NOISE IMPACT ANALYSIS

BRAWLEY SOLAR ENERGY FACILITY PROJECT

IMPERIAL COUNTY

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Project No. 21014

July 14, 2021

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ACRONYMS AND ABBREVIATIONS

ANSI	American National Standards Institute
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
County	County of Imperial
CNEL	Community Noise Equivalent Level
dB	Decibel
dBA	A-weighted decibels
DOT	Department of Transportation
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
EPA	Environmental Protection Agency
Hz	Hertz
Ldn	Day-night average noise level
Leq	Equivalent sound level
Lmax	Maximum noise level
ONAC	Federal Office of Noise Abatement and Control
OSB	Oriented Strand Board
OSHA	Occupational Safety and Health Administration
PPV	Peak particle velocity
RMS	Root mean square
SEL	Single Event Level or Sound Exposure Level
STC	Sound Transmission Class
UMTA	Federal Urban Mass Transit Administration
VdB	Vibration velocity level in decibels

1.0 EXECUTIVE SUMMARY

1.1 Purpose of Analysis and Study Objectives

This Noise Impact Analysis has been prepared to determine the noise impacts associated with the proposed Brawley Solar Energy Facility Project (proposed project). The following is provided in this report:

- A description of the study area and the proposed project;
- Information regarding the fundamentals of noise;
- Information regarding the fundamentals of vibration;
- A description of the local noise guidelines and standards;
- An evaluation of the current noise environment;
- An analysis of the potential short-term construction-related noise impacts from the proposed project; and,
- An analysis of long-term operations-related noise impacts from the proposed project.

1.2 Site Location and Study Area

The project site is located in the County of Imperial (County). The approximately 225-acre project site is currently alfalfa fields within different levels of harvest and is bounded by undeveloped agricultural land to the north and to the east, undeveloped agricultural land and dirt lots used for staging actives to the south, and City of Brawley Wastewater Treatment Plan to the west. The Union Pacific Railroad (UPRR runs through the western portion of the project site in a generally north-south direction. The project study area is shown in Figure 1.

Sensitive Receptors in Project Vicinity

The nearest sensitive receptor to the project site is a single-family home located as near as 40 feet to the north side of the project site (near the northwest corner of the project site). There are also homes located on the east side of Best Avenue that are as near as 120 feet east of the project site. The nearest school is Brawley Union High School and Desert Valley High School, which is located as near as 2.7 miles south of the project site and Barbara Worth Junior High School, which is located as near as 2.8 miles south of the project site.

1.3 Proposed Project Description

The proposed project would consist of development of solar energy facility located at 5003 Best Ave, Brawley. The Brawley solar energy facility includes a 40 Megawatt (MW)/160 Megawatt hour (MWh) photovoltaic (PV) solar farm and 40 MW/160 MWh battery energy storage system (BESS). The BESS will be located on the south side of the project site, approximately in the middle of the project site and the proposed transformers will be located on the west side of the BESS. The BESS will be located on a concrete pad and will consist of 12 banks of enclosures, totaling up to 432 enclosures. Each bank of batteries will be supported by a DC Combiner, control panel and inverter/transformer skid.

Power generated by the proposed project would be low voltage direct current (DC) power that would be collected and routed to a series of inverters and their associated pad-mounted transformers. The inverters

would convert the DC power generated by the panels to alternating current (AC) power and the pad mounted transformers would step up the voltage. The Project would connect to the North Brawley Geothermal Power Plant substation southwest of the Project site via an approximately 1.6-mile-long aboveground 92 kilovolt (kV) generation tie line (gen-tie line). Energy generated and stored by the project will be sold to the wholesale market or retail electric providers in furtherance of the goals of the California Renewable Energy Portfolio Standards and other similar renewable programs in the Pacific Southwest power market. The proposed site plan is shown in Figure 2.

1.4 Standard Noise Regulatory Conditions

The proposed project will be required to comply with the following regulatory conditions from the County of Imperial and State of California.

County of Imperial Noise Regulations

The following lists the noise/land use compatibility standards from the Noise Element of the General Plan that are applicable, but not limited to the proposed project.

