12.5018</b> | <b>0.0354</b> | <b>0.1780</b> | <b>0.8203</b> | <b>0.9982</b> | <b>0.0250</b>  | <b>0.7616</b> | <b>0.7866</b> |          |          |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Hauling      | 2.5541        | 80.6148        | 18.9404        | 0.2612        | 6.5440        | 0.3282        | 6.8722        | 1.7926         | 0.3140        | 2.1066        |          |          |           |     |     |      |
| Vendor       | 0.0000        | 0.0000         | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |          |           |     |     |      |
| Worker       | 0.0642        | 0.0433         | 0.4805         | 1.4000e-003   | 0.1453        | 1.1100e-003   | 0.1464        | 0.0385         | 1.0200e-003   | 0.0396        |          |          |           |     |     |      |
| <b>Total</b> | <b>2.6182</b> | <b>80.6581</b> | <b>19.4209</b> | <b>0.2626</b> | <b>6.6893</b> | <b>0.3293</b> | <b>7.0186</b> | <b>1.8312</b>  | <b>0.3150</b> | <b>2.1462</b> |          |          |           |     |     |      |

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category      | lb/day        |               |                |               |               |               |               |                    |               |               | lb/day   |          |           |     |     |      |
| Fugitive Dust |               |               |                |               | 0.0694        | 0.0000        | 0.0694        | 9.7500e-003        | 0.0000        | 9.7500e-003   |          |          |           |     |     |      |
| Off-Road      | 0.7481        | 3.3308        | 18.2431        | 0.0354        |               | 0.1410        | 0.1410        |                    | 0.1410        | 0.1410        |          |          |           |     |     |      |
| <b>Total</b>  | <b>0.7481</b> | <b>3.3308</b> | <b>18.2431</b> | <b>0.0354</b> | <b>0.0694</b> | <b>0.1410</b> | <b>0.2104</b> | <b>9.7500e-003</b> | <b>0.1410</b> | <b>0.1508</b> |          |          |           |     |     |      |

**Mitigated Construction Off-Site**

|          | ROG    | NOx     | CO      | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|---------|---------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|
| Category | lb/day |         |         |        |               |              |            |                |               |             | lb/day   |          |           |     |     |      |
| Hauling  | 2.5541 | 80.6148 | 18.9404 | 0.2612 | 6.5440        | 0.3282       | 6.8722     | 1.7926         | 0.3140        | 2.1066      |          |          |           |     |     |      |
| Vendor   | 0.0000 | 0.0000  | 0.0000  | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          |          |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |               |                |                |               |               |               |               |               |               |               |  |  |  |  |  |  |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| Worker       | 0.0642        | 0.0433         | 0.4805         | 1.4000e-003   | 0.1453        | 1.1100e-003   | 0.1464        | 0.0385        | 1.0200e-003   | 0.0396        |  |  |  |  |  |  |
| <b>Total</b> | <b>2.6182</b> | <b>80.6581</b> | <b>19.4209</b> | <b>0.2626</b> | <b>6.6893</b> | <b>0.3293</b> | <b>7.0186</b> | <b>1.8312</b> | <b>0.3150</b> | <b>2.1462</b> |  |  |  |  |  |  |

**3.4 Mat Foundation - 2020**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 2.2698        | 17.1602        | 18.0510        | 0.0317        |               | 0.9730        | 0.9730        |                | 0.9730        | 0.9730        |          |           |           |     |     |      |
| <b>Total</b> | <b>2.2698</b> | <b>17.1602</b> | <b>18.0510</b> | <b>0.0317</b> |               | <b>0.9730</b> | <b>0.9730</b> |                | <b>0.9730</b> | <b>0.9730</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Worker       | 1.2237        | 0.8261        | 9.1657        | 0.0267        | 2.7721        | 0.0212        | 2.7932        | 0.7352         | 0.0195        | 0.7546        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.2237</b> | <b>0.8261</b> | <b>9.1657</b> | <b>0.0267</b> | <b>2.7721</b> | <b>0.0212</b> | <b>2.7932</b> | <b>0.7352</b>  | <b>0.0195</b> | <b>0.7546</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 2.2698        | 17.1602        | 18.0510        | 0.0317        |               | 0.9730        | 0.9730        |                | 0.9730        | 0.9730        |          |           |           |     |     |      |
| <b>Total</b> | <b>2.2698</b> | <b>17.1602</b> | <b>18.0510</b> | <b>0.0317</b> |               | <b>0.9730</b> | <b>0.9730</b> |                | <b>0.9730</b> | <b>0.9730</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|          | ROG    | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day |     |    |     |               |              |            |                |               |             | lb/day   |           |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |               |               |               |               |               |               |               |               |               |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        |  |  |  |  |  |  |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        |  |  |  |  |  |  |
| Worker       | 1.2237        | 0.8261        | 9.1657        | 0.0267        | 2.7721        | 0.0212        | 2.7932        | 0.7352        | 0.0195        | 0.7546        |  |  |  |  |  |  |
| <b>Total</b> | <b>1.2237</b> | <b>0.8261</b> | <b>9.1657</b> | <b>0.0267</b> | <b>2.7721</b> | <b>0.0212</b> | <b>2.7932</b> | <b>0.7352</b> | <b>0.0195</b> | <b>0.7546</b> |  |  |  |  |  |  |

**3.5 Parking and Podium - 2020**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.4375        | 11.3782        | 12.6661        | 0.0205        |               | 0.6487        | 0.6487        |                | 0.6369        | 0.6369        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.4375</b> | <b>11.3782</b> | <b>12.6661</b> | <b>0.0205</b> |               | <b>0.6487</b> | <b>0.6487</b> |                | <b>0.6369</b> | <b>0.6369</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.1736        | 5.2641        | 1.4194         | 0.0124        | 0.3199        | 0.0265        | 0.3464        | 0.0921         | 0.0253        | 0.1174        |          |           |           |     |     |      |
| Worker       | 1.2237        | 0.8261        | 9.1657         | 0.0267        | 2.7721        | 0.0212        | 2.7932        | 0.7352         | 0.0195        | 0.7546        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.3973</b> | <b>6.0902</b> | <b>10.5851</b> | <b>0.0391</b> | <b>3.0920</b> | <b>0.0476</b> | <b>3.1396</b> | <b>0.8273</b>  | <b>0.0448</b> | <b>0.8721</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.2660        | 9.4376        | 12.7284        | 0.0205        |               | 0.5207        | 0.5207        |                | 0.5195        | 0.5195        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.2660</b> | <b>9.4376</b> | <b>12.7284</b> | <b>0.0205</b> |               | <b>0.5207</b> | <b>0.5207</b> |                | <b>0.5195</b> | <b>0.5195</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.1736        | 5.2641        | 1.4194         | 0.0124        | 0.3199        | 0.0265        | 0.3464        | 0.0921         | 0.0253        | 0.1174        |          |           |           |     |     |      |
| Worker       | 1.2237        | 0.8261        | 9.1657         | 0.0267        | 2.7721        | 0.0212        | 2.7932        | 0.7352         | 0.0195        | 0.7546        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.3973</b> | <b>6.0902</b> | <b>10.5851</b> | <b>0.0391</b> | <b>3.0920</b> | <b>0.0476</b> | <b>3.1396</b> | <b>0.8273</b>  | <b>0.0448</b> | <b>0.8721</b> |          |           |           |     |     |      |

**3.6 Building Construction (Shell) - 2020**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.2609        | 9.1301        | 10.3628        | 0.0146        |               | 0.5289        | 0.5289        |                | 0.5005        | 0.5005        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.2609</b> | <b>9.1301</b> | <b>10.3628</b> | <b>0.0146</b> |               | <b>0.5289</b> | <b>0.5289</b> |                | <b>0.5005</b> | <b>0.5005</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0521        | 1.5792        | 0.4258        | 3.7200e-003   | 0.0960        | 7.9400e-003   | 0.1039        | 0.0276         | 7.5900e-003   | 0.0352        |          |           |           |     |     |      |
| Worker       | 1.2237        | 0.8261        | 9.1657        | 0.0267        | 2.7721        | 0.0212        | 2.7932        | 0.7352         | 0.0195        | 0.7546        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.2758</b> | <b>2.4053</b> | <b>9.5915</b> | <b>0.0304</b> | <b>2.8680</b> | <b>0.0291</b> | <b>2.8971</b> | <b>0.7628</b>  | <b>0.0271</b> | <b>0.7899</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.0894        | 7.1895        | 10.4251        | 0.0146        |               | 0.4008        | 0.4008        |                | 0.3831        | 0.3831        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.0894</b> | <b>7.1895</b> | <b>10.4251</b> | <b>0.0146</b> |               | <b>0.4008</b> | <b>0.4008</b> |                | <b>0.3831</b> | <b>0.3831</b> |          |           |           |     |     |      |



100 E. Ocean  
Project Construction and Operational Emissions (Winter)

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |          |           |     |     |      |
| Vendor       | 0.0521        | 1.5792        | 0.4258        | 3.7200e-003   | 0.0960        | 7.9400e-003   | 0.1039        | 0.0276         | 7.5900e-003   | 0.0352        |          |          |           |     |     |      |
| Worker       | 1.2237        | 0.8261        | 9.1657        | 0.0267        | 2.7721        | 0.0212        | 2.7932        | 0.7352         | 0.0195        | 0.7546        |          |          |           |     |     |      |
| <b>Total</b> | <b>1.2758</b> | <b>2.4053</b> | <b>9.5915</b> | <b>0.0304</b> | <b>2.8680</b> | <b>0.0291</b> | <b>2.8971</b> | <b>0.7628</b>  | <b>0.0271</b> | <b>0.7899</b> |          |          |           |     |     |      |

**3.6 Building Construction (Shell) - 2021**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Off-Road     | 1.1262        | 8.4731        | 10.2217        | 0.0146        |               | 0.4503        | 0.4503        |                | 0.4261        | 0.4261        |          |          |           |     |     |      |
| <b>Total</b> | <b>1.1262</b> | <b>8.4731</b> | <b>10.2217</b> | <b>0.0146</b> |               | <b>0.4503</b> | <b>0.4503</b> |                | <b>0.4261</b> | <b>0.4261</b> |          |          |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |          |           |     |     |      |
| Vendor       | 0.0443        | 1.4331        | 0.3877        | 3.6900e-003   | 0.0960        | 3.0300e-003   | 0.0990        | 0.0276         | 2.8900e-003   | 0.0305        |          |          |           |     |     |      |
| Worker       | 1.1437        | 0.7435        | 8.4287        | 0.0258        | 2.7721        | 0.0205        | 2.7926        | 0.7352         | 0.0189        | 0.7541        |          |          |           |     |     |      |
| <b>Total</b> | <b>1.1880</b> | <b>2.1766</b> | <b>8.8164</b> | <b>0.0295</b> | <b>2.8680</b> | <b>0.0236</b> | <b>2.8916</b> | <b>0.7628</b>  | <b>0.0218</b> | <b>0.7846</b> |          |          |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Off-Road     | 0.9769        | 6.7419        | 10.3035        | 0.0146        |               | 0.3436        | 0.3436        |                | 0.3284        | 0.3284        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.9769</b> | <b>6.7419</b> | <b>10.3035</b> | <b>0.0146</b> |               | <b>0.3436</b> | <b>0.3436</b> |                | <b>0.3284</b> | <b>0.3284</b> |          |          |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0443        | 1.4331        | 0.3877        | 3.6900e-003   | 0.0960        | 3.0300e-003   | 0.0990        | 0.0276         | 2.8900e-003   | 0.0305        |          |           |           |     |     |      |
| Worker       | 1.1437        | 0.7435        | 8.4287        | 0.0258        | 2.7721        | 0.0205        | 2.7926        | 0.7352         | 0.0189        | 0.7541        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.1880</b> | <b>2.1766</b> | <b>8.8164</b> | <b>0.0295</b> | <b>2.8680</b> | <b>0.0236</b> | <b>2.8916</b> | <b>0.7628</b>  | <b>0.0218</b> | <b>0.7846</b> |          |           |           |     |     |      |

**3.6 Building Construction (Shell) - 2022**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.0175        | 7.8318        | 10.1250        | 0.0146        |               | 0.3785        | 0.3785        |                | 0.3584        | 0.3584        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.0175</b> | <b>7.8318</b> | <b>10.1250</b> | <b>0.0146</b> |               | <b>0.3785</b> | <b>0.3785</b> |                | <b>0.3584</b> | <b>0.3584</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0416        | 1.3603        | 0.3672        | 3.6600e-003   | 0.0960        | 2.6300e-003   | 0.0986        | 0.0276         | 2.5200e-003   | 0.0302        |          |           |           |     |     |      |
| Worker       | 1.0757        | 0.6715        | 7.7807        | 0.0249        | 2.7721        | 0.0199        | 2.7920        | 0.7352         | 0.0184        | 0.7535        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.1173</b> | <b>2.0317</b> | <b>8.1479</b> | <b>0.0286</b> | <b>2.8680</b> | <b>0.0226</b> | <b>2.8906</b> | <b>0.7628</b>  | <b>0.0209</b> | <b>0.7837</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|          | ROG    | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day |     |    |     |               |              |            |                |               |             | lb/day   |           |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |               |               |                |               |  |               |               |  |               |               |  |  |  |  |  |  |
|--------------|---------------|---------------|----------------|---------------|--|---------------|---------------|--|---------------|---------------|--|--|--|--|--|--|
| Off-Road     | 0.8908        | 6.3207        | 10.2292        | 0.0146        |  | 0.2934        | 0.2934        |  | 0.2806        | 0.2806        |  |  |  |  |  |  |
| <b>Total</b> | <b>0.8908</b> | <b>6.3207</b> | <b>10.2292</b> | <b>0.0146</b> |  | <b>0.2934</b> | <b>0.2934</b> |  | <b>0.2806</b> | <b>0.2806</b> |  |  |  |  |  |  |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0416        | 1.3603        | 0.3672        | 3.6600e-003   | 0.0960        | 2.6300e-003   | 0.0986        | 0.0276         | 2.5200e-003   | 0.0302        |          |           |           |     |     |      |
| Worker       | 1.0757        | 0.6715        | 7.7807        | 0.0249        | 2.7721        | 0.0199        | 2.7920        | 0.7352         | 0.0184        | 0.7535        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.1173</b> | <b>2.0317</b> | <b>8.1479</b> | <b>0.0286</b> | <b>2.8680</b> | <b>0.0226</b> | <b>2.8906</b> | <b>0.7628</b>  | <b>0.0209</b> | <b>0.7837</b> |          |           |           |     |     |      |

**3.7 Building Construction (Finishing) - 2021**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 0.7613        | 5.3244        | 6.4041        | 9.7300e-003        |               | 0.2947        | 0.2947        |                | 0.2871        | 0.2871        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.7613</b> | <b>5.3244</b> | <b>6.4041</b> | <b>9.7300e-003</b> |               | <b>0.2947</b> | <b>0.2947</b> |                | <b>0.2871</b> | <b>0.2871</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0148        | 0.4777        | 0.1292        | 1.2300e-003   | 0.0320        | 1.0100e-003   | 0.0330        | 9.2100e-003    | 9.6000e-004   | 0.0102        |          |           |           |     |     |      |
| Worker       | 1.1437        | 0.7435        | 8.4287        | 0.0258        | 2.7721        | 0.0205        | 2.7926        | 0.7352         | 0.0189        | 0.7541        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.1585</b> | <b>1.2212</b> | <b>8.5579</b> | <b>0.0271</b> | <b>2.8041</b> | <b>0.0215</b> | <b>2.8256</b> | <b>0.7444</b>  | <b>0.0199</b> | <b>0.7642</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 0.7613        | 5.3244        | 6.4041        | 9.7300e-003        |               | 0.2947        | 0.2947        |                | 0.2871        | 0.2871        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.7613</b> | <b>5.3244</b> | <b>6.4041</b> | <b>9.7300e-003</b> |               | <b>0.2947</b> | <b>0.2947</b> |                | <b>0.2871</b> | <b>0.2871</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0148        | 0.4777        | 0.1292        | 1.2300e-003   | 0.0320        | 1.0100e-003   | 0.0330        | 9.2100e-003    | 9.6000e-004   | 0.0102        |          |           |           |     |     |      |
| Worker       | 1.1437        | 0.7435        | 8.4287        | 0.0258        | 2.7721        | 0.0205        | 2.7926        | 0.7352         | 0.0189        | 0.7541        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.1585</b> | <b>1.2212</b> | <b>8.5579</b> | <b>0.0271</b> | <b>2.8041</b> | <b>0.0215</b> | <b>2.8256</b> | <b>0.7444</b>  | <b>0.0199</b> | <b>0.7642</b> |          |           |           |     |     |      |

**3.7 Building Construction (Finishing) - 2022**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 0.6991        | 4.9561        | 6.3617        | 9.7300e-003        |               | 0.2531        | 0.2531        |                | 0.2467        | 0.2467        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.6991</b> | <b>4.9561</b> | <b>6.3617</b> | <b>9.7300e-003</b> |               | <b>0.2531</b> | <b>0.2531</b> |                | <b>0.2467</b> | <b>0.2467</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0139        | 0.4534        | 0.1224        | 1.2200e-003   | 0.0320        | 8.8000e-004   | 0.0329        | 9.2100e-003    | 8.4000e-004   | 0.0101        |          |           |           |     |     |      |
| Worker       | 1.0757        | 0.6715        | 7.7807        | 0.0249        | 2.7721        | 0.0199        | 2.7920        | 0.7352         | 0.0184        | 0.7535        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.0896</b> | <b>1.1249</b> | <b>7.9031</b> | <b>0.0261</b> | <b>2.8041</b> | <b>0.0208</b> | <b>2.8249</b> | <b>0.7444</b>  | <b>0.0192</b> | <b>0.7636</b> |          |           |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Off-Road     | 0.6991        | 4.9561        | 6.3617        | 9.7300e-003        |               | 0.2531        | 0.2531        |                | 0.2467        | 0.2467        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.6991</b> | <b>4.9561</b> | <b>6.3617</b> | <b>9.7300e-003</b> |               | <b>0.2531</b> | <b>0.2531</b> |                | <b>0.2467</b> | <b>0.2467</b> |          |          |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000        | 0.0000         | 0.0000        | 0.0000        |          |          |           |     |     |      |
| Vendor       | 0.0139        | 0.4534        | 0.1224        | 1.2200e-003   | 0.0320        | 8.8000e-004   | 0.0329        | 9.2100e-003    | 8.4000e-004   | 0.0101        |          |          |           |     |     |      |
| Worker       | 1.0757        | 0.6715        | 7.7807        | 0.0249        | 2.7721        | 0.0199        | 2.7920        | 0.7352         | 0.0184        | 0.7535        |          |          |           |     |     |      |
| <b>Total</b> | <b>1.0896</b> | <b>1.1249</b> | <b>7.9031</b> | <b>0.0261</b> | <b>2.8041</b> | <b>0.0208</b> | <b>2.8249</b> | <b>0.7444</b>  | <b>0.0192</b> | <b>0.7636</b> |          |          |           |     |     |      |

**3.8 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

|                 | ROG            | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category        | lb/day         |               |               |                    |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Archit. Coating | 42.3273        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |          |           |     |     |      |
| Off-Road        | 0.2045         | 1.4085        | 1.8136        | 2.9700e-003        |               | 0.0817        | 0.0817        |                | 0.0817        | 0.0817        |          |          |           |     |     |      |
| <b>Total</b>    | <b>42.5319</b> | <b>1.4085</b> | <b>1.8136</b> | <b>2.9700e-003</b> |               | <b>0.0817</b> | <b>0.0817</b> |                | <b>0.0817</b> | <b>0.0817</b> |          |          |           |     |     |      |

**Unmitigated Construction Off-Site**

|          | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|
| Category | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |          |           |     |     |      |
| Hauling  | 0.0000 | 0.0000 | 0.0000 | 0.0000      | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          |          |           |     |     |      |
| Vendor   | 0.0000 | 0.0000 | 0.0000 | 0.0000      | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          |          |           |     |     |      |
| Worker   | 0.2169 | 0.1354 | 1.5687 | 5.0200e-003 | 0.5589        | 4.0200e-003  | 0.5629     | 0.1482         | 3.7000e-003   | 0.1519      |          |          |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |               |               |               |                    |               |                    |               |               |                    |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|--------------------|---------------|--|--|--|--|--|--|
| <b>Total</b> | <b>0.2169</b> | <b>0.1354</b> | <b>1.5687</b> | <b>5.0200e-003</b> | <b>0.5589</b> | <b>4.0200e-003</b> | <b>0.5629</b> | <b>0.1482</b> | <b>3.7000e-003</b> | <b>0.1519</b> |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|--------------------|---------------|--|--|--|--|--|--|

**Mitigated Construction On-Site**

|                 | ROG            | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| <b>Category</b> | lb/day         |               |               |                    |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Archit. Coating | 42.3273        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |          |           |     |     |      |
| Off-Road        | 0.2045         | 1.4085        | 1.8136        | 2.9700e-003        |               | 0.0817        | 0.0817        |                | 0.0817        | 0.0817        |          |          |           |     |     |      |
| <b>Total</b>    | <b>42.5319</b> | <b>1.4085</b> | <b>1.8136</b> | <b>2.9700e-003</b> |               | <b>0.0817</b> | <b>0.0817</b> |                | <b>0.0817</b> | <b>0.0817</b> |          |          |           |     |     |      |

**Mitigated Construction Off-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|----------|-----------|-----|-----|------|
| <b>Category</b> | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |          |           |     |     |      |
| Hauling         | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          |          |           |     |     |      |
| Vendor          | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          |          |           |     |     |      |
| Worker          | 0.2169        | 0.1354        | 1.5687        | 5.0200e-003        | 0.5589        | 4.0200e-003        | 0.5629        | 0.1482         | 3.7000e-003        | 0.1519        |          |          |           |     |     |      |
| <b>Total</b>    | <b>0.2169</b> | <b>0.1354</b> | <b>1.5687</b> | <b>5.0200e-003</b> | <b>0.5589</b> | <b>4.0200e-003</b> | <b>0.5629</b> | <b>0.1482</b>  | <b>3.7000e-003</b> | <b>0.1519</b> |          |          |           |     |     |      |

**3.9 Paving - 2022**

**Unmitigated Construction On-Site**

|                 | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| <b>Category</b> | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Off-Road        | 0.2584        | 2.5977        | 3.3048        | 5.0200e-003        |               | 0.1382        | 0.1382        |                | 0.1271        | 0.1271        |          |          |           |     |     |      |
| Paving          | 0.0000        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |          |           |     |     |      |
| <b>Total</b>    | <b>0.2584</b> | <b>2.5977</b> | <b>3.3048</b> | <b>5.0200e-003</b> |               | <b>0.1382</b> | <b>0.1382</b> |                | <b>0.1271</b> | <b>0.1271</b> |          |          |           |     |     |      |

**Unmitigated Construction Off-Site**

|                 | ROG    | NOx    | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|
| <b>Category</b> | lb/day |        |        |        |               |              |            |                |               |             | lb/day   |          |           |     |     |      |
| Hauling         | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          |          |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|              |               |               |               |                    |               |                    |               |               |                    |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|---------------|--------------------|---------------|--|--|--|--|--|--|
| Vendor       | 0.0139        | 0.4534        | 0.1224        | 1.2200e-003        | 0.0320        | 8.8000e-004        | 0.0329        | 9.2100e-003   | 8.4000e-004        | 0.0101        |  |  |  |  |  |  |
| Worker       | 0.0217        | 0.0135        | 0.1569        | 5.0000e-004        | 0.0559        | 4.0000e-004        | 0.0563        | 0.0148        | 3.7000e-004        | 0.0152        |  |  |  |  |  |  |
| <b>Total</b> | <b>0.0356</b> | <b>0.4670</b> | <b>0.2793</b> | <b>1.7200e-003</b> | <b>0.0879</b> | <b>1.2800e-003</b> | <b>0.0892</b> | <b>0.0240</b> | <b>1.2100e-003</b> | <b>0.0252</b> |  |  |  |  |  |  |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 0.2584        | 2.5977        | 3.3048        | 5.0200e-003        |               | 0.1382        | 0.1382        |                | 0.1271        | 0.1271        |          |           |           |     |     |      |
| Paving       | 0.0000        |               |               |                    |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2584</b> | <b>2.5977</b> | <b>3.3048</b> | <b>5.0200e-003</b> |               | <b>0.1382</b> | <b>0.1382</b> |                | <b>0.1271</b> | <b>0.1271</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|----------------|--------------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                |                    |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000         | 0.0000             | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0139        | 0.4534        | 0.1224        | 1.2200e-003        | 0.0320        | 8.8000e-004        | 0.0329        | 9.2100e-003    | 8.4000e-004        | 0.0101        |          |           |           |     |     |      |
| Worker       | 0.0217        | 0.0135        | 0.1569        | 5.0000e-004        | 0.0559        | 4.0000e-004        | 0.0563        | 0.0148         | 3.7000e-004        | 0.0152        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.0356</b> | <b>0.4670</b> | <b>0.2793</b> | <b>1.7200e-003</b> | <b>0.0879</b> | <b>1.2800e-003</b> | <b>0.0892</b> | <b>0.0240</b>  | <b>1.2100e-003</b> | <b>0.0252</b> |          |           |           |     |     |      |

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

- Increase Density
- Improve Walkability Design
- Improve Destination Accessibility
- Increase Transit Accessibility
- Improve Pedestrian Network
- Provide Traffic Calming Measures

|          | ROG    | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day |     |    |     |               |              |            |                |               |             | lb/day   |           |           |     |     |      |
|          |        |     |    |     |               |              |            |                |               |             |          |           |           |     |     |      |

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|             |        |         |         |        |         |        |         |        |        |        |  |  |  |  |  |  |  |  |  |
|-------------|--------|---------|---------|--------|---------|--------|---------|--------|--------|--------|--|--|--|--|--|--|--|--|--|
| Mitigated   | 7.3282 | 29.7241 | 51.1973 | 0.1258 | 8.8460  | 0.1188 | 8.9648  | 2.3666 | 0.1108 | 2.4774 |  |  |  |  |  |  |  |  |  |
| Unmitigated | 9.2078 | 43.4355 | 98.0996 | 0.3236 | 26.6044 | 0.2763 | 26.8806 | 7.1177 | 0.2579 | 7.3756 |  |  |  |  |  |  |  |  |  |

#### 4.2 Trip Summary Information

| Land Use                       | Average Daily Trip Rate |                 |                 | Unmitigated | Mitigated  |
|--------------------------------|-------------------------|-----------------|-----------------|-------------|------------|
|                                | Weekday                 | Saturday        | Sunday          | Annual VMT  | Annual VMT |
| Enclosed Parking with Elevator | 0.00                    | 0.00            | 0.00            |             |            |
| Hotel                          | 3,586.44                | 3,595.02        | 2612.61         | 8,228,823   | 2,736,084  |
| Quality Restaurant             | 2,637.82                | 2,767.13        | 2116.14         | 3,675,485   | 1,222,099  |
| Racquet Club                   | 0.00                    | 0.00            | 0.00            |             |            |
| <b>Total</b>                   | <b>6,224.26</b>         | <b>6,362.15</b> | <b>4,728.75</b> |             |            |

#### 4.3 Trip Type Information

| Land Use                       | Miles      |            |             | Trip %    |            |             | Trip Purpose % |          |         |
|--------------------------------|------------|------------|-------------|-----------|------------|-------------|----------------|----------|---------|
|                                | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C- | H-S or C-C | H-O or C-NW | Primary        | Diverted | Pass-by |
| Enclosed Parking with Elevator | 16.60      | 8.40       | 6.90        | 0.00      | 0.00       | 0.00        | 0              | 0        | 0       |
| Hotel                          | 16.60      | 8.40       | 6.90        | 19.40     | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant             | 16.60      | 8.40       | 6.90        | 12.00     | 69.00      | 19.00       | 38             | 18       | 44      |
| Racquet Club                   | 16.60      | 8.40       | 6.90        | 11.50     | 69.50      | 19.00       | 52             | 39       | 9       |

#### 4.4 Fleet Mix

| Land Use                       | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Enclosed Parking with Elevator | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |
| Hotel                          | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |
| Quality Restaurant             | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |
| Racquet Club                   | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

Install High Efficiency Lighting

| Category                | ROG    | NOx    | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------------------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|                         | lb/day |        |        |        |               |              |            |                |               |             | lb/day   |           |           |     |     |      |
| Natural Gas Mitigated   | 0.4908 | 4.4614 | 3.7475 | 0.0268 |               | 0.3391       | 0.3391     |                | 0.3391        | 0.3391      |          |           |           |     |     |      |
| Natural Gas Unmitigated | 0.4908 | 4.4614 | 3.7475 | 0.0268 |               | 0.3391       | 0.3391     |                | 0.3391        | 0.3391      |          |           |           |     |     |      |

#### 5.2 Energy by Land Use - Natural Gas

##### Unmitigated



100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|                                | Natural Gas Use | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Land Use                       | kBTU/yr         | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Enclosed Parking with Elevator | 0               | 0.0000        | 0.0000        | 0.0000        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Hotel                          | 29309.7         | 0.3161        | 2.8735        | 2.4137        | 0.0172        |               | 0.2184        | 0.2184        |                | 0.2184        | 0.2184        |          |           |           |     |     |      |
| Quality Restaurant             | 14864.7         | 0.1603        | 1.4573        | 1.2242        | 8.7400e-003   |               | 0.1108        | 0.1108        |                | 0.1108        | 0.1108        |          |           |           |     |     |      |
| Racquet Club                   | 1331.32         | 0.0144        | 0.1305        | 0.1096        | 7.8000e-004   |               | 9.9200e-003   | 9.9200e-003   |                | 9.9200e-003   | 9.9200e-003   |          |           |           |     |     |      |
| <b>Total</b>                   |                 | <b>0.4908</b> | <b>4.4614</b> | <b>3.7475</b> | <b>0.0268</b> |               | <b>0.3391</b> | <b>0.3391</b> |                | <b>0.3391</b> | <b>0.3391</b> |          |           |           |     |     |      |

**Mitigated**

|                                | Natural Gas Use | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Land Use                       | kBTU/yr         | lb/day        |               |               |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Enclosed Parking with Elevator | 0               | 0.0000        | 0.0000        | 0.0000        | 0.0000        |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        |          |           |           |     |     |      |
| Hotel                          | 29.3097         | 0.3161        | 2.8735        | 2.4137        | 0.0172        |               | 0.2184        | 0.2184        |                | 0.2184        | 0.2184        |          |           |           |     |     |      |
| Quality Restaurant             | 14.8647         | 0.1603        | 1.4573        | 1.2242        | 8.7400e-003   |               | 0.1108        | 0.1108        |                | 0.1108        | 0.1108        |          |           |           |     |     |      |
| Racquet Club                   | 1.33132         | 0.0144        | 0.1305        | 0.1096        | 7.8000e-004   |               | 9.9200e-003   | 9.9200e-003   |                | 9.9200e-003   | 9.9200e-003   |          |           |           |     |     |      |
| <b>Total</b>                   |                 | <b>0.4908</b> | <b>4.4614</b> | <b>3.7475</b> | <b>0.0268</b> |               | <b>0.3391</b> | <b>0.3391</b> |                | <b>0.3391</b> | <b>0.3391</b> |          |           |           |     |     |      |

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

No Hearths Installed

|             | ROG     | NOx         | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-------------|---------|-------------|--------|--------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category    | lb/day  |             |        |        |               |              |             |                |               |             | lb/day   |           |           |     |     |      |
| Mitigated   | 11.1147 | 5.9000e-004 | 0.0645 | 0.0000 |               | 2.3000e-004  | 2.3000e-004 | 2.3000e-004    | 2.3000e-004   | 2.3000e-004 |          |           |           |     |     |      |
| Unmitigated | 11.1147 | 5.9000e-004 | 0.0645 | 0.0000 |               | 2.3000e-004  | 2.3000e-004 | 2.3000e-004    | 2.3000e-004   | 2.3000e-004 |          |           |           |     |     |      |

