# Quarterly Noise Report

Prepared For:
California Department of Transportation (Caltrans)
Division of Aeronautics

3$^{rd}$ Quarter 2020
July 1, 2020 – September 30, 2020

**NORMAN Y. MINETA
SAN JOSE
INTERNATIONAL
AIRPORT**

**SILICON VALLEY'S AIRPORT**

Airport Noise Office

October 27, 2020

**Quarterly Noise Report**
**3rd Quarter 2020**
**(July 1, 2020 through September 30, 2020)**

On May 24, 2012, the California Department of Transportation (Caltrans), Division of Aeronautics, confirmed via a correspondence letter that the County of Santa Clara verified Norman Y. Mineta San Jose International Airport (SJC) achieved a zero noise impact area pursuant to the California Code of Regulations, Title 21 (Public Works), Division 2.5 (Division of Aeronautics), Chapter 6 (Noise Standards), Article 1 (General), Section 5012 (Airport Noise Standard) as of its 2nd Quarter 2011 Quarterly Noise Report. The letter went on to state that having met the standard, SJC no longer requires a variance.

This Quarterly Noise Report for the 3rd Quarter of 2020 was prepared by the Airport Noise Office at Norman Y. Mineta San Jose International Airport (SJC), in accordance with the California Noise Standards (California Code of Regulations, Title 21, Section 5000 et seq.).

Robert Lockhart
Deputy Director of Aviation
Norman Y. Mineta San Jose International Airport

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# Summary of Statistical Information for the California Department of Transportation (Caltrans) Division of Aeronautics

| | | |
|---|---|---|
| 1. | Size of Noise Impact Area as defined in the Noise Standards (California Code of Regulations, Title 21, Chapter 2.5, Subchapter 6): | |
| | 0 Square Miles | |
| 2. | Estimated number of dwelling units included in the Noise Impact Area as defined in the Noise Standards*: | |
| | 0 Dwelling Units | |
| 3. | Estimated number of people residing within the Noise Impact Area as defined in the Noise Standards*: | |
| | 0 People | |
| 4. | Identification of the aircraft type having the highest takeoff noise level operating at this airport together with the estimated number of operations by this aircraft type during the calendar quarter reporting period: | |
| | Boeing 737-800 (B738); 1,931 Departure Operations | |
| 5. | Total number of aircraft operations during the calendar quarter: (Not Mandatory) | |
| | 26,672 | |
| 6. | Number of Air Carrier operations during the calendar quarter: (Not Mandatory) | |
| | 15,552 | |
| 7. | Percentage of Air Carrier operations by aircraft certificated under Federal Aviation Regulation (FAR) Part 36, Stage III: (Not Mandatory) | |
| | 100% | |
| 8. | Estimated number of operations by General Aviation aircraft during the calendar quarter: (Not Mandatory) | |
| | 6,877 | |
| 9. | Estimated number of operations by Military aircraft during the calendar quarter: (Not Mandatory) | |
| | 54 | |
| 10. | Estimated number of operations by Taxi/Commuter aircraft during the calendar quarter: (Not Mandatory) | |
| | 4,189 | |

Form DOA 617, Dated 10/89

* Calculations Based Upon 2010 Census Block Boundary Data.

**Aircraft Noise Measurements and Modeling**

Table 1 contains statistics of aircraft operations based upon the Federal Aviation Administration (FAA) Air Traffic Control Tower (ATCT) counts at Norman Y. Mineta San Jose International Airport (SJC).

Data contained within Tables 2-7 below was obtained from queries and reports run within Envirosuite ANOMS. Table 2 contains the locations of the permanent Remote Monitoring Terminals (RMT) maintained by Envirosuite in the surrounding communities of Norman Y. Mineta San Jose International Airport (SJC).

Tables 3-5 contains a summary of daily local aircraft measured noise levels (dB CNEL) for the three (3) months of the calendar quarter reporting period. Table 6 contains a summary of the monthly local aircraft measured noise levels (dB CNEL). Table 7 contains a summary of the annual local aircraft measured noise levels (dB CNEL).