- Property Line Noise Standards
- Construction Noise Standards

State of California Noise Regulations

The following lists the State of California noise regulations that are applicable, but not limited to the proposed project.

- California Vehicle Code Section 2700-27207 – On Road Vehicle Noise Limits
- California Vehicle Code Section 38365-38350 – Off-Road Vehicle Noise Limits

1.5 Summary of Analysis Results

The following is a summary of the proposed project's impacts with regard to the State CEQA Guidelines noise checklist questions.

Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less than significant impact.

Generation of excessive groundborne vibration or groundborne noise levels?

Less than significant impact.

For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No impact.

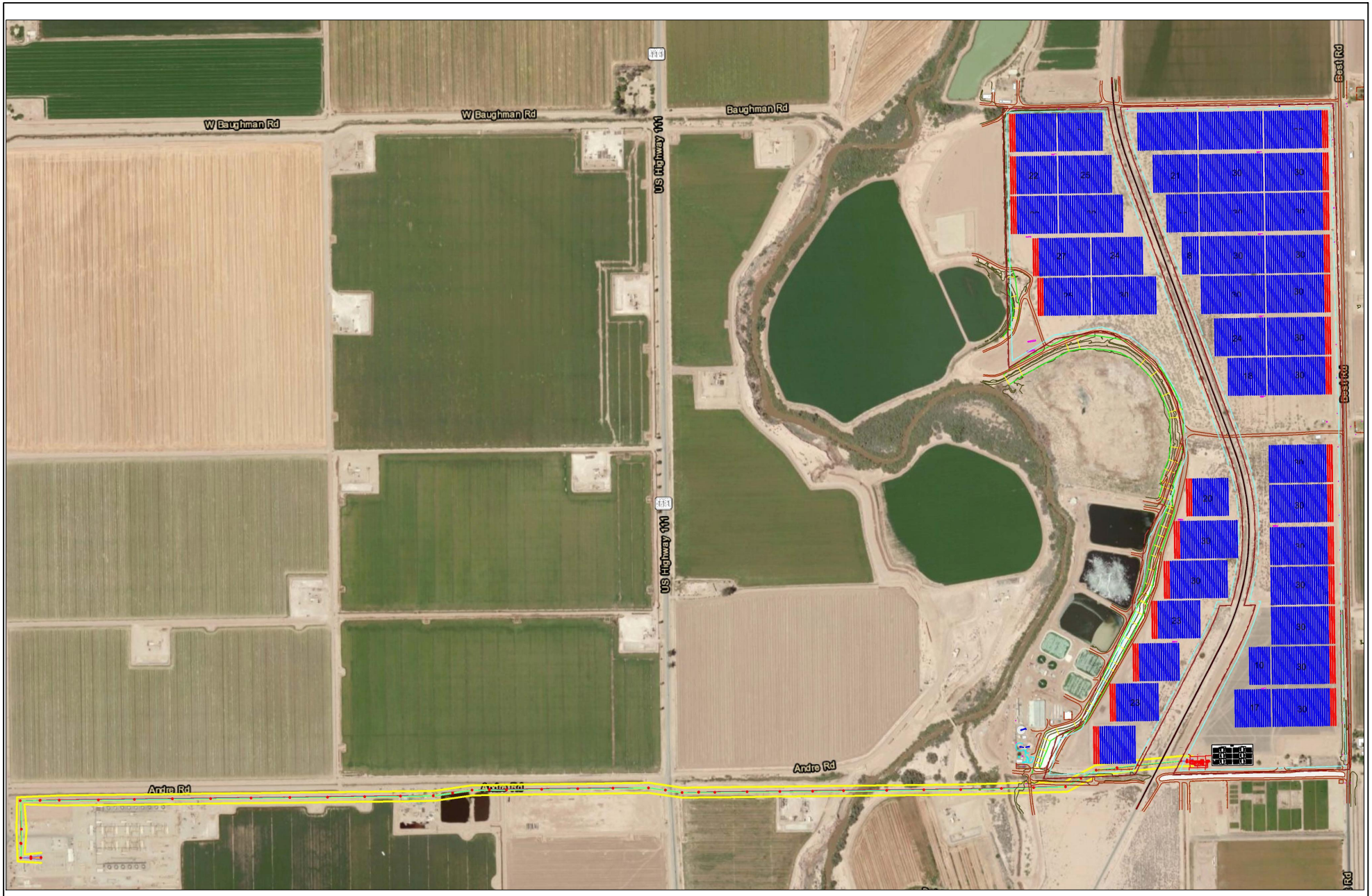
1.6 Mitigation Measures for the Proposed Project

This analysis found that through adherence to the noise and vibration regulations detailed in Section 1.4 above, all noise and vibration impacts would be reduced to less than significant levels and no mitigation is required.