**6.2 Area by SubCategory**

**Unmitigated**

|  | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

| SubCategory           | lb/day         |                    |               |               |  |                    |                    |  | lb/day |                    |                    |  |  |  |  |  |  |
|-----------------------|----------------|--------------------|---------------|---------------|--|--------------------|--------------------|--|--------|--------------------|--------------------|--|--|--|--|--|--|
| Architectural Coating | 1.2640         |                    |               |               |  | 0.0000             | 0.0000             |  |        | 0.0000             | 0.0000             |  |  |  |  |  |  |
| Consumer Products     | 9.8447         |                    |               |               |  | 0.0000             | 0.0000             |  |        | 0.0000             | 0.0000             |  |  |  |  |  |  |
| Landscaping           | 6.0000e-003    | 5.9000e-004        | 0.0645        | 0.0000        |  | 2.3000e-004        | 2.3000e-004        |  |        | 2.3000e-004        | 2.3000e-004        |  |  |  |  |  |  |
| <b>Total</b>          | <b>11.1147</b> | <b>5.9000e-004</b> | <b>0.0645</b> | <b>0.0000</b> |  | <b>2.3000e-004</b> | <b>2.3000e-004</b> |  |        | <b>2.3000e-004</b> | <b>2.3000e-004</b> |  |  |  |  |  |  |

**Mitigated**

| SubCategory           | ROG            | NOx                | CO            | SO2           | Fugitive PM10 | Exhaust PM10       | PM10 Total         | Fugitive PM2.5 | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------------|----------------|--------------------|---------------|---------------|---------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Architectural Coating | 1.2640         |                    |               |               |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Consumer Products     | 9.8447         |                    |               |               |               | 0.0000             | 0.0000             |                | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Landscaping           | 6.0000e-003    | 5.9000e-004        | 0.0645        | 0.0000        |               | 2.3000e-004        | 2.3000e-004        |                | 2.3000e-004        | 2.3000e-004        |          |           |           |     |     |      |
| <b>Total</b>          | <b>11.1147</b> | <b>5.9000e-004</b> | <b>0.0645</b> | <b>0.0000</b> |               | <b>2.3000e-004</b> | <b>2.3000e-004</b> |                | <b>2.3000e-004</b> | <b>2.3000e-004</b> |          |           |           |     |     |      |

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

**9.0 Operational Offroad**

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

| Equipment Type      | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|---------------------|--------|-----------|------------|-------------|-------------|-----------|
| Emergency Generator | 1      | 1         | 12         | 300         | 0.73        | Diesel    |

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**10.1 Stationary Sources**

**Unmitigated/Mitigated**

100 E. Ocean  
Project Construction and Operational Emissions (Winter)

|                                            | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |  |
|--------------------------------------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|--|
| Equipment Type                             | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |          |           |     |     |      |  |
| Emergency Generator - Diesel (600,000 lbs) | 0.4923        | 1.3760        | 1.2553        | 2.3700e-003        |               | 0.0724        | 0.0724        |                | 0.0724        | 0.0724        |          |          |           |     |     |      |  |
| <b>Total</b>                               | <b>0.4923</b> | <b>1.3760</b> | <b>1.2553</b> | <b>2.3700e-003</b> |               | <b>0.0724</b> | <b>0.0724</b> |                | <b>0.0724</b> | <b>0.0724</b> |          |          |           |     |     |      |  |

### 11.0 Vegetation

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100 E. Ocean Blvd - Construction (On-site) - South Coast Air Basin, Winter

**100 E. Ocean Blvd - Construction (On-site)**  
**South Coast Air Basin, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

| Land Uses                      | Size   | Metric   | Lot Acreage | Floor Surface Area | Population |
|--------------------------------|--------|----------|-------------|--------------------|------------|
| Enclosed Parking with Elevator | 151.00 | Space    | 0.85        | 40,593.00          | 0          |
| Hotel                          | 429.00 | Room     | 14.30       | 446,123.00         | 0          |
| Quality Restaurant             | 23.51  | 1000sqft | 0.54        | 23,512.00          | 0          |
| Racquet Club                   | 26.85  | 1000sqft | 0.62        | 26,847.00          | 0          |

**1.2 Other Project Characteristics**

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 31    |
| <b>Climate Zone</b>             | 11                         |                                 |       | <b>Operational Year</b>          | 2022  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 549                        | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - 2017 Southern California Edison Carbon Intensity

Land Use - see assumptions

Construction Phase - see assumptions

Off-road Equipment -

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Mat Foundation truck trips calculated using spreadsheet

Demolition - see construction assumptions

Grading - see construction assumptions

Vehicle Trips - see assumptions

Woodstoves - no hearths

Energy Use - see assumptions

Construction Off-road Equipment Mitigation - Tier 4 during Grading

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

100 E. Ocean  
Construction Emissions (Onsite)

Stationary Sources - Emergency Generators and Fire Pumps -

| Table Name              | Column Name                | Default Value | New Value    |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 2.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 3.00         |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstructionPhase    | NumDays                    | 20.00         | 109.00       |
| tblConstructionPhase    | NumDays                    | 300.00        | 3.00         |
| tblConstructionPhase    | NumDays                    | 300.00        | 44.00        |
| tblConstructionPhase    | NumDays                    | 300.00        | 451.00       |
| tblConstructionPhase    | NumDays                    | 300.00        | 211.00       |
| tblConstructionPhase    | NumDays                    | 20.00         | 25.00        |
| tblConstructionPhase    | NumDays                    | 30.00         | 20.00        |
| tblConstructionPhase    | NumDays                    | 20.00         | 66.00        |
| tblEnergyUse            | T24E                       | 3.92          | 0.43         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |

100 E. Ocean  
Construction Emissions (Onsite)

|                     |                            |             |             |
|---------------------|----------------------------|-------------|-------------|
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblGrading          | AcresOfGrading             | 0.00        | 0.85        |
| tblGrading          | MaterialExported           | 0.00        | 23,500.00   |
| tblLandUse          | LandUseSquareFeet          | 60,400.00   | 40,593.00   |
| tblLandUse          | LandUseSquareFeet          | 622,908.00  | 446,123.00  |
| tblLandUse          | LandUseSquareFeet          | 23,510.00   | 23,512.00   |
| tblLandUse          | LandUseSquareFeet          | 26,850.00   | 26,847.00   |
| tblLandUse          | LotAcreage                 | 1.36        | 0.85        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00        | 1.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 2.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 1.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |

100 E. Ocean  
Construction Emissions (Onsite)

|                           |                            |          |          |
|---------------------------|----------------------------|----------|----------|
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 2.00     |
| tblOffRoadEquipment       | UsageHours                 | 8.00     | 6.00     |
| tblOffRoadEquipment       | UsageHours                 | 8.00     | 6.00     |
| tblOffRoadEquipment       | UsageHours                 | 7.00     | 8.00     |
| tblOffRoadEquipment       | UsageHours                 | 7.00     | 8.00     |
| tblProjectCharacteristics | CO2IntensityFactor         | 702.44   | 549      |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 0.10     |
| tblTripsAndVMT            | HaulingTripNumber          | 237.00   | 1,250.00 |
| tblTripsAndVMT            | HaulingTripNumber          | 2,938.00 | 2,000.00 |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.10     |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 0.00     |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 50.00    |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 15.00    |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 5.00     |
| tblTripsAndVMT            | VendorTripNumber           | 0.00     | 5.00     |
| tblTripsAndVMT            | VendorVehicleClass         | HDT_Mix  | HHDT     |
| tblTripsAndVMT            | WorkerTripLength           | 14.70    | 0.10     |
| tblTripsAndVMT            | WorkerTripLength           | 14.70    | 0.10     |
| tblTripsAndVMT            | WorkerTripLength           | 14.70    | 0.10     |
| tblTripsAndVMT            | WorkerTripLength           | 14.70    | 0.10     |
| tblTripsAndVMT            | WorkerTripLength           | 14.70    | 0.10     |

100 E. Ocean  
Construction Emissions (Onsite)

|                |                  |             |             |
|----------------|------------------|-------------|-------------|
| tblTripsAndVMT | WorkerTripLength | 14.70       | 0.10        |
| tblTripsAndVMT | WorkerTripLength | 14.70       | 0.10        |
| tblTripsAndVMT | WorkerTripLength | 14.70       | 0.10        |
| tblTripsAndVMT | WorkerTripNumber | 15.00       | 13.00       |
| tblTripsAndVMT | WorkerTripNumber | 226.00      | 248.00      |
| tblTripsAndVMT | WorkerTripNumber | 226.00      | 248.00      |
| tblTripsAndVMT | WorkerTripNumber | 226.00      | 248.00      |
| tblTripsAndVMT | WorkerTripNumber | 226.00      | 248.00      |
| tblTripsAndVMT | WorkerTripNumber | 45.00       | 50.00       |
| tblVehicleEF   | HHD              | 0.67        | 0.71        |
| tblVehicleEF   | HHD              | 0.10        | 0.10        |
| tblVehicleEF   | HHD              | 0.08        | 0.09        |
| tblVehicleEF   | HHD              | 2.43        | 2.56        |
| tblVehicleEF   | HHD              | 1.04        | 1.05        |
| tblVehicleEF   | HHD              | 3.01        | 3.07        |
| tblVehicleEF   | HHD              | 4,575.00    | 4,614.35    |
| tblVehicleEF   | HHD              | 1,616.40    | 1,636.80    |
| tblVehicleEF   | HHD              | 9.63        | 9.65        |
| tblVehicleEF   | HHD              | 19.99       | 21.22       |
| tblVehicleEF   | HHD              | 3.61        | 4.00        |
| tblVehicleEF   | HHD              | 19.66       | 19.68       |
| tblVehicleEF   | HHD              | 0.01        | 0.02        |
| tblVehicleEF   | HHD              | 0.06        | 0.06        |
| tblVehicleEF   | HHD              | 0.02        | 0.02        |
| tblVehicleEF   | HHD              | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF   | HHD              | 0.01        | 0.02        |
| tblVehicleEF   | HHD              | 0.01        | 0.02        |
| tblVehicleEF   | HHD              | 1.0100e-004 | 1.0700e-004 |
| tblVehicleEF   | HHD              | 4.2560e-003 | 4.4990e-003 |
| tblVehicleEF   | HHD              | 0.60        | 0.64        |
| tblVehicleEF   | HHD              | 7.3000e-005 | 7.7000e-005 |
| tblVehicleEF   | HHD              | 0.13        | 0.14        |
| tblVehicleEF   | HHD              | 3.5800e-004 | 3.9200e-004 |
| tblVehicleEF   | HHD              | 0.07        | 0.08        |
| tblVehicleEF   | HHD              | 0.04        | 0.04        |
| tblVehicleEF   | HHD              | 0.01        | 0.02        |
| tblVehicleEF   | HHD              | 1.4600e-004 | 1.4700e-004 |
| tblVehicleEF   | HHD              | 1.0100e-004 | 1.0700e-004 |
| tblVehicleEF   | HHD              | 4.2560e-003 | 4.4990e-003 |
| tblVehicleEF   | HHD              | 0.70        | 0.74        |
| tblVehicleEF   | HHD              | 7.3000e-005 | 7.7000e-005 |
| tblVehicleEF   | HHD              | 0.24        | 0.25        |
| tblVehicleEF   | HHD              | 3.5800e-004 | 3.9200e-004 |
| tblVehicleEF   | HHD              | 0.08        | 0.09        |
| tblVehicleEF   | HHD              | 0.63        | 0.67        |
| tblVehicleEF   | HHD              | 0.10        | 0.10        |
| tblVehicleEF   | HHD              | 0.08        | 0.08        |
| tblVehicleEF   | HHD              | 1.76        | 1.86        |



100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 1.05        | 1.05        |
| tblVehicleEF | HHD | 2.86        | 2.92        |
| tblVehicleEF | HHD | 4,846.62    | 4,886.91    |
| tblVehicleEF | HHD | 1,616.40    | 1,636.80    |
| tblVehicleEF | HHD | 9.63        | 9.65        |
| tblVehicleEF | HHD | 20.63       | 21.90       |
| tblVehicleEF | HHD | 3.41        | 3.78        |
| tblVehicleEF | HHD | 19.65       | 19.67       |
| tblVehicleEF | HHD | 0.01        | 0.01        |
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.01        | 0.01        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.5900e-004 | 1.6900e-004 |
| tblVehicleEF | HHD | 4.4210e-003 | 4.6790e-003 |
| tblVehicleEF | HHD | 0.57        | 0.60        |
| tblVehicleEF | HHD | 1.1200e-004 | 1.1900e-004 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.5000e-004 | 3.8400e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |
| tblVehicleEF | HHD | 0.04        | 0.05        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4300e-004 | 1.4500e-004 |
| tblVehicleEF | HHD | 1.5900e-004 | 1.6900e-004 |
| tblVehicleEF | HHD | 4.4210e-003 | 4.6790e-003 |
| tblVehicleEF | HHD | 0.66        | 0.70        |
| tblVehicleEF | HHD | 1.1200e-004 | 1.1900e-004 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.5000e-004 | 3.8400e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 0.73        | 0.76        |
| tblVehicleEF | HHD | 0.10        | 0.10        |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 3.34        | 3.52        |
| tblVehicleEF | HHD | 1.04        | 1.05        |
| tblVehicleEF | HHD | 3.03        | 3.09        |
| tblVehicleEF | HHD | 4,199.91    | 4,237.96    |
| tblVehicleEF | HHD | 1,616.40    | 1,636.80    |
| tblVehicleEF | HHD | 9.63        | 9.65        |
| tblVehicleEF | HHD | 19.10       | 20.29       |
| tblVehicleEF | HHD | 3.55        | 3.93        |
| tblVehicleEF | HHD | 19.66       | 19.68       |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.02        | 0.02        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 9.9000e-005 | 1.0600e-004 |
| tblVehicleEF | HHD | 4.5600e-003 | 4.8510e-003 |
| tblVehicleEF | HHD | 0.65        | 0.69        |
| tblVehicleEF | HHD | 7.2000e-005 | 7.6000e-005 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.8800e-004 | 4.2400e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |
| tblVehicleEF | HHD | 0.04        | 0.04        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4600e-004 | 1.4800e-004 |
| tblVehicleEF | HHD | 9.9000e-005 | 1.0600e-004 |
| tblVehicleEF | HHD | 4.5600e-003 | 4.8510e-003 |
| tblVehicleEF | HHD | 0.76        | 0.80        |
| tblVehicleEF | HHD | 7.2000e-005 | 7.6000e-005 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.8800e-004 | 4.2400e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | LDA | 4.7320e-003 | 5.2370e-003 |
| tblVehicleEF | LDA | 5.1190e-003 | 5.8590e-003 |
| tblVehicleEF | LDA | 0.61        | 0.66        |
| tblVehicleEF | LDA | 1.10        | 1.22        |
| tblVehicleEF | LDA | 264.52      | 275.64      |
| tblVehicleEF | LDA | 56.84       | 58.98       |
| tblVehicleEF | LDA | 0.05        | 0.05        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.10        | 0.10        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.01        | 0.01        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.6490e-003 | 2.7610e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 6.1000e-004 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.10        | 0.10        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.02        | 0.02        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.08        | 0.09        |
| tblVehicleEF | LDA | 5.0590e-003 | 5.5960e-003 |
| tblVehicleEF | LDA | 4.5320e-003 | 5.1860e-003 |
| tblVehicleEF | LDA | 0.68        | 0.73        |
| tblVehicleEF | LDA | 0.94        | 1.04        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 278.28      | 289.97      |
| tblVehicleEF | LDA | 56.84       | 58.98       |
| tblVehicleEF | LDA | 0.04        | 0.05        |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 0.10        | 0.11        |
| tblVehicleEF | LDA | 0.05        | 0.06        |
| tblVehicleEF | LDA | 0.01        | 0.01        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 2.7880e-003 | 2.9050e-003 |
| tblVehicleEF | LDA | 5.8400e-004 | 6.0700e-004 |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 0.10        | 0.11        |
| tblVehicleEF | LDA | 0.05        | 0.06        |
| tblVehicleEF | LDA | 0.02        | 0.02        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 4.6390e-003 | 5.1330e-003 |
| tblVehicleEF | LDA | 5.2220e-003 | 5.9780e-003 |
| tblVehicleEF | LDA | 0.59        | 0.63        |
| tblVehicleEF | LDA | 1.13        | 1.25        |
| tblVehicleEF | LDA | 260.28      | 271.21      |
| tblVehicleEF | LDA | 56.84       | 58.98       |
| tblVehicleEF | LDA | 0.05        | 0.05        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.11        | 0.11        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.01        | 0.01        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.6070e-003 | 2.7160e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 6.1100e-004 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.11        | 0.11        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.02        | 0.02        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.08        | 0.09        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 1.50        | 1.65        |
| tblVehicleEF | LDT1 | 2.78        | 3.09        |
| tblVehicleEF | LDT1 | 329.98      | 340.20      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.14        | 0.16        |
| tblVehicleEF | LDT1 | 0.16        | 0.18        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.27        | 0.29        |
| tblVehicleEF | LDT1 | 0.11        | 0.11        |
| tblVehicleEF | LDT1 | 0.03        | 0.04        |
| tblVehicleEF | LDT1 | 0.17        | 0.18        |
| tblVehicleEF | LDT1 | 0.19        | 0.22        |
| tblVehicleEF | LDT1 | 3.3190e-003 | 3.4230e-003 |
| tblVehicleEF | LDT1 | 7.4600e-004 | 7.7000e-004 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.27        | 0.29        |
| tblVehicleEF | LDT1 | 0.11        | 0.11        |
| tblVehicleEF | LDT1 | 0.05        | 0.05        |
| tblVehicleEF | LDT1 | 0.17        | 0.18        |
| tblVehicleEF | LDT1 | 0.21        | 0.24        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 1.65        | 1.80        |
| tblVehicleEF | LDT1 | 2.36        | 2.62        |
| tblVehicleEF | LDT1 | 345.91      | 356.62      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.12        | 0.14        |
| tblVehicleEF | LDT1 | 0.15        | 0.17        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.21        | 0.23        |
| tblVehicleEF | LDT1 | 0.29        | 0.31        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.04        | 0.04        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.17        | 0.19        |
| tblVehicleEF | LDT1 | 3.4800e-003 | 3.5890e-003 |
| tblVehicleEF | LDT1 | 7.3900e-004 | 7.6200e-004 |
| tblVehicleEF | LDT1 | 0.21        | 0.23        |
| tblVehicleEF | LDT1 | 0.29        | 0.31        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.05        | 0.06        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.18        | 0.21        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 1.46        | 1.60        |
| tblVehicleEF | LDT1 | 2.85        | 3.17        |
| tblVehicleEF | LDT1 | 324.92      | 335.00      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.14        | 0.15        |
| tblVehicleEF | LDT1 | 0.16        | 0.18        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.31        | 0.33        |
| tblVehicleEF | LDT1 | 0.10        | 0.11        |
| tblVehicleEF | LDT1 | 0.03        | 0.04        |
| tblVehicleEF | LDT1 | 0.20        | 0.21        |
| tblVehicleEF | LDT1 | 0.20        | 0.22        |
| tblVehicleEF | LDT1 | 3.2670e-003 | 3.3700e-003 |
| tblVehicleEF | LDT1 | 7.4700e-004 | 7.7200e-004 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.31        | 0.33        |
| tblVehicleEF | LDT1 | 0.10        | 0.11        |
| tblVehicleEF | LDT1 | 0.05        | 0.05        |
| tblVehicleEF | LDT1 | 0.20        | 0.21        |
| tblVehicleEF | LDT1 | 0.21        | 0.24        |
| tblVehicleEF | LDT2 | 6.5030e-003 | 7.0730e-003 |
| tblVehicleEF | LDT2 | 6.3830e-003 | 7.2060e-003 |
| tblVehicleEF | LDT2 | 0.79        | 0.84        |
| tblVehicleEF | LDT2 | 1.35        | 1.49        |
| tblVehicleEF | LDT2 | 369.75      | 383.00      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.08        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.09        | 0.10        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 3.7040e-003 | 3.8370e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 8.3500e-004 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.03        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.09        | 0.11        |
| tblVehicleEF | LDT2 | 6.9410e-003 | 7.5460e-003 |
| tblVehicleEF | LDT2 | 5.6550e-003 | 6.3840e-003 |
| tblVehicleEF | LDT2 | 0.88        | 0.94        |
| tblVehicleEF | LDT2 | 1.16        | 1.28        |
| tblVehicleEF | LDT2 | 388.22      | 402.13      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.08        | 0.09        |
| tblVehicleEF | LDT2 | 3.8890e-003 | 4.0290e-003 |
| tblVehicleEF | LDT2 | 8.0300e-004 | 8.3200e-004 |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.03        | 0.03        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.08        | 0.09        |
| tblVehicleEF | LDT2 | 6.3770e-003 | 6.9360e-003 |
| tblVehicleEF | LDT2 | 6.5100e-003 | 7.3510e-003 |
| tblVehicleEF | LDT2 | 0.77        | 0.82        |
| tblVehicleEF | LDT2 | 1.39        | 1.53        |
| tblVehicleEF | LDT2 | 363.95      | 376.98      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 0.04        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.09        | 0.10        |
| tblVehicleEF | LDT2 | 3.6450e-003 | 3.7760e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 8.3600e-004 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.04        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.03        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.82        | 0.91        |
| tblVehicleEF | LHD1 | 2.61        | 2.82        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.18        | 1.29        |
| tblVehicleEF | LHD1 | 1.00        | 1.05        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 3.1050e-003 | 3.2410e-003 |
| tblVehicleEF | LHD1 | 0.10        | 0.10        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9050e-003 |
| tblVehicleEF | LHD1 | 0.06        | 0.07        |
| tblVehicleEF | LHD1 | 0.30        | 0.31        |
| tblVehicleEF | LHD1 | 0.26        | 0.28        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 3.8800e-004 |
| tblVehicleEF | LHD1 | 3.1050e-003 | 3.2410e-003 |
| tblVehicleEF | LHD1 | 0.10        | 0.10        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9050e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.30        | 0.31        |
| tblVehicleEF | LHD1 | 0.28        | 0.31        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.83        | 0.93        |
| tblVehicleEF | LHD1 | 2.49        | 2.69        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.11        | 1.21        |
| tblVehicleEF | LHD1 | 0.95        | 1.01        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 4.7620e-003 | 4.9770e-003 |
| tblVehicleEF | LHD1 | 0.11        | 0.11        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 2.7490e-003 | 2.8490e-003 |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 0.30        | 0.30        |
| tblVehicleEF | LHD1 | 0.25        | 0.27        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7200e-004 | 3.8600e-004 |
| tblVehicleEF | LHD1 | 4.7620e-003 | 4.9770e-003 |
| tblVehicleEF | LHD1 | 0.11        | 0.11        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 2.7490e-003 | 2.8490e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.30        | 0.30        |
| tblVehicleEF | LHD1 | 0.27        | 0.30        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.82        | 0.91        |
| tblVehicleEF | LHD1 | 2.62        | 2.83        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.16        | 1.27        |
| tblVehicleEF | LHD1 | 1.00        | 1.06        |



100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 3.2410e-003 | 3.4040e-003 |
| tblVehicleEF | LHD1 | 0.12        | 0.12        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9090e-003 |
| tblVehicleEF | LHD1 | 0.06        | 0.07        |
| tblVehicleEF | LHD1 | 0.33        | 0.34        |
| tblVehicleEF | LHD1 | 0.26        | 0.28        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 3.8900e-004 |
| tblVehicleEF | LHD1 | 3.2410e-003 | 3.4040e-003 |
| tblVehicleEF | LHD1 | 0.12        | 0.12        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9090e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.33        | 0.34        |
| tblVehicleEF | LHD1 | 0.28        | 0.31        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.1770e-003 | 4.8360e-003 |
| tblVehicleEF | LHD2 | 8.3290e-003 | 9.6030e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.40        |
| tblVehicleEF | LHD2 | 1.31        | 1.43        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.79        | 0.92        |
| tblVehicleEF | LHD2 | 0.55        | 0.60        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.1420e-003 | 1.2560e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 7.3400e-004 | 7.8900e-004 |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.11        | 0.13        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 3.0700e-004 |
| tblVehicleEF | LHD2 | 1.1420e-003 | 1.2560e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 7.3400e-004 | 7.8900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.2300e-003 | 4.9030e-003 |
| tblVehicleEF | LHD2 | 8.0420e-003 | 9.2650e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.41        |
| tblVehicleEF | LHD2 | 1.25        | 1.37        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.75        | 0.87        |
| tblVehicleEF | LHD2 | 0.53        | 0.57        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.7400e-003 | 1.9160e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 1.0770e-003 | 1.1630e-003 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.11        | 0.12        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9400e-004 | 3.0500e-004 |
| tblVehicleEF | LHD2 | 1.7400e-003 | 1.9160e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 1.0770e-003 | 1.1630e-003 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.1650e-003 | 4.8210e-003 |
| tblVehicleEF | LHD2 | 8.3690e-003 | 9.6490e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.40        |
| tblVehicleEF | LHD2 | 1.31        | 1.44        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.78        | 0.91        |
| tblVehicleEF | LHD2 | 0.55        | 0.60        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.2860e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.05        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 7.2200e-004 | 7.7900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.09        | 0.10        |
| tblVehicleEF | LHD2 | 0.11        | 0.13        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 3.0700e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.2860e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.05        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 7.2200e-004 | 7.7900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.09        | 0.10        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | MCY  | 0.51        | 0.51        |
| tblVehicleEF | MCY  | 0.15        | 0.15        |
| tblVehicleEF | MCY  | 18.80       | 19.07       |
| tblVehicleEF | MCY  | 9.65        | 9.63        |
| tblVehicleEF | MCY  | 183.48      | 182.98      |
| tblVehicleEF | MCY  | 44.84       | 45.23       |
| tblVehicleEF | MCY  | 1.13        | 1.13        |
| tblVehicleEF | MCY  | 0.31        | 0.31        |
| tblVehicleEF | MCY  | 2.2940e-003 | 2.2410e-003 |
| tblVehicleEF | MCY  | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY  | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY  | 3.5480e-003 | 3.6310e-003 |

100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 1.14        | 1.14        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 0.68        | 0.68        |
| tblVehicleEF | MCY | 2.48        | 2.50        |
| tblVehicleEF | MCY | 0.62        | 0.64        |
| tblVehicleEF | MCY | 2.05        | 2.06        |
| tblVehicleEF | MCY | 6.6700e-004 | 6.7000e-004 |
| tblVehicleEF | MCY | 1.14        | 1.14        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 0.68        | 0.68        |
| tblVehicleEF | MCY | 3.09        | 3.10        |
| tblVehicleEF | MCY | 0.62        | 0.64        |
| tblVehicleEF | MCY | 2.23        | 2.25        |
| tblVehicleEF | MCY | 0.50        | 0.50        |
| tblVehicleEF | MCY | 0.13        | 0.13        |
| tblVehicleEF | MCY | 18.21       | 18.47       |
| tblVehicleEF | MCY | 8.85        | 8.84        |
| tblVehicleEF | MCY | 183.48      | 182.98      |
| tblVehicleEF | MCY | 44.84       | 45.23       |
| tblVehicleEF | MCY | 0.98        | 0.99        |
| tblVehicleEF | MCY | 0.29        | 0.29        |
| tblVehicleEF | MCY | 2.2940e-003 | 2.2410e-003 |
| tblVehicleEF | MCY | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY | 1.89        | 1.89        |
| tblVehicleEF | MCY | 0.77        | 0.78        |
| tblVehicleEF | MCY | 1.19        | 1.20        |
| tblVehicleEF | MCY | 2.43        | 2.44        |
| tblVehicleEF | MCY | 0.59        | 0.60        |
| tblVehicleEF | MCY | 1.83        | 1.84        |
| tblVehicleEF | MCY | 2.2060e-003 | 2.2050e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 6.5100e-004 |
| tblVehicleEF | MCY | 1.89        | 1.89        |
| tblVehicleEF | MCY | 0.77        | 0.78        |
| tblVehicleEF | MCY | 1.19        | 1.20        |
| tblVehicleEF | MCY | 3.02        | 3.03        |
| tblVehicleEF | MCY | 0.59        | 0.60        |
| tblVehicleEF | MCY | 1.99        | 2.00        |
| tblVehicleEF | MCY | 0.51        | 0.51        |
| tblVehicleEF | MCY | 0.15        | 0.15        |
| tblVehicleEF | MCY | 18.82       | 19.09       |
| tblVehicleEF | MCY | 9.73        | 9.71        |
| tblVehicleEF | MCY | 183.48      | 182.98      |
| tblVehicleEF | MCY | 44.84       | 45.23       |
| tblVehicleEF | MCY | 1.10        | 1.10        |
| tblVehicleEF | MCY | 0.31        | 0.31        |
| tblVehicleEF | MCY | 2.2940e-003 | 2.2410e-003 |

100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY | 1.26        | 1.26        |
| tblVehicleEF | MCY | 0.87        | 0.89        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 2.49        | 2.51        |
| tblVehicleEF | MCY | 0.71        | 0.73        |
| tblVehicleEF | MCY | 2.08        | 2.09        |
| tblVehicleEF | MCY | 2.2180e-003 | 2.2170e-003 |
| tblVehicleEF | MCY | 6.6900e-004 | 6.7300e-004 |
| tblVehicleEF | MCY | 1.26        | 1.26        |
| tblVehicleEF | MCY | 0.87        | 0.89        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 3.10        | 3.11        |
| tblVehicleEF | MCY | 0.71        | 0.73        |
| tblVehicleEF | MCY | 2.27        | 2.28        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.02        |
| tblVehicleEF | MDV | 1.28        | 1.48        |
| tblVehicleEF | MDV | 2.55        | 2.84        |
| tblVehicleEF | MDV | 499.94      | 515.84      |
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.14        | 0.16        |
| tblVehicleEF | MDV | 0.23        | 0.26        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.16        | 0.17        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.19        | 0.22        |
| tblVehicleEF | MDV | 5.0080e-003 | 5.1700e-003 |
| tblVehicleEF | MDV | 1.0890e-003 | 1.1250e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.16        | 0.17        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.05        | 0.06        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.21        | 0.24        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 1.42        | 1.62        |
| tblVehicleEF | MDV | 2.17        | 2.43        |
| tblVehicleEF | MDV | 524.64      | 541.35      |