The 65 dB CNEL noise contour for the period between October 1, 2019 through September 30, 2020 accompanies this report as an attachment. The noise contour was prepared using the Federal Aviation Administration's (FAA) Aviation Environmental Design Tool (AEDT) software. The noise contour figure depicts the locations of the permanent RMTs that were utilized for validation.

The FAA AEDT software is a state-of-the-art software system that models aircraft performance in space and time to estimate fuel consumption, emissions, noise, and air quality consequences. The modeling methodology fulfills the requirements of the State of California, Title 21, California Noise Standards.

**Table 1 – Total Aircraft Operations**

| Operations | 3rd Quarter 2020 | 2nd Quarter 2020 | 1st Quarter 2020 | 4th Quarter 2019 |
|---|---|---|---|---|
| Total | 26,672 | 17,706 | 45,656 | 50,889 |
| Air Carrier/Cargo | 15,552 | 9,728 | 33,420 | 37,555 |
| General Aviation | 6,877 | 5,434 | 6,734 | 8,062 |
| Military | 54 | 83 | 22 | 48 |
| Taxi/Commuter | 4,189 | 2,461 | 4,896 | 5,224 |

**Table 2 – Remote Monitoring Terminal (RMT) Locations**

| RMT # | Location | Latitude | Longitude |
|---|---|---|---|
| 101 | Oak Street, San Jose, CA | 37.321292 | -121.881981 |
| 102 | Center for Performing Arts, San Jose, CA | 37.329572 | -121.892365 |
| 104 | Bellarmine Prep School, San Jose, CA | 37.340997 | -121.917993 |
| 105 | Rosemary Garden, San Jose, CA | 37.362400 | -121.914750 |
| 106 | St. John/Autumn, San Jose, CA | 37.334240 | -121.899946 |
| 107 | Fire Station 6, Santa Clara, CA | 37.395160 | -121.949916 |
| 108 | MacGregor Lane, Santa Clara, CA | 37.386895 | -121.946527 |
| 109 | Lake Santa Clara, Santa Clara, CA | 37.392133 | -121.967717 |
| 110 | Chestnut Street, Santa Clara, CA | 37.390153 | -121.959598 |
| 111 | Fuller Street Park, Santa Clara, CA | 37.397987 | -121.965516 |
| 112 | Mountain View/Alviso, Santa Clara, CA | 37.409690 | -121.979440 |
| 114 | Fairway Glen Park, Santa Clara, CA | 37.405623 | -121.961404 |
| 115 | 3rd/Reed, San Jose, CA | 37.328608 | -121.882987 |