SOURCE: Google Maps.

VISTA ENVIRONMENTAL

Figure 1
Project Location Map



SOURCE: McKently Malak Architecture.

VISTA ENVIRONMENTAL

Figure 2
Proposed Site Plan

2.0 NOISE FUNDAMENTALS

Noise is defined as unwanted sound. Sound becomes unwanted when it interferes with normal activities, when it causes actual physical harm or when it has adverse effects on health. Sound is produced by the vibration of sound pressure waves in the air. Sound pressure levels are used to measure the intensity of sound and are described in terms of decibels. The decibel (dB) is a logarithmic unit which expresses the ratio of the sound pressure level being measured to a standard reference level. A-weighted decibels (dBA) approximate the subjective response of the human ear to a broad frequency noise source by discriminating against very low and very high frequencies of the audible spectrum. They are adjusted to reflect only those frequencies which are audible to the human ear.

2.1 Noise Descriptors

Noise Equivalent sound levels are not measured directly, but are calculated from sound pressure levels typically measured in A-weighted decibels (dBA). The equivalent sound level (Leq) represents a steady state sound level containing the same total energy as a time varying signal over a given sample period. The worst-hour traffic Leq, which is usually the peak traffic hour is the noise metric used by California Department of Transportation (Caltrans) for all traffic noise impact analyses.

The Day-Night Average Level (Ldn) is the weighted average of the intensity of a sound, with corrections for time of day, and averaged over 24 hours. The time of day corrections require the addition of ten decibels to sound levels at night between 10 p.m. and 7 a.m. The Community Noise Equivalent Level (CNEL) is similar to the Ldn, except that it has an added 4.77 decibels to sound levels during the evening hours between 7 p.m. and 10 p.m. These additions are made to the sound levels at these time periods because during the evening and nighttime hours, when compared to daytime hours, there is a decrease in the ambient noise levels, which creates an increased sensitivity to sounds. For this reason the sound appears louder in the evening and nighttime hours and is weighted accordingly. The County of Imperial also relies on the CNEL noise standard to assess transportation-related impacts on noise sensitive land uses.

2.2 Tone Noise

A pure tone noise is a noise produced at a single frequency and laboratory tests have shown that humans are more perceptible to changes in noise levels of a pure tone. For a noise source to contain a “pure tone,” there must be a significantly higher A-weighted sound energy in a given frequency band than in the neighboring bands, thereby causing the noise source to “stand out” against other noise sources. A pure tone occurs if the sound pressure level in the one-third octave band with the tone exceeds the average of the sound pressure levels of the two contiguous one-third octave bands by:

- 5 dB for center frequencies of 500 hertz (Hz) and above
- 8 dB for center frequencies between 160 and 400 Hz
- 15 dB for center frequencies of 125 Hz or less

2.3 Noise Propagation

From the noise source to the receiver, noise changes both in level and frequency spectrum. The most obvious is the decrease in noise as the distance from the source increases. The manner in which noise reduces with distance depends on whether the source is a point or line source as well as ground absorption, atmospheric effects and refraction, and shielding by natural and manmade features. Sound

from point sources, such as air conditioning condensers, radiate uniformly outward as it travels away from the source in a spherical pattern. The noise drop-off rate associated with this geometric spreading is 6 dBA per each doubling of the distance (dBA/DD) between source and receiver. Transportation noise sources such as roadways are typically analyzed as line sources, since at any given moment the receiver may be impacted by noise from multiple vehicles at various locations along the roadway. Because of the geometry of a line source, the noise drop-off rate associated with the geometric spreading of a line source is 3 dBA/DD.