100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.12        | 0.14        |
| tblVehicleEF | MDV | 0.21        | 0.24        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.12        | 0.12        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.17        | 0.19        |
| tblVehicleEF | MDV | 5.2560e-003 | 5.4270e-003 |
| tblVehicleEF | MDV | 1.0820e-003 | 1.1180e-003 |
| tblVehicleEF | MDV | 0.12        | 0.12        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.05        | 0.06        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.19        | 0.21        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.02        |
| tblVehicleEF | MDV | 1.24        | 1.43        |
| tblVehicleEF | MDV | 2.61        | 2.91        |
| tblVehicleEF | MDV | 492.31      | 507.96      |
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.14        | 0.16        |
| tblVehicleEF | MDV | 0.23        | 0.26        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.20        | 0.22        |
| tblVehicleEF | MDV | 4.9310e-003 | 5.0910e-003 |
| tblVehicleEF | MDV | 1.0900e-003 | 1.1270e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.04        | 0.05        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.22        | 0.25        |
| tblVehicleEF | MH  | 0.03        | 0.03        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |    |             |             |
|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 2.16        | 2.62        |
| tblVehicleEF | MH | 5.62        | 6.15        |
| tblVehicleEF | MH | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH | 59.31       | 59.77       |
| tblVehicleEF | MH | 1.21        | 1.30        |
| tblVehicleEF | MH | 0.79        | 0.84        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH | 1.02        | 1.12        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.42        | 0.46        |
| tblVehicleEF | MH | 0.08        | 0.10        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.32        | 0.35        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 6.9100e-004 | 7.0500e-004 |
| tblVehicleEF | MH | 1.02        | 1.12        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.42        | 0.46        |
| tblVehicleEF | MH | 0.12        | 0.14        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.35        | 0.39        |
| tblVehicleEF | MH | 0.03        | 0.03        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 2.23        | 2.70        |
| tblVehicleEF | MH | 5.28        | 5.78        |
| tblVehicleEF | MH | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH | 59.31       | 59.77       |
| tblVehicleEF | MH | 1.12        | 1.20        |
| tblVehicleEF | MH | 0.76        | 0.81        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH | 1.55        | 1.71        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.64        | 0.70        |
| tblVehicleEF | MH | 0.09        | 0.10        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.31        | 0.34        |
| tblVehicleEF | MH | 0.01        | 0.01        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MH  | 6.8500e-004 | 6.9800e-004 |
| tblVehicleEF | MH  | 1.55        | 1.71        |
| tblVehicleEF | MH  | 0.07        | 0.08        |
| tblVehicleEF | MH  | 0.64        | 0.70        |
| tblVehicleEF | MH  | 0.12        | 0.14        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.34        | 0.37        |
| tblVehicleEF | MH  | 0.03        | 0.03        |
| tblVehicleEF | MH  | 0.02        | 0.03        |
| tblVehicleEF | MH  | 2.15        | 2.60        |
| tblVehicleEF | MH  | 5.66        | 6.19        |
| tblVehicleEF | MH  | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH  | 59.31       | 59.77       |
| tblVehicleEF | MH  | 1.19        | 1.28        |
| tblVehicleEF | MH  | 0.80        | 0.85        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 0.02        | 0.03        |
| tblVehicleEF | MH  | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH  | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH  | 1.15        | 1.27        |
| tblVehicleEF | MH  | 0.09        | 0.09        |
| tblVehicleEF | MH  | 0.44        | 0.48        |
| tblVehicleEF | MH  | 0.08        | 0.10        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.32        | 0.36        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 6.9200e-004 | 7.0600e-004 |
| tblVehicleEF | MH  | 1.15        | 1.27        |
| tblVehicleEF | MH  | 0.09        | 0.09        |
| tblVehicleEF | MH  | 0.44        | 0.48        |
| tblVehicleEF | MH  | 0.11        | 0.14        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.35        | 0.39        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1360e-003 | 4.8170e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.36        | 0.37        |
| tblVehicleEF | MHD | 0.32        | 0.37        |
| tblVehicleEF | MHD | 5.74        | 6.40        |
| tblVehicleEF | MHD | 141.15      | 139.27      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.52        | 0.55        |
| tblVehicleEF | MHD | 1.10        | 1.19        |
| tblVehicleEF | MHD | 10.60       | 10.45       |
| tblVehicleEF | MHD | 2.4600e-004 | 2.8600e-004 |



100 E. Ocean  
Construction Emissions (Onsite)

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD | 2.3500e-004 | 2.7300e-004 |
| tblVehicleEF | MHD | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD | 1.1040e-003 | 1.2050e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.03        | 0.03        |
| tblVehicleEF | MHD | 7.0500e-004 | 7.5100e-004 |
| tblVehicleEF | MHD | 0.04        | 0.04        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.35        | 0.39        |
| tblVehicleEF | MHD | 1.3590e-003 | 1.3410e-003 |
| tblVehicleEF | MHD | 0.01        | 0.01        |
| tblVehicleEF | MHD | 6.9900e-004 | 7.2600e-004 |
| tblVehicleEF | MHD | 1.1040e-003 | 1.2050e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.04        | 0.04        |
| tblVehicleEF | MHD | 7.0500e-004 | 7.5100e-004 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.38        | 0.43        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1930e-003 | 4.8890e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.26        | 0.27        |
| tblVehicleEF | MHD | 0.33        | 0.37        |
| tblVehicleEF | MHD | 5.45        | 6.08        |
| tblVehicleEF | MHD | 149.51      | 147.51      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.54        | 0.57        |
| tblVehicleEF | MHD | 1.04        | 1.12        |
| tblVehicleEF | MHD | 10.56       | 10.41       |
| tblVehicleEF | MHD | 2.0700e-004 | 2.4100e-004 |
| tblVehicleEF | MHD | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD | 1.9800e-004 | 2.3000e-004 |
| tblVehicleEF | MHD | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD | 1.6790e-003 | 1.8360e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 1.0380e-003 | 1.1140e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.34        | 0.38        |
| tblVehicleEF | MHD | 1.4370e-003 | 1.4190e-003 |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | MHD  | 0.01        | 0.01        |
| tblVehicleEF | MHD  | 6.9400e-004 | 7.2000e-004 |
| tblVehicleEF | MHD  | 1.6790e-003 | 1.8360e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.03        | 0.03        |
| tblVehicleEF | MHD  | 1.0380e-003 | 1.1140e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 0.37        | 0.41        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 4.1220e-003 | 4.7980e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.49        | 0.51        |
| tblVehicleEF | MHD  | 0.32        | 0.36        |
| tblVehicleEF | MHD  | 5.78        | 6.44        |
| tblVehicleEF | MHD  | 129.61      | 127.88      |
| tblVehicleEF | MHD  | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD  | 59.88       | 61.37       |
| tblVehicleEF | MHD  | 0.50        | 0.53        |
| tblVehicleEF | MHD  | 1.08        | 1.17        |
| tblVehicleEF | MHD  | 10.60       | 10.46       |
| tblVehicleEF | MHD  | 2.9900e-004 | 3.4800e-004 |
| tblVehicleEF | MHD  | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD  | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD  | 2.8600e-004 | 3.3300e-004 |
| tblVehicleEF | MHD  | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD  | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD  | 1.1390e-003 | 1.2570e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.03        | 0.03        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.4900e-004 |
| tblVehicleEF | MHD  | 0.04        | 0.04        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 0.35        | 0.40        |
| tblVehicleEF | MHD  | 1.2500e-003 | 1.2340e-003 |
| tblVehicleEF | MHD  | 0.01        | 0.01        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.2700e-004 |
| tblVehicleEF | MHD  | 1.1390e-003 | 1.2570e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.04        | 0.04        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.4900e-004 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 0.39        | 0.43        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.7030e-003 | 8.8560e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.28        | 0.28        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.53        | 0.60        |
| tblVehicleEF | OBUS | 5.48        | 5.82        |
| tblVehicleEF | OBUS | 101.46      | 101.41      |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.45        | 0.52        |
| tblVehicleEF | OBUS | 1.46        | 1.64        |
| tblVehicleEF | OBUS | 2.42        | 2.45        |
| tblVehicleEF | OBUS | 1.0100e-004 | 1.8100e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 9.7000e-005 | 1.7300e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 1.5080e-003 | 1.5420e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 7.8700e-004 | 7.9500e-004 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.34        | 0.36        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8100e-004 | 7.9100e-004 |
| tblVehicleEF | OBUS | 1.5080e-003 | 1.5420e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.05        |
| tblVehicleEF | OBUS | 7.8700e-004 | 7.9500e-004 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.37        | 0.40        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8330e-003 | 9.0120e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.26        | 0.27        |
| tblVehicleEF | OBUS | 0.54        | 0.61        |
| tblVehicleEF | OBUS | 5.17        | 5.49        |
| tblVehicleEF | OBUS | 106.49      | 106.43      |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.47        | 0.54        |
| tblVehicleEF | OBUS | 1.38        | 1.54        |
| tblVehicleEF | OBUS | 2.38        | 2.41        |
| tblVehicleEF | OBUS | 8.5000e-005 | 1.5300e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 8.2000e-005 | 1.4600e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 2.2620e-003 | 2.3150e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 1.1670e-003 | 1.1850e-003 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.33        | 0.35        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.7600e-004 | 7.8600e-004 |
| tblVehicleEF | OBUS | 2.2620e-003 | 2.3150e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.05        |
| tblVehicleEF | OBUS | 1.1670e-003 | 1.1850e-003 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.36        | 0.38        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.6720e-003 | 8.8190e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.30        | 0.30        |
| tblVehicleEF | OBUS | 0.53        | 0.60        |
| tblVehicleEF | OBUS | 5.53        | 5.87        |
| tblVehicleEF | OBUS | 94.52       | 94.47       |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.43        | 0.50        |
| tblVehicleEF | OBUS | 1.44        | 1.61        |
| tblVehicleEF | OBUS | 2.43        | 2.46        |
| tblVehicleEF | OBUS | 1.2300e-004 | 2.2000e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 1.1800e-004 | 2.1100e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 1.5460e-003 | 1.5930e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 7.7900e-004 | 7.9000e-004 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.34        | 0.37        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8200e-004 | 7.9200e-004 |
| tblVehicleEF | OBUS | 1.5460e-003 | 1.5930e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.06        |
| tblVehicleEF | OBUS | 7.7900e-004 | 7.9000e-004 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.38        | 0.40        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.07        | 0.07        |
| tblVehicleEF | SBUS | 7.95        | 7.86        |
| tblVehicleEF | SBUS | 0.75        | 0.81        |
| tblVehicleEF | SBUS | 7.37        | 7.59        |
| tblVehicleEF | SBUS | 1,131.72    | 1,145.91    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 9.36        | 10.04       |
| tblVehicleEF | SBUS | 4.28        | 4.66        |
| tblVehicleEF | SBUS | 12.35       | 12.61       |
| tblVehicleEF | SBUS | 9.4940e-003 | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 9.0830e-003 | 0.01        |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |
| tblVehicleEF | SBUS | 3.5580e-003 | 3.5840e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.95        | 0.95        |
| tblVehicleEF | SBUS | 1.8470e-003 | 1.8010e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.39        | 0.40        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.6700e-004 | 6.5800e-004 |
| tblVehicleEF | SBUS | 3.5580e-003 | 3.5840e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.37        | 1.36        |
| tblVehicleEF | SBUS | 1.8470e-003 | 1.8010e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.43        | 0.44        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.06        | 0.06        |
| tblVehicleEF | SBUS | 7.83        | 7.74        |
| tblVehicleEF | SBUS | 0.76        | 0.82        |
| tblVehicleEF | SBUS | 5.88        | 6.05        |
| tblVehicleEF | SBUS | 1,183.16    | 1,198.55    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 9.65        | 10.36       |
| tblVehicleEF | SBUS | 4.04        | 4.39        |
| tblVehicleEF | SBUS | 12.32       | 12.58       |
| tblVehicleEF | SBUS | 8.0030e-003 | 9.1400e-003 |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 7.6570e-003 | 8.7450e-003 |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |
| tblVehicleEF | SBUS | 5.4390e-003 | 5.4730e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.94        | 0.94        |
| tblVehicleEF | SBUS | 2.8200e-003 | 2.7640e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.34        | 0.35        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.4200e-004 | 6.3200e-004 |
| tblVehicleEF | SBUS | 5.4390e-003 | 5.4730e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.36        | 1.36        |
| tblVehicleEF | SBUS | 2.8200e-003 | 2.7640e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.37        | 0.39        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.07        | 0.07        |
| tblVehicleEF | SBUS | 8.11        | 8.04        |
| tblVehicleEF | SBUS | 0.75        | 0.81        |
| tblVehicleEF | SBUS | 7.59        | 7.81        |
| tblVehicleEF | SBUS | 1,060.69    | 1,073.20    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 8.94        | 9.59        |
| tblVehicleEF | SBUS | 4.21        | 4.58        |
| tblVehicleEF | SBUS | 12.36       | 12.62       |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 3.5530e-003 | 3.6410e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.95        | 0.95        |
| tblVehicleEF | SBUS | 1.8150e-003 | 1.7750e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 0.40        | 0.41        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.7000e-004 | 6.6200e-004 |
| tblVehicleEF | SBUS | 3.5530e-003 | 3.6410e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.37        | 1.37        |
| tblVehicleEF | SBUS | 1.8150e-003 | 1.7750e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 0.44        | 0.45        |
| tblVehicleEF | UBUS | 2.39        | 2.55        |
| tblVehicleEF | UBUS | 0.06        | 0.06        |
| tblVehicleEF | UBUS | 10.55       | 11.13       |
| tblVehicleEF | UBUS | 10.24       | 10.45       |
| tblVehicleEF | UBUS | 1,926.89    | 1,944.71    |
| tblVehicleEF | UBUS | 109.62      | 106.29      |
| tblVehicleEF | UBUS | 8.58        | 9.26        |
| tblVehicleEF | UBUS | 14.69       | 14.96       |
| tblVehicleEF | UBUS | 0.59        | 0.59        |
| tblVehicleEF | UBUS | 0.11        | 0.12        |
| tblVehicleEF | UBUS | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF | UBUS | 0.25        | 0.25        |
| tblVehicleEF | UBUS | 0.10        | 0.11        |
| tblVehicleEF | UBUS | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF | UBUS | 4.9850e-003 | 5.0680e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 0.76        | 0.81        |
| tblVehicleEF | UBUS | 0.03        | 0.03        |
| tblVehicleEF | UBUS | 0.79        | 0.79        |
| tblVehicleEF | UBUS | 9.6440e-003 | 9.7260e-003 |
| tblVehicleEF | UBUS | 1.2810e-003 | 1.2510e-003 |
| tblVehicleEF | UBUS | 4.9850e-003 | 5.0680e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 3.23        | 3.46        |
| tblVehicleEF | UBUS | 0.03        | 0.03        |
| tblVehicleEF | UBUS | 0.86        | 0.87        |
| tblVehicleEF | UBUS | 2.39        | 2.55        |
| tblVehicleEF | UBUS | 0.05        | 0.05        |
| tblVehicleEF | UBUS | 10.60       | 11.19       |
| tblVehicleEF | UBUS | 8.88        | 9.06        |
| tblVehicleEF | UBUS | 1,926.89    | 1,944.71    |

100 E. Ocean  
Construction Emissions (Onsite)

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 109.62      | 106.29      |
| tblVehicleEF | UBUS | 8.08        | 8.72        |
| tblVehicleEF | UBUS | 14.63       | 14.90       |
| tblVehicleEF | UBUS | 0.59        | 0.59        |
| tblVehicleEF | UBUS | 0.11        | 0.12        |
| tblVehicleEF | UBUS | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF | UBUS | 0.25        | 0.25        |
| tblVehicleEF | UBUS | 0.10        | 0.11        |
| tblVehicleEF | UBUS | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF | UBUS | 7.3050e-003 | 7.4290e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 4.1800e-003 | 4.1940e-003 |
| tblVehicleEF | UBUS | 0.77        | 0.82        |
| tblVehicleEF | UBUS | 0.02        | 0.02        |
| tblVehicleEF | UBUS | 0.72        | 0.73        |
| tblVehicleEF | UBUS | 9.6450e-003 | 9.7270e-003 |
| tblVehicleEF | UBUS | 1.2580e-003 | 1.2270e-003 |
| tblVehicleEF | UBUS | 7.3050e-003 | 7.4290e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 4.1800e-003 | 4.1940e-003 |
| tblVehicleEF | UBUS | 3.25        | 3.47        |
| tblVehicleEF | UBUS | 0.02        | 0.02        |
| tblVehicleEF | UBUS | 0.79        | 0.80        |
| tblVehicleEF | UBUS | 2.39        | 2.55        |
| tblVehicleEF | UBUS | 0.06        | 0.06        |
| tblVehicleEF | UBUS | 10.54       | 11.12       |
| tblVehicleEF | UBUS | 10.42       | 10.63       |
| tblVehicleEF | UBUS | 1,926.89    | 1,944.71    |
| tblVehicleEF | UBUS | 109.62      | 106.29      |
| tblVehicleEF | UBUS | 8.42        | 9.08        |
| tblVehicleEF | UBUS | 14.70       | 14.97       |
| tblVehicleEF | UBUS | 0.59        | 0.59        |
| tblVehicleEF | UBUS | 0.11        | 0.12        |
| tblVehicleEF | UBUS | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF | UBUS | 0.25        | 0.25        |
| tblVehicleEF | UBUS | 0.10        | 0.11        |
| tblVehicleEF | UBUS | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF | UBUS | 5.5920e-003 | 5.7210e-003 |
| tblVehicleEF | UBUS | 0.10        | 0.10        |
| tblVehicleEF | UBUS | 2.9890e-003 | 3.0070e-003 |
| tblVehicleEF | UBUS | 0.76        | 0.81        |
| tblVehicleEF | UBUS | 0.03        | 0.03        |
| tblVehicleEF | UBUS | 0.80        | 0.80        |
| tblVehicleEF | UBUS | 9.6440e-003 | 9.7250e-003 |
| tblVehicleEF | UBUS | 1.2840e-003 | 1.2540e-003 |
| tblVehicleEF | UBUS | 5.5920e-003 | 5.7210e-003 |
| tblVehicleEF | UBUS | 0.10        | 0.10        |
| tblVehicleEF | UBUS | 2.9890e-003 | 3.0070e-003 |



100 E. Ocean  
Construction Emissions (Onsite)

|                 |       |       |        |
|-----------------|-------|-------|--------|
| tblVehicleEF    | UBUS  | 3.23  | 3.46   |
| tblVehicleEF    | UBUS  | 0.03  | 0.03   |
| tblVehicleEF    | UBUS  | 0.87  | 0.88   |
| tblVehicleTrips | ST_TR | 8.19  | 8.38   |
| tblVehicleTrips | ST_TR | 94.36 | 117.70 |
| tblVehicleTrips | ST_TR | 21.35 | 0.00   |
| tblVehicleTrips | SU_TR | 5.95  | 6.09   |
| tblVehicleTrips | SU_TR | 72.16 | 90.01  |
| tblVehicleTrips | SU_TR | 17.40 | 0.00   |
| tblVehicleTrips | WD_TR | 8.17  | 8.36   |
| tblVehicleTrips | WD_TR | 89.95 | 112.20 |
| tblVehicleTrips | WD_TR | 14.03 | 0.00   |

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

|                | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year           | lb/day         |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |               |                   |
| 2020           | 2.5307         | 30.9922        | 19.2543        | 0.0449        | 2.0606        | 1.1301        | 3.1907        | 0.3129         | 1.0750        | 1.3878        | 0.0000        | 4,408.6659        | 4,408.6659        | 1.2613        | 0.0000        | 4,440.1988        |
| 2021           | 2.3937         | 15.0881        | 19.0991        | 0.0269        | 0.0450        | 0.7490        | 0.7939        | 0.0127         | 0.7169        | 0.7296        | 0.0000        | 2,483.1775        | 2,483.1775        | 0.5378        | 0.0000        | 2,496.6228        |
| 2022           | 43.7708        | 14.0357        | 18.7348        | 0.0268        | 0.0450        | 0.6354        | 0.6803        | 0.0127         | 0.6086        | 0.6213        | 0.0000        | 2,477.7194        | 2,477.7194        | 0.5276        | 0.0000        | 2,490.9088        |
| <b>Maximum</b> | <b>43.7708</b> | <b>30.9922</b> | <b>19.2543</b> | <b>0.0449</b> | <b>2.0606</b> | <b>1.1301</b> | <b>3.1907</b> | <b>0.3129</b>  | <b>1.0750</b> | <b>1.3878</b> | <b>0.0000</b> | <b>4,408.6659</b> | <b>4,408.6659</b> | <b>1.2613</b> | <b>0.0000</b> | <b>4,440.1988</b> |

Mitigated Construction

|                | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------------------|-------------------|---------------|---------------|-------------------|
| Year           | lb/day         |                |                |               |               |               |               |                |               |               | lb/day        |                   |                   |               |               |                   |
| 2020           | 2.5307         | 17.2424        | 19.8799        | 0.0449        | 0.8075        | 0.9747        | 1.2685        | 0.1231         | 0.9745        | 0.9805        | 0.0000        | 4,408.6659        | 4,408.6659        | 1.2613        | 0.0000        | 4,440.1988        |
| 2021           | 2.2444         | 13.3569        | 19.1809        | 0.0269        | 0.0450        | 0.6423        | 0.6872        | 0.0127         | 0.6191        | 0.6318        | 0.0000        | 2,483.1775        | 2,483.1775        | 0.5378        | 0.0000        | 2,496.6228        |
| 2022           | 43.7708        | 12.5246        | 18.8389        | 0.0268        | 0.0450        | 0.5503        | 0.5952        | 0.0127         | 0.5308        | 0.5434        | 0.0000        | 2,477.7194        | 2,477.7194        | 0.5276        | 0.0000        | 2,490.9088        |
| <b>Maximum</b> | <b>43.7708</b> | <b>17.2424</b> | <b>19.8799</b> | <b>0.0449</b> | <b>0.8075</b> | <b>0.9747</b> | <b>1.2685</b> | <b>0.1231</b>  | <b>0.9745</b> | <b>0.9805</b> | <b>0.0000</b> | <b>4,408.6659</b> | <b>4,408.6659</b> | <b>1.2613</b> | <b>0.0000</b> | <b>4,440.1988</b> |

|                          | ROG         | NOx          | CO           | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total   | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total  | Bio- CO2    | NBio- CO2   | Total CO2   | CH4         | N2O         | CO2e        |
|--------------------------|-------------|--------------|--------------|-------------|---------------|--------------|--------------|----------------|---------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Percent Reduction</b> | <b>0.31</b> | <b>28.27</b> | <b>-1.42</b> | <b>0.00</b> | <b>58.27</b>  | <b>13.81</b> | <b>45.32</b> | <b>56.11</b>   | <b>11.50</b>  | <b>21.28</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |

2.2 Overall Operational

Unmitigated Operational

100 E. Ocean  
Construction Emissions (Onsite)

|              | ROG            | NOx            | CO              | SO2           | Fugitive PM10  | Exhaust PM10  | PM10 Total     | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2           | Total CO2          | CH4           | N2O           | CO2e               |
|--------------|----------------|----------------|-----------------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|---------------|--------------------|
| Category     | lb/day         |                |                 |               |                |               |                |                |               |               | lb/day   |                    |                    |               |               |                    |
| Area         | 11.1147        | 5.9000e-004    | 0.0645          | 0.0000        |                | 2.3000e-004   | 2.3000e-004    |                | 2.3000e-004   | 2.3000e-004   |          | 0.1380             | 0.1380             | 3.6000e-004   |               | 0.1471             |
| Energy       | 0.4908         | 4.4614         | 3.7475          | 0.0268        |                | 0.3391        | 0.3391         |                | 0.3391        | 0.3391        |          | 5,353.6146         | 5,353.6146         | 0.1026        | 0.0982        | 5,385.4285         |
| Mobile       | 9.2078         | 43.4355        | 98.0996         | 0.3236        | 26.6044        | 0.2763        | 26.8806        | 7.1177         | 0.2579        | 7.3756        |          | 32,943.0132        | 32,943.0132        | 1.8066        |               | 32,985.1792        |
| Stationary   | 0.4923         | 1.3760         | 1.2553          | 2.3700e-003   |                | 0.0724        | 0.0724         |                | 0.0724        | 0.0724        |          | 251.8542           | 251.8542           | 0.0353        |               | 252.7370           |
| <b>Total</b> | <b>21.3056</b> | <b>49.2735</b> | <b>103.1669</b> | <b>0.3527</b> | <b>26.6044</b> | <b>0.6880</b> | <b>27.2924</b> | <b>7.1177</b>  | <b>0.6696</b> | <b>7.7873</b> |          | <b>38,548.6200</b> | <b>38,548.6200</b> | <b>1.9449</b> | <b>0.0982</b> | <b>38,626.4918</b> |

**Mitigated Operational**

|              | ROG            | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2           | Total CO2          | CH4           | N2O           | CO2e               |
|--------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|--------------------|--------------------|---------------|---------------|--------------------|
| Category     | lb/day         |                |                |               |               |               |               |                |               |               | lb/day   |                    |                    |               |               |                    |
| Area         | 11.1147        | 5.9000e-004    | 0.0645         | 0.0000        |               | 2.3000e-004   | 2.3000e-004   |                | 2.3000e-004   | 2.3000e-004   |          | 0.1380             | 0.1380             | 3.6000e-004   |               | 0.1471             |
| Energy       | 0.4908         | 4.4614         | 3.7475         | 0.0268        |               | 0.3391        | 0.3391        |                | 0.3391        | 0.3391        |          | 5,353.6146         | 5,353.6146         | 0.1026        | 0.0982        | 5,385.4285         |
| Mobile       | 7.3282         | 29.7241        | 51.1973        | 0.1258        | 8.8460        | 0.1188        | 8.9648        | 2.3666         | 0.1108        | 2.4774        |          | 12,835.1067        | 12,835.1067        | 0.9483        |               | 12,858.8138        |
| Stationary   | 0.4923         | 1.3760         | 1.2553         | 2.3700e-003   |               | 0.0724        | 0.0724        |                | 0.0724        | 0.0724        |          | 251.8542           | 251.8542           | 0.0353        |               | 252.7370           |
| <b>Total</b> | <b>19.4260</b> | <b>35.5621</b> | <b>56.2646</b> | <b>0.1549</b> | <b>8.8460</b> | <b>0.5305</b> | <b>9.3765</b> | <b>2.3666</b>  | <b>0.5225</b> | <b>2.8891</b> |          | <b>18,440.7135</b> | <b>18,440.7135</b> | <b>1.0866</b> | <b>0.0982</b> | <b>18,497.1263</b> |

|                          | ROG         | NOx          | CO           | SO2          | Fugitive PM10 | Exhaust PM10 | PM10 Total   | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total  | Bio- CO2    | NBio-CO2     | Total CO2    | CH4          | N2O         | CO2e         |
|--------------------------|-------------|--------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|-------------|--------------|--------------|--------------|-------------|--------------|
| <b>Percent Reduction</b> | <b>8.82</b> | <b>27.83</b> | <b>45.46</b> | <b>56.09</b> | <b>66.75</b>  | <b>22.89</b> | <b>65.64</b> | <b>66.75</b>   | <b>21.97</b>  | <b>62.90</b> | <b>0.00</b> | <b>52.16</b> | <b>52.16</b> | <b>44.13</b> | <b>0.00</b> | <b>52.11</b> |

**3.0 Construction Detail**

**Construction Phase**

| Phase Number | Phase Name                        | Phase Type            | Start Date | End Date  | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1            | Demolition                        | Demolition            | 1/22/2020  | 2/25/2020 | 5             | 25       |                   |
| 2            | Grading                           | Grading               | 2/26/2020  | 3/24/2020 | 5             | 20       |                   |
| 3            | Mat Foundation                    | Building Construction | 3/26/2020  | 3/30/2020 | 5             | 3        |                   |
| 4            | Parking and Podium                | Building Construction | 3/31/2020  | 5/31/2020 | 5             | 44       |                   |
| 5            | Building Construction (Shell)     | Building Construction | 6/1/2020   | 2/21/2022 | 5             | 451      |                   |
| 6            | Building Construction (Finishing) | Building Construction | 10/1/2021  | 7/22/2022 | 5             | 211      |                   |
| 7            | Architectural Coating             | Architectural Coating | 2/22/2022  | 7/22/2022 | 5             | 109      |                   |
| 8            | Paving                            | Paving                | 4/22/2022  | 7/22/2022 | 5             | 66       |                   |

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0.85**

**Acres of Paving: 0.85**

100 E. Ocean  
Construction Emissions (Onsite)

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 744,723; Non-Residential Outdoor: 248,241; Striped Parking Area:

**OffRoad Equipment**

| Phase Name                        | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition                        | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Demolition                        | Crushing/Proc. Equipment  | 1      | 8.00        | 85          | 0.78        |
| Demolition                        | Excavators                | 0      | 8.00        | 158         | 0.38        |
| Demolition                        | Rubber Tired Dozers       | 1      | 8.00        | 247         | 0.40        |
| Demolition                        | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Grading                           | Bore/Drill Rigs           | 1      | 8.00        | 221         | 0.50        |
| Grading                           | Cranes                    | 1      | 8.00        | 231         | 0.29        |
| Grading                           | Excavators                | 1      | 8.00        | 158         | 0.38        |
| Grading                           | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Grading                           | Rubber Tired Dozers       | 0      | 8.00        | 247         | 0.40        |
| Grading                           | Rubber Tired Loaders      | 2      | 8.00        | 203         | 0.36        |
| Grading                           | Tractors/Loaders/Backhoes | 0      | 8.00        | 97          | 0.37        |
| Grading                           | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Mat Foundation                    | Cement and Mortar Mixers  | 4      | 8.00        | 9           | 0.56        |
| Mat Foundation                    | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Mat Foundation                    | Forklifts                 | 0      | 8.00        | 89          | 0.20        |
| Mat Foundation                    | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Mat Foundation                    | Pumps                     | 4      | 8.00        | 84          | 0.74        |
| Mat Foundation                    | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |
| Mat Foundation                    | Welders                   | 0      | 8.00        | 46          | 0.45        |
| Mat Foundation                    | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Parking and Podium                | Aerial Lifts              | 1      | 8.00        | 63          | 0.31        |
| Parking and Podium                | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Parking and Podium                | Forklifts                 | 0      | 8.00        | 89          | 0.20        |
| Parking and Podium                | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Parking and Podium                | Pumps                     | 2      | 8.00        | 84          | 0.74        |
| Parking and Podium                | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Parking and Podium                | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Building Construction (Shell)     | Aerial Lifts              | 2      | 8.00        | 63          | 0.31        |
| Building Construction (Shell)     | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Building Construction (Shell)     | Forklifts                 | 2      | 8.00        | 89          | 0.20        |
| Building Construction (Shell)     | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Building Construction (Shell)     | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Building Construction (Shell)     | Welders                   | 2      | 8.00        | 46          | 0.45        |
| Building Construction (Finishing) | Aerial Lifts              | 1      | 8.00        | 63          | 0.31        |
| Building Construction (Finishing) | Air Compressors           | 1      | 8.00        | 78          | 0.48        |
| Building Construction (Finishing) | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Building Construction (Finishing) | Forklifts                 | 1      | 8.00        | 89          | 0.20        |
| Building Construction (Finishing) | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Building Construction (Finishing) | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |
| Building Construction (Finishing) | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Architectural Coating             | Air Compressors           | 1      | 6.00        | 78          | 0.48        |
| Paving                            | Cement and Mortar Mixers  | 0      | 6.00        |             |             |
| Paving                            | Pavers                    | 0      | 8.00        |             |             |

100 E. Ocean  
Construction Emissions (Onsite)

|        |                           |      |      |  |
|--------|---------------------------|------|------|--|
| Paving | Paving Equipment          | 6.00 |      |  |
| Paving | Rollers                   | 6.00 |      |  |
| Paving | Tractors/Loaders/Backhoes | 0    | 8.00 |  |

**Trips and VMT**

| Phase Name                     | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|--------------------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition                     | 4                       | 10.00              | 0.00               | 1,250.00            | 0.10               | 0.10               | 0.10                | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading                        | 6                       | 13.00              | 0.00               | 2,000.00            | 0.10               | 0.10               | 0.10                | LD_Mix               | HDT_Mix              | HHDT                  |
| Mat Foundation                 | 9                       | 248.00             | 0.00               | 0.00                | 0.10               | 0.10               | 0.10                | LD_Mix               | HHDT                 | HHDT                  |
| Parking and Podium             | 5                       | 248.00             | 50.00              | 0.00                | 0.10               | 0.10               | 0.10                | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction (Shell)  | 7                       | 248.00             | 15.00              | 0.00                | 0.10               | 0.10               | 0.10                | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction (Finish) | 4                       | 248.00             | 5.00               | 0.00                | 0.10               | 0.10               | 0.10                | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating          | 1                       | 50.00              | 0.00               | 0.00                | 0.10               | 0.10               | 0.10                | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                         | 2                       | 5.00               | 5.00               | 0.00                | 0.10               | 0.10               | 0.10                | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Fugitive Dust |               |                |                |               | 2.0543        | 0.0000        | 2.0543        | 0.3110         | 0.0000        | 0.3110        |          |           |           |     |     |      |
| Off-Road      | 2.2603        | 20.5352        | 14.4501        | 0.0249        |               | 1.1271        | 1.1271        |                | 1.0721        | 1.0721        |          |           |           |     |     |      |
| <b>Total</b>  | <b>2.2603</b> | <b>20.5352</b> | <b>14.4501</b> | <b>0.0249</b> | <b>2.0543</b> | <b>1.1271</b> | <b>3.1814</b> | <b>0.3110</b>  | <b>1.0721</b> | <b>1.3831</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |                    |                    |                    |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0940        | 4.6355        | 0.7869        | 4.7100e-003        | 5.4200e-003        | 2.9400e-003        | 8.3600e-003        | 1.5800e-003        | 2.8100e-003        | 4.3900e-003        |          |           |           |     |     |      |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Worker       | 0.0105        | 3.3100e-003   | 0.0485        | 3.0000e-005        | 8.6000e-004        | 7.0000e-005        | 9.3000e-004        | 2.4000e-004        | 6.0000e-005        | 3.0000e-004        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.1045</b> | <b>4.6388</b> | <b>0.8354</b> | <b>4.7400e-003</b> | <b>6.2800e-003</b> | <b>3.0100e-003</b> | <b>9.2900e-003</b> | <b>1.8200e-003</b> | <b>2.8700e-003</b> | <b>4.6900e-003</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