**Table 3 – Daily Community Noise Equivalent Level (CNEL) Values – July 2020**

| Day | Remote Monitoring Terminal (RMT) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 101 | 102 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 |
| 1 | 56.8 | 62.1 | 52.4 | 53.5 | 59.2 | 53.8 | 57.1 | 55.6 | 59.8 | 57.5 | 54.6 | 52.9 | 56.2 |
| 2 | 59.7 | 63.9 | 53.6 | 56.3 | 59.7 | 55.5 | 58.2 | 55.1 | 58.9 | 56.3 | 53.3 | 52.9 | 58.0 |
| 3 | 59.1 | 62.3 | 53.4 | 53.1 | 59.6 | 54.4 | 57.4 | 54.6 | 57.6 | 55.0 | 51.1 | 52.6 | 56.6 |
| 4 | 62.5 | 58.0 | 44.5 | 43.2 | 57.6 | 53.4 | 57.3 | 53.4 | 56.8 | 54.2 | 49.5 | 50.9 | 56.6 |
| 5 | 58.1 | 60.9 | 52.1 | 45.1 | 58.8 | 54.8 | 58.7 | 55.0 | 57.8 | 54.8 | 49.8 | 52.3 | 53.4 |
| 6 | 57.9 | 61.8 | 51.3 | 48.8 | 59.5 | 56.4 | 59.9 | 57.8 | 59.4 | 56.5 | 51.9 | 54.3 | 52.6 |
| 7 | 57.4 | 61.0 | 45.4 | 47.3 | 59.7 | 56.2 | 59.3 | 56.2 | 58.8 | 56.0 | 51.9 | 53.9 | 49.4 |
| 8 | 57.0 | 61.2 | 51.7 | 55.3 | 59.6 | 55.6 | 58.8 | 56.0 | 59.3 | 56.5 | 53.3 | 54.8 | 52.1 |
| 9 | 57.8 | 63.0 | 53.2 | 54.1 | 60.5 | 53.8 | 57.1 | 54.6 | 57.9 | 55.2 | 52.2 | 51.9 | 55.9 |
| 10 | 58.1 | 61.3 | 47.0 | 52.9 | 59.5 | 55.8 | 59.5 | 56.5 | 61.6 | 56.4 | 52.1 | 53.8 | 50.6 |
| 11 | 56.0 | 59.8 | 51.1 | 47.0 | 58.3 | 54.1 | 58.4 | 54.6 | 59.3 | 55.3 | 50.1 | 51.8 | 48.8 |
| 12 | 57.2 | 60.1 | 43.3 | 44.8 | 57.9 | 53.8 | 58.2 | 54.3 | 58.2 | 54.7 | 49.6 | 51.6 | 50.4 |
| 13 | 57.1 | 60.2 | 46.9 | 46.8 | 58.9 | 56.3 | 60.0 | 57.1 | 63.3 | 57.7 | 54.0 | 55.1 | 49.8 |
| 14 | 57.8 | 63.2 | 54.5 | 55.6 | 60.4 | 53.2 | 57.2 | 55.0 | 59.1 | 57.9 | 54.3 | 51.4 | 58.1 |
| 15 | 57.2 | 62.5 | 53.3 | 56.2 | 59.8 | 53.3 | 56.7 | 54.2 | 63.0 | 55.7 | 52.7 | 51.1 | 57.5 |