2.4 Ground Absorption

The sound drop-off rate is highly dependent on the conditions of the land between the noise source and receiver. To account for this ground-effect attenuation (absorption), two types of site conditions are commonly used in traffic noise models, soft-site and hard-site conditions. Soft-site conditions account for the sound propagation loss over natural surfaces such as normal earth and ground vegetation. For point sources, a drop-off rate of 7.5 dBA/DD is typically observed over soft ground with landscaping, as compared with a 6.0 dBA/DD drop-off rate over hard ground such as asphalt, concrete, stone and very hard packed earth. For line sources a 4.5 dBA/DD is typically observed for soft-site conditions compared to the 3.0 dBA/DD drop-off rate for hard-site conditions. Caltrans research has shown that the use of soft-site conditions is more appropriate for the application of the Federal Highway Administration (FHWA) traffic noise prediction model used in this analysis as most ground surfaces between the source and receptor will provide some noise absorption.

3.0 GROUND-BORNE VIBRATION FUNDAMENTALS

Ground-borne vibrations consist of rapidly fluctuating motions within the ground that have an average motion of zero. The effects of ground-borne vibrations typically only cause a nuisance to people, but at extreme vibration levels damage to buildings may occur. Although ground-borne vibration can be felt outdoors, it is typically only an annoyance to people indoors where the associated effects of the shaking of a building can be notable. Ground-borne noise is an effect of ground-borne vibration and only exists indoors, since it is produced from noise radiated from the motion of the walls and floors of a room and may also consist of the rattling of windows or dishes on shelves.

3.1 Vibration Descriptors

There are several different methods that are used to quantify vibration amplitude such as the maximum instantaneous peak in the vibrations velocity, which is known as the peak particle velocity (PPV) or the root mean square (rms) amplitude of the vibration velocity. Due to the typically small amplitudes of vibrations, vibration velocity is often expressed in decibels and is denoted as (L_v) and is based on the rms velocity amplitude. A commonly used abbreviation is vibration decibels (VdB), which in this text, is when L_v is based on the reference quantity of 1 micro inch per second.

3.2 Vibration Perception

Typically, developed areas are continuously affected by vibration velocities of 50 VdB or lower. These continuous vibrations are not noticeable to humans whose threshold of perception is around 65 VdB. Off-site sources that may produce perceptible vibrations are usually caused by construction equipment, steel-wheeled trains, and traffic on rough roads, while smooth roads rarely produce perceptible ground-borne noise or vibration.

3.3 Vibration Propagation

The propagation of ground-borne vibration is not as simple to model as airborne noise. This is due to the fact that noise in the air travels through a relatively uniform median, while ground-borne vibrations travel through the earth which may contain significant geological differences. There are three main types of vibration propagation; surface, compression, and shear waves. Surface waves, or Rayleigh waves, travel along the ground's surface. These waves carry most of their energy along an expanding circular wave front, similar to ripples produced by throwing a rock into a pool of water. P-waves, or compression waves, are body waves that carry their energy along an expanding spherical wave front. The particle motion in these waves is longitudinal (i.e., in a "push-pull" fashion). P-waves are analogous to airborne sound waves. S-waves, or shear waves, are also body waves that carry energy along an expanding spherical wave front. However, unlike P-waves, the particle motion is transverse or "side-to-side and perpendicular to the direction of propagation."

As vibration waves propagate from a source, the vibration energy decreases in a logarithmic nature and the vibration levels typically decrease by 6 VdB per doubling of the distance from the vibration source. As stated above, this drop-off rate can vary greatly depending on the soil but has been shown to be effective enough for screening purposes, in order to identify potential vibration impacts that may need to be studied through actual field tests.

4.0 REGULATORY SETTING

The project site is located in the County of Imperial. Noise regulations are addressed through the efforts of various federal, state, and local government agencies. The agencies responsible for regulating noise are discussed below.