100 E. Ocean  
Construction Emissions (Onsite)

|               | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category      | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Fugitive Dust |               |               |                |               | 0.8012        | 0.0000        | 0.8012        | 0.1213         | 0.0000        | 0.1213        |          |           |           |     |     |      |
| Off-Road      | 1.1138        | 7.7154        | 14.2145        | 0.0249        |               | 0.4580        | 0.4580        |                | 0.4580        | 0.4580        |          |           |           |     |     |      |
| <b>Total</b>  | <b>1.1138</b> | <b>7.7154</b> | <b>14.2145</b> | <b>0.0249</b> | <b>0.8012</b> | <b>0.4580</b> | <b>1.2592</b> | <b>0.1213</b>  | <b>0.4580</b> | <b>0.5793</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |                    |                    |                    |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0940        | 4.6355        | 0.7869        | 4.7100e-003        | 5.4200e-003        | 2.9400e-003        | 8.3600e-003        | 1.5800e-003        | 2.8100e-003        | 4.3900e-003        |          |           |           |     |     |      |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Worker       | 0.0105        | 3.3100e-003   | 0.0485        | 3.0000e-005        | 8.6000e-004        | 7.0000e-005        | 9.3000e-004        | 2.4000e-004        | 6.0000e-005        | 3.0000e-004        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.1045</b> | <b>4.6388</b> | <b>0.8354</b> | <b>4.7400e-003</b> | <b>6.2800e-003</b> | <b>3.0100e-003</b> | <b>9.2900e-003</b> | <b>1.8200e-003</b> | <b>2.8700e-003</b> | <b>4.6900e-003</b> |          |           |           |     |     |      |

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

|               | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|---------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category      | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Fugitive Dust |               |                |                |               | 0.1780        | 0.0000        | 0.1780        | 0.0250         | 0.0000        | 0.0250        |          |           |           |     |     |      |
| Off-Road      | 2.0661        | 21.7169        | 12.5018        | 0.0354        |               | 0.8203        | 0.8203        |                | 0.7616        | 0.7616        |          |           |           |     |     |      |
| <b>Total</b>  | <b>2.0661</b> | <b>21.7169</b> | <b>12.5018</b> | <b>0.0354</b> | <b>0.1780</b> | <b>0.8203</b> | <b>0.9982</b> | <b>0.0250</b>  | <b>0.7616</b> | <b>0.7866</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.1880        | 9.2710        | 1.5737        | 9.4200e-003        | 0.0108        | 5.8800e-003        | 0.0167        | 3.1600e-003        | 5.6200e-003        | 8.7800e-003        |          |           |           |     |     |      |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Worker       | 0.0137        | 4.3100e-003   | 0.0631        | 4.0000e-005        | 1.1200e-003   | 9.0000e-005        | 1.2100e-003   | 3.1000e-004        | 8.0000e-005        | 4.0000e-004        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2017</b> | <b>9.2753</b> | <b>1.6368</b> | <b>9.4600e-003</b> | <b>0.0120</b> | <b>5.9700e-003</b> | <b>0.0179</b> | <b>3.4700e-003</b> | <b>5.7000e-003</b> | <b>9.1800e-003</b> |          |           |           |     |     |      |

100 E. Ocean  
Construction Emissions (Onsite)

**Mitigated Construction On-Site**

|               | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |  |
|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|--------------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|--|
| Category      | lb/day        |               |                |               |               |               |               |                    |               |               | lb/day   |           |           |     |     |      |  |
| Fugitive Dust |               |               |                |               | 0.0694        | 0.0000        | 0.0694        | 9.7500e-003        | 0.0000        | 9.7500e-003   |          |           |           |     |     |      |  |
| Off-Road      | 0.7481        | 3.3308        | 18.2431        | 0.0354        |               | 0.1410        | 0.1410        |                    | 0.1410        | 0.1410        |          |           |           |     |     |      |  |
| <b>Total</b>  | <b>0.7481</b> | <b>3.3308</b> | <b>18.2431</b> | <b>0.0354</b> | <b>0.0694</b> | <b>0.1410</b> | <b>0.2104</b> | <b>9.7500e-003</b> | <b>0.1410</b> | <b>0.1508</b> |          |           |           |     |     |      |  |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |  |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|--|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |  |
| Hauling      | 0.1880        | 9.2710        | 1.5737        | 9.4200e-003        | 0.0108        | 5.8800e-003        | 0.0167        | 3.1600e-003        | 5.6200e-003        | 8.7800e-003        |          |           |           |     |     |      |  |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |  |
| Worker       | 0.0137        | 4.3100e-003   | 0.0631        | 4.0000e-005        | 1.1200e-003   | 9.0000e-005        | 1.2100e-003   | 3.1000e-004        | 8.0000e-005        | 4.0000e-004        |          |           |           |     |     |      |  |
| <b>Total</b> | <b>0.2017</b> | <b>9.2753</b> | <b>1.6368</b> | <b>9.4600e-003</b> | <b>0.0120</b> | <b>5.9700e-003</b> | <b>0.0179</b> | <b>3.4700e-003</b> | <b>5.7000e-003</b> | <b>9.1800e-003</b> |          |           |           |     |     |      |  |

**3.4 Mat Foundation - 2020**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |  |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|--|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |  |
| Off-Road     | 2.2698        | 17.1602        | 18.0510        | 0.0317        |               | 0.9730        | 0.9730        |                | 0.9730        | 0.9730        |          |           |           |     |     |      |  |
| <b>Total</b> | <b>2.2698</b> | <b>17.1602</b> | <b>18.0510</b> | <b>0.0317</b> |               | <b>0.9730</b> | <b>0.9730</b> |                | <b>0.9730</b> | <b>0.9730</b> |          |           |           |     |     |      |  |

**Unmitigated Construction Off-Site**

|          | ROG    | NOx    | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |  |
|----------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|--|
| Category | lb/day |        |        |        |               |              |            |                |               |             | lb/day   |           |           |     |     |      |  |
| Hauling  | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          |           |           |     |     |      |  |
| Vendor   | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          |           |           |     |     |      |  |

100 E. Ocean  
Construction Emissions (Onsite)

|              |               |               |               |                    |               |                    |               |                    |                    |                    |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|--|--|--|--|--|--|
| Worker       | 0.2608        | 0.0822        | 1.2032        | 7.6000e-004        | 0.0213        | 1.7300e-003        | 0.0230        | 5.9600e-003        | 1.5900e-003        | 7.5600e-003        |  |  |  |  |  |  |
| <b>Total</b> | <b>0.2608</b> | <b>0.0822</b> | <b>1.2032</b> | <b>7.6000e-004</b> | <b>0.0213</b> | <b>1.7300e-003</b> | <b>0.0230</b> | <b>5.9600e-003</b> | <b>1.5900e-003</b> | <b>7.5600e-003</b> |  |  |  |  |  |  |

**Mitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 2.2698        | 17.1602        | 18.0510        | 0.0317        |               | 0.9730        | 0.9730        |                | 0.9730        | 0.9730        |          |           |           |     |     |      |
| <b>Total</b> | <b>2.2698</b> | <b>17.1602</b> | <b>18.0510</b> | <b>0.0317</b> |               | <b>0.9730</b> | <b>0.9730</b> |                | <b>0.9730</b> | <b>0.9730</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Worker       | 0.2608        | 0.0822        | 1.2032        | 7.6000e-004        | 0.0213        | 1.7300e-003        | 0.0230        | 5.9600e-003        | 1.5900e-003        | 7.5600e-003        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2608</b> | <b>0.0822</b> | <b>1.2032</b> | <b>7.6000e-004</b> | <b>0.0213</b> | <b>1.7300e-003</b> | <b>0.0230</b> | <b>5.9600e-003</b> | <b>1.5900e-003</b> | <b>7.5600e-003</b> |          |           |           |     |     |      |

**3.5 Parking and Podium - 2020**

**Unmitigated Construction On-Site**

|              | ROG           | NOx            | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |                |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.4375        | 11.3782        | 12.6661        | 0.0205        |               | 0.6487        | 0.6487        |                | 0.6369        | 0.6369        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.4375</b> | <b>11.3782</b> | <b>12.6661</b> | <b>0.0205</b> |               | <b>0.6487</b> | <b>0.6487</b> |                | <b>0.6369</b> | <b>0.6369</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|          | ROG    | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day |     |    |     |               |              |            |                |               |             | lb/day   |           |           |     |     |      |

100 E. Ocean  
Construction Emissions (Onsite)

|              |               |               |               |                    |               |                    |               |                    |                    |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|--|--|--|--|--|--|
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        |  |  |  |  |  |  |
| Vendor       | 0.0770        | 2.9631        | 0.8205        | 2.5900e-003        | 5.9300e-003   | 2.1800e-003        | 8.1100e-003   | 1.8400e-003        | 2.0900e-003        | 3.9300e-003   |  |  |  |  |  |  |
| Worker       | 0.2608        | 0.0822        | 1.2032        | 7.6000e-004        | 0.0213        | 1.7300e-003        | 0.0230        | 5.9600e-003        | 1.5900e-003        | 7.5600e-003   |  |  |  |  |  |  |
| <b>Total</b> | <b>0.3379</b> | <b>3.0453</b> | <b>2.0237</b> | <b>3.3500e-003</b> | <b>0.0272</b> | <b>3.9100e-003</b> | <b>0.0311</b> | <b>7.8000e-003</b> | <b>3.6800e-003</b> | <b>0.0115</b> |  |  |  |  |  |  |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.2660        | 9.4376        | 12.7284        | 0.0205        |               | 0.5207        | 0.5207        |                | 0.5195        | 0.5195        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.2660</b> | <b>9.4376</b> | <b>12.7284</b> | <b>0.0205</b> |               | <b>0.5207</b> | <b>0.5207</b> |                | <b>0.5195</b> | <b>0.5195</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |               | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000        |          |           |           |     |     |      |
| Vendor       | 0.0770        | 2.9631        | 0.8205        | 2.5900e-003        | 5.9300e-003   | 2.1800e-003        | 8.1100e-003   | 1.8400e-003        | 2.0900e-003        | 3.9300e-003   |          |           |           |     |     |      |
| Worker       | 0.2608        | 0.0822        | 1.2032        | 7.6000e-004        | 0.0213        | 1.7300e-003        | 0.0230        | 5.9600e-003        | 1.5900e-003        | 7.5600e-003   |          |           |           |     |     |      |
| <b>Total</b> | <b>0.3379</b> | <b>3.0453</b> | <b>2.0237</b> | <b>3.3500e-003</b> | <b>0.0272</b> | <b>3.9100e-003</b> | <b>0.0311</b> | <b>7.8000e-003</b> | <b>3.6800e-003</b> | <b>0.0115</b> |          |           |           |     |     |      |

**3.6 Building Construction (Shell) - 2020**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.2609        | 9.1301        | 10.3628        | 0.0146        |               | 0.5289        | 0.5289        |                | 0.5005        | 0.5005        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.2609</b> | <b>9.1301</b> | <b>10.3628</b> | <b>0.0146</b> |               | <b>0.5289</b> | <b>0.5289</b> |                | <b>0.5005</b> | <b>0.5005</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**



100 E. Ocean  
Construction Emissions (Onsite)

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Vendor       | 0.0231        | 0.8889        | 0.2461        | 7.8000e-004        | 1.7800e-003   | 6.6000e-004        | 2.4300e-003   | 5.5000e-004        | 6.3000e-004        | 1.1800e-003        |          |           |           |     |     |      |
| Worker       | 0.2608        | 0.0822        | 1.2032        | 7.6000e-004        | 0.0213        | 1.7300e-003        | 0.0230        | 5.9600e-003        | 1.5900e-003        | 7.5600e-003        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2839</b> | <b>0.9711</b> | <b>1.4494</b> | <b>1.5400e-003</b> | <b>0.0231</b> | <b>2.3900e-003</b> | <b>0.0255</b> | <b>6.5100e-003</b> | <b>2.2200e-003</b> | <b>8.7400e-003</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.0894        | 7.1895        | 10.4251        | 0.0146        |               | 0.4008        | 0.4008        |                | 0.3831        | 0.3831        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.0894</b> | <b>7.1895</b> | <b>10.4251</b> | <b>0.0146</b> |               | <b>0.4008</b> | <b>0.4008</b> |                | <b>0.3831</b> | <b>0.3831</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Vendor       | 0.0231        | 0.8889        | 0.2461        | 7.8000e-004        | 1.7800e-003   | 6.6000e-004        | 2.4300e-003   | 5.5000e-004        | 6.3000e-004        | 1.1800e-003        |          |           |           |     |     |      |
| Worker       | 0.2608        | 0.0822        | 1.2032        | 7.6000e-004        | 0.0213        | 1.7300e-003        | 0.0230        | 5.9600e-003        | 1.5900e-003        | 7.5600e-003        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2839</b> | <b>0.9711</b> | <b>1.4494</b> | <b>1.5400e-003</b> | <b>0.0231</b> | <b>2.3900e-003</b> | <b>0.0255</b> | <b>6.5100e-003</b> | <b>2.2200e-003</b> | <b>8.7400e-003</b> |          |           |           |     |     |      |

**3.6 Building Construction (Shell) - 2021**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.1262        | 8.4731        | 10.2217        | 0.0146        |               | 0.4503        | 0.4503        |                | 0.4261        | 0.4261        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.1262</b> | <b>8.4731</b> | <b>10.2217</b> | <b>0.0146</b> |               | <b>0.4503</b> | <b>0.4503</b> |                | <b>0.4261</b> | <b>0.4261</b> |          |           |           |     |     |      |

100 E. Ocean  
Construction Emissions (Onsite)

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Vendor       | 0.0214        | 0.8595        | 0.2289        | 7.7000e-004        | 1.7800e-003   | 4.2000e-004        | 2.2000e-003   | 5.5000e-004        | 4.0000e-004        | 9.5000e-004        |          |           |           |     |     |      |
| Worker       | 0.2388        | 0.0723        | 1.0840        | 7.3000e-004        | 0.0213        | 1.6900e-003        | 0.0230        | 5.9600e-003        | 1.5500e-003        | 7.5200e-003        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2602</b> | <b>0.9318</b> | <b>1.3129</b> | <b>1.5000e-003</b> | <b>0.0231</b> | <b>2.1100e-003</b> | <b>0.0252</b> | <b>6.5100e-003</b> | <b>1.9500e-003</b> | <b>8.4700e-003</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 0.9769        | 6.7419        | 10.3035        | 0.0146        |               | 0.3436        | 0.3436        |                | 0.3284        | 0.3284        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.9769</b> | <b>6.7419</b> | <b>10.3035</b> | <b>0.0146</b> |               | <b>0.3436</b> | <b>0.3436</b> |                | <b>0.3284</b> | <b>0.3284</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Vendor       | 0.0214        | 0.8595        | 0.2289        | 7.7000e-004        | 1.7800e-003   | 4.2000e-004        | 2.2000e-003   | 5.5000e-004        | 4.0000e-004        | 9.5000e-004        |          |           |           |     |     |      |
| Worker       | 0.2388        | 0.0723        | 1.0840        | 7.3000e-004        | 0.0213        | 1.6900e-003        | 0.0230        | 5.9600e-003        | 1.5500e-003        | 7.5200e-003        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2602</b> | <b>0.9318</b> | <b>1.3129</b> | <b>1.5000e-003</b> | <b>0.0231</b> | <b>2.1100e-003</b> | <b>0.0252</b> | <b>6.5100e-003</b> | <b>1.9500e-003</b> | <b>8.4700e-003</b> |          |           |           |     |     |      |

**3.6 Building Construction (Shell) - 2022**

**Unmitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 1.0175        | 7.8318        | 10.1250        | 0.0146        |               | 0.3785        | 0.3785        |                | 0.3584        | 0.3584        |          |           |           |     |     |      |
| <b>Total</b> | <b>1.0175</b> | <b>7.8318</b> | <b>10.1250</b> | <b>0.0146</b> |               | <b>0.3785</b> | <b>0.3785</b> |                | <b>0.3584</b> | <b>0.3584</b> |          |           |           |     |     |      |

100 E. Ocean  
Construction Emissions (Onsite)

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |          |           |     |     |      |
| Vendor       | 0.0198        | 0.8399        | 0.2136        | 7.6000e-004        | 1.7800e-003   | 3.5000e-004        | 2.1300e-003   | 5.5000e-004        | 3.4000e-004        | 8.9000e-004        |          |          |           |     |     |      |
| Worker       | 0.2196        | 0.0640        | 0.9816        | 7.0000e-004        | 0.0213        | 1.6500e-003        | 0.0229        | 5.9600e-003        | 1.5200e-003        | 7.4900e-003        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.2394</b> | <b>0.9039</b> | <b>1.1952</b> | <b>1.4600e-003</b> | <b>0.0231</b> | <b>2.0000e-003</b> | <b>0.0251</b> | <b>6.5100e-003</b> | <b>1.8600e-003</b> | <b>8.3800e-003</b> |          |          |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO             | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |                |               |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Off-Road     | 0.8908        | 6.3207        | 10.2292        | 0.0146        |               | 0.2934        | 0.2934        |                | 0.2806        | 0.2806        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.8908</b> | <b>6.3207</b> | <b>10.2292</b> | <b>0.0146</b> |               | <b>0.2934</b> | <b>0.2934</b> |                | <b>0.2806</b> | <b>0.2806</b> |          |          |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |          |           |     |     |      |
| Vendor       | 0.0198        | 0.8399        | 0.2136        | 7.6000e-004        | 1.7800e-003   | 3.5000e-004        | 2.1300e-003   | 5.5000e-004        | 3.4000e-004        | 8.9000e-004        |          |          |           |     |     |      |
| Worker       | 0.2196        | 0.0640        | 0.9816        | 7.0000e-004        | 0.0213        | 1.6500e-003        | 0.0229        | 5.9600e-003        | 1.5200e-003        | 7.4900e-003        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.2394</b> | <b>0.9039</b> | <b>1.1952</b> | <b>1.4600e-003</b> | <b>0.0231</b> | <b>2.0000e-003</b> | <b>0.0251</b> | <b>6.5100e-003</b> | <b>1.8600e-003</b> | <b>8.3800e-003</b> |          |          |           |     |     |      |

**3.7 Building Construction (Finishing) - 2021**

**Unmitigated Construction On-Site**

|          | ROG    | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|
| Category | lb/day |     |    |     |               |              |            |                |               |             | lb/day   |          |           |     |     |      |

100 E. Ocean  
Construction Emissions (Onsite)

|              |               |               |               |                    |  |               |               |  |               |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|--------------------|--|---------------|---------------|--|---------------|---------------|--|--|--|--|--|--|
| Off-Road     | 0.7613        | 5.3244        | 6.4041        | 9.7300e-003        |  | 0.2947        | 0.2947        |  | 0.2871        | 0.2871        |  |  |  |  |  |  |
| <b>Total</b> | <b>0.7613</b> | <b>5.3244</b> | <b>6.4041</b> | <b>9.7300e-003</b> |  | <b>0.2947</b> | <b>0.2947</b> |  | <b>0.2871</b> | <b>0.2871</b> |  |  |  |  |  |  |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |          |           |     |     |      |
| Vendor       | 7.1200e-003   | 0.2865        | 0.0763        | 2.6000e-004        | 5.9000e-004   | 1.4000e-004        | 7.3000e-004   | 1.8000e-004        | 1.3000e-004        | 3.2000e-004        |          |          |           |     |     |      |
| Worker       | 0.2388        | 0.0723        | 1.0840        | 7.3000e-004        | 0.0213        | 1.6900e-003        | 0.0230        | 5.9600e-003        | 1.5500e-003        | 7.5200e-003        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.2460</b> | <b>0.3588</b> | <b>1.1603</b> | <b>9.9000e-004</b> | <b>0.0219</b> | <b>1.8300e-003</b> | <b>0.0237</b> | <b>6.1400e-003</b> | <b>1.6800e-003</b> | <b>7.8400e-003</b> |          |          |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |          |           |     |     |      |
| Off-Road     | 0.7613        | 5.3244        | 6.4041        | 9.7300e-003        |               | 0.2947        | 0.2947        |                | 0.2871        | 0.2871        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.7613</b> | <b>5.3244</b> | <b>6.4041</b> | <b>9.7300e-003</b> |               | <b>0.2947</b> | <b>0.2947</b> |                | <b>0.2871</b> | <b>0.2871</b> |          |          |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |          |           |     |     |      |
| Vendor       | 7.1200e-003   | 0.2865        | 0.0763        | 2.6000e-004        | 5.9000e-004   | 1.4000e-004        | 7.3000e-004   | 1.8000e-004        | 1.3000e-004        | 3.2000e-004        |          |          |           |     |     |      |
| Worker       | 0.2388        | 0.0723        | 1.0840        | 7.3000e-004        | 0.0213        | 1.6900e-003        | 0.0230        | 5.9600e-003        | 1.5500e-003        | 7.5200e-003        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.2460</b> | <b>0.3588</b> | <b>1.1603</b> | <b>9.9000e-004</b> | <b>0.0219</b> | <b>1.8300e-003</b> | <b>0.0237</b> | <b>6.1400e-003</b> | <b>1.6800e-003</b> | <b>7.8400e-003</b> |          |          |           |     |     |      |

**3.7 Building Construction (Finishing) - 2022**

**Unmitigated Construction On-Site**

100 E. Ocean  
Construction Emissions (Onsite)

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 0.6991        | 4.9561        | 6.3617        | 9.7300e-003        |               | 0.2531        | 0.2531        |                | 0.2467        | 0.2467        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.6991</b> | <b>4.9561</b> | <b>6.3617</b> | <b>9.7300e-003</b> |               | <b>0.2531</b> | <b>0.2531</b> |                | <b>0.2467</b> | <b>0.2467</b> |          |           |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Vendor       | 6.6000e-003   | 0.2800        | 0.0712        | 2.5000e-004        | 5.9000e-004   | 1.2000e-004        | 7.1000e-004   | 1.8000e-004        | 1.1000e-004        | 3.0000e-004        |          |           |           |     |     |      |
| Worker       | 0.2196        | 0.0640        | 0.9816        | 7.0000e-004        | 0.0213        | 1.6500e-003        | 0.0229        | 5.9600e-003        | 1.5200e-003        | 7.4900e-003        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2262</b> | <b>0.3439</b> | <b>1.0528</b> | <b>9.5000e-004</b> | <b>0.0219</b> | <b>1.7700e-003</b> | <b>0.0237</b> | <b>6.1400e-003</b> | <b>1.6300e-003</b> | <b>7.7900e-003</b> |          |           |           |     |     |      |

**Mitigated Construction On-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |               |               |                |               |               | lb/day   |           |           |     |     |      |
| Off-Road     | 0.6991        | 4.9561        | 6.3617        | 9.7300e-003        |               | 0.2531        | 0.2531        |                | 0.2467        | 0.2467        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.6991</b> | <b>4.9561</b> | <b>6.3617</b> | <b>9.7300e-003</b> |               | <b>0.2531</b> | <b>0.2531</b> |                | <b>0.2467</b> | <b>0.2467</b> |          |           |           |     |     |      |

**Mitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10       | PM10 Total    | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|--------------------|--------------------|----------|-----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |               |                    |               |                    |                    |                    | lb/day   |           |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000        | 0.0000             | 0.0000             | 0.0000             |          |           |           |     |     |      |
| Vendor       | 6.6000e-003   | 0.2800        | 0.0712        | 2.5000e-004        | 5.9000e-004   | 1.2000e-004        | 7.1000e-004   | 1.8000e-004        | 1.1000e-004        | 3.0000e-004        |          |           |           |     |     |      |
| Worker       | 0.2196        | 0.0640        | 0.9816        | 7.0000e-004        | 0.0213        | 1.6500e-003        | 0.0229        | 5.9600e-003        | 1.5200e-003        | 7.4900e-003        |          |           |           |     |     |      |
| <b>Total</b> | <b>0.2262</b> | <b>0.3439</b> | <b>1.0528</b> | <b>9.5000e-004</b> | <b>0.0219</b> | <b>1.7700e-003</b> | <b>0.0237</b> | <b>6.1400e-003</b> | <b>1.6300e-003</b> | <b>7.7900e-003</b> |          |           |           |     |     |      |

**3.8 Architectural Coating - 2022**

100 E. Ocean  
Construction Emissions (Onsite)

**Unmitigated Construction On-Site**

|                 | ROG            | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10 | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category        | lb/day         |               |               |                    |               |              |               |                |               |               | lb/day   |          |           |     |     |      |
| Archit. Coating | 42.3273        |               |               |                    |               |              | 0.0000        | 0.0000         |               | 0.0000        |          |          |           |     |     |      |
| Off-Road        | 0.2045         | 1.4085        | 1.8136        | 2.9700e-003        |               |              | 0.0817        | 0.0817         |               | 0.0817        |          |          |           |     |     |      |
| <b>Total</b>    | <b>42.5319</b> | <b>1.4085</b> | <b>1.8136</b> | <b>2.9700e-003</b> |               |              | <b>0.0817</b> | <b>0.0817</b>  |               | <b>0.0817</b> |          |          |           |     |     |      |

**Unmitigated Construction Off-Site**

|              | ROG           | NOx           | CO            | SO2                | Fugitive PM10      | Exhaust PM10       | PM10 Total         | Fugitive PM2.5     | Exhaust PM2.5      | PM2.5 Total        | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|--------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------|----------|-----------|-----|-----|------|
| Category     | lb/day        |               |               |                    |                    |                    |                    |                    |                    |                    | lb/day   |          |           |     |     |      |
| Hauling      | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             |          |          |           |     |     |      |
| Vendor       | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             | 0.0000             |          |          |           |     |     |      |
| Worker       | 0.0443        | 0.0129        | 0.1979        | 1.4000e-004        | 4.2900e-003        | 3.3000e-004        | 4.6300e-003        | 1.2000e-003        | 3.1000e-004        | 1.5100e-003        |          |          |           |     |     |      |
| <b>Total</b> | <b>0.0443</b> | <b>0.0129</b> | <b>0.1979</b> | <b>1.4000e-004</b> | <b>4.2900e-003</b> | <b>3.3000e-004</b> | <b>4.6300e-003</b> | <b>1.2000e-003</b> | <b>3.1000e-004</b> | <b>1.5100e-003</b> |          |          |           |     |     |      |

**Mitigated Construction On-Site**

|                 | ROG            | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10 | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|-----------------|----------------|---------------|---------------|--------------------|---------------|--------------|---------------|----------------|---------------|---------------|----------|----------|-----------|-----|-----|------|
| Category        | lb/day         |               |               |                    |               |              |               |                |               |               | lb/day   |          |           |     |     |      |
| Archit. Coating | 42.3273        |               |               |                    |               |              | 0.0000        | 0.0000         |               | 0.0000        |          |          |           |     |     |      |
| Off-Road        | 0.2045         | 1.4085        | 1.8136        | 2.9700e-003        |               |              | 0.0817        | 0.0817         |               | 0.0817        |          |          |           |     |     |      |
| <b>Total</b>    | <b>42.5319</b> | <b>1.4085</b> | <b>1.8136</b> | <b>2.9700e-003</b> |               |              | <b>0.0817</b> | <b>0.0817</b>  |               | <b>0.0817</b> |          |          |           |     |     |      |

**Mitigated Construction Off-Site**

|          | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|--------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|
| Category | lb/day |        |        |             |               |              |             |                |               |             | lb/day   |          |           |     |     |      |
| Hauling  | 0.0000 | 0.0000 | 0.0000 | 0.0000      | 0.0000        | 0.0000       | 0.0000      | 0.0000         | 0.0000        | 0.0000      |          |          |           |     |     |      |
| Vendor   | 0.0000 | 0.0000 | 0.0000 | 0.0000      | 0.0000        | 0.0000       | 0.0000      | 0.0000         | 0.0000        | 0.0000      |          |          |           |     |     |      |
| Worker   | 0.0443 | 0.0129 | 0.1979 | 1.4000e-004 | 4.2900e-003   | 3.3000e-004  | 4.6300e-003 | 1.2000e-003    | 3.1000e-004   | 1.5100e-003 |          |          |           |     |     |      |

100 E. Ocean  
Construction Emissions (Onsite)

|       |        |        |        |             |             |             |             |             |             |             |  |  |  |  |  |  |
|-------|--------|--------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|--|--|--|--|
| Total | 0.0443 | 0.0129 | 0.1979 | 1.4000e-004 | 4.2900e-003 | 3.3000e-004 | 4.6300e-003 | 1.2000e-003 | 3.1000e-004 | 1.5100e-003 |  |  |  |  |  |  |
|-------|--------|--------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|--|--|--|--|

3.9 Paving - 2022

Unmitigated Construction On-Site

|          | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |     |     |      |
| Off-Road | 0.2584 | 2.5977 | 3.3048 | 5.0200e-003 |               | 0.1382       | 0.1382     |                | 0.1271        | 0.1271      |          |           |           |     |     |      |
| Paving   | 0.0000 |        |        |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          |           |           |     |     |      |
| Total    | 0.2584 | 2.5977 | 3.3048 | 5.0200e-003 |               | 0.1382       | 0.1382     |                | 0.1271        | 0.1271      |          |           |           |     |     |      |

Unmitigated Construction Off-Site

|          | ROG         | NOx         | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|-------------|-------------|--------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day      |             |        |             |               |              |             |                |               |             | lb/day   |           |           |     |     |      |
| Hauling  | 0.0000      | 0.0000      | 0.0000 | 0.0000      | 0.0000        | 0.0000       | 0.0000      | 0.0000         | 0.0000        | 0.0000      |          |           |           |     |     |      |
| Vendor   | 6.6000e-003 | 0.2800      | 0.0712 | 2.5000e-004 | 5.9000e-004   | 1.2000e-004  | 7.1000e-004 | 1.8000e-004    | 1.1000e-004   | 3.0000e-004 |          |           |           |     |     |      |
| Worker   | 4.4300e-003 | 1.2900e-003 | 0.0198 | 1.0000e-005 | 4.3000e-004   | 3.0000e-005  | 4.6000e-004 | 1.2000e-004    | 3.0000e-005   | 1.5000e-004 |          |           |           |     |     |      |
| Total    | 0.0110      | 0.2813      | 0.0910 | 2.6000e-004 | 1.0200e-003   | 1.5000e-004  | 1.1700e-003 | 3.0000e-004    | 1.4000e-004   | 4.5000e-004 |          |           |           |     |     |      |

Mitigated Construction On-Site

|          | ROG    | NOx    | CO     | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|--------|--------|-------------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day |        |        |             |               |              |            |                |               |             | lb/day   |           |           |     |     |      |
| Off-Road | 0.2584 | 2.5977 | 3.3048 | 5.0200e-003 |               | 0.1382       | 0.1382     |                | 0.1271        | 0.1271      |          |           |           |     |     |      |
| Paving   | 0.0000 |        |        |             |               | 0.0000       | 0.0000     |                | 0.0000        | 0.0000      |          |           |           |     |     |      |
| Total    | 0.2584 | 2.5977 | 3.3048 | 5.0200e-003 |               | 0.1382       | 0.1382     |                | 0.1271        | 0.1271      |          |           |           |     |     |      |

Mitigated Construction Off-Site

|          | ROG    | NOx    | CO     | SO2    | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|--------|--------|--------|--------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | lb/day |        |        |        |               |              |            |                |               |             | lb/day   |           |           |     |     |      |
| Hauling  | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000        | 0.0000       | 0.0000     | 0.0000         | 0.0000        | 0.0000      |          |           |           |     |     |      |