| 16 | 57.6 | 61.1 | 45.8 | 50.9 | 58.9 | 57.3 | 60.4 | 58.2 | 60.8 | 58.7 | 54.4 | 55.4 | 51.1 |
| 17 | 58.1 | 61.7 | 50.2 | 52.6 | 60.4 | 56.3 | 59.4 | 57.4 | 71.1 | 57.6 | 54.0 | 54.5 | 53.9 |
| 18 | 57.8 | 61.6 | 51.9 | 53.8 | 60.0 | 54.4 | 57.9 | 54.8 | 58.1 | 55.3 | 52.0 | 51.3 | 54.8 |
| 19 | 57.4 | 60.9 | 51.8 | 49.9 | 59.8 | 55.8 | 59.7 | 56.3 | 59.1 | 56.8 | 51.9 | 53.6 | 49.3 |
| 20 | 57.6 | 61.5 | 47.5 | 49.7 | 59.6 | 56.4 | 59.9 | 57.3 | 60.1 | 57.5 | 53.0 | 55.2 | 51.1 |
| 21 | 58.3 | 60.7 | 46.2 | 49.2 | 59.2 | 56.0 | 59.5 | 56.2 | 59.1 | 56.7 | 52.3 | 53.9 | 53.8 |
| 22 | 57.1 | 61.9 | 52.1 | 55.1 | 58.8 | 53.6 | 57.0 | 54.9 | 58.1 | 55.9 | 53.0 | 52.1 | 55.6 |
| 23 | 59.1 | 62.6 | 54.0 | 55.9 | 59.5 | 54.8 | 57.3 | 54.9 | 58.6 | 56.2 | 52.6 | 52.3 | 55.9 |
| 24 | 58.5 | 62.0 | 47.0 | 50.4 | 58.7 | 57.4 | 60.4 | 57.7 | 60.3 | 57.9 | 54.0 | 55.7 | 52.3 |
| 25 | 57.3 | 60.5 | 53.1 | 53.9 | 58.6 | 53.4 | 56.3 | 54.5 | 58.4 | 55.9 | 52.6 | 50.1 | 56.0 |
| 26 | 58.8 | 61.5 | 55.9 | 55.0 | 59.6 | 54.2 | 57.9 | 55.0 | 58.1 | 55.4 | 51.2 | 51.9 | 55.2 |
| 27 | 57.5 | 60.9 | 49.4 | 49.9 | 59.1 | 55.9 | 59.6 | 56.4 | 59.4 | 58.2 | 52.6 | 54.0 | 54.4 |
| 28 | 56.9 | 60.6 | 46.2 | 48.3 | 59.0 | 55.2 | 59.7 | 55.7 | 58.6 | 56.5 | 51.7 | 53.1 | 48.9 |
| 29 | 57.3 | 61.2 | 45.2 | 54.6 | 59.6 | 55.2 | 59.4 | 56.4 | 59.1 | 56.2 | 51.8 | 53.3 | 51.1 |
| 30 | 58.5 | 61.9 | 47.0 | 49.2 | 61.2 | 56.5 | 59.8 | 57.2 | 59.8 | 57.2 | 53.2 | 54.6 | 52.0 |
| 31 | 58.2 | 61.6 | 50.4 | 48.3 | 60.0 | 55.9 | 59.4 | 57.3 | 58.8 | 55.9 | 51.4 | 53.7 | 56.6 |
| Average | 58.1 | 61.5 | 51.1 | 52.5 | 59.5 | 55.3 | 58.8 | 56.0 | 61.1 | 56.5 | 52.5 | 53.3 | 54.4 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |

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**Table 4 – Daily Community Noise Equivalent Level (CNEL) Values – August 2020**

| Day | Remote Monitoring Terminal (RMT) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 101 | 102 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 |
| 1 | 58.0 | 60.6 | 52.0 | 44.6 | 58.8 | 55.0 | 58.5 | 56.0 | 58.3 | 55.7 | 51.6 | 53.1 | 51.9 |
| 2 | 57.0 | 59.9 | 44.2 | 45.4 | 57.1 | 55.4 | 59.0 | 55.5 | 58.4 | 55.6 | 50.3 | 53.0 | 52.0 |
| 3 | 57.7 | 60.8 | 50.9 | 47.3 | 57.9 | 56.8 | 59.5 | 56.3 | 59.0 | 56.0 | 51.5 | 54.0 | 52.2 |
| 4 | 59.0 | 62.1 | 51.5 | 52.8 | 59.3 | 55.4 | 58.9 | 56.0 | 58.7 | 56.4 | 51.6 | 53.6 | 55.2 |
| 5 | 57.6 | 61.6 | 51.0 | 58.3 | 58.6 | 57.2 | 60.2 | 57.3 | 59.8 | 57.2 | 52.4 | 54.9 | 52.7 |
| 6 | 58.0 | 62.0 | 45.1 | 46.1 | 59.5 | 56.7 | 60.0 | 57.5 | 60.1 | 57.8 | 53.8 | 55.6 | 51.6 |
| 7 | 59.5 | 63.7 | 54.7 | 55.9 | 61.3 | 54.5 | 56.7 | 56.4 | 58.3 | 56.4 | 52.6 | 54.8 | 57.7 |
| 8 | 57.8 | 60.8 | 52.8 | 54.1 | 60.4 | 51.9 | 54.4 | 52.8 | 56.8 | 54.0 | 51.0 | 52.2 | 55.2 |
| 9 | 57.1 | 60.4 | 41.8 | 46.2 | 59.3 | 59.3 | 59.2 | 55.9 | 71.3 | 56.5 | 51.8 | 53.1 | 48.1 |
| 10 | 56.9 | 60.4 | 47.1 | 48.3 | 58.7 | 56.7 | 60.0 | 56.9 | 73.4 | 58.8 | 52.6 | 54.5 | 49.6 |
| 11 | 57.4 | 60.6 | 46.3 | 49.3 | 58.1 | 56.7 | 60.2 | 57.1 | 71.0 | 60.4 | 52.8 | 55.1 | 52.3 |
| 12 | 57.3 | 61.0 | 45.7 | 55.0 | 58.2 | 56.0 | 59.7 | 56.1 | 71.0 | 56.3 | 53.2 | 54.3 | 52.6 |
| 13 | 57.4 | 61.1 | 50.7 | 58.3 | 57.8 | 55.9 | 59.8 | 57.0 | 60.5 | 59.0 | 53.6 | 53.5 | 50.3 |
| 14 | 57.2 | 60.0 | 47.5 | 51.3 | 57.0 | 55.4 | 58.9 | 56.0 | 58.9 | 56.6 | 52.2 | 54.6 | 51.1 |
| 15 | 56.7 | 60.4 | 47.1 | 46.9 | 58.1 | 56.2 | 58.8 | 55.3 | 59.5 | 56.4 | 51.5 | 52.3 | 51.5 |