4.1 Federal Regulations

The adverse impact of noise was officially recognized by the federal government in the Noise Control Act of 1972, which serves three purposes:

- Promulgating noise emission standards for interstate commerce
- Assisting state and local abatement efforts
- Promoting noise education and research

The Federal Office of Noise Abatement and Control (ONAC) was initially tasked with implementing the Noise Control Act. However, the ONAC has since been eliminated, leaving the development of federal noise policies and programs to other federal agencies and interagency committees. For example, the Occupational Safety and Health Administration (OSHA) agency prohibits exposure of workers to excessive sound levels. The Department of Transportation (DOT) assumed a significant role in noise control through its various operating agencies. The Federal Aviation Administration (FAA) regulates noise of aircraft and airports. Surface transportation system noise is regulated by a host of agencies, including the Federal Transit Administration (FTA). Transit noise is regulated by the federal Urban Mass Transit Administration (UMTA), while freeways that are part of the interstate highway system are regulated by the Federal Highway Administration (FHWA). Finally, the federal government actively advocates that local jurisdictions use their land use regulatory authority to arrange new development in such a way that "noise sensitive" uses are either prohibited from being sited adjacent to a highway or, alternately that the developments are planned and constructed in such a manner that potential noise impacts are minimized.

Although the proposed project is not under the jurisdiction of the FTA, the FTA is the only agency that has defined what constitutes a significant noise impact from implementing a project. The FTA standards are based on extensive studies by the FTA and other governmental agencies on the human effects and reaction to noise and a summary of the FTA findings are provided below in Table A.

Table A – FTA Project Effects on Cumulative Noise Exposure

Existing Noise Exposure (dBA Leq or Ldn)	Allowable Noise Impact Exposure dBA Leq or Ldn		
	Project Only	Combined	Noise Exposure Increase
45	51	52	+7
50	53	55	+5
55	55	58	+3
60	57	62	+2
65	60	66	+1
70	64	71	+1
75	65	75	0

Source: Federal Transit Administration, 2018.

Since the federal government has preempted the setting of standards for noise levels that can be emitted by transportation sources, the City is restricted to regulating noise generated by the transportation system through nuisance abatement ordinances and land use planning.

4.2 State Regulations

Noise Standards

California Department of Health Services Office of Noise Control

Established in 1973, the California Department of Health Services Office of Noise Control (ONC) was instrumental in developing regularity tools to control and abate noise for use by local agencies. One significant model is the "Land Use Compatibility for Community Noise Environments Matrix," which allows the local jurisdiction to clearly delineate compatibility of sensitive uses with various incremental levels of noise.

California Noise Insulation Standards

Title 24, Chapter 1, Article 4 of the California Administrative Code (California Noise Insulation Standards) requires noise insulation in new hotels, motels, apartment houses, and dwellings (other than single-family detached housing) that provides an annual average noise level of no more than 45 dBA CNEL. When such structures are located within a 60-dBA CNEL (or greater) noise contour, an acoustical analysis is required to ensure that interior levels do not exceed the 45-dBA CNEL annual threshold. In addition, Title 21, Chapter 6, Article 1 of the California Administrative Code requires that all habitable rooms, hospitals, convalescent homes, and places of worship shall have an interior CNEL of 45 dB or less due to aircraft noise.

Government Code Section 65302

Government Code Section 65302 mandates that the legislative body of each county and city in California adopt a noise element as part of its comprehensive general plan. The local noise element must recognize the land use compatibility guidelines published by the State Department of Health Services. The guidelines rank noise land use compatibility in terms of normally acceptable, conditionally acceptable, normally unacceptable, and clearly unacceptable.

Vibration Standards

Title 14 of the California Administrative Code Section 15000 requires that all state and local agencies implement the California Environmental Quality Act (CEQA) Guidelines, which requires the analysis of exposure of persons to excessive groundborne vibration. However, no statute has been adopted by the state that quantifies the level at which excessive groundborne vibration occurs.

Caltrans issued the *Transportation- and Construction-Induced Vibration Guidance Manual* in 2004. The manual provides practical guidance to Caltrans engineers, planners, and consultants who must address vibration issues associated with the construction, operation, and maintenance of Caltrans projects. However, this manual is also used as a reference point by many lead agencies and CEQA practitioners throughout California, as it provides numeric thresholds for vibration impacts. Thresholds are established for continuous (construction-related) and transient (transportation-related) sources of vibration, which found that the human response becomes distinctly perceptible at 0.25 inch per second PPV for transient sources and 0.04 inch per second PPV for continuous sources.