100 E. Ocean  
Construction Emissions (Onsite)

|              |               |               |               |                    |                    |                    |                    |                    |                    |                    |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|--|--|--|--|--|
| Vendor       | 6.6000e-003   | 0.2800        | 0.0712        | 2.5000e-004        | 5.9000e-004        | 1.2000e-004        | 7.1000e-004        | 1.8000e-004        | 1.1000e-004        | 3.0000e-004        |  |  |  |  |  |  |
| Worker       | 4.4300e-003   | 1.2900e-003   | 0.0198        | 1.0000e-005        | 4.3000e-004        | 3.0000e-005        | 4.6000e-004        | 1.2000e-004        | 3.0000e-005        | 1.5000e-004        |  |  |  |  |  |  |
| <b>Total</b> | <b>0.0110</b> | <b>0.2813</b> | <b>0.0910</b> | <b>2.6000e-004</b> | <b>1.0200e-003</b> | <b>1.5000e-004</b> | <b>1.1700e-003</b> | <b>3.0000e-004</b> | <b>1.4000e-004</b> | <b>4.5000e-004</b> |  |  |  |  |  |  |



100 E. Ocean Blvd - Construction - South Coast Air Basin, Annual

**100 E. Ocean Blvd - Construction**  
**South Coast Air Basin, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

| Land Uses                      | Size   | Metric   | Lot Acreage | Floor Surface Area | Population |
|--------------------------------|--------|----------|-------------|--------------------|------------|
| Enclosed Parking with Elevator | 151.00 | Space    | 0.85        | 40,593.00          | 0          |
| Hotel                          | 429.00 | Room     | 14.30       | 446,123.00         | 0          |
| Quality Restaurant             | 23.51  | 1000sqft | 0.54        | 23,512.00          | 0          |
| Racquet Club                   | 26.85  | 1000sqft | 0.62        | 26,847.00          | 0          |

**1.2 Other Project Characteristics**

|                                 |                            |                                 |       |                                  |       |
|---------------------------------|----------------------------|---------------------------------|-------|----------------------------------|-------|
| <b>Urbanization</b>             | Urban                      | <b>Wind Speed (m/s)</b>         | 2.2   | <b>Precipitation Freq (Days)</b> | 31    |
| <b>Climate Zone</b>             | 11                         |                                 |       | <b>Operational Year</b>          | 2022  |
| <b>Utility Company</b>          | Southern California Edison |                                 |       |                                  |       |
| <b>CO2 Intensity (lb/MW hr)</b> | 549                        | <b>CH4 Intensity (lb/MW hr)</b> | 0.029 | <b>N2O Intensity (lb/MW hr)</b>  | 0.006 |

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - 2017 Southern California Edison Carbon Intensity

Land Use - see assumptions

Construction Phase - see assumptions

Off-road Equipment -

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Mat Foundation truck trips calculated using spreadsheet

Demolition - see construction assumptions

Grading - see construction assumptions

Vehicle Trips - see assumptions

Woodstoves - no hearths

Energy Use - see assumptions

Construction Off-road Equipment Mitigation - Tier 4 during Grading

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

100 E. Ocean  
Annual (GHG) Emissions

Stationary Sources - Emergency Generators and Fire Pumps -

| Table Name              | Column Name                | Default Value | New Value    |
|-------------------------|----------------------------|---------------|--------------|
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 1.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 2.00         |
| tblConstEquipMitigation | NumberOfEquipmentMitigated | 0.00          | 3.00         |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstEquipMitigation | Tier                       | No Change     | Tier 4 Final |
| tblConstructionPhase    | NumDays                    | 20.00         | 25.00        |
| tblConstructionPhase    | NumDays                    | 30.00         | 20.00        |
| tblConstructionPhase    | NumDays                    | 300.00        | 3.00         |
| tblConstructionPhase    | NumDays                    | 300.00        | 44.00        |
| tblConstructionPhase    | NumDays                    | 300.00        | 451.00       |
| tblConstructionPhase    | NumDays                    | 300.00        | 211.00       |
| tblConstructionPhase    | NumDays                    | 20.00         | 109.00       |
| tblConstructionPhase    | NumDays                    | 20.00         | 66.00        |
| tblEnergyUse            | T24E                       | 3.92          | 0.43         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | HHD                        | 0.03          | 0.03         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDA                        | 0.55          | 0.55         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT1                       | 0.04          | 0.04         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LDT2                       | 0.20          | 0.20         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD1                       | 0.02          | 0.02         |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |
| tblFleetMix             | LHD2                       | 5.8630e-003   | 5.8640e-003  |

100 E. Ocean  
Annual (GHG) Emissions

|                     |                            |             |             |
|---------------------|----------------------------|-------------|-------------|
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MCY                        | 4.8030e-003 | 4.7660e-003 |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MDV                        | 0.12        | 0.12        |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MH                         | 8.9600e-004 | 9.2400e-004 |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | MHD                        | 0.02        | 0.02        |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | OBUS                       | 2.0870e-003 | 2.0590e-003 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | SBUS                       | 7.0800e-004 | 7.0600e-004 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblFleetMix         | UBUS                       | 1.8180e-003 | 1.8660e-003 |
| tblGrading          | AcresOfGrading             | 0.00        | 0.85        |
| tblGrading          | MaterialExported           | 0.00        | 23,500.00   |
| tblLandUse          | LandUseSquareFeet          | 60,400.00   | 40,593.00   |
| tblLandUse          | LandUseSquareFeet          | 622,908.00  | 446,123.00  |
| tblLandUse          | LandUseSquareFeet          | 23,510.00   | 23,512.00   |
| tblLandUse          | LandUseSquareFeet          | 26,850.00   | 26,847.00   |
| tblLandUse          | LotAcreage                 | 1.36        | 0.85        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 2.00        | 1.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 2.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 3.00        | 1.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |
| tblOffRoadEquipment | OffRoadEquipmentUnitAmount | 1.00        | 0.00        |

100 E. Ocean  
Annual (GHG) Emissions

|                           |                            |          |          |
|---------------------------|----------------------------|----------|----------|
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 1.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 3.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 2.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 0.00     |
| tblOffRoadEquipment       | OffRoadEquipmentUnitAmount | 1.00     | 2.00     |
| tblOffRoadEquipment       | UsageHours                 | 8.00     | 6.00     |
| tblOffRoadEquipment       | UsageHours                 | 8.00     | 6.00     |
| tblOffRoadEquipment       | UsageHours                 | 7.00     | 8.00     |
| tblOffRoadEquipment       | UsageHours                 | 7.00     | 8.00     |
| tblProjectCharacteristics | CO2IntensityFactor         | 702.44   | 549      |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 75.00    |
| tblTripsAndVMT            | HaulingTripLength          | 20.00    | 75.00    |
| tblTripsAndVMT            | HaulingTripNumber          | 237.00   | 1,250.00 |
| tblTripsAndVMT            | HaulingTripNumber          | 2,938.00 | 2,000.00 |
| tblTripsAndVMT            | VendorTripLength           | 6.90     | 0.00     |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 0.00     |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 50.00    |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 15.00    |
| tblTripsAndVMT            | VendorTripNumber           | 88.00    | 5.00     |
| tblTripsAndVMT            | VendorTripNumber           | 0.00     | 5.00     |
| tblTripsAndVMT            | VendorVehicleClass         | HDT_Mix  | HHDT     |
| tblTripsAndVMT            | WorkerTripNumber           | 15.00    | 13.00    |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 226.00   | 248.00   |
| tblTripsAndVMT            | WorkerTripNumber           | 45.00    | 50.00    |
| tblVehicleEF              | HHD                        | 0.67     | 0.71     |
| tblVehicleEF              | HHD                        | 0.10     | 0.10     |
| tblVehicleEF              | HHD                        | 0.08     | 0.09     |
| tblVehicleEF              | HHD                        | 2.43     | 2.56     |
| tblVehicleEF              | HHD                        | 1.04     | 1.05     |
| tblVehicleEF              | HHD                        | 3.01     | 3.07     |
| tblVehicleEF              | HHD                        | 4,575.00 | 4,614.35 |
| tblVehicleEF              | HHD                        | 1,616.40 | 1,636.80 |
| tblVehicleEF              | HHD                        | 9.63     | 9.65     |
| tblVehicleEF              | HHD                        | 19.99    | 21.22    |
| tblVehicleEF              | HHD                        | 3.61     | 4.00     |
| tblVehicleEF              | HHD                        | 19.66    | 19.68    |

100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.0100e-004 | 1.0700e-004 |
| tblVehicleEF | HHD | 4.2560e-003 | 4.4990e-003 |
| tblVehicleEF | HHD | 0.60        | 0.64        |
| tblVehicleEF | HHD | 7.3000e-005 | 7.7000e-005 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.5800e-004 | 3.9200e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |
| tblVehicleEF | HHD | 0.04        | 0.04        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4600e-004 | 1.4700e-004 |
| tblVehicleEF | HHD | 1.0100e-004 | 1.0700e-004 |
| tblVehicleEF | HHD | 4.2560e-003 | 4.4990e-003 |
| tblVehicleEF | HHD | 0.70        | 0.74        |
| tblVehicleEF | HHD | 7.3000e-005 | 7.7000e-005 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.5800e-004 | 3.9200e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 0.63        | 0.67        |
| tblVehicleEF | HHD | 0.10        | 0.10        |
| tblVehicleEF | HHD | 0.08        | 0.08        |
| tblVehicleEF | HHD | 1.76        | 1.86        |
| tblVehicleEF | HHD | 1.05        | 1.05        |
| tblVehicleEF | HHD | 2.86        | 2.92        |
| tblVehicleEF | HHD | 4,846.62    | 4,886.91    |
| tblVehicleEF | HHD | 1,616.40    | 1,636.80    |
| tblVehicleEF | HHD | 9.63        | 9.65        |
| tblVehicleEF | HHD | 20.63       | 21.90       |
| tblVehicleEF | HHD | 3.41        | 3.78        |
| tblVehicleEF | HHD | 19.65       | 19.67       |
| tblVehicleEF | HHD | 0.01        | 0.01        |
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.01        | 0.01        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.5900e-004 | 1.6900e-004 |
| tblVehicleEF | HHD | 4.4210e-003 | 4.6790e-003 |
| tblVehicleEF | HHD | 0.57        | 0.60        |
| tblVehicleEF | HHD | 1.1200e-004 | 1.1900e-004 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.5000e-004 | 3.8400e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |

100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | HHD | 0.04        | 0.05        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4300e-004 | 1.4500e-004 |
| tblVehicleEF | HHD | 1.5900e-004 | 1.6900e-004 |
| tblVehicleEF | HHD | 4.4210e-003 | 4.6790e-003 |
| tblVehicleEF | HHD | 0.66        | 0.70        |
| tblVehicleEF | HHD | 1.1200e-004 | 1.1900e-004 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.5000e-004 | 3.8400e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 0.73        | 0.76        |
| tblVehicleEF | HHD | 0.10        | 0.10        |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | HHD | 3.34        | 3.52        |
| tblVehicleEF | HHD | 1.04        | 1.05        |
| tblVehicleEF | HHD | 3.03        | 3.09        |
| tblVehicleEF | HHD | 4,199.91    | 4,237.96    |
| tblVehicleEF | HHD | 1,616.40    | 1,636.80    |
| tblVehicleEF | HHD | 9.63        | 9.65        |
| tblVehicleEF | HHD | 19.10       | 20.29       |
| tblVehicleEF | HHD | 3.55        | 3.93        |
| tblVehicleEF | HHD | 19.66       | 19.68       |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 0.06        | 0.06        |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 8.1000e-005 | 8.2000e-005 |
| tblVehicleEF | HHD | 0.02        | 0.02        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 9.9000e-005 | 1.0600e-004 |
| tblVehicleEF | HHD | 4.5600e-003 | 4.8510e-003 |
| tblVehicleEF | HHD | 0.65        | 0.69        |
| tblVehicleEF | HHD | 7.2000e-005 | 7.6000e-005 |
| tblVehicleEF | HHD | 0.13        | 0.14        |
| tblVehicleEF | HHD | 3.8800e-004 | 4.2400e-004 |
| tblVehicleEF | HHD | 0.07        | 0.08        |
| tblVehicleEF | HHD | 0.04        | 0.04        |
| tblVehicleEF | HHD | 0.01        | 0.02        |
| tblVehicleEF | HHD | 1.4600e-004 | 1.4800e-004 |
| tblVehicleEF | HHD | 9.9000e-005 | 1.0600e-004 |
| tblVehicleEF | HHD | 4.5600e-003 | 4.8510e-003 |
| tblVehicleEF | HHD | 0.76        | 0.80        |
| tblVehicleEF | HHD | 7.2000e-005 | 7.6000e-005 |
| tblVehicleEF | HHD | 0.24        | 0.25        |
| tblVehicleEF | HHD | 3.8800e-004 | 4.2400e-004 |
| tblVehicleEF | HHD | 0.08        | 0.09        |
| tblVehicleEF | LDA | 4.7320e-003 | 5.2370e-003 |
| tblVehicleEF | LDA | 5.1190e-003 | 5.8590e-003 |
| tblVehicleEF | LDA | 0.61        | 0.66        |

100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | LDA | 1.10        | 1.22        |
| tblVehicleEF | LDA | 264.52      | 275.64      |
| tblVehicleEF | LDA | 56.84       | 58.98       |
| tblVehicleEF | LDA | 0.05        | 0.05        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.10        | 0.10        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.01        | 0.01        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.07        | 0.08        |
| tblVehicleEF | LDA | 2.6490e-003 | 2.7610e-003 |
| tblVehicleEF | LDA | 5.8700e-004 | 6.1000e-004 |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.10        | 0.10        |
| tblVehicleEF | LDA | 0.03        | 0.04        |
| tblVehicleEF | LDA | 0.02        | 0.02        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.08        | 0.09        |
| tblVehicleEF | LDA | 5.0590e-003 | 5.5960e-003 |
| tblVehicleEF | LDA | 4.5320e-003 | 5.1860e-003 |
| tblVehicleEF | LDA | 0.68        | 0.73        |
| tblVehicleEF | LDA | 0.94        | 1.04        |
| tblVehicleEF | LDA | 278.28      | 289.97      |
| tblVehicleEF | LDA | 56.84       | 58.98       |
| tblVehicleEF | LDA | 0.04        | 0.05        |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 0.10        | 0.11        |
| tblVehicleEF | LDA | 0.05        | 0.06        |
| tblVehicleEF | LDA | 0.01        | 0.01        |
| tblVehicleEF | LDA | 0.04        | 0.04        |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 2.7880e-003 | 2.9050e-003 |
| tblVehicleEF | LDA | 5.8400e-004 | 6.0700e-004 |
| tblVehicleEF | LDA | 0.06        | 0.07        |
| tblVehicleEF | LDA | 0.10        | 0.11        |
| tblVehicleEF | LDA | 0.05        | 0.06        |
| tblVehicleEF | LDA | 0.02        | 0.02        |
| tblVehicleEF | LDA | 0.04        | 0.04        |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDA  | 0.07        | 0.08        |
| tblVehicleEF | LDA  | 4.6390e-003 | 5.1330e-003 |
| tblVehicleEF | LDA  | 5.2220e-003 | 5.9780e-003 |
| tblVehicleEF | LDA  | 0.59        | 0.63        |
| tblVehicleEF | LDA  | 1.13        | 1.25        |
| tblVehicleEF | LDA  | 260.28      | 271.21      |
| tblVehicleEF | LDA  | 56.84       | 58.98       |
| tblVehicleEF | LDA  | 0.05        | 0.05        |
| tblVehicleEF | LDA  | 0.07        | 0.08        |
| tblVehicleEF | LDA  | 2.0040e-003 | 2.0540e-003 |
| tblVehicleEF | LDA  | 2.2630e-003 | 2.2900e-003 |
| tblVehicleEF | LDA  | 1.8470e-003 | 1.8940e-003 |
| tblVehicleEF | LDA  | 2.0810e-003 | 2.1060e-003 |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.11        | 0.11        |
| tblVehicleEF | LDA  | 0.03        | 0.04        |
| tblVehicleEF | LDA  | 0.01        | 0.01        |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.07        | 0.08        |
| tblVehicleEF | LDA  | 2.6070e-003 | 2.7160e-003 |
| tblVehicleEF | LDA  | 5.8700e-004 | 6.1100e-004 |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.11        | 0.11        |
| tblVehicleEF | LDA  | 0.03        | 0.04        |
| tblVehicleEF | LDA  | 0.02        | 0.02        |
| tblVehicleEF | LDA  | 0.04        | 0.04        |
| tblVehicleEF | LDA  | 0.08        | 0.09        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 1.50        | 1.65        |
| tblVehicleEF | LDT1 | 2.78        | 3.09        |
| tblVehicleEF | LDT1 | 329.98      | 340.20      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.14        | 0.16        |
| tblVehicleEF | LDT1 | 0.16        | 0.18        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.27        | 0.29        |
| tblVehicleEF | LDT1 | 0.11        | 0.11        |
| tblVehicleEF | LDT1 | 0.03        | 0.04        |
| tblVehicleEF | LDT1 | 0.17        | 0.18        |
| tblVehicleEF | LDT1 | 0.19        | 0.22        |
| tblVehicleEF | LDT1 | 3.3190e-003 | 3.4230e-003 |
| tblVehicleEF | LDT1 | 7.4600e-004 | 7.7000e-004 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |



100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.27        | 0.29        |
| tblVehicleEF | LDT1 | 0.11        | 0.11        |
| tblVehicleEF | LDT1 | 0.05        | 0.05        |
| tblVehicleEF | LDT1 | 0.17        | 0.18        |
| tblVehicleEF | LDT1 | 0.21        | 0.24        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 1.65        | 1.80        |
| tblVehicleEF | LDT1 | 2.36        | 2.62        |
| tblVehicleEF | LDT1 | 345.91      | 356.62      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.12        | 0.14        |
| tblVehicleEF | LDT1 | 0.15        | 0.17        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.21        | 0.23        |
| tblVehicleEF | LDT1 | 0.29        | 0.31        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.04        | 0.04        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.17        | 0.19        |
| tblVehicleEF | LDT1 | 3.4800e-003 | 3.5890e-003 |
| tblVehicleEF | LDT1 | 7.3900e-004 | 7.6200e-004 |
| tblVehicleEF | LDT1 | 0.21        | 0.23        |
| tblVehicleEF | LDT1 | 0.29        | 0.31        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.05        | 0.06        |
| tblVehicleEF | LDT1 | 0.16        | 0.17        |
| tblVehicleEF | LDT1 | 0.18        | 0.21        |
| tblVehicleEF | LDT1 | 0.01        | 0.01        |
| tblVehicleEF | LDT1 | 0.01        | 0.02        |
| tblVehicleEF | LDT1 | 1.46        | 1.60        |
| tblVehicleEF | LDT1 | 2.85        | 3.17        |
| tblVehicleEF | LDT1 | 324.92      | 335.00      |
| tblVehicleEF | LDT1 | 69.73       | 71.61       |
| tblVehicleEF | LDT1 | 0.14        | 0.15        |
| tblVehicleEF | LDT1 | 0.16        | 0.18        |
| tblVehicleEF | LDT1 | 3.1530e-003 | 3.3220e-003 |
| tblVehicleEF | LDT1 | 3.4030e-003 | 3.5650e-003 |
| tblVehicleEF | LDT1 | 2.9030e-003 | 3.0590e-003 |
| tblVehicleEF | LDT1 | 3.1300e-003 | 3.2780e-003 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.31        | 0.33        |
| tblVehicleEF | LDT1 | 0.10        | 0.11        |
| tblVehicleEF | LDT1 | 0.03        | 0.04        |
| tblVehicleEF | LDT1 | 0.20        | 0.21        |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT1 | 0.20        | 0.22        |
| tblVehicleEF | LDT1 | 3.2670e-003 | 3.3700e-003 |
| tblVehicleEF | LDT1 | 7.4700e-004 | 7.7200e-004 |
| tblVehicleEF | LDT1 | 0.13        | 0.14        |
| tblVehicleEF | LDT1 | 0.31        | 0.33        |
| tblVehicleEF | LDT1 | 0.10        | 0.11        |
| tblVehicleEF | LDT1 | 0.05        | 0.05        |
| tblVehicleEF | LDT1 | 0.20        | 0.21        |
| tblVehicleEF | LDT1 | 0.21        | 0.24        |
| tblVehicleEF | LDT2 | 6.5030e-003 | 7.0730e-003 |
| tblVehicleEF | LDT2 | 6.3830e-003 | 7.2060e-003 |
| tblVehicleEF | LDT2 | 0.79        | 0.84        |
| tblVehicleEF | LDT2 | 1.35        | 1.49        |
| tblVehicleEF | LDT2 | 369.75      | 383.00      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.08        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.09        | 0.10        |
| tblVehicleEF | LDT2 | 3.7040e-003 | 3.8370e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 8.3500e-004 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.03        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.09        | 0.11        |
| tblVehicleEF | LDT2 | 6.9410e-003 | 7.5460e-003 |
| tblVehicleEF | LDT2 | 5.6550e-003 | 6.3840e-003 |
| tblVehicleEF | LDT2 | 0.88        | 0.94        |
| tblVehicleEF | LDT2 | 1.16        | 1.28        |
| tblVehicleEF | LDT2 | 388.22      | 402.13      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.08        | 0.09        |
| tblVehicleEF | LDT2 | 3.8890e-003 | 4.0290e-003 |
| tblVehicleEF | LDT2 | 8.0300e-004 | 8.3200e-004 |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.03        | 0.03        |
| tblVehicleEF | LDT2 | 0.06        | 0.06        |
| tblVehicleEF | LDT2 | 0.08        | 0.09        |
| tblVehicleEF | LDT2 | 6.3770e-003 | 6.9360e-003 |
| tblVehicleEF | LDT2 | 6.5100e-003 | 7.3510e-003 |
| tblVehicleEF | LDT2 | 0.77        | 0.82        |
| tblVehicleEF | LDT2 | 1.39        | 1.53        |
| tblVehicleEF | LDT2 | 363.95      | 376.98      |
| tblVehicleEF | LDT2 | 78.41       | 81.03       |
| tblVehicleEF | LDT2 | 0.07        | 0.08        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 1.9980e-003 | 2.0030e-003 |
| tblVehicleEF | LDT2 | 2.3340e-003 | 2.3200e-003 |
| tblVehicleEF | LDT2 | 1.8370e-003 | 1.8420e-003 |
| tblVehicleEF | LDT2 | 2.1460e-003 | 2.1330e-003 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.04        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.02        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.09        | 0.10        |
| tblVehicleEF | LDT2 | 3.6450e-003 | 3.7760e-003 |
| tblVehicleEF | LDT2 | 8.0700e-004 | 8.3600e-004 |
| tblVehicleEF | LDT2 | 0.05        | 0.05        |
| tblVehicleEF | LDT2 | 0.11        | 0.12        |
| tblVehicleEF | LDT2 | 0.04        | 0.05        |
| tblVehicleEF | LDT2 | 0.02        | 0.03        |
| tblVehicleEF | LDT2 | 0.07        | 0.07        |
| tblVehicleEF | LDT2 | 0.10        | 0.11        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.82        | 0.91        |
| tblVehicleEF | LHD1 | 2.61        | 2.82        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.18        | 1.29        |
| tblVehicleEF | LHD1 | 1.00        | 1.05        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 3.1050e-003 | 3.2410e-003 |
| tblVehicleEF | LHD1 | 0.10        | 0.10        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9050e-003 |
| tblVehicleEF | LHD1 | 0.06        | 0.07        |
| tblVehicleEF | LHD1 | 0.30        | 0.31        |
| tblVehicleEF | LHD1 | 0.26        | 0.28        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 3.8800e-004 |
| tblVehicleEF | LHD1 | 3.1050e-003 | 3.2410e-003 |
| tblVehicleEF | LHD1 | 0.10        | 0.10        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9050e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.30        | 0.31        |
| tblVehicleEF | LHD1 | 0.28        | 0.31        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.83        | 0.93        |
| tblVehicleEF | LHD1 | 2.49        | 2.69        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.11        | 1.21        |
| tblVehicleEF | LHD1 | 0.95        | 1.01        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 4.7620e-003 | 4.9770e-003 |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.11        | 0.11        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 2.7490e-003 | 2.8490e-003 |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 0.30        | 0.30        |
| tblVehicleEF | LHD1 | 0.25        | 0.27        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7200e-004 | 3.8600e-004 |
| tblVehicleEF | LHD1 | 4.7620e-003 | 4.9770e-003 |
| tblVehicleEF | LHD1 | 0.11        | 0.11        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 2.7490e-003 | 2.8490e-003 |
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.30        | 0.30        |
| tblVehicleEF | LHD1 | 0.27        | 0.30        |
| tblVehicleEF | LHD1 | 5.4900e-003 | 5.8650e-003 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 0.15        | 0.15        |
| tblVehicleEF | LHD1 | 0.82        | 0.91        |
| tblVehicleEF | LHD1 | 2.62        | 2.83        |
| tblVehicleEF | LHD1 | 9.01        | 9.00        |
| tblVehicleEF | LHD1 | 602.57      | 610.84      |
| tblVehicleEF | LHD1 | 32.53       | 33.53       |
| tblVehicleEF | LHD1 | 0.07        | 0.07        |
| tblVehicleEF | LHD1 | 1.16        | 1.27        |
| tblVehicleEF | LHD1 | 1.00        | 1.06        |
| tblVehicleEF | LHD1 | 8.5900e-004 | 8.5200e-004 |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 0.01        | 0.01        |
| tblVehicleEF | LHD1 | 9.5300e-004 | 1.0140e-003 |
| tblVehicleEF | LHD1 | 8.2200e-004 | 8.1500e-004 |
| tblVehicleEF | LHD1 | 2.5220e-003 | 2.5040e-003 |
| tblVehicleEF | LHD1 | 9.6600e-003 | 9.9770e-003 |
| tblVehicleEF | LHD1 | 8.7600e-004 | 9.3200e-004 |
| tblVehicleEF | LHD1 | 3.2410e-003 | 3.4040e-003 |
| tblVehicleEF | LHD1 | 0.12        | 0.12        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9090e-003 |
| tblVehicleEF | LHD1 | 0.06        | 0.07        |
| tblVehicleEF | LHD1 | 0.33        | 0.34        |
| tblVehicleEF | LHD1 | 0.26        | 0.28        |
| tblVehicleEF | LHD1 | 5.9150e-003 | 6.0020e-003 |
| tblVehicleEF | LHD1 | 3.7400e-004 | 3.8900e-004 |
| tblVehicleEF | LHD1 | 3.2410e-003 | 3.4040e-003 |
| tblVehicleEF | LHD1 | 0.12        | 0.12        |
| tblVehicleEF | LHD1 | 0.02        | 0.02        |
| tblVehicleEF | LHD1 | 1.8470e-003 | 1.9090e-003 |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD1 | 0.08        | 0.09        |
| tblVehicleEF | LHD1 | 0.33        | 0.34        |
| tblVehicleEF | LHD1 | 0.28        | 0.31        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.1770e-003 | 4.8360e-003 |
| tblVehicleEF | LHD2 | 8.3290e-003 | 9.6030e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.40        |
| tblVehicleEF | LHD2 | 1.31        | 1.43        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.79        | 0.92        |
| tblVehicleEF | LHD2 | 0.55        | 0.60        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.1420e-003 | 1.2560e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 7.3400e-004 | 7.8900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.11        | 0.13        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 3.0700e-004 |
| tblVehicleEF | LHD2 | 1.1420e-003 | 1.2560e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 7.3400e-004 | 7.8900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.2300e-003 | 4.9030e-003 |
| tblVehicleEF | LHD2 | 8.0420e-003 | 9.2650e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.41        |
| tblVehicleEF | LHD2 | 1.25        | 1.37        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.75        | 0.87        |
| tblVehicleEF | LHD2 | 0.53        | 0.57        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.7400e-003 | 1.9160e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 1.0770e-003 | 1.1630e-003 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.11        | 0.12        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9400e-004 | 3.0500e-004 |
| tblVehicleEF | LHD2 | 1.7400e-003 | 1.9160e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.04        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 1.0770e-003 | 1.1630e-003 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.08        | 0.09        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | LHD2 | 3.9190e-003 | 4.2310e-003 |
| tblVehicleEF | LHD2 | 4.1650e-003 | 4.8210e-003 |
| tblVehicleEF | LHD2 | 8.3690e-003 | 9.6490e-003 |
| tblVehicleEF | LHD2 | 0.13        | 0.13        |
| tblVehicleEF | LHD2 | 0.36        | 0.40        |
| tblVehicleEF | LHD2 | 1.31        | 1.44        |
| tblVehicleEF | LHD2 | 13.72       | 13.72       |
| tblVehicleEF | LHD2 | 614.85      | 622.35      |
| tblVehicleEF | LHD2 | 27.18       | 28.04       |
| tblVehicleEF | LHD2 | 0.10        | 0.10        |
| tblVehicleEF | LHD2 | 0.78        | 0.91        |
| tblVehicleEF | LHD2 | 0.55        | 0.60        |
| tblVehicleEF | LHD2 | 1.1860e-003 | 1.2020e-003 |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 9.4880e-003 | 0.01        |
| tblVehicleEF | LHD2 | 4.4600e-004 | 4.7900e-004 |
| tblVehicleEF | LHD2 | 1.1350e-003 | 1.1500e-003 |
| tblVehicleEF | LHD2 | 2.6600e-003 | 2.6500e-003 |
| tblVehicleEF | LHD2 | 9.0640e-003 | 9.5740e-003 |
| tblVehicleEF | LHD2 | 4.1000e-004 | 4.4000e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.2860e-003 |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | LHD2 | 0.04        | 0.05        |
| tblVehicleEF | LHD2 | 0.01        | 0.01        |
| tblVehicleEF | LHD2 | 7.2200e-004 | 7.7900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.05        |
| tblVehicleEF | LHD2 | 0.09        | 0.10        |
| tblVehicleEF | LHD2 | 0.11        | 0.13        |
| tblVehicleEF | LHD2 | 5.9900e-003 | 6.0660e-003 |
| tblVehicleEF | LHD2 | 2.9600e-004 | 3.0700e-004 |
| tblVehicleEF | LHD2 | 1.1570e-003 | 1.2860e-003 |
| tblVehicleEF | LHD2 | 0.04        | 0.05        |
| tblVehicleEF | LHD2 | 0.02        | 0.02        |
| tblVehicleEF | LHD2 | 7.2200e-004 | 7.7900e-004 |
| tblVehicleEF | LHD2 | 0.05        | 0.06        |
| tblVehicleEF | LHD2 | 0.09        | 0.10        |
| tblVehicleEF | LHD2 | 0.12        | 0.14        |
| tblVehicleEF | MCY  | 0.51        | 0.51        |
| tblVehicleEF | MCY  | 0.15        | 0.15        |
| tblVehicleEF | MCY  | 18.80       | 19.07       |
| tblVehicleEF | MCY  | 9.65        | 9.63        |
| tblVehicleEF | MCY  | 183.48      | 182.98      |
| tblVehicleEF | MCY  | 44.84       | 45.23       |
| tblVehicleEF | MCY  | 1.13        | 1.13        |
| tblVehicleEF | MCY  | 0.31        | 0.31        |
| tblVehicleEF | MCY  | 2.2940e-003 | 2.2410e-003 |
| tblVehicleEF | MCY  | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY  | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY  | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY  | 1.14        | 1.14        |
| tblVehicleEF | MCY  | 0.67        | 0.68        |
| tblVehicleEF | MCY  | 0.68        | 0.68        |
| tblVehicleEF | MCY  | 2.48        | 2.50        |
| tblVehicleEF | MCY  | 0.62        | 0.64        |
| tblVehicleEF | MCY  | 2.05        | 2.06        |
| tblVehicleEF | MCY  | 6.6700e-004 | 6.7000e-004 |
| tblVehicleEF | MCY  | 1.14        | 1.14        |
| tblVehicleEF | MCY  | 0.67        | 0.68        |
| tblVehicleEF | MCY  | 0.68        | 0.68        |
| tblVehicleEF | MCY  | 3.09        | 3.10        |
| tblVehicleEF | MCY  | 0.62        | 0.64        |
| tblVehicleEF | MCY  | 2.23        | 2.25        |
| tblVehicleEF | MCY  | 0.50        | 0.50        |
| tblVehicleEF | MCY  | 0.13        | 0.13        |
| tblVehicleEF | MCY  | 18.21       | 18.47       |
| tblVehicleEF | MCY  | 8.85        | 8.84        |
| tblVehicleEF | MCY  | 183.48      | 182.98      |
| tblVehicleEF | MCY  | 44.84       | 45.23       |
| tblVehicleEF | MCY  | 0.98        | 0.99        |
| tblVehicleEF | MCY  | 0.29        | 0.29        |