| 16 | 57.6 | 60.8 | 50.9 | 44.0 | 59.5 | 55.9 | 56.0 | 51.8 | 57.4 | 53.9 | 49.2 | 50.4 | 49.7 |
| 17 | 57.1 | 61.0 | 48.2 | 47.9 | 59.2 | 54.4 | 58.4 | 55.8 | 58.3 | 56.1 | 51.7 | 53.5 | 49.3 |
| 18 | 56.4 | 60.3 | 48.1 | 45.9 | 58.5 | 55.5 | 58.8 | 55.5 | 59.6 | 56.6 | 51.5 | 52.9 | 46.1 |
| 19 | 56.1 | 60.8 | 48.5 | 52.4 | 59.0 | 53.7 | 58.1 | 54.3 | 57.6 | 54.6 | 49.9 | 51.6 | 46.1 |
| 20 | 58.0 | 62.3 | 52.0 | 47.3 | 59.5 | 56.7 | 59.9 | 56.7 | 59.8 | 57.3 | 52.4 | 54.4 | 49.7 |
| 21 | 57.9 | 63.0 | 53.4 | 49.0 | 60.0 | 56.8 | 60.3 | 58.0 | 60.1 | 58.2 | 53.8 | 55.1 | 50.6 |
| 22 | 56.7 | 61.1 | 49.3 | 45.3 | 59.5 | 56.6 | 60.4 | 57.1 | 60.6 | 57.9 | 53.4 | 54.3 | 51.3 |
| 23 | 57.1 | 60.8 | 48.2 | 45.0 | 60.0 | 55.6 | 59.7 | 56.1 | 59.5 | 57.1 | 52.2 | 53.5 | 47.8 |
| 24 | 56.7 | 60.9 | 50.7 | 46.3 | 59.6 | 56.4 | 60.2 | 57.3 | 60.4 | 58.2 | 53.8 | 54.8 | 50.1 |
| 25 | 57.1 | 61.0 | 44.3 | 48.2 | 60.3 | 55.9 | 59.9 | 56.2 | 59.4 | 57.0 | 53.1 | 54.1 | 47.8 |
| 26 | 57.8 | 61.4 | 47.5 | 53.7 | 59.8 | 56.9 | 60.8 | 58.6 | 61.2 | 59.0 | 54.6 | 55.5 | 49.9 |
| 27 | 58.0 | 61.7 | 46.9 | 48.1 | 60.1 | 57.7 | 61.0 | 57.5 | 60.7 | 58.2 | 54.3 | 55.0 | 50.2 |
| 28 | 58.9 | 62.5 | 45.5 | 51.4 | 60.4 | 57.5 | 61.0 | 57.9 | 61.0 | 58.5 | 53.9 | 55.2 | 50.3 |
| 29 | 58.2 | 61.4 | 49.1 | 49.7 | 60.0 | 57.1 | 60.6 | 57.5 | 60.5 | 58.3 | 53.6 | 54.9 | 52.8 |
| 30 | 57.4 | 61.0 | 45.3 | 49.0 | 60.0 | 56.1 | 60.1 | 56.8 | 64.3 | 57.4 | 52.2 | 54.2 | 49.0 |
| 31 | 57.3 | 62.5 | 50.1 | 49.0 | 60.0 | 57.0 | 60.4 | 57.5 | 68.9 | 58.3 | 54.5 | 55.2 | 50.9 |
| Average | 57.6 | 61.3 | 49.6 | 51.5 | 59.3 | 56.3 | 59.5 | 56.5 | 64.8 | 57.3 | 52.7 | 54.1 | 51.6 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |

**Table 5 – Daily Community Noise Equivalent Level (CNEL) Values – September 2020**

| Day | Remote Monitoring Terminal (RMT) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 101 | 102 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 |
| 1 | 58.9 | 62.5 | 48.3 | 49.0 | 60.1 | 56.8 | 60.5 | 57.0 | 59.9 | 58.1 | * | 54.8 | 49.3 |
| 2 | 57.3 | 62.6 | 46.0 | 54.2 | 59.9 | 56.8 | 60.5 | 57.2 | 60.0 | 57.8 | * | 54.8 | 50.1 |
| 3 | 59.1 | 63.6 | 50.6 | 48.2 | 61.9 | 57.9 | 60.8 | 57.1 | 60.6 | 57.7 | * | 53.9 | 51.6 |
| 4 | 58.7 | 62.3 | 52.0 | 49.3 | 60.2 | 56.1 | 59.9 | 56.8 | 59.9 | 57.8 | * | 53.4 | 50.4 |
| 5 | 55.3 | 58.8 | 52.9 | 48.4 | 57.3 | 55.2 | 59.2 | 55.8 | 58.8 | 56.7 | * | 52.9 | 45.1 |
| 6 | 55.2 | 58.7 | 49.2 | 49.2 | 57.1 | 50.1 | 55.0 | 52.7 | 55.2 | 52.8 | * | 48.3 | 47.8 |
| 7 | 55.5 | 59.4 | 51.5 | 50.8 | 44.0 | 50.3 | 55.5 | 52.9 | 55.5 | 53.0 | * | 49.1 | 47.9 |
| 8 | 56.1 | 60.8 | 46.1 | 45.6 | * | 53.7 | 57.9 | 54.5 | 57.4 | 56.1 | * | 52.8 | 46.7 |
| 9 | 57.9 | 62.9 | 52.7 | 55.6 | * | 53.3 | 56.7 | 57.2 | 58.3 | 57.4 | * | 52.0 | 55.0 |
| 10 | 57.5 | 62.3 | 50.9 | 44.7 | 61.1 | 55.9 | 59.7 | 58.0 | 60.4 | 58.3 | 56.0 | 54.4 | 49.0 |
| 11 | 58.2 | 62.5 | 51.3 | 49.9 | 61.0 | 55.7 | 59.2 | 56.9 | 59.5 | 57.6 | 53.2 | 53.5 | 46.5 |
| 12 | 56.8 | 61.0 | 44.5 | 47.0 | 60.5 | 54.3 | 58.0 | 55.2 | 58.5 | 56.0 | 51.4 | 51.8 | 48.3 |
| 13 | 57.5 | 60.5 | 46.4 | 47.2 | 60.8 | 55.0 | 59.5 | 57.1 | 59.4 | 57.8 | 54.2 | 53.3 | 47.1 |
| 14 | 56.8 | 60.8 | 46.8 | 49.7 | 60.7 | 53.9 | 58.2 | 54.9 | 58.0 | 56.0 | 55.3 | 52.1 | 46.2 |
| 15 | 58.6 | 61.9 | 51.7 | 50.4 | 60.5 | 54.8 | 42.7 | 56.4 | 62.7 | 56.4 | 53.0 | 54.0 | 54.0 |
| 16 | 57.8 | 61.9 | 46.8 | 55.0 | 60.9 | 56.6 | * | 56.9 | 59.6 | 57.5 | 58.2 | 54.4 | 47.6 |
| 17 | 57.7 | 61.1 | 48.7 | 50.6 | 60.8 | 56.0 | * | 56.6 | 66.3 | 57.1 | 53.0 | 53.8 | 50.3 |
| 18 | 58.4 | 61.0 | 45.5 | 48.7 | 60.7 | 56.1 | 57.9 | 56.2 | 58.8 | 56.8 | 53.1 | 53.9 | 49.0 |
| 19 | 56.9 | 60.0 | 52.7 | 47.9 | 59.7 | 55.7 | 59.6 | 56.2 | 58.6 | 56.6 | 74.3 | 53.9 | 48.9 |
| 20 | 56.4 | 59.5 | 44.1 | 50.8 | 61.8 | 54.6 | 58.4 | 55.2 | 58.1 | 56.1 | * | 52.5 | 45.7 |
| 21 | 57.0 | 59.9 | 51.8 | 49.0 | 59.6 | 55.9 | 59.2 | 56.4 | 59.2 | 57.1 | * | 54.2 | 51.4 |
| 22 | 57.3 | 60.8 | 53.4 | 51.3 | 60.0 | 56.1 | 59.4 | 55.8 | 58.7 | 57.0 | 53.3 | 53.3 | 51.0 |
| 23 | 58.2 | 63.1 | 48.4 | 53.2 | 61.2 | 56.0 | 59.5 | 55.8 | 58.7 | 56.5 | 54.5 | 54.8 | 52.7 |
| 24 | 57.8 | 60.7 | 48.0 | 46.4 | 59.7 | 54.9 | 58.9 | 56.7 | 58.9 | 56.9 | 51.4 | 53.6 | 52.4 |
| 25 | 58.7 | 61.3 | 49.4 | 51.2 | 60.6 | 56.5 | 59.8 | 57.6 | 59.3 | 57.4 | * | 55.3 | 51.6 |
| 26 | 59.0 | 60.0 | 51.8 | 50.5 | 60.1 | 55.3 | 58.8 | 55.7 | 58.8 | 55.7 | * | 52.9 | 51.8 |
| 27 | 56.1 | 59.2 | 48.3 | 52.5 | 60.3 | 54.3 | 58.3 | 55.4 | 63.5 | 55.8 | * | 52.3 | 45.3 |
| 28 | 56.3 | 59.3 | 53.3 | 52.4 | 58.9 | 53.7 | 58.2 | 55.0 | 64.1 | 55.6 | * | 52.8 | 48.1 |
| 29 | 56.6 | 59.8 | 44.1 | 50.6 | 58.8 | 55.0 | 59.3 | 55.8 | 58.6 | 57.5 | * | 53.0 | 49.9 |
| 30 | 57.7 | 60.0 | 48.1 | 53.4 | 60.6 | 53.3 | 57.9 | 55.0 | 57.6 | 55.4 | * | 51.4 | 45.4 |
| Average | 57.5 | 61.0 | 50.0 | 50.9 | 60.1 | 55.3 | 58.8 | 56.2 | 60.1 | 56.8 | 63.7 | 53.3 | 50.0 |
| # of Days | 30 | 30 | 30 | 30 | 28 | 30 | 28 | 30 | 30 | 30 | 13 | 30 | 30 |