4.3 Local Regulations

The County of Imperial General Plan and Municipal Code establishes the following applicable policies related to noise and vibration.

County of Imperial General Plan Noise Element

The General Plan Noise Element provides the following noise standards:

1. Interior Noise Standards

The California Noise Insulation Standards, California Code of Regulations Title 24, establishes a maximum interior noise level, with windows closed, of 45 dB CNEL, due to exterior sources. This requirement is applicable to new hotels, motels, apartment houses and dwellings other than detached single-family dwellings.

The County of Imperial hereby establishes the following additional interior noise standards to be considered in acoustical analyses.

- The interior noise standard for detached single family dwellings shall be 45 dB CNEL.
- The interior noise standard for schools, libraries, offices and other noise sensitive areas where the occupancy is normally only in the day time, shall be 50 dB averaged over a one-hour period (Leq(1)).

2. Property Line Noise Standards

The Property Line Noise Limits listed in Table 9 shall apply to noise generation from one property to an adjacent property. The standards imply the existence of a sensitive receptor on the adjacent, or receiving, property. In the absence of a sensitive receptor, an exception or variance to the standards may be appropriate. These standards do not apply to construction noise.

These standards are intended to be enforced through the County's code enforcement program on the basis of complaints received from persons impacted by excessive noise. It must be acknowledged that a noise nuisance may occur even though an objective measurement with a sound level meter is not available. In such cases, the County may act to restrict disturbing, excessive, or offensive noise which causes discomfort or annoyance to reasonable persons of normal sensitivity residing in an area.

Table B – County of Imperial Property Line Noise Limits

Zone	Time	Applicable Limit One-hour Average Sound Level (Decibels)
Residential Zones	7 a.m. to 10 p.m.	50
	10 p.m. to 7 a.m.	45
Multi-Residential Zones	7 a.m. to 10 p.m.	55
	10 p.m. to 7 a.m.	50
Commercial Zones	7 a.m. to 10 p.m.	60
	10 p.m. to 7 a.m.	55
Light Industrial/Industrial Park Zones	Anytime	70
General Industrial Zones	Anytime	75

Note: When the noise-generating property and the receiving property have different uses, the more restrictive standard shall apply. When the ambient noise level is equal to or exceeds the Property Line noise standard, the increase of the existing or proposed noise shall not exceed 3 dB Leq.
Source: County of Imperial, 2015.

3. Construction Noise Standards

Construction noise, from a single piece of equipment or a combination of equipment, shall not exceed 75 dB Leq, when averaged over an eight (8) hour period, and measured at the nearest sensitive receptor. This standard assumes a construction period, relative to an individual sensitive receptor of days or weeks. In cases of extended length construction times, the standard may be tightened so as not to exceed 75 dB Leq when averaged over a one (1) hour period.

Construction equipment operation shall be limited to the hours of 7 a.m. to 7 p.m., Monday through Friday, and 9 a.m. to 5 p.m. Saturday. No commercial construction operations are permitted on Sunday or holidays. In cases of a person constructing or modifying a residence for himself/herself, and if the work is not being performed as a business, construction equipment operations may be performed on Sundays and holidays between the hours of 9 a.m. and 5 p.m. Such non-commercial construction activities may be further restricted where disturbing, excessive, or offensive noise causes discomfort or annoyance to reasonable persons of normal sensitivity residing in an area.

4. Significant Increase of Ambient Noise Levels

The increase of noise levels generally results in an adverse impact to the noise environment. The Noise/Land Use Compatibility Guidelines are not intended to allow the increase of ambient noise levels up to the maximum without consideration of feasible noise reduction measures. The following guidelines are established by the County of Imperial for the evaluation of significant noise impact.

a. If the future noise level after the project is completed will be within the "normally acceptable" noise levels shown in the Noise/Land Use Compatibility Guidelines, but will result in an increase of 5 dB CNEL or greater, the project will have a potentially significant noise impact and mitigation measures must be considered.

b. If the future noise level after the project is completed will be greater than the "normally acceptable" noise levels shown in the Noise/Land Use Compatibility Guidelines, a noise increase of 3 dB CNEL or greater shall be considered a potentially significant noise impact and mitigation measures must be considered.