100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MCY | 2.2940e-003 | 2.2410e-003 |
| tblVehicleEF | MCY | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY | 1.89        | 1.89        |
| tblVehicleEF | MCY | 0.77        | 0.78        |
| tblVehicleEF | MCY | 1.19        | 1.20        |
| tblVehicleEF | MCY | 2.43        | 2.44        |
| tblVehicleEF | MCY | 0.59        | 0.60        |
| tblVehicleEF | MCY | 1.83        | 1.84        |
| tblVehicleEF | MCY | 2.2060e-003 | 2.2050e-003 |
| tblVehicleEF | MCY | 6.4700e-004 | 6.5100e-004 |
| tblVehicleEF | MCY | 1.89        | 1.89        |
| tblVehicleEF | MCY | 0.77        | 0.78        |
| tblVehicleEF | MCY | 1.19        | 1.20        |
| tblVehicleEF | MCY | 3.02        | 3.03        |
| tblVehicleEF | MCY | 0.59        | 0.60        |
| tblVehicleEF | MCY | 1.99        | 2.00        |
| tblVehicleEF | MCY | 0.51        | 0.51        |
| tblVehicleEF | MCY | 0.15        | 0.15        |
| tblVehicleEF | MCY | 18.82       | 19.09       |
| tblVehicleEF | MCY | 9.73        | 9.71        |
| tblVehicleEF | MCY | 183.48      | 182.98      |
| tblVehicleEF | MCY | 44.84       | 45.23       |
| tblVehicleEF | MCY | 1.10        | 1.10        |
| tblVehicleEF | MCY | 0.31        | 0.31        |
| tblVehicleEF | MCY | 2.2940e-003 | 2.2410e-003 |
| tblVehicleEF | MCY | 3.7680e-003 | 3.8530e-003 |
| tblVehicleEF | MCY | 2.1440e-003 | 2.0960e-003 |
| tblVehicleEF | MCY | 3.5480e-003 | 3.6310e-003 |
| tblVehicleEF | MCY | 1.26        | 1.26        |
| tblVehicleEF | MCY | 0.87        | 0.89        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 2.49        | 2.51        |
| tblVehicleEF | MCY | 0.71        | 0.73        |
| tblVehicleEF | MCY | 2.08        | 2.09        |
| tblVehicleEF | MCY | 2.2180e-003 | 2.2170e-003 |
| tblVehicleEF | MCY | 6.6900e-004 | 6.7300e-004 |
| tblVehicleEF | MCY | 1.26        | 1.26        |
| tblVehicleEF | MCY | 0.87        | 0.89        |
| tblVehicleEF | MCY | 0.67        | 0.68        |
| tblVehicleEF | MCY | 3.10        | 3.11        |
| tblVehicleEF | MCY | 0.71        | 0.73        |
| tblVehicleEF | MCY | 2.27        | 2.28        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.02        |
| tblVehicleEF | MDV | 1.28        | 1.48        |
| tblVehicleEF | MDV | 2.55        | 2.84        |

100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 499.94      | 515.84      |
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.14        | 0.16        |
| tblVehicleEF | MDV | 0.23        | 0.26        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.16        | 0.17        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.19        | 0.22        |
| tblVehicleEF | MDV | 5.0080e-003 | 5.1700e-003 |
| tblVehicleEF | MDV | 1.0890e-003 | 1.1250e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.16        | 0.17        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.05        | 0.06        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.21        | 0.24        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 1.42        | 1.62        |
| tblVehicleEF | MDV | 2.17        | 2.43        |
| tblVehicleEF | MDV | 524.64      | 541.35      |
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.12        | 0.14        |
| tblVehicleEF | MDV | 0.21        | 0.24        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.12        | 0.12        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.17        | 0.19        |
| tblVehicleEF | MDV | 5.2560e-003 | 5.4270e-003 |
| tblVehicleEF | MDV | 1.0820e-003 | 1.1180e-003 |
| tblVehicleEF | MDV | 0.12        | 0.12        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.05        | 0.06        |
| tblVehicleEF | MDV | 0.09        | 0.09        |
| tblVehicleEF | MDV | 0.19        | 0.21        |

100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MDV | 0.01        | 0.01        |
| tblVehicleEF | MDV | 0.01        | 0.02        |
| tblVehicleEF | MDV | 1.24        | 1.43        |
| tblVehicleEF | MDV | 2.61        | 2.91        |
| tblVehicleEF | MDV | 492.31      | 507.96      |
| tblVehicleEF | MDV | 104.42      | 107.54      |
| tblVehicleEF | MDV | 0.14        | 0.16        |
| tblVehicleEF | MDV | 0.23        | 0.26        |
| tblVehicleEF | MDV | 2.1490e-003 | 2.2020e-003 |
| tblVehicleEF | MDV | 2.4500e-003 | 2.5070e-003 |
| tblVehicleEF | MDV | 1.9810e-003 | 2.0310e-003 |
| tblVehicleEF | MDV | 2.2530e-003 | 2.3070e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.03        | 0.04        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.20        | 0.22        |
| tblVehicleEF | MDV | 4.9310e-003 | 5.0910e-003 |
| tblVehicleEF | MDV | 1.0900e-003 | 1.1270e-003 |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.17        | 0.18        |
| tblVehicleEF | MDV | 0.07        | 0.07        |
| tblVehicleEF | MDV | 0.04        | 0.05        |
| tblVehicleEF | MDV | 0.11        | 0.11        |
| tblVehicleEF | MDV | 0.22        | 0.25        |
| tblVehicleEF | MH  | 0.03        | 0.03        |
| tblVehicleEF | MH  | 0.02        | 0.03        |
| tblVehicleEF | MH  | 2.16        | 2.62        |
| tblVehicleEF | MH  | 5.62        | 6.15        |
| tblVehicleEF | MH  | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH  | 59.31       | 59.77       |
| tblVehicleEF | MH  | 1.21        | 1.30        |
| tblVehicleEF | MH  | 0.79        | 0.84        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 0.02        | 0.03        |
| tblVehicleEF | MH  | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH  | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH  | 1.02        | 1.12        |
| tblVehicleEF | MH  | 0.07        | 0.08        |
| tblVehicleEF | MH  | 0.42        | 0.46        |
| tblVehicleEF | MH  | 0.08        | 0.10        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.32        | 0.35        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 6.9100e-004 | 7.0500e-004 |

100 E. Ocean  
Annual (GHG) Emissions

|              |    |             |             |
|--------------|----|-------------|-------------|
| tblVehicleEF | MH | 1.02        | 1.12        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.42        | 0.46        |
| tblVehicleEF | MH | 0.12        | 0.14        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.35        | 0.39        |
| tblVehicleEF | MH | 0.03        | 0.03        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 2.23        | 2.70        |
| tblVehicleEF | MH | 5.28        | 5.78        |
| tblVehicleEF | MH | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH | 59.31       | 59.77       |
| tblVehicleEF | MH | 1.12        | 1.20        |
| tblVehicleEF | MH | 0.76        | 0.81        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 9.9500e-004 | 1.0650e-003 |
| tblVehicleEF | MH | 1.55        | 1.71        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.64        | 0.70        |
| tblVehicleEF | MH | 0.09        | 0.10        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.31        | 0.34        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 6.8500e-004 | 6.9800e-004 |
| tblVehicleEF | MH | 1.55        | 1.71        |
| tblVehicleEF | MH | 0.07        | 0.08        |
| tblVehicleEF | MH | 0.64        | 0.70        |
| tblVehicleEF | MH | 0.12        | 0.14        |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 0.34        | 0.37        |
| tblVehicleEF | MH | 0.03        | 0.03        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 2.15        | 2.60        |
| tblVehicleEF | MH | 5.66        | 6.19        |
| tblVehicleEF | MH | 1,106.35    | 1,110.38    |
| tblVehicleEF | MH | 59.31       | 59.77       |
| tblVehicleEF | MH | 1.19        | 1.28        |
| tblVehicleEF | MH | 0.80        | 0.85        |
| tblVehicleEF | MH | 0.01        | 0.01        |
| tblVehicleEF | MH | 0.02        | 0.03        |
| tblVehicleEF | MH | 1.0820e-003 | 1.1580e-003 |
| tblVehicleEF | MH | 3.2160e-003 | 3.2140e-003 |
| tblVehicleEF | MH | 0.02        | 0.02        |
| tblVehicleEF | MH | 9.9500e-004 | 1.0650e-003 |

100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MH  | 1.15        | 1.27        |
| tblVehicleEF | MH  | 0.09        | 0.09        |
| tblVehicleEF | MH  | 0.44        | 0.48        |
| tblVehicleEF | MH  | 0.08        | 0.10        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.32        | 0.36        |
| tblVehicleEF | MH  | 0.01        | 0.01        |
| tblVehicleEF | MH  | 6.9200e-004 | 7.0600e-004 |
| tblVehicleEF | MH  | 1.15        | 1.27        |
| tblVehicleEF | MH  | 0.09        | 0.09        |
| tblVehicleEF | MH  | 0.44        | 0.48        |
| tblVehicleEF | MH  | 0.11        | 0.14        |
| tblVehicleEF | MH  | 0.02        | 0.02        |
| tblVehicleEF | MH  | 0.35        | 0.39        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1360e-003 | 4.8170e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.36        | 0.37        |
| tblVehicleEF | MHD | 0.32        | 0.37        |
| tblVehicleEF | MHD | 5.74        | 6.40        |
| tblVehicleEF | MHD | 141.15      | 139.27      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.52        | 0.55        |
| tblVehicleEF | MHD | 1.10        | 1.19        |
| tblVehicleEF | MHD | 10.60       | 10.45       |
| tblVehicleEF | MHD | 2.4600e-004 | 2.8600e-004 |
| tblVehicleEF | MHD | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD | 2.3500e-004 | 2.7300e-004 |
| tblVehicleEF | MHD | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD | 1.1040e-003 | 1.2050e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.03        | 0.03        |
| tblVehicleEF | MHD | 7.0500e-004 | 7.5100e-004 |
| tblVehicleEF | MHD | 0.04        | 0.04        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.35        | 0.39        |
| tblVehicleEF | MHD | 1.3590e-003 | 1.3410e-003 |
| tblVehicleEF | MHD | 0.01        | 0.01        |
| tblVehicleEF | MHD | 6.9900e-004 | 7.2600e-004 |
| tblVehicleEF | MHD | 1.1040e-003 | 1.2050e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.04        | 0.04        |
| tblVehicleEF | MHD | 7.0500e-004 | 7.5100e-004 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |

100 E. Ocean  
Annual (GHG) Emissions

|              |     |             |             |
|--------------|-----|-------------|-------------|
| tblVehicleEF | MHD | 0.38        | 0.43        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1930e-003 | 4.8890e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.26        | 0.27        |
| tblVehicleEF | MHD | 0.33        | 0.37        |
| tblVehicleEF | MHD | 5.45        | 6.08        |
| tblVehicleEF | MHD | 149.51      | 147.51      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.54        | 0.57        |
| tblVehicleEF | MHD | 1.04        | 1.12        |
| tblVehicleEF | MHD | 10.56       | 10.41       |
| tblVehicleEF | MHD | 2.0700e-004 | 2.4100e-004 |
| tblVehicleEF | MHD | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD | 1.9800e-004 | 2.3000e-004 |
| tblVehicleEF | MHD | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD | 1.6790e-003 | 1.8360e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 1.0380e-003 | 1.1140e-003 |
| tblVehicleEF | MHD | 0.04        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.34        | 0.38        |
| tblVehicleEF | MHD | 1.4370e-003 | 1.4190e-003 |
| tblVehicleEF | MHD | 0.01        | 0.01        |
| tblVehicleEF | MHD | 6.9400e-004 | 7.2000e-004 |
| tblVehicleEF | MHD | 1.6790e-003 | 1.8360e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.03        | 0.03        |
| tblVehicleEF | MHD | 1.0380e-003 | 1.1140e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 0.37        | 0.41        |
| tblVehicleEF | MHD | 0.02        | 0.02        |
| tblVehicleEF | MHD | 4.1220e-003 | 4.7980e-003 |
| tblVehicleEF | MHD | 0.05        | 0.05        |
| tblVehicleEF | MHD | 0.49        | 0.51        |
| tblVehicleEF | MHD | 0.32        | 0.36        |
| tblVehicleEF | MHD | 5.78        | 6.44        |
| tblVehicleEF | MHD | 129.61      | 127.88      |
| tblVehicleEF | MHD | 1,137.96    | 1,142.63    |
| tblVehicleEF | MHD | 59.88       | 61.37       |
| tblVehicleEF | MHD | 0.50        | 0.53        |
| tblVehicleEF | MHD | 1.08        | 1.17        |
| tblVehicleEF | MHD | 10.60       | 10.46       |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | MHD  | 2.9900e-004 | 3.4800e-004 |
| tblVehicleEF | MHD  | 5.0820e-003 | 5.6400e-003 |
| tblVehicleEF | MHD  | 7.9200e-004 | 8.3800e-004 |
| tblVehicleEF | MHD  | 2.8600e-004 | 3.3300e-004 |
| tblVehicleEF | MHD  | 4.8580e-003 | 5.3920e-003 |
| tblVehicleEF | MHD  | 7.2800e-004 | 7.7000e-004 |
| tblVehicleEF | MHD  | 1.1390e-003 | 1.2570e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.03        | 0.03        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.4900e-004 |
| tblVehicleEF | MHD  | 0.04        | 0.04        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 0.35        | 0.40        |
| tblVehicleEF | MHD  | 1.2500e-003 | 1.2340e-003 |
| tblVehicleEF | MHD  | 0.01        | 0.01        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.2700e-004 |
| tblVehicleEF | MHD  | 1.1390e-003 | 1.2570e-003 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.04        | 0.04        |
| tblVehicleEF | MHD  | 7.0000e-004 | 7.4900e-004 |
| tblVehicleEF | MHD  | 0.05        | 0.05        |
| tblVehicleEF | MHD  | 0.02        | 0.02        |
| tblVehicleEF | MHD  | 0.39        | 0.43        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.7030e-003 | 8.8560e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.28        | 0.28        |
| tblVehicleEF | OBUS | 0.53        | 0.60        |
| tblVehicleEF | OBUS | 5.48        | 5.82        |
| tblVehicleEF | OBUS | 101.46      | 101.41      |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.45        | 0.52        |
| tblVehicleEF | OBUS | 1.46        | 1.64        |
| tblVehicleEF | OBUS | 2.42        | 2.45        |
| tblVehicleEF | OBUS | 1.0100e-004 | 1.8100e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 9.7000e-005 | 1.7300e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 1.5080e-003 | 1.5420e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 7.8700e-004 | 7.9500e-004 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.34        | 0.36        |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8100e-004 | 7.9100e-004 |
| tblVehicleEF | OBUS | 1.5080e-003 | 1.5420e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.05        |
| tblVehicleEF | OBUS | 7.8700e-004 | 7.9500e-004 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.37        | 0.40        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8330e-003 | 9.0120e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.26        | 0.27        |
| tblVehicleEF | OBUS | 0.54        | 0.61        |
| tblVehicleEF | OBUS | 5.17        | 5.49        |
| tblVehicleEF | OBUS | 106.49      | 106.43      |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.47        | 0.54        |
| tblVehicleEF | OBUS | 1.38        | 1.54        |
| tblVehicleEF | OBUS | 2.38        | 2.41        |
| tblVehicleEF | OBUS | 8.5000e-005 | 1.5300e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 8.2000e-005 | 1.4600e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 2.2620e-003 | 2.3150e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 1.1670e-003 | 1.1850e-003 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.33        | 0.35        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.7600e-004 | 7.8600e-004 |
| tblVehicleEF | OBUS | 2.2620e-003 | 2.3150e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.05        |
| tblVehicleEF | OBUS | 1.1670e-003 | 1.1850e-003 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.36        | 0.38        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.6720e-003 | 8.8190e-003 |
| tblVehicleEF | OBUS | 0.03        | 0.03        |
| tblVehicleEF | OBUS | 0.30        | 0.30        |
| tblVehicleEF | OBUS | 0.53        | 0.60        |



100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | OBUS | 5.53        | 5.87        |
| tblVehicleEF | OBUS | 94.52       | 94.47       |
| tblVehicleEF | OBUS | 1,242.12    | 1,248.18    |
| tblVehicleEF | OBUS | 68.54       | 68.92       |
| tblVehicleEF | OBUS | 0.43        | 0.50        |
| tblVehicleEF | OBUS | 1.44        | 1.61        |
| tblVehicleEF | OBUS | 2.43        | 2.46        |
| tblVehicleEF | OBUS | 1.2300e-004 | 2.2000e-004 |
| tblVehicleEF | OBUS | 7.0660e-003 | 8.2920e-003 |
| tblVehicleEF | OBUS | 8.3000e-004 | 8.1000e-004 |
| tblVehicleEF | OBUS | 1.1800e-004 | 2.1100e-004 |
| tblVehicleEF | OBUS | 6.7440e-003 | 7.9180e-003 |
| tblVehicleEF | OBUS | 7.6300e-004 | 7.4500e-004 |
| tblVehicleEF | OBUS | 1.5460e-003 | 1.5930e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 7.7900e-004 | 7.9000e-004 |
| tblVehicleEF | OBUS | 0.06        | 0.06        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.34        | 0.37        |
| tblVehicleEF | OBUS | 0.01        | 0.01        |
| tblVehicleEF | OBUS | 7.8200e-004 | 7.9200e-004 |
| tblVehicleEF | OBUS | 1.5460e-003 | 1.5930e-003 |
| tblVehicleEF | OBUS | 0.02        | 0.02        |
| tblVehicleEF | OBUS | 0.05        | 0.06        |
| tblVehicleEF | OBUS | 7.7900e-004 | 7.9000e-004 |
| tblVehicleEF | OBUS | 0.07        | 0.08        |
| tblVehicleEF | OBUS | 0.04        | 0.04        |
| tblVehicleEF | OBUS | 0.38        | 0.40        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.07        | 0.07        |
| tblVehicleEF | SBUS | 7.95        | 7.86        |
| tblVehicleEF | SBUS | 0.75        | 0.81        |
| tblVehicleEF | SBUS | 7.37        | 7.59        |
| tblVehicleEF | SBUS | 1,131.72    | 1,145.91    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 9.36        | 10.04       |
| tblVehicleEF | SBUS | 4.28        | 4.66        |
| tblVehicleEF | SBUS | 12.35       | 12.61       |
| tblVehicleEF | SBUS | 9.4940e-003 | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 9.0830e-003 | 0.01        |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |
| tblVehicleEF | SBUS | 3.5580e-003 | 3.5840e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.95        | 0.95        |
| tblVehicleEF | SBUS | 1.8470e-003 | 1.8010e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.39        | 0.40        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.6700e-004 | 6.5800e-004 |
| tblVehicleEF | SBUS | 3.5580e-003 | 3.5840e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.37        | 1.36        |
| tblVehicleEF | SBUS | 1.8470e-003 | 1.8010e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.43        | 0.44        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.06        | 0.06        |
| tblVehicleEF | SBUS | 7.83        | 7.74        |
| tblVehicleEF | SBUS | 0.76        | 0.82        |
| tblVehicleEF | SBUS | 5.88        | 6.05        |
| tblVehicleEF | SBUS | 1,183.16    | 1,198.55    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 9.65        | 10.36       |
| tblVehicleEF | SBUS | 4.04        | 4.39        |
| tblVehicleEF | SBUS | 12.32       | 12.58       |
| tblVehicleEF | SBUS | 8.0030e-003 | 9.1400e-003 |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 7.6570e-003 | 8.7450e-003 |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |
| tblVehicleEF | SBUS | 5.4390e-003 | 5.4730e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.94        | 0.94        |
| tblVehicleEF | SBUS | 2.8200e-003 | 2.7640e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.34        | 0.35        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.4200e-004 | 6.3200e-004 |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | SBUS | 5.4390e-003 | 5.4730e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.36        | 1.36        |
| tblVehicleEF | SBUS | 2.8200e-003 | 2.7640e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.37        | 0.39        |
| tblVehicleEF | SBUS | 0.84        | 0.86        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.07        | 0.07        |
| tblVehicleEF | SBUS | 8.11        | 8.04        |
| tblVehicleEF | SBUS | 0.75        | 0.81        |
| tblVehicleEF | SBUS | 7.59        | 7.81        |
| tblVehicleEF | SBUS | 1,060.69    | 1,073.20    |
| tblVehicleEF | SBUS | 1,092.38    | 1,100.55    |
| tblVehicleEF | SBUS | 53.92       | 52.66       |
| tblVehicleEF | SBUS | 8.94        | 9.59        |
| tblVehicleEF | SBUS | 4.21        | 4.58        |
| tblVehicleEF | SBUS | 12.36       | 12.62       |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.02        | 0.03        |
| tblVehicleEF | SBUS | 7.5300e-004 | 7.2400e-004 |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 2.6870e-003 | 2.6950e-003 |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 6.9200e-004 | 6.6600e-004 |
| tblVehicleEF | SBUS | 3.5530e-003 | 3.6410e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 0.95        | 0.95        |
| tblVehicleEF | SBUS | 1.8150e-003 | 1.7750e-003 |
| tblVehicleEF | SBUS | 0.11        | 0.11        |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 0.40        | 0.41        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 0.01        | 0.01        |
| tblVehicleEF | SBUS | 6.7000e-004 | 6.6200e-004 |
| tblVehicleEF | SBUS | 3.5530e-003 | 3.6410e-003 |
| tblVehicleEF | SBUS | 0.03        | 0.03        |
| tblVehicleEF | SBUS | 1.37        | 1.37        |
| tblVehicleEF | SBUS | 1.8150e-003 | 1.7750e-003 |
| tblVehicleEF | SBUS | 0.13        | 0.14        |
| tblVehicleEF | SBUS | 0.02        | 0.02        |
| tblVehicleEF | SBUS | 0.44        | 0.45        |
| tblVehicleEF | UBUS | 2.39        | 2.55        |
| tblVehicleEF | UBUS | 0.06        | 0.06        |
| tblVehicleEF | UBUS | 10.55       | 11.13       |
| tblVehicleEF | UBUS | 10.24       | 10.45       |

100 E. Ocean  
Annual (GHG) Emissions

|              |      |             |             |
|--------------|------|-------------|-------------|
| tblVehicleEF | UBUS | 1,926.89    | 1,944.71    |
| tblVehicleEF | UBUS | 109.62      | 106.29      |
| tblVehicleEF | UBUS | 8.58        | 9.26        |
| tblVehicleEF | UBUS | 14.69       | 14.96       |
| tblVehicleEF | UBUS | 0.59        | 0.59        |
| tblVehicleEF | UBUS | 0.11        | 0.12        |
| tblVehicleEF | UBUS | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF | UBUS | 0.25        | 0.25        |
| tblVehicleEF | UBUS | 0.10        | 0.11        |
| tblVehicleEF | UBUS | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF | UBUS | 4.9850e-003 | 5.0680e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 0.76        | 0.81        |
| tblVehicleEF | UBUS | 0.03        | 0.03        |
| tblVehicleEF | UBUS | 0.79        | 0.79        |
| tblVehicleEF | UBUS | 9.6440e-003 | 9.7260e-003 |
| tblVehicleEF | UBUS | 1.2810e-003 | 1.2510e-003 |
| tblVehicleEF | UBUS | 4.9850e-003 | 5.0680e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 3.23        | 3.46        |
| tblVehicleEF | UBUS | 0.03        | 0.03        |
| tblVehicleEF | UBUS | 0.86        | 0.87        |
| tblVehicleEF | UBUS | 2.39        | 2.55        |
| tblVehicleEF | UBUS | 0.05        | 0.05        |
| tblVehicleEF | UBUS | 10.60       | 11.19       |
| tblVehicleEF | UBUS | 8.88        | 9.06        |
| tblVehicleEF | UBUS | 1,926.89    | 1,944.71    |
| tblVehicleEF | UBUS | 109.62      | 106.29      |
| tblVehicleEF | UBUS | 8.08        | 8.72        |
| tblVehicleEF | UBUS | 14.63       | 14.90       |
| tblVehicleEF | UBUS | 0.59        | 0.59        |
| tblVehicleEF | UBUS | 0.11        | 0.12        |
| tblVehicleEF | UBUS | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF | UBUS | 0.25        | 0.25        |
| tblVehicleEF | UBUS | 0.10        | 0.11        |
| tblVehicleEF | UBUS | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF | UBUS | 7.3050e-003 | 7.4290e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 4.1800e-003 | 4.1940e-003 |
| tblVehicleEF | UBUS | 0.77        | 0.82        |
| tblVehicleEF | UBUS | 0.02        | 0.02        |
| tblVehicleEF | UBUS | 0.72        | 0.73        |
| tblVehicleEF | UBUS | 9.6450e-003 | 9.7270e-003 |
| tblVehicleEF | UBUS | 1.2580e-003 | 1.2270e-003 |
| tblVehicleEF | UBUS | 7.3050e-003 | 7.4290e-003 |
| tblVehicleEF | UBUS | 0.08        | 0.08        |
| tblVehicleEF | UBUS | 4.1800e-003 | 4.1940e-003 |
| tblVehicleEF | UBUS | 3.25        | 3.47        |

100 E. Ocean  
Annual (GHG) Emissions

|                 |       |             |             |
|-----------------|-------|-------------|-------------|
| tblVehicleEF    | UBUS  | 0.02        | 0.02        |
| tblVehicleEF    | UBUS  | 0.79        | 0.80        |
| tblVehicleEF    | UBUS  | 2.39        | 2.55        |
| tblVehicleEF    | UBUS  | 0.06        | 0.06        |
| tblVehicleEF    | UBUS  | 10.54       | 11.12       |
| tblVehicleEF    | UBUS  | 10.42       | 10.63       |
| tblVehicleEF    | UBUS  | 1,926.89    | 1,944.71    |
| tblVehicleEF    | UBUS  | 109.62      | 106.29      |
| tblVehicleEF    | UBUS  | 8.42        | 9.08        |
| tblVehicleEF    | UBUS  | 14.70       | 14.97       |
| tblVehicleEF    | UBUS  | 0.59        | 0.59        |
| tblVehicleEF    | UBUS  | 0.11        | 0.12        |
| tblVehicleEF    | UBUS  | 1.1690e-003 | 1.1200e-003 |
| tblVehicleEF    | UBUS  | 0.25        | 0.25        |
| tblVehicleEF    | UBUS  | 0.10        | 0.11        |
| tblVehicleEF    | UBUS  | 1.0750e-003 | 1.0290e-003 |
| tblVehicleEF    | UBUS  | 5.5920e-003 | 5.7210e-003 |
| tblVehicleEF    | UBUS  | 0.10        | 0.10        |
| tblVehicleEF    | UBUS  | 2.9890e-003 | 3.0070e-003 |
| tblVehicleEF    | UBUS  | 0.76        | 0.81        |
| tblVehicleEF    | UBUS  | 0.03        | 0.03        |
| tblVehicleEF    | UBUS  | 0.80        | 0.80        |
| tblVehicleEF    | UBUS  | 9.6440e-003 | 9.7250e-003 |
| tblVehicleEF    | UBUS  | 1.2840e-003 | 1.2540e-003 |
| tblVehicleEF    | UBUS  | 5.5920e-003 | 5.7210e-003 |
| tblVehicleEF    | UBUS  | 0.10        | 0.10        |
| tblVehicleEF    | UBUS  | 2.9890e-003 | 3.0070e-003 |
| tblVehicleEF    | UBUS  | 3.23        | 3.46        |
| tblVehicleEF    | UBUS  | 0.03        | 0.03        |
| tblVehicleEF    | UBUS  | 0.87        | 0.88        |
| tblVehicleTrips | ST_TR | 8.19        | 8.38        |
| tblVehicleTrips | ST_TR | 94.36       | 117.70      |
| tblVehicleTrips | ST_TR | 21.35       | 0.00        |
| tblVehicleTrips | SU_TR | 5.95        | 6.09        |
| tblVehicleTrips | SU_TR | 72.16       | 90.01       |
| tblVehicleTrips | SU_TR | 17.40       | 0.00        |
| tblVehicleTrips | WD_TR | 8.17        | 8.36        |
| tblVehicleTrips | WD_TR | 89.95       | 112.20      |
| tblVehicleTrips | WD_TR | 14.03       | 0.00        |

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

|  | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

100 E. Ocean  
Annual (GHG) Emissions

| Year           | tons/yr       |               |               |                    |               |               |               |               |               |               | MT/yr         |                 |                 |               |               |                 |
|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
|                | 2020          | 0.3421        | 3.1139        | 2.7299             | 9.8700e-003   | 0.4225        | 0.0874        | 0.5099        | 0.1103        | 0.0832        | 0.1935        | 0.0000          | 916.6346        | 916.6346      | 0.0820        | 0.0000          |
| 2021           | 0.3467        | 1.6130        | 3.0125        | 7.0500e-003        | 0.4582        | 0.0723        | 0.5305        | 0.1220        | 0.0686        | 0.1906        | 0.0000        | 624.4873        | 624.4873        | 0.0601        | 0.0000        | 625.9887        |
| 2022           | 2.4966        | 0.8070        | 1.6864        | 4.0800e-003        | 0.2830        | 0.0364        | 0.3193        | 0.0753        | 0.0350        | 0.1103        | 0.0000        | 361.9474        | 361.9474        | 0.0282        | 0.0000        | 362.6534        |
| <b>Maximum</b> | <b>2.4966</b> | <b>3.1139</b> | <b>3.0125</b> | <b>9.8700e-003</b> | <b>0.4582</b> | <b>0.0874</b> | <b>0.5305</b> | <b>0.1220</b> | <b>0.0832</b> | <b>0.1935</b> | <b>0.0000</b> | <b>916.6346</b> | <b>916.6346</b> | <b>0.0820</b> | <b>0.0000</b> | <b>918.6837</b> |

**Mitigated Construction**

| Year           | ROG           | NOx           | CO            | SO2                | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|----------------|---------------|---------------|---------------|--------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
|                | tons/yr       |               |               |                    |               |               |               |                |               |               | MT/yr         |                 |                 |               |               |                 |
| 2020           | 0.2976        | 2.5777        | 2.7906        | 9.8700e-003        | 0.4058        | 0.0596        | 0.4654        | 0.1078         | 0.0577        | 0.1655        | 0.0000        | 916.6343        | 916.6343        | 0.0820        | 0.0000        | 918.6835        |
| 2021           | 0.3272        | 1.3871        | 3.0232        | 7.0500e-003        | 0.4582        | 0.0583        | 0.5166        | 0.1220         | 0.0558        | 0.1778        | 0.0000        | 624.4871        | 624.4871        | 0.0601        | 0.0000        | 625.9885        |
| 2022           | 2.4943        | 0.7798        | 1.6863        | 4.0800e-003        | 0.2830        | 0.0348        | 0.3178        | 0.0753         | 0.0336        | 0.1089        | 0.0000        | 361.9472        | 361.9472        | 0.0282        | 0.0000        | 362.6533        |
| <b>Maximum</b> | <b>2.4943</b> | <b>2.5777</b> | <b>3.0232</b> | <b>9.8700e-003</b> | <b>0.4582</b> | <b>0.0596</b> | <b>0.5166</b> | <b>0.1220</b>  | <b>0.0577</b> | <b>0.1778</b> | <b>0.0000</b> | <b>916.6343</b> | <b>916.6343</b> | <b>0.0820</b> | <b>0.0000</b> | <b>918.6835</b> |

| Percent Reduction | ROG  | NOx   | CO    | SO2  | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4  | N2O  | CO2e |
|-------------------|------|-------|-------|------|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|------|------|------|
|                   | 2.08 | 14.26 | -0.99 | 0.00 | 1.44          | 22.09        | 4.42       | 0.82           | 21.23         | 8.53        | 0.00     | 0.00      | 0.00      | 0.00 | 0.00 | 0.00 |

| Quarter | Start Date | End Date       | Maximum Unmitigated ROG + NOX (tons/quarter) | Maximum Mitigated ROG + NOX (tons/quarter) |
|---------|------------|----------------|----------------------------------------------|--------------------------------------------|
| 7       | 12-8-2019  | 3-7-2020       | 1.2264                                       | 0.9744                                     |
| 8       | 3-8-2020   | 6-7-2020       | 1.1685                                       | 0.9968                                     |
| 9       | 6-8-2020   | 9-7-2020       | 0.4562                                       | 0.3868                                     |
| 10      | 9-8-2020   | 12-7-2020      | 0.4558                                       | 0.3872                                     |
| 11      | 12-8-2020  | 3-7-2021       | 0.4262                                       | 0.3638                                     |
| 12      | 3-8-2021   | 6-7-2021       | 0.4218                                       | 0.3600                                     |
| 13      | 6-8-2021   | 9-7-2021       | 0.4203                                       | 0.3585                                     |
| 14      | 9-8-2021   | 12-7-2021      | 0.6255                                       | 0.5644                                     |
| 15      | 12-8-2021  | 3-7-2022       | 0.8135                                       | 0.7669                                     |
| 16      | 3-8-2022   | 6-7-2022       | 1.7655                                       | 1.7655                                     |
| 17      | 6-8-2022   | 9-7-2022       | 0.8891                                       | 0.8891                                     |
|         |            | <b>Highest</b> | 1.7655                                       | 1.7655                                     |