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**Table 6 – Monthly Community Noise Equivalent Level (CNEL) Values**

| Month, Year | Remote Monitoring Terminal (RMT) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 101 | 102 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 |
| October, 2019 | 62.9 | 66.7 | 60.1 | 61.0 | 65.4 | 62.4 | 65.3 | 62.3 | 65.4 | 63.3 | 59.2 | 60.1 | 57.1 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| November, 2019 | 63.1 | 67.1 | 60.5 | 61.0 | 65.8 | 62.7 | 65.8 | 63.0 | 66.5 | 64.5 | 60.7 | 60.7 | 60.2 |
| # of Days | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| December, 2019 | 63.5 | 67.8 | 61.2 | 62.2 | 66.6 | 62.3 | 64.9 | 63.1 | 67.2 | 65.2 | 62.1 | 59.9 | 62.9 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| 4th Quarter 2019 | 63.2 | 67.2 | 60.6 | 61.4 | 65.9 | 62.5 | 65.3 | 62.8 | 66.4 | 64.4 | 60.8 | 60.2 | 60.7 |
| # of Days | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| January, 2020 | 63.2 | 67.9 | 60.4 | 61.0 | 66.2 | 62.5 | 65.5 | 62.7 | 65.9 | 63.9 | 60.3 | 60.4 | 60.1 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| February, 2020 | 62.6 | 67.0 | 59.2 | 60.6 | 65.3 | 62.0 | 65.0 | 61.9 | 64.9 | 63.0 | 58.9 | 59.9 | 56.6 |
| # of Days | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| March, 2020 | 61.6 | 65.3 | 57.5 | 59.7 | 64.6 | 60.5 | 63.3 | 60.8 | 64.3 | 62.1 | 58.9 | 58.2 | 58.5 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| 1st Quarter 2020 | 62.5 | 66.8 | 59.2 | 60.5 | 65.4 | 61.8 | 64.7 | 61.9 | 65.1 | 63.1 | 59.4 | 59.6 | 58.6 |
| # of Days | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| April, 2020 | 55.8 | 58.8 | 49.9 | 52.7 | 57.8 | 54.2 | 57.1 | 54.1 | 56.7 | 54.1 | 50.8 | 51.5 | 51.9 |
| # of Days | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| May, 2020 | 54.6 | 58.1 | 48.7 | 49.6 | 57.3 | 52.3 | 55.1 | 52.5 | 55.8 | 53.3 | 49.9 | 50.1 | 52.0 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| June, 2020 | 56.8 | 60.8 | 49.7 | 50.9 | 58.8 | 54.6 | 57.2 | 54.6 | 57.4 | 55.0 | 51.2 | 52.2 | 53.0 |
| # of Days | 30 | 27 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 2nd Quarter 2020 | 55.8 | 59.4 | 49.5 | 51.3 | 58.0 | 53.8 | 56.5 | 53.8 | 56.7 | 54.2 | 50.7 | 51.3 | 52.3 |
| # of Days | 91 | 88 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| July, 2020 | 58.1 | 61.5 | 51.1 | 52.5 | 59.5 | 55.3 | 58.8 | 56.0 | 61.1 | 56.5 | 52.5 | 53.3 | 54.4 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| August, 2020 | 57.6 | 61.3 | 49.6 | 51.5 | 59.3 | 56.3 | 59.5 | 56.5 | 64.8 | 57.3 | 52.7 | 54.1 | 51.6 |
| # of Days | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| September, 2020 | 57.5 | 61.0 | 50.0 | 50.9 | 60.1 | 55.3 | 58.8 | 56.2 | 60.1 | 56.8 | 63.7 | 53.3 | 50.0 |
| # of Days | 30 | 30 | 30 | 30 | 28 | 30 | 28 | 30 | 30 | 30 | 13 | 30 | 30 |
| 3rd Quarter 2020 | 57.7 | 61.3 | 50.3 | 51.7 | 59.7 | 55.6 | 59.0 | 56.2 | 62.5 | 56.9 | 59.5 | 53.6 | 52.4 |
| # of Days | 92 | 92 | 92 | 92 | 90 | 92 | 90 | 92 | 92 | 92 | 75 | 92 | 92 |
| Annual | 60.8 | 64.3 | 57.4 | 58.4 | 63.5 | 59.9 | 62.4 | 60.1 | 63.9 | 61.4 | 58.9 | 57.7 | 57.5 |
| # of Days | 366 | 363 | 366 | 366 | 364 | 366 | 364 | 366 | 366 | 366 | 349 | 366 | 366 |
| Online Percentage | 100% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 96% | 100% | 100% |

**Table 7 – Annual Community Noise Equivalent Level (CNEL) Values**

| RMT # | Remote Monitoring Terminal (RMT) | | | |
|---|---|---|---|---|
| | 3rd Quarter 2020 | 2nd Quarter 2020 | 1st Quarter 2020 | 4th Quarter 2019 |
| 101 | 57.7 | 55.8 | 62.5 | 63.2 |
| 102 | 61.3 | 59.4 | 66.8 | 67.2 |
| 104 | 50.3 | 49.5 | 59.2 | 60.6 |
| 105 | 51.7 | 51.3 | 60.5 | 61.4 |
| 106 | 59.7 | 58.0 | 65.4 | 65.9 |
| 107 | 55.6 | 53.8 | 61.8 | 62.5 |
| 108 | 59.0 | 56.5 | 64.7 | 65.3 |
| 109 | 56.2 | 53.8 | 61.9 | 62.8 |
| 110 | 62.5 | 56.7 | 65.1 | 66.4 |
| 111 | 56.9 | 54.2 | 63.1 | 64.4 |
| 112 | 59.5 | 50.7 | 59.4 | 60.8 |
| 114 | 53.6 | 51.3 | 59.6 | 60.2 |
| 115 | 52.4 | 52.3 | 58.6 | 60.7 |