**2.2 Overall Operational**

**Unmitigated Operational**

| Category | ROG     | NOx         | CO          | SO2         | Fugitive PM10 | Exhaust PM10 | PM10 Total  | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4         | N2O    | CO2e       |
|----------|---------|-------------|-------------|-------------|---------------|--------------|-------------|----------------|---------------|-------------|----------|------------|------------|-------------|--------|------------|
|          | tons/yr |             |             |             |               |              |             |                |               |             | MT/yr    |            |            |             |        |            |
| Area     | 2.0281  | 7.0000e-005 | 8.0600e-003 | 0.0000      |               | 3.0000e-005  | 3.0000e-005 |                | 3.0000e-005   | 3.0000e-005 | 0.0000   | 0.0156     | 0.0156     | 4.0000e-005 | 0.0000 | 0.0167     |
| Energy   | 0.0896  | 0.8142      | 0.6839      | 4.8900e-003 |               | 0.0619       | 0.0619      |                | 0.0619        | 0.0619      | 0.0000   | 2,085.0540 | 2,085.0540 | 0.0803      | 0.0294 | 2,095.8081 |

100 E. Ocean  
Annual (GHG) Emissions

|              |               |               |                |               |               |               |               |               |               |               |                |                   |                   |               |               |                   |
|--------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-------------------|-------------------|---------------|---------------|-------------------|
| Mobile       | 1.5395        | 7.6408        | 17.1127        | 0.0568        | 4.5212        | 0.0475        | 4.5687        | 1.2114        | 0.0443        | 1.2558        | 0.0000         | 5,248.2088        | 5,248.2088        | 0.2803        | 0.0000        | 5,255.2172        |
| Stationary   | 2.9500e-003   | 8.2600e-003   | 7.5300e-003    | 1.0000e-005   |               | 4.3000e-004   | 4.3000e-004   |               | 4.3000e-004   | 4.3000e-004   | 0.0000         | 1.3709            | 1.3709            | 1.9000e-004   | 0.0000        | 1.3757            |
| Waste        |               |               |                |               |               | 0.0000        | 0.0000        |               | 0.0000        | 0.0000        | 83.1004        | 0.0000            | 83.1004           | 4.9111        | 0.0000        | 205.8778          |
| Water        |               |               |                |               |               | 0.0000        | 0.0000        |               | 0.0000        | 0.0000        | 6.2202         | 70.8724           | 77.0926           | 0.6426        | 0.0159        | 97.8843           |
| <b>Total</b> | <b>3.6602</b> | <b>8.4633</b> | <b>17.8122</b> | <b>0.0617</b> | <b>4.5212</b> | <b>0.1098</b> | <b>4.6310</b> | <b>1.2114</b> | <b>0.1067</b> | <b>1.3181</b> | <b>89.3207</b> | <b>7,405.5216</b> | <b>7,494.8423</b> | <b>5.9146</b> | <b>0.0452</b> | <b>7,656.1797</b> |

**Mitigated Operational**

| Category     | ROG           | NOx           | CO            | SO2           | Fugitive PM10 | Exhaust PM10  | PM10 Total    | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total   | Bio- CO2       | NBio- CO2         | Total CO2         | CH4           | N2O           | CO2e              |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|-------------------|-------------------|---------------|---------------|-------------------|
|              | tons/yr       |               |               |               |               |               |               |                |               |               | MT/yr          |                   |                   |               |               |                   |
| Area         | 2.0281        | 7.0000e-005   | 8.0600e-003   | 0.0000        |               | 3.0000e-005   | 3.0000e-005   |                | 3.0000e-005   | 3.0000e-005   | 0.0000         | 0.0156            | 0.0156            | 4.0000e-005   | 0.0000        | 0.0167            |
| Energy       | 0.0896        | 0.8142        | 0.6839        | 4.8900e-003   |               | 0.0619        | 0.0619        |                | 0.0619        | 0.0619        | 0.0000         | 2,004.4949        | 2,004.4949        | 0.0761        | 0.0285        | 2,014.8803        |
| Mobile       | 1.2114        | 5.2187        | 8.7751        | 0.0222        | 1.5033        | 0.0203        | 1.5236        | 0.4028         | 0.0189        | 0.4217        | 0.0000         | 2,056.3887        | 2,056.3887        | 0.1447        | 0.0000        | 2,060.0071        |
| Stationary   | 2.9500e-003   | 8.2600e-003   | 7.5300e-003   | 1.0000e-005   |               | 4.3000e-004   | 4.3000e-004   |                | 4.3000e-004   | 4.3000e-004   | 0.0000         | 1.3709            | 1.3709            | 1.9000e-004   | 0.0000        | 1.3757            |
| Waste        |               |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 25.7611        | 0.0000            | 25.7611           | 1.5224        | 0.0000        | 63.8221           |
| Water        |               |               |               |               |               | 0.0000        | 0.0000        |                | 0.0000        | 0.0000        | 4.9762         | 58.1575           | 63.1337           | 0.5142        | 0.0127        | 79.7737           |
| <b>Total</b> | <b>3.3320</b> | <b>6.0412</b> | <b>9.4746</b> | <b>0.0271</b> | <b>1.5033</b> | <b>0.0826</b> | <b>1.5859</b> | <b>0.4028</b>  | <b>0.0812</b> | <b>0.4840</b> | <b>30.7373</b> | <b>4,120.4277</b> | <b>4,151.1650</b> | <b>2.2576</b> | <b>0.0412</b> | <b>4,219.8755</b> |

|                          | ROG         | NOx          | CO           | SO2          | Fugitive PM10 | Exhaust PM10 | PM10 Total   | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total  | Bio- CO2     | NBio- CO2    | Total CO2    | CH4          | N2O         | CO2e         |
|--------------------------|-------------|--------------|--------------|--------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|
| <b>Percent Reduction</b> | <b>8.96</b> | <b>28.62</b> | <b>46.81</b> | <b>56.10</b> | <b>66.75</b>  | <b>24.78</b> | <b>65.75</b> | <b>66.75</b>   | <b>23.84</b>  | <b>63.28</b> | <b>65.59</b> | <b>44.36</b> | <b>44.61</b> | <b>61.83</b> | <b>8.94</b> | <b>44.88</b> |

**3.0 Construction Detail**

**Construction Phase**

| Phase Number | Phase Name                        | Phase Type            | Start Date | End Date  | Num Days Week | Num Days | Phase Description |
|--------------|-----------------------------------|-----------------------|------------|-----------|---------------|----------|-------------------|
| 1            | Demolition                        | Demolition            | 1/22/2020  | 2/25/2020 | 5             | 25       |                   |
| 2            | Grading                           | Grading               | 2/26/2020  | 3/24/2020 | 5             | 20       |                   |
| 3            | Mat Foundation                    | Building Construction | 3/26/2020  | 3/30/2020 | 5             | 3        |                   |
| 4            | Parking and Podium                | Building Construction | 3/31/2020  | 5/31/2020 | 5             | 44       |                   |
| 5            | Building Construction (Shell)     | Building Construction | 6/1/2020   | 2/21/2022 | 5             | 451      |                   |
| 6            | Building Construction (Finishing) | Building Construction | 10/1/2021  | 7/22/2022 | 5             | 211      |                   |
| 7            | Architectural Coating             | Architectural Coating | 2/22/2022  | 7/22/2022 | 5             | 109      |                   |
| 8            | Paving                            | Paving                | 4/22/2022  | 7/22/2022 | 5             | 66       |                   |

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.85

Acres of Paving: 0.85

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 744,723; Non-Residential Outdoor: 248,241; Striped Parking Area:

**OffRoad Equipment**

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| Phase Name                        | Offroad Equipment Type    | Amount | Usage Hours | Horse Power | Load Factor |
|-----------------------------------|---------------------------|--------|-------------|-------------|-------------|
| Demolition                        | Concrete/Industrial Saws  | 1      | 8.00        | 81          | 0.73        |
| Demolition                        | Crushing/Proc. Equipment  | 1      | 8.00        | 85          | 0.78        |
| Demolition                        | Excavators                | 0      | 8.00        | 158         | 0.38        |
| Demolition                        | Rubber Tired Dozers       | 1      | 8.00        | 247         | 0.40        |
| Demolition                        | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Grading                           | Bore/Drill Rigs           | 1      | 8.00        | 221         | 0.56        |
| Grading                           | Cranes                    | 1      | 8.00        | 231         | 0.29        |
| Grading                           | Excavators                | 1      | 8.00        | 158         | 0.38        |
| Grading                           | Graders                   | 0      | 8.00        | 187         | 0.41        |
| Grading                           | Rubber Tired Dozers       | 0      | 8.00        | 247         | 0.40        |
| Grading                           | Rubber Tired Loaders      | 2      | 8.00        | 203         | 0.36        |
| Grading                           | Tractors/Loaders/Backhoes | 0      | 8.00        | 97          | 0.37        |
| Grading                           | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Mat Foundation                    | Cement and Mortar Mixers  | 4      | 8.00        | 9           | 0.56        |
| Mat Foundation                    | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Mat Foundation                    | Forklifts                 | 0      | 8.00        | 89          | 0.20        |
| Mat Foundation                    | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Mat Foundation                    | Pumps                     | 4      | 8.00        | 84          | 0.74        |
| Mat Foundation                    | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |
| Mat Foundation                    | Welders                   | 0      | 8.00        | 46          | 0.45        |
| Mat Foundation                    | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Parking and Podium                | Aerial Lifts              | 1      | 8.00        | 63          | 0.31        |
| Parking and Podium                | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Parking and Podium                | Forklifts                 | 0      | 8.00        | 89          | 0.20        |
| Parking and Podium                | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Parking and Podium                | Pumps                     | 2      | 8.00        | 84          | 0.74        |
| Parking and Podium                | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Parking and Podium                | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Building Construction (Shell)     | Aerial Lifts              | 2      | 8.00        | 63          | 0.31        |
| Building Construction (Shell)     | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Building Construction (Shell)     | Forklifts                 | 2      | 8.00        | 89          | 0.20        |
| Building Construction (Shell)     | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Building Construction (Shell)     | Tractors/Loaders/Backhoes | 1      | 8.00        | 97          | 0.37        |
| Building Construction (Shell)     | Welders                   | 2      | 8.00        | 46          | 0.45        |
| Building Construction (Finishing) | Aerial Lifts              | 1      | 8.00        | 63          | 0.31        |
| Building Construction (Finishing) | Air Compressors           | 1      | 8.00        | 78          | 0.48        |
| Building Construction (Finishing) | Cranes                    | 0      | 7.00        | 231         | 0.29        |
| Building Construction (Finishing) | Forklifts                 | 1      | 8.00        | 89          | 0.20        |
| Building Construction (Finishing) | Generator Sets            | 0      | 8.00        | 84          | 0.74        |
| Building Construction (Finishing) | Tractors/Loaders/Backhoes | 0      | 7.00        | 97          | 0.37        |
| Building Construction (Finishing) | Welders                   | 1      | 8.00        | 46          | 0.45        |
| Architectural Coating             | Air Compressors           | 1      | 6.00        | 78          | 0.48        |
|                                   |                           |        |             |             | 0.56        |
|                                   |                           |        |             |             | 0.42        |
|                                   |                           |        |             |             | 0.36        |
|                                   |                           |        |             |             | 0.38        |
|                                   |                           |        |             |             | 0.37        |



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**Trips and VMT**

| Phase Name                        | Offroad Equipment Count | Worker Trip Number | Vendor Trip Number | Hauling Trip Number | Worker Trip Length | Vendor Trip Length | Hauling Trip Length | Worker Vehicle Class | Vendor Vehicle Class | Hauling Vehicle Class |
|-----------------------------------|-------------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|----------------------|----------------------|-----------------------|
| Demolition                        | 4                       | 10.00              | 0.00               | 1,250.00            | 14.70              | 6.90               | 75.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Grading                           | 6                       | 13.00              | 0.00               | 2,000.00            | 14.70              | 6.90               | 75.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Mat Foundation                    | 9                       | 248.00             | 0.00               | 0.00                | 14.70              | 0.00               | 20.00               | LD_Mix               | HHDT                 | HHDT                  |
| Parking and Podium                | 5                       | 248.00             | 50.00              | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction (Shell)     | 7                       | 248.00             | 15.00              | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Building Construction (Finishing) | 4                       | 248.00             | 5.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Architectural Coating             | 1                       | 50.00              | 0.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |
| Paving                            | 2                       | 5.00               | 5.00               | 0.00                | 14.70              | 6.90               | 20.00               | LD_Mix               | HDT_Mix              | HHDT                  |

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment  
Water Exposed Area

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

|               | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Fugitive Dust |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      |         |     |    |     |               |              |            |                |               |             |          | 27.0489        | 27.0489        | 5.1200e-003        | 0.0000        | 27.1769        |
| <b>Total</b>  |         |     |    |     |               |              |            |                |               |             |          | <b>27.0489</b> | <b>27.0489</b> | <b>5.1200e-003</b> | <b>0.0000</b> | <b>27.1769</b> |

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 161.2178        | 161.2178        | 9.9700e-003   | 0.0000        | 161.4670        |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 1.2358          | 1.2358          | 4.0000e-005   | 0.0000        | 1.2367          |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>162.4536</b> | <b>162.4536</b> | <b>0.0100</b> | <b>0.0000</b> | <b>162.7036</b> |

**Mitigated Construction On-Site**

|  | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
|--|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|

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| Category      | tons/yr |  |  |  |  |  |  |  |  |  | MT/yr |                |                |                    |               |                |
|---------------|---------|--|--|--|--|--|--|--|--|--|-------|----------------|----------------|--------------------|---------------|----------------|
| Fugitive Dust |         |  |  |  |  |  |  |  |  |  |       | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      |         |  |  |  |  |  |  |  |  |  |       | 27.0489        | 27.0489        | 5.1200e-003        | 0.0000        | 27.1769        |
| <b>Total</b>  |         |  |  |  |  |  |  |  |  |  |       | <b>27.0489</b> | <b>27.0489</b> | <b>5.1200e-003</b> | <b>0.0000</b> | <b>27.1769</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2        | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 161.2178        | 161.2178        | 9.9700e-003   | 0.0000        | 161.4670        |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 1.2358          | 1.2358          | 4.0000e-005   | 0.0000        | 1.2367          |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>162.4536</b> | <b>162.4536</b> | <b>0.0100</b> | <b>0.0000</b> | <b>162.7036</b> |

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

|               | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Fugitive Dust |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      |         |     |    |     |               |              |            |                |               |             |          | 30.7219        | 30.7219        | 9.6100e-003        | 0.0000        | 30.9621        |
| <b>Total</b>  |         |     |    |     |               |              |            |                |               |             |          | <b>30.7219</b> | <b>30.7219</b> | <b>9.6100e-003</b> | <b>0.0000</b> | <b>30.9621</b> |

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2        | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 257.9485        | 257.9485        | 0.0159        | 0.0000        | 258.3471        |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 1.2852          | 1.2852          | 4.0000e-005   | 0.0000        | 1.2861          |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>259.2337</b> | <b>259.2337</b> | <b>0.0160</b> | <b>0.0000</b> | <b>259.6333</b> |

**Mitigated Construction On-Site**

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|               | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|---------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category      | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Fugitive Dust |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road      |         |     |    |     |               |              |            |                |               |             |          | 30.7219        | 30.7219        | 9.6100e-003        | 0.0000        | 30.9620        |
| <b>Total</b>  |         |     |    |     |               |              |            |                |               |             |          | <b>30.7219</b> | <b>30.7219</b> | <b>9.6100e-003</b> | <b>0.0000</b> | <b>30.9620</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 257.9485        | 257.9485        | 0.0159        | 0.0000        | 258.3471        |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 1.2852          | 1.2852          | 4.0000e-005   | 0.0000        | 1.2861          |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>259.2337</b> | <b>259.2337</b> | <b>0.0160</b> | <b>0.0000</b> | <b>259.6333</b> |

**3.4 Mat Foundation - 2020**

**Unmitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |               |               |                    |               |               |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 3.9485        | 3.9485        | 2.7000e-004        | 0.0000        | 3.9554        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>3.9485</b> | <b>3.9485</b> | <b>2.7000e-004</b> | <b>0.0000</b> | <b>3.9554</b> |

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |               |               |                    |               |               |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 3.6777        | 3.6777        | 1.1000e-004        | 0.0000        | 3.6804        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>3.6777</b> | <b>3.6777</b> | <b>1.1000e-004</b> | <b>0.0000</b> | <b>3.6804</b> |

100 E. Ocean  
Annual (GHG) Emissions

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2      | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |               |               |                    |               |               |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 3.9485        | 3.9485        | 2.7000e-004        | 0.0000        | 3.9554        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>3.9485</b> | <b>3.9485</b> | <b>2.7000e-004</b> | <b>0.0000</b> | <b>3.9554</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2      | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |               |               |                    |               |               |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 3.6777        | 3.6777        | 1.1000e-004        | 0.0000        | 3.6804        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>3.6777</b> | <b>3.6777</b> | <b>1.1000e-004</b> | <b>0.0000</b> | <b>3.6804</b> |

**3.5 Parking and Podium - 2020**

**Unmitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 38.2583        | 38.2583        | 5.0900e-003        | 0.0000        | 38.3856        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>38.2583</b> | <b>38.2583</b> | <b>5.0900e-003</b> | <b>0.0000</b> | <b>38.3856</b> |

**Unmitigated Construction Off-Site**

|          | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4         | N2O    | CO2e    |
|----------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------------|--------|---------|
| Category | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |          |           |             |        |         |
| Hauling  |         |     |    |     |               |              |            |                |               |             |          | 0.0000   | 0.0000    | 0.0000      | 0.0000 | 0.0000  |
| Vendor   |         |     |    |     |               |              |            |                |               |             |          | 26.9112  | 26.9112   | 1.8000e-003 | 0.0000 | 26.9561 |

100 E. Ocean  
Annual (GHG) Emissions

|              |  |  |  |  |  |  |  |  |  |  |  |                |                |                    |               |                |
|--------------|--|--|--|--|--|--|--|--|--|--|--|----------------|----------------|--------------------|---------------|----------------|
| Worker       |  |  |  |  |  |  |  |  |  |  |  | 53.9396        | 53.9396        | 1.5500e-003        | 0.0000        | 53.9785        |
| <b>Total</b> |  |  |  |  |  |  |  |  |  |  |  | <b>80.8508</b> | <b>80.8508</b> | <b>3.3500e-003</b> | <b>0.0000</b> | <b>80.9346</b> |

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 38.2583        | 38.2583        | 5.0900e-003        | 0.0000        | 38.3856        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>38.2583</b> | <b>38.2583</b> | <b>5.0900e-003</b> | <b>0.0000</b> | <b>38.3856</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 26.9112        | 26.9112        | 1.8000e-003        | 0.0000        | 26.9561        |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 53.9396        | 53.9396        | 1.5500e-003        | 0.0000        | 53.9785        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>80.8508</b> | <b>80.8508</b> | <b>3.3500e-003</b> | <b>0.0000</b> | <b>80.9346</b> |

**3.6 Building Construction (Shell) - 2020**

**Unmitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|---------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |               |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 93.3955        | 93.3955        | 0.0251        | 0.0000        | 94.0234        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>93.3955</b> | <b>93.3955</b> | <b>0.0251</b> | <b>0.0000</b> | <b>94.0234</b> |

**Unmitigated Construction Off-Site**

|          | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-----|-----|------|
| Category | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |           |           |     |     |      |

100 E. Ocean  
Annual (GHG) Emissions

|              |  |  |  |  |  |  |  |  |  |  |  |  |                 |                 |                    |               |                 |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|-----------------|--------------------|---------------|-----------------|
| Hauling      |  |  |  |  |  |  |  |  |  |  |  |  | 0.0000          | 0.0000          | 0.0000             | 0.0000        | 0.0000          |
| Vendor       |  |  |  |  |  |  |  |  |  |  |  |  | 28.2568         | 28.2568         | 1.8900e-003        | 0.0000        | 28.3039         |
| Worker       |  |  |  |  |  |  |  |  |  |  |  |  | 188.7887        | 188.7887        | 5.4400e-003        | 0.0000        | 188.9246        |
| <b>Total</b> |  |  |  |  |  |  |  |  |  |  |  |  | <b>217.0455</b> | <b>217.0455</b> | <b>7.3300e-003</b> | <b>0.0000</b> | <b>217.2285</b> |

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4           | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|---------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |               |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 93.3954        | 93.3954        | 0.0251        | 0.0000        | 94.0233        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>93.3954</b> | <b>93.3954</b> | <b>0.0251</b> | <b>0.0000</b> | <b>94.0233</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4                | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |                    |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000             | 0.0000        | 0.0000          |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 28.2568         | 28.2568         | 1.8900e-003        | 0.0000        | 28.3039         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 188.7887        | 188.7887        | 5.4400e-003        | 0.0000        | 188.9246        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>217.0455</b> | <b>217.0455</b> | <b>7.3300e-003</b> | <b>0.0000</b> | <b>217.2285</b> |

**3.6 Building Construction (Shell) - 2021**

**Unmitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 158.3028        | 158.3028        | 0.0417        | 0.0000        | 159.3455        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>158.3028</b> | <b>158.3028</b> | <b>0.0417</b> | <b>0.0000</b> | <b>159.3455</b> |

**Unmitigated Construction Off-Site**

100 E. Ocean  
Annual (GHG) Emissions

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 47.5294         | 47.5294         | 3.0600e-003   | 0.0000        | 47.6060         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 309.6109        | 309.6109        | 8.3300e-003   | 0.0000        | 309.8192        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>357.1403</b> | <b>357.1403</b> | <b>0.0114</b> | <b>0.0000</b> | <b>357.4252</b> |

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 158.3026        | 158.3026        | 0.0417        | 0.0000        | 159.3453        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>158.3026</b> | <b>158.3026</b> | <b>0.0417</b> | <b>0.0000</b> | <b>159.3453</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|---------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |               |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 47.5294         | 47.5294         | 3.0600e-003   | 0.0000        | 47.6060         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 309.6109        | 309.6109        | 8.3300e-003   | 0.0000        | 309.8192        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>357.1403</b> | <b>357.1403</b> | <b>0.0114</b> | <b>0.0000</b> | <b>357.4252</b> |

**3.6 Building Construction (Shell) - 2022**

**Unmitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2      | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 21.8404        | 21.8404        | 5.6800e-003        | 0.0000        | 21.9825        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>21.8404</b> | <b>21.8404</b> | <b>5.6800e-003</b> | <b>0.0000</b> | <b>21.9825</b> |

100 E. Ocean  
Annual (GHG) Emissions

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 6.4979         | 6.4979         | 4.1000e-004        | 0.0000        | 6.5081         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 41.1753        | 41.1753        | 1.0400e-003        | 0.0000        | 41.2013        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>47.6732</b> | <b>47.6732</b> | <b>1.4500e-003</b> | <b>0.0000</b> | <b>47.7094</b> |

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 21.8404        | 21.8404        | 5.6800e-003        | 0.0000        | 21.9825        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>21.8404</b> | <b>21.8404</b> | <b>5.6800e-003</b> | <b>0.0000</b> | <b>21.9825</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 6.4979         | 6.4979         | 4.1000e-004        | 0.0000        | 6.5081         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 41.1753        | 41.1753        | 1.0400e-003        | 0.0000        | 41.2013        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>47.6732</b> | <b>47.6732</b> | <b>1.4500e-003</b> | <b>0.0000</b> | <b>47.7094</b> |

**3.7 Building Construction (Finishing) - 2021**

**Unmitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 26.7456        | 26.7456        | 4.5900e-003        | 0.0000        | 26.8603        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>26.7456</b> | <b>26.7456</b> | <b>4.5900e-003</b> | <b>0.0000</b> | <b>26.8603</b> |



100 E. Ocean  
Annual (GHG) Emissions

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 4.0063         | 4.0063         | 2.6000e-004        | 0.0000        | 4.0128         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 78.2924        | 78.2924        | 2.1100e-003        | 0.0000        | 78.3451        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>82.2987</b> | <b>82.2987</b> | <b>2.3700e-003</b> | <b>0.0000</b> | <b>82.3578</b> |

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 26.7455        | 26.7455        | 4.5900e-003        | 0.0000        | 26.8602        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>26.7455</b> | <b>26.7455</b> | <b>4.5900e-003</b> | <b>0.0000</b> | <b>26.8602</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 4.0063         | 4.0063         | 2.6000e-004        | 0.0000        | 4.0128         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 78.2924        | 78.2924        | 2.1100e-003        | 0.0000        | 78.3451        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>82.2987</b> | <b>82.2987</b> | <b>2.3700e-003</b> | <b>0.0000</b> | <b>82.3578</b> |

**3.7 Building Construction (Finishing) - 2022**

**Unmitigated Construction On-Site**

|          | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4 | N2O | CO2e |
|----------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-----|-----|------|
| Category | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |          |           |     |     |      |

100 E. Ocean  
Annual (GHG) Emissions

|              |  |  |  |  |  |  |  |  |  |  |  |  |                |                |                    |               |                |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|----------------|----------------|--------------------|---------------|----------------|
| Off-Road     |  |  |  |  |  |  |  |  |  |  |  |  | 58.7592        | 58.7592        | 9.8500e-003        | 0.0000        | 59.0054        |
| <b>Total</b> |  |  |  |  |  |  |  |  |  |  |  |  | <b>58.7592</b> | <b>58.7592</b> | <b>9.8500e-003</b> | <b>0.0000</b> | <b>59.0054</b> |

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2        | Total CO2       | CH4                | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |                    |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000             | 0.0000        | 0.0000          |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 8.7240          | 8.7240          | 5.5000e-004        | 0.0000        | 8.7377          |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 165.8451        | 165.8451        | 4.1800e-003        | 0.0000        | 165.9497        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>174.5691</b> | <b>174.5691</b> | <b>4.7300e-003</b> | <b>0.0000</b> | <b>174.6874</b> |

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 58.7592        | 58.7592        | 9.8500e-003        | 0.0000        | 59.0054        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>58.7592</b> | <b>58.7592</b> | <b>9.8500e-003</b> | <b>0.0000</b> | <b>59.0054</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2        | Total CO2       | CH4                | N2O           | CO2e            |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------------|-----------------|--------------------|---------------|-----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                 |                 |                    |               |                 |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000          | 0.0000          | 0.0000             | 0.0000        | 0.0000          |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 8.7240          | 8.7240          | 5.5000e-004        | 0.0000        | 8.7377          |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 165.8451        | 165.8451        | 4.1800e-003        | 0.0000        | 165.9497        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>174.5691</b> | <b>174.5691</b> | <b>4.7300e-003</b> | <b>0.0000</b> | <b>174.6874</b> |

**3.8 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

100 E. Ocean  
Annual (GHG) Emissions

|                 | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|-----------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category        | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Archit. Coating |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road        |         |     |    |     |               |              |            |                |               |             |          | 13.9152        | 13.9152        | 9.1000e-004        | 0.0000        | 13.9379        |
| <b>Total</b>    |         |     |    |     |               |              |            |                |               |             |          | <b>13.9152</b> | <b>13.9152</b> | <b>9.1000e-004</b> | <b>0.0000</b> | <b>13.9379</b> |

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 25.1350        | 25.1350        | 6.3000e-004        | 0.0000        | 25.1509        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>25.1350</b> | <b>25.1350</b> | <b>6.3000e-004</b> | <b>0.0000</b> | <b>25.1509</b> |

**Mitigated Construction On-Site**

|                 | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|-----------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category        | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Archit. Coating |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Off-Road        |         |     |    |     |               |              |            |                |               |             |          | 13.9152        | 13.9152        | 9.1000e-004        | 0.0000        | 13.9379        |
| <b>Total</b>    |         |     |    |     |               |              |            |                |               |             |          | <b>13.9152</b> | <b>13.9152</b> | <b>9.1000e-004</b> | <b>0.0000</b> | <b>13.9379</b> |

**Mitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 25.1350        | 25.1350        | 6.3000e-004        | 0.0000        | 25.1509        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>25.1350</b> | <b>25.1350</b> | <b>6.3000e-004</b> | <b>0.0000</b> | <b>25.1509</b> |

**3.9 Paving - 2022**

100 E. Ocean  
Annual (GHG) Emissions

**Unmitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 14.5623        | 14.5623        | 4.7100e-003        | 0.0000        | 14.6800        |
| Paving       |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>14.5623</b> | <b>14.5623</b> | <b>4.7100e-003</b> | <b>0.0000</b> | <b>14.6800</b> |

**Unmitigated Construction Off-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2      | Total CO2     | CH4                | N2O           | CO2e          |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|---------------|---------------|--------------------|---------------|---------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |               |               |                    |               |               |
| Hauling      |         |     |    |     |               |              |            |                |               |             |          | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Vendor       |         |     |    |     |               |              |            |                |               |             |          | 3.9709        | 3.9709        | 2.5000e-004        | 0.0000        | 3.9772        |
| Worker       |         |     |    |     |               |              |            |                |               |             |          | 1.5219        | 1.5219        | 4.0000e-005        | 0.0000        | 1.5229        |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>5.4929</b> | <b>5.4929</b> | <b>2.9000e-004</b> | <b>0.0000</b> | <b>5.5001</b> |

**Mitigated Construction On-Site**

|              | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2       | Total CO2      | CH4                | N2O           | CO2e           |
|--------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------------|----------------|--------------------|---------------|----------------|
| Category     | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |                |                |                    |               |                |
| Off-Road     |         |     |    |     |               |              |            |                |               |             |          | 14.5623        | 14.5623        | 4.7100e-003        | 0.0000        | 14.6800        |
| Paving       |         |     |    |     |               |              |            |                |               |             |          | 0.0000         | 0.0000         | 0.0000             | 0.0000        | 0.0000         |
| <b>Total</b> |         |     |    |     |               |              |            |                |               |             |          | <b>14.5623</b> | <b>14.5623</b> | <b>4.7100e-003</b> | <b>0.0000</b> | <b>14.6800</b> |

**Mitigated Construction Off-Site**

|          | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2 | Total CO2 | CH4         | N2O    | CO2e   |
|----------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|----------|-----------|-------------|--------|--------|
| Category | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |          |           |             |        |        |
| Hauling  |         |     |    |     |               |              |            |                |               |             |          | 0.0000   | 0.0000    | 0.0000      | 0.0000 | 0.0000 |
| Vendor   |         |     |    |     |               |              |            |                |               |             |          | 3.9709   | 3.9709    | 2.5000e-004 | 0.0000 | 3.9772 |
| Worker   |         |     |    |     |               |              |            |                |               |             |          | 1.5219   | 1.5219    | 4.0000e-005 | 0.0000 | 1.5229 |

100 E. Ocean  
Annual (GHG) Emissions

|       |  |  |  |  |  |  |  |  |  |  |  |        |        |             |        |        |
|-------|--|--|--|--|--|--|--|--|--|--|--|--------|--------|-------------|--------|--------|
| Total |  |  |  |  |  |  |  |  |  |  |  | 5.4929 | 5.4929 | 2.9000e-004 | 0.0000 | 5.5001 |
|-------|--|--|--|--|--|--|--|--|--|--|--|--------|--------|-------------|--------|--------|

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Increase Density
- Improve Walkability Design
- Improve Destination Accessibility
- Increase Transit Accessibility
- Improve Pedestrian Network
- Provide Traffic Calming Measures

|             | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio-CO2   | Total CO2  | CH4    | N2O    | CO2e       |
|-------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category    | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| Mitigated   |         |     |    |     |               |              |            |                |               |             | 0.0000   | 2,056.3887 | 2,056.3887 | 0.1447 | 0.0000 | 2,060.0071 |
| Unmitigated |         |     |    |     |               |              |            |                |               |             | 0.0000   | 5,248.2088 | 5,248.2088 | 0.2803 | 0.0000 | 5,255.2172 |

4.2 Trip Summary Information

| Land Use                       | Average Daily Trip Rate |          |         | Unmitigated | Mitigated  |
|--------------------------------|-------------------------|----------|---------|-------------|------------|
|                                | Weekday                 | Saturday | Sunday  | Annual VMT  | Annual VMT |
| Enclosed Parking with Elevator | 0.00                    | 0.00     | 0.00    |             |            |
| Hotel                          | 3,586.44                | 3,595.02 | 2612.61 | 8,228,823   | 2,736,084  |
| Quality Restaurant             | 2,637.82                | 2,767.13 | 2116.14 | 3,675,485   | 1,222,099  |
| Racquet Club                   | 0.00                    | 0.00     | 0.00    |             |            |
|                                |                         |          |         |             | 3,958,183  |

4.3 Trip Type Information

| Land Use                       | Miles      |            |             | Trip %    |            |             | Trip Purpose % |          |         |
|--------------------------------|------------|------------|-------------|-----------|------------|-------------|----------------|----------|---------|
|                                | H-W or C-W | H-S or C-C | H-O or C-NW | H-W or C- | H-S or C-C | H-O or C-NW | Primary        | Diverted | Pass-by |
| Enclosed Parking with Elevator | 16.60      | 8.40       | 6.90        | 0.00      | 0.00       | 0.00        | 0              | 0        | 0       |
| Hotel                          | 16.60      | 8.40       | 6.90        | 19.40     | 61.60      | 19.00       | 58             | 38       | 4       |
| Quality Restaurant             | 16.60      | 8.40       | 6.90        | 12.00     | 69.00      | 19.00       | 38             | 18       | 44      |
| Racquet Club                   | 16.60      | 8.40       | 6.90        | 11.50     | 69.50      | 19.00       | 52             | 39       | 9       |

4.4 Fleet Mix

| Land Use                       | LDA      | LDT1     | LDT2     | MDV      | LHD1     | LHD2     | MHD      | HHD      | OBUS     | UBUS     | MCY      | SBUS     | MH       |
|--------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Enclosed Parking with Elevator | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |
| Hotel                          | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |
| Quality Restaurant             | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |
| Racquet Club                   | 0.551391 | 0.043400 | 0.201050 | 0.120272 | 0.016162 | 0.005864 | 0.021029 | 0.030512 | 0.002059 | 0.001866 | 0.004766 | 0.000706 | 0.000924 |

5.0 Energy Detail

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Install High Efficiency Lighting

|                         | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2  | Total CO2  | CH4    | N2O    | CO2e       |
|-------------------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|------------|------------|--------|--------|------------|
| Category                | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |            |            |        |        |            |
| Electricity Mitigated   |         |     |    |     |               |              |            |                |               |             | 0.0000   | 1,118.1440 | 1,118.1440 | 0.0591 | 0.0122 | 1,123.2622 |
| Electricity Unmitigated |         |     |    |     |               |              |            |                |               |             | 0.0000   | 1,198.7031 | 1,198.7031 | 0.0633 | 0.0131 | 1,204.1900 |
| NaturalGas Mitigated    |         |     |    |     |               |              |            |                |               |             | 0.0000   | 886.3509   | 886.3509   | 0.0170 | 0.0163 | 891.6181   |
| NaturalGas Unmitigated  |         |     |    |     |               |              |            |                |               |             | 0.0000   | 886.3509   | 886.3509   | 0.0170 | 0.0163 | 891.6181   |

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

|                                | NaturalGas Use | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------------------------|----------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Land Use                       | kBTU/yr        | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr         |                 |                 |               |               |                 |
| Enclosed Parking with Elevator | 0              |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Hotel                          | 1.0698e+07     |         |     |    |     |               |              |            |                |               |             | 0.0000        | 570.8876        | 570.8876        | 0.0109        | 0.0105        | 574.2801        |
| Quality Restaurant             | 5.42563e+006   |         |     |    |     |               |              |            |                |               |             | 0.0000        | 289.5322        | 289.5322        | 5.5500e-003   | 5.3100e-003   | 291.2528        |
| Racquet Club                   | 485931         |         |     |    |     |               |              |            |                |               |             | 0.0000        | 25.9311         | 25.9311         | 5.0000e-004   | 4.8000e-004   | 26.0852         |
| <b>Total</b>                   |                |         |     |    |     |               |              |            |                |               |             | <b>0.0000</b> | <b>886.3509</b> | <b>886.3509</b> | <b>0.0170</b> | <b>0.0163</b> | <b>891.6181</b> |

Mitigated

|                                | NaturalGas Use | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2      | NBio- CO2       | Total CO2       | CH4           | N2O           | CO2e            |
|--------------------------------|----------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|---------------|-----------------|-----------------|---------------|---------------|-----------------|
| Land Use                       | kBTU/yr        | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr         |                 |                 |               |               |                 |
| Enclosed Parking with Elevator | 0              |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0000          | 0.0000          | 0.0000        | 0.0000        | 0.0000          |
| Hotel                          | 1.0698e+07     |         |     |    |     |               |              |            |                |               |             | 0.0000        | 570.8876        | 570.8876        | 0.0109        | 0.0105        | 574.2801        |
| Quality Restaurant             | 5.42563e+006   |         |     |    |     |               |              |            |                |               |             | 0.0000        | 289.5322        | 289.5322        | 5.5500e-003   | 5.3100e-003   | 291.2528        |
| Racquet Club                   | 485931         |         |     |    |     |               |              |            |                |               |             | 0.0000        | 25.9311         | 25.9311         | 5.0000e-004   | 4.8000e-004   | 26.0852         |
| <b>Total</b>                   |                |         |     |    |     |               |              |            |                |               |             | <b>0.0000</b> | <b>886.3509</b> | <b>886.3509</b> | <b>0.0170</b> | <b>0.0163</b> | <b>891.6181</b> |

**5.3 Energy by Land Use - Electricity**

Unmitigated

100 E. Ocean  
Annual (GHG) Emissions

|                                | Electricity Use | Total CO2 | CH4         | N2O         | CO2e     |
|--------------------------------|-----------------|-----------|-------------|-------------|----------|
| Land Use                       | kWh/yr          | MT/yr     |             |             |          |
| Enclosed Parking with Elevator | 96205.4         | 23.9573   | 1.2700e-003 | 2.6000e-004 | 24.0670  |
| Hotel                          | 3.38161e+006    | 842.0966  | 0.0445      | 9.2000e-003 | 845.9512 |
| Quality Restaurant             | 1.03782e+006    | 258.4402  | 0.0137      | 2.8200e-003 | 259.6231 |
| Racquet Club                   | 298002          | 74.2090   | 3.9200e-003 | 8.1000e-004 | 74.5487  |
| <b>Total</b>                   |                 |           |             |             |          |

**Mitigated**

|                                | Electricity Use | Total CO2 | CH4         | N2O         | CO2e     |
|--------------------------------|-----------------|-----------|-------------|-------------|----------|
| Land Use                       | kWh/yr          | MT/yr     |             |             |          |
| Enclosed Parking with Elevator | 78446           | 19.5348   | 1.0300e-003 | 2.1000e-004 | 19.6242  |
| Hotel                          | 3.14294e+006    | 782.6610  | 0.0413      | 8.5500e-003 | 786.2436 |
| Quality Restaurant             | 991560          | 246.9204  | 0.0130      | 2.7000e-003 | 248.0507 |
| Racquet Club                   | 277195          | 69.0278   | 3.6500e-003 | 7.5000e-004 | 69.3438  |
| <b>Total</b>                   |                 |           |             |             |          |

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

No Hearths Installed

|             | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2 | Total CO2 | CH4         | N2O    | CO2e   |
|-------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|-----------|-----------|-------------|--------|--------|
| Category    | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr    |           |           |             |        |        |
| Mitigated   |         |     |    |     |               |              |            |                |               |             | 0.0000   | 0.0156    | 0.0156    | 4.0000e-005 | 0.0000 | 0.0167 |
| Unmitigated |         |     |    |     |               |              |            |                |               |             | 0.0000   | 0.0156    | 0.0156    | 4.0000e-005 | 0.0000 | 0.0167 |

**6.2 Area by SubCategory**

**Unmitigated**

100 E. Ocean  
Annual (GHG) Emissions

|                       | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr         |               |               |                    |               |               |
| Architectural Coating |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Consumer Products     |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0156        | 0.0156        | 4.0000e-005        | 0.0000        | 0.0167        |
| <b>Total</b>          |         |     |    |     |               |              |            |                |               |             | <b>0.0000</b> | <b>0.0156</b> | <b>0.0156</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>0.0167</b> |

**Mitigated**

|                       | ROG     | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2      | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|-----------------------|---------|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| SubCategory           | tons/yr |     |    |     |               |              |            |                |               |             | MT/yr         |               |               |                    |               |               |
| Architectural Coating |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Consumer Products     |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0000        | 0.0000        | 0.0000             | 0.0000        | 0.0000        |
| Landscaping           |         |     |    |     |               |              |            |                |               |             | 0.0000        | 0.0156        | 0.0156        | 4.0000e-005        | 0.0000        | 0.0167        |
| <b>Total</b>          |         |     |    |     |               |              |            |                |               |             | <b>0.0000</b> | <b>0.0156</b> | <b>0.0156</b> | <b>4.0000e-005</b> | <b>0.0000</b> | <b>0.0167</b> |

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Apply Water Conservation Strategy

|             | Total CO2 | CH4    | N2O    | CO2e    |
|-------------|-----------|--------|--------|---------|
| Category    | MT/yr     |        |        |         |
| Mitigated   | 63.1337   | 0.5142 | 0.0127 | 79.7737 |
| Unmitigated | 77.0926   | 0.6426 | 0.0159 | 97.8843 |

**7.2 Water by Land Use**

**Unmitigated**

|                                | Indoor/Outdoor Use | Total CO2 | CH4    | N2O         | CO2e    |
|--------------------------------|--------------------|-----------|--------|-------------|---------|
| Land Use                       | Mgal               | MT/yr     |        |             |         |
| Enclosed Parking with Elevator | 0 / 0              | 0.0000    | 0.0000 | 0.0000      | 0.0000  |
| Hotel                          | 10.8823 / 1.20915  | 42.0839   | 0.3566 | 8.8000e-003 | 53.6209 |



100 E. Ocean  
Annual (GHG) Emissions

|                    |                       |                |               |                 |                |
|--------------------|-----------------------|----------------|---------------|-----------------|----------------|
| Quality Restaurant | 7.13608 /<br>0.455494 | 26.6630        | 0.2338        | 5.7600e-<br>003 | 34.2241        |
| Racquet Club       | 1.58789 /<br>0.973286 | 8.3456         | 0.0522        | 1.3100e-<br>003 | 10.0392        |
| <b>Total</b>       |                       | <b>77.0926</b> | <b>0.6426</b> | <b>0.0159</b>   | <b>97.8843</b> |

**Mitigated**

|                                | Indoor/Outdoor Use    | Total CO2      | CH4           | N2O             | CO2e           |
|--------------------------------|-----------------------|----------------|---------------|-----------------|----------------|
| Land Use                       | Mgal                  | MT/yr          |               |                 |                |
| Enclosed Parking with Elevator | 0 / 0                 | 0.0000         | 0.0000        | 0.0000          | 0.0000         |
| Hotel                          | 8.70588 /<br>1.20915  | 34.3362        | 0.2854        | 7.0400e-<br>003 | 43.5689        |
| Quality Restaurant             | 5.70886 /<br>0.455494 | 21.5824        | 0.1871        | 4.6100e-<br>003 | 27.6325        |
| Racquet Club                   | 1.27039 /<br>0.973286 | 7.2151         | 0.0418        | 1.0500e-<br>003 | 8.5724         |
| <b>Total</b>                   |                       | <b>63.1337</b> | <b>0.5142</b> | <b>0.0127</b>   | <b>79.7737</b> |

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

Category/Year

|             | Total CO2 | CH4    | N2O    | CO2e     |
|-------------|-----------|--------|--------|----------|
|             | MT/yr     |        |        |          |
| Mitigated   | 25.7611   | 1.5224 | 0.0000 | 63.8221  |
| Unmitigated | 83.1004   | 4.9111 | 0.0000 | 205.8778 |

**8.2 Waste by Land Use**

Unmitigated

|                                | Waste Disposed | Total CO2 | CH4    | N2O    | CO2e     |
|--------------------------------|----------------|-----------|--------|--------|----------|
| Land Use                       | tons           | MT/yr     |        |        |          |
| Enclosed Parking with Elevator | 0              | 0.0000    | 0.0000 | 0.0000 | 0.0000   |
| Hotel                          | 234.88         | 47.6785   | 2.8177 | 0.0000 | 118.1215 |
| Quality Restaurant             | 21.45          | 4.3542    | 0.2573 | 0.0000 | 10.7872  |
| Racquet Club                   | 153.05         | 31.0678   | 1.8361 | 0.0000 | 76.9691  |

100 E. Ocean  
Annual (GHG) Emissions

|       |  |         |        |        |          |
|-------|--|---------|--------|--------|----------|
| Total |  | 83.1005 | 4.9111 | 0.0000 | 205.8778 |
|-------|--|---------|--------|--------|----------|

**Mitigated**

| Land Use                       | Waste Disposed<br>tons | Total CO2      | CH4           | N2O           | CO2e           |
|--------------------------------|------------------------|----------------|---------------|---------------|----------------|
| MT/yr                          |                        |                |               |               |                |
| Enclosed Parking with Elevator | 0                      | 0.0000         | 0.0000        | 0.0000        | 0.0000         |
| Hotel                          | 72.8128                | 14.7803        | 0.8735        | 0.0000        | 36.6177        |
| Quality Restaurant             | 6.6495                 | 1.3498         | 0.0798        | 0.0000        | 3.3440         |
| Racquet Club                   | 47.4455                | 9.6310         | 0.5692        | 0.0000        | 23.8604        |
| <b>Total</b>                   |                        | <b>25.7611</b> | <b>1.5224</b> | <b>0.0000</b> | <b>63.8221</b> |

**9.0 Operational Offroad**

| Equipment Type | Number | Hours/Day | Days/Year | Horse Power | Load Factor | Fuel Type |
|----------------|--------|-----------|-----------|-------------|-------------|-----------|
|----------------|--------|-----------|-----------|-------------|-------------|-----------|

**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

| Equipment Type      | Number | Hours/Day | Hours/Year | Horse Power | Load Factor | Fuel Type |
|---------------------|--------|-----------|------------|-------------|-------------|-----------|
| Emergency Generator | 1      | 1         | 12         | 300         | 0.73        | Diesel    |

**Boilers**

| Equipment Type | Number | Heat Input/Day | Heat Input/Year | Boiler Rating | Fuel Type |
|----------------|--------|----------------|-----------------|---------------|-----------|
|----------------|--------|----------------|-----------------|---------------|-----------|

**User Defined Equipment**

| Equipment Type | Number |
|----------------|--------|
|----------------|--------|

**10.1 Stationary Sources**

**Unmitigated/Mitigated**

| Equipment Type                              | ROG | NOx | CO | SO2 | Fugitive PM10 | Exhaust PM10 | PM10 Total | Fugitive PM2.5 | Exhaust PM2.5 | PM2.5 Total | Bio- CO2 | NBio- CO2     | Total CO2     | CH4                | N2O           | CO2e          |
|---------------------------------------------|-----|-----|----|-----|---------------|--------------|------------|----------------|---------------|-------------|----------|---------------|---------------|--------------------|---------------|---------------|
| tons/yr                                     |     |     |    |     |               |              |            |                |               |             | MT/yr    |               |               |                    |               |               |
| Emergency Generator - Diesel (200 - 200 HP) |     |     |    |     |               |              |            |                |               |             | 0.0000   | 1.3709        | 1.3709        | 1.9000e-004        | 0.0000        | 1.3757        |
| <b>Total</b>                                |     |     |    |     |               |              |            |                |               |             |          | <b>1.3709</b> | <b>1.3709</b> | <b>1.9000e-004</b> | <b>0.0000</b> | <b>1.3757</b> |

**11.0 Vegetation**

**Step 1. Determine Allowable Increase using 98th percentile NO2 and Max NO2 data**  
**South Coastal LA County NO2 Monitoring Data**

| SRA | City | Design Value | 98th percentile, ppb |      |      |      |
|-----|------|--------------|----------------------|------|------|------|
|     |      | 2014-2016    | 2013                 | 2014 | 2015 | 2016 |
| 4   | SCLA | 66           | 66                   | 64   | 66   |      |

Threshold (ppb)      Allowable Increase (ppb)  
100                      34

| SRA | City | Design Value | Max Hourly, ppb |      |      |      |
|-----|------|--------------|-----------------|------|------|------|
|     |      | 2006-2008    | 2013            | 2014 | 2015 | 2016 |
| 4   | SCLA | 120          | 82              | 79   | 65   |      |

Threshold (ppb)      Allowable Increase (ppb)  
180                      60

|                                                                  |            |
|------------------------------------------------------------------|------------|
| <b>Max Hourly vs. 98th Percentile Ratio (Allowable Increase)</b> | <b>57%</b> |
|------------------------------------------------------------------|------------|

**Step 2. Use ratio in Step 1 to determine LST lookup value. Extrapolate/Interpolate LST look-up value for project area**

**LST Threshold (SRA 4, 100 meter receptor)**

| Project Size (acres) | NO2 (lbs/day) | 98th Percentile NO2 (lbs/day) | CO (lbs/day) | PM10 (lbs/day) | PM2.5 (lbs/day) | PM10 Ops (lbs/day) | PM2.5 Ops (lbs/day) |
|----------------------|---------------|-------------------------------|--------------|----------------|-----------------|--------------------|---------------------|
| 1                    | 68            | 40                            | 1180         | 29             | 10              | 7                  | 3                   |

**100 E. Ocean**

**Mat Foundation Concrete Truck Calculations**

**Run Emissions**

|                                          |           |          |           |            |             |           |           |
|------------------------------------------|-----------|----------|-----------|------------|-------------|-----------|-----------|
| Loads per Day                            | 415       |          |           |            |             |           |           |
| Roundtrip Length (mi)                    | 13.8      |          |           |            |             |           |           |
| Daily VMT                                | 5727      |          |           |            |             |           |           |
|                                          | TOG_RUNEX | CO_RUNEX | NOx_RUNEX | PM10_RUNEX | PM2_5_RUNEX | SOx_RUNEX | CO2_RUNEX |
| Run Emission Factors (g/mi) <sup>1</sup> | 0.286     | 0.997    | 3.818     | 0.017      | 0.016       | 0.014     | 1,726     |
| Run Emissions (lbs/day)                  | 3.62      | 12.59    | 48.21     | 0.22       | 0.21        | 0.18      | 21,792    |
| On-site Emissions (lbs/day)              | 0.03      | 0.09     | 0.35      | 0.00       | 0.00        | 0.00      | 158       |

**Idle Emissions**

|                                           |       |        |        |       |       |       |          |
|-------------------------------------------|-------|--------|--------|-------|-------|-------|----------|
| Loads per Day                             | 415   |        |        |       |       |       |          |
| Idle Time Per Truck (min.)                | 10    |        |        |       |       |       |          |
| Daily Idle Time (hrs)                     | 69.17 |        |        |       |       |       |          |
|                                           | TOG   | CO     | NOx    | PM10  | PM2_5 | SOx   | CO2      |
| Idle Emission Factors (g/hr) <sup>2</sup> | 2.726 | 32.752 | 31.384 | 0.018 | 0.017 | 0.057 | 6029.455 |
| Idle Emissions (lbs/day)                  | 0.42  | 4.99   | 4.79   | 0.00  | 0.00  | 0.01  | 919.52   |

**Start Emissions**

|                                                    |          |          |       |          |          |          |          |
|----------------------------------------------------|----------|----------|-------|----------|----------|----------|----------|
| Trucks per Day                                     | 100      |          |       |          |          |          |          |
| Cold Starts per Day                                | 1        |          |       |          |          |          |          |
| Warm Starts per Day                                | 8        |          |       |          |          |          |          |
|                                                    | TOG      | CO       | NOx   | PM10     | PM2_5    | SOx      | CO2      |
| Cold Start Emission Factors (g/start) <sup>2</sup> | 2.27E-05 | 0.11     | 12.43 | 1.20E-05 | 1.11E-05 | 9.00E-06 | 7.26E-01 |
| Warm Start Emission Factors (g/start) <sup>2</sup> | 9.35E-07 | 2.94E-03 | 0.46  | 1.24E-06 | 1.16E-06 | 2.52E-07 | 2.06E-02 |
| Start Emissions (lbs/day)                          | 0.000    | 0.030    | 3.547 | 0.000    | 0.000    | 0.000    | 0.196    |

**Brake and Tire Wear**

|                                                          |         |         |          |          |
|----------------------------------------------------------|---------|---------|----------|----------|
|                                                          | PM10_TW | PM10_BW | PM2.5_TW | PM2.5_BW |
| Brake and Tire Wear Emission Factors (g/mi) <sup>1</sup> | 0.035   | 0.061   | 0.009    | 0.026    |
| Run Emissions (lbs/day)                                  | 0.45    | 0.77    | 0.11     | 0.33     |
| On-site Emissions (lbs/day)                              | 0.00    | 0.01    | 0.00     | 0.00     |

**Reentrained Road Dust**

|                                                       |       |       |
|-------------------------------------------------------|-------|-------|
|                                                       | PM10  | PM2.5 |
| Reentrained Dust Emission Factors (g/mi) <sup>3</sup> | 0.294 | 0.073 |
| Run Emissions (lbs/day)                               | 3.71  | 0.93  |
| On-site Emissions (lbs/day)                           | 0.03  | 0.01  |

|                                             |             |              |              |             |             |             |            |             |
|---------------------------------------------|-------------|--------------|--------------|-------------|-------------|-------------|------------|-------------|
| <b>Total Emissions (Run + Idle + Start)</b> | <b>4.03</b> | <b>17.61</b> | <b>56.54</b> | <b>0.25</b> | <b>0.22</b> | <b>0.19</b> | total tons | <b>22.7</b> |
|---------------------------------------------|-------------|--------------|--------------|-------------|-------------|-------------|------------|-------------|

|                                       |      |      |      |      |      |      |  |  |
|---------------------------------------|------|------|------|------|------|------|--|--|
| On-site Emissions (Run 0.1 mi + Idle) | 0.44 | 5.09 | 5.14 | 0.04 | 0.01 | 0.01 |  |  |
|---------------------------------------|------|------|------|------|------|------|--|--|

<sup>1</sup> EMFAC2017 Web Database - Los Angeles County, Year 2020, EMFAC2007 Categories, HHDT

<sup>2</sup> EMFAC2017 Project Level (PL) v. 1.0.2 - Los Angeles County, Year 2020, EMFAC2007 Categories, HHDT

<sup>3</sup> USEPA AP-42 Road Dust Equations

**100 E. Ocean**  
**Running Emissions**

**Emission Factor Calculation - EMFAC2014, Los Angeles County, Year 2020. Model Years 2007+**

| <b>Totals (tons/day)</b> |           |           |           |          |           |           |            |             |  |
|--------------------------|-----------|-----------|-----------|----------|-----------|-----------|------------|-------------|--|
| Speed                    | VMT       | ROG_RUNEX | TOG_RUNEX | CO_RUNEX | NOx_RUNEX | CO2_RUNEX | PM10_RUNEX | PM2_5_RUNEX |  |
| 5                        | 67,185    | 0.089     | 0.261     | 0.811    | 1.342     | 267.060   | 0.003      | 0.003       |  |
| 10                       | 145,001   | 0.146     | 0.478     | 1.492    | 2.289     | 514.728   | 0.005      | 0.005       |  |
| 15                       | 195,428   | 0.139     | 0.258     | 0.846    | 2.371     | 535.750   | 0.007      | 0.006       |  |
| 20                       | 519,274   | 0.213     | 0.310     | 1.092    | 3.924     | 1,192.820 | 0.012      | 0.012       |  |
| 25                       | 660,608   | 0.211     | 0.311     | 1.122    | 3.978     | 1,384.411 | 0.015      | 0.014       |  |
| 30                       | 967,679   | 0.229     | 0.319     | 1.163    | 4.789     | 1,896.457 | 0.020      | 0.019       |  |
| 35                       | 903,899   | 0.157     | 0.285     | 0.994    | 3.804     | 1,719.717 | 0.017      | 0.016       |  |
| 40                       | 873,908   | 0.115     | 0.187     | 0.659    | 3.364     | 1,576.542 | 0.016      | 0.015       |  |
| 45                       | 914,757   | 0.090     | 0.137     | 0.486    | 3.273     | 1,577.490 | 0.016      | 0.015       |  |
| 50                       | 961,872   | 0.069     | 0.088     | 0.326    | 3.121     | 1,570.999 | 0.016      | 0.015       |  |
| 55                       | 1,297,749 | 0.074     | 0.085     | 0.315    | 4.391     | 2,063.270 | 0.023      | 0.022       |  |
| 60                       | 2,126,061 | 0.102     | 0.116     | 0.439    | 6.635     | 3,316.740 | 0.035      | 0.033       |  |
| 65                       | 1,462,673 | 0.064     | 0.073     | 0.291    | 4.000     | 2,254.731 | 0.022      | 0.021       |  |
| 70                       | 112,796   | 0.005     | 0.006     | 0.023    | 0.339     | 175.381   | 0.002      | 0.002       |  |
| 75                       | 0         | 0.000     | 0.000     | 0.000    | 0.000     | 0.000     | 0.000      | 0.000       |  |
| 80                       | 0         | 0.000     | 0.000     | 0.000    | 0.000     | 0.000     | 0.000      | 0.000       |  |
| 85                       | 0         | 0.000     | 0.000     | 0.000    | 0.000     | 0.000     | 0.000      | 0.000       |  |
| 90                       | 0         | 0.000     | 0.000     | 0.000    | 0.000     | 0.000     | 0.000      | 0.000       |  |

| <b>Emission Factor (g/mi)</b> |  |           |           |          |           |           |            |             |  |
|-------------------------------|--|-----------|-----------|----------|-----------|-----------|------------|-------------|--|
| Speed                         |  | ROG_RUNEX | TOG_RUNEX | CO_RUNEX | NOx_RUNEX | CO2_RUNEX | PM10_RUNEX | PM2_5_RUNEX |  |
| 20                            |  | 0.373     | 0.541     | 1.907    | 6.854     | 2,084     | 0.022      | 0.021       |  |
| 25                            |  | 0.290     | 0.427     | 1.541    | 5.463     | 1,901     | 0.020      | 0.019       |  |
| 30                            |  | 0.215     | 0.299     | 1.090    | 4.489     | 1,778     | 0.019      | 0.018       |  |
| 35                            |  | 0.158     | 0.286     | 0.997    | 3.818     | 1,726     | 0.017      | 0.016       |  |
| 40                            |  | 0.119     | 0.194     | 0.684    | 3.492     | 1,636     | 0.017      | 0.016       |  |
| 45                            |  | 0.089     | 0.135     | 0.481    | 3.246     | 1,564     | 0.016      | 0.015       |  |

100 E. Ocean

Start and Idle Emission Factors (EMFAC2017)

| EMFAC 2017 - Start Emission Factors (g/start) |              |                  |               |             |                   |         |            |           |               |
|-----------------------------------------------|--------------|------------------|---------------|-------------|-------------------|---------|------------|-----------|---------------|
| calendar_year                                 | season_month | sub_area         | vehicle_class | temperature | relative_humidity | process | speed_time | pollutant | emission_rate |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 5          | NOx       | 0.457621128   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 10         | NOx       | 0.628961098   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 20         | NOx       | 0.96793774    |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 30         | NOx       | 1.301976654   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 40         | NOx       | 1.631077838   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 50         | NOx       | 1.955241293   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 60         | NOx       | 2.27446702    |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 120        | NOx       | 4.086129066   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 180        | NOx       | 5.720032865   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 240        | NOx       | 7.176178416   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 300        | NOx       | 8.45456572    |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 360        | NOx       | 9.555194777   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 420        | NOx       | 10.47806559   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 480        | NOx       | 11.22317815   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 540        | NOx       | 11.79053246   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 600        | NOx       | 12.18012853   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 660        | NOx       | 12.39196635   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 720        | NOx       | 12.42604593   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          |             |                   | STREX   | 9999       | NOx       | 12.42604593   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | HC        | 8.95E-07      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | CO        | 0.002941324   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | NOx       | 0.001183717   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | SOx       | 2.52E-07      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | PM        | 1.34E-06      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | TOG       | 9.35E-07      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | ROG       | 8.54E-07      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | CO2       | 0.020625245   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | CH4       | 2.43E-07      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | PM10      | 1.24E-06      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 5          | PM2_5     | 1.16E-06      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | HC        | 2.18E-05      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | CO        | 0.112022806   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | NOx       | 0.004444977   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | SOx       | 9.00E-06      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | PM        | 1.33E-05      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | TOG       | 2.27E-05      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | ROG       | 2.08E-05      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | CO2       | 0.725553697   |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | CH4       | 3.84E-06      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | PM10      | 1.20E-05      |
| 2020                                          | Annual       | Los Angeles (SC) | HHDT          | 50          |                   | STREX   | 720        | PM2_5     | 1.11E-05      |

Nox Only

Warm Start

Cold Start

| EMFAC 2017 - Idle Emission Factors (g/hr) |              |                  |               |             |                   |         |            |           |               |
|-------------------------------------------|--------------|------------------|---------------|-------------|-------------------|---------|------------|-----------|---------------|
| calendar_year                             | season_month | sub_area         | vehicle_class | temperature | relative_humidity | process | speed_time | pollutant | emission_rate |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | HC        | 1.891         |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | CO        | 32.752        |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | NOx       | 31.384        |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | SOx       | 0.057         |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | PM        | 0.018         |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | TOG       | 2.726         |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | ROG       | 2.393         |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | CO2       | 6029.455      |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | CH4       | 0.113         |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | PM10      | 0.018         |
| 2020                                      | Annual       | Los Angeles (MD) | HHDT          |             |                   | IDLEX   |            | PM2_5     | 0.017         |

| EMFAC 2014 - Tire and Brake Wear (g/mi) |       |           |            |            |      |           |           |            |            |
|-----------------------------------------|-------|-----------|------------|------------|------|-----------|-----------|------------|------------|
| Region                                  | CalYr | VehClass  | MdYr       | Speed      | Fuel | PM10_PMTW | PM10_PMBW | PM2_5_PMTW | PM2_5_PMBW |
| Los Angeles                             |       | 2020 HHDT | Aggregated | Aggregated | DSL  | 0.035     | 0.061     | 0.009      | 0.026      |

## 100 E. Ocean

### Paved Road Dust Emission Factors

#### AP-42 Emission Factor Equation

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$$[k(sL)^{0.91} \times (W)^{1.02}] \times (1 - P/4N)$$

| Parameter                              | Value    | Units |
|----------------------------------------|----------|-------|
| particle size multiplier (k)           | 1        |       |
| road surface silt loading (sL)         | 0.1      |       |
| average weight (W)                     | 2.4 tons |       |
| number of "wet" days (P)               | 33 days  |       |
| number of days in averaging period (N) | 365 days |       |

Emission Factor **0.294** g/mi

#### PM2.5

| Parameter                              | Value    | Units |
|----------------------------------------|----------|-------|
| particle size multiplier (k)           | 0.25     |       |
| road surface silt loading (sL)         | 0.1      |       |
| average weight (W)                     | 2.4 tons |       |
| number of "wet" days (P)               | 33 days  |       |
| number of days in averaging period (N) | 365 days |       |

Emission Factor **0.073** g/mi