The following applicable goals, objectives, and policies to the proposed project are from the Noise Element of the General Plan.

Goal 1: Provide an acceptable noise environment for existing and future residents in Imperial County.

Objective 1.3 Control noise levels at the source where feasible.

Objective 1.4 Coordinate with airport operators to ensure operations are in conformance with approved Airport Land Use Compatibility Plans

Goal 2: Review proposed projects for noise impacts and require design which will provide acceptable indoor and outdoor noise environments.

Objective 2.3 Work with project proponents to utilize site planning, architectural design, construction, and noise barriers to reduce noise impacts as projects as proposed.

Policy 1: Acoustical Analysis of Proposed Projects

The County shall require the analysis of proposed discretionary projects which may generate excessive noise or which may be impacted by existing excessive noise levels, including but not limited to the following:

- An analysis shall be required for any project which would be located, all or in part, in a Noise Impact Zone as specified above.
- An analysis shall be required for any project which has the potential to generate noise in excess of the Property Line Noise Limits stated in Table 9 (see Table B).
- An analysis shall be required for any project which, although not located in a Noise Impact Zone, has the potential to result in a significant increase in noise levels to sensitive receptors in the community.

An acoustical analysis and report shall be prepared by a person deemed qualified by the Director of Planning. The report shall describe the existing noise environment, the proposed project, the projected noise impact and, if required, the proposed mitigation to ensure conformance with applicable standards.

County of Imperial Municipal Code

The County of Imperial Municipal Code establishes the following applicable standards related to noise.

90702.00 – Sound level limits

A. It is unlawful for any person to cause noise by any means to the extent that the applicable one-hour average sound level set out in the following table (see Table C) is exceeded, at any location in the county of Imperial on or beyond the boundaries of the property on which the noise is produced.

Table C – County of Imperial Municipal Code Sound Level Limits

Land Use Zone	Time of Day	One Hour Average Sound Level (decibels)
1. Residential:	7 a.m. to 10 p.m.	50
All R-1	10 p.m. to 7 a.m.	45
2. Residential:	7 a.m. to 10 p.m.	55
All R-2	10 p.m. to 7 a.m.	50
3. Residential:	7 a.m. to 10 p.m.	55
R-3, R-4 & all Other Residential	10 p.m. to 7 a.m.	50
4. All commercial	7 a.m. to 10 p.m.	60
	10 p.m. to 7 a.m.	55
5. Manufacturing, all other industrial, including agricultural & extraction industry	Anytime	70
6. General industrial	Anytime	75

Source: County of Imperial, 2015.

B. The sound level limit between two zoning districts (different land uses) shall be measured at the property line between the properties.

C. Fixed-location public utility distribution or transmission facilities located on or adjacent to a property line shall be subject to the noise level limits of subsection A of this section, measured at or beyond six feet from the boundary of the easement upon which the equipment is located.

5.0 EXISTING NOISE CONDITIONS

To determine the existing noise levels, noise measurements have been taken in the vicinity of the project site. The field survey noted that noise within the proposed project area is generally characterized by vehicle traffic on Best Avenue, which is located adjacent to the east side of the project site as well as train noise from the UPRR that runs through the western portion of the project site. The following describes the measurement procedures, measurement locations, noise measurement results, and the modeling of the existing noise environment.

5.1 Noise Measurement Equipment

The noise measurements were taken using three Larson Davis Model LXT1 Type 1 sound level meters programmed in "slow" mode to record the sound pressure level at 1-second intervals for 24 hours in "A" weighted form. In addition, the L_{eq} averaged over the entire measuring time and L_{max} were recorded with both sound level meters. The sound level meters and microphones were mounted on fences and power poles on the project site, in the vicinity of the nearby homes. The noise meters were mounted on fences and poles that were placed between four and six feet above the ground and were equipped with windscreens during all measurements. The noise meters were calibrated before and after the monitoring using a Larson Davis Cal200 calibrator. All noise level measurement equipment meets American National Standards Institute specifications for sound level meters (S1.4-1983 identified in Chapter 19.68.020.AA).

Noise Measurement Locations

The noise monitoring locations were selected in order to obtain the existing noise levels on the project site, in the vicinity of the nearby homes. Descriptions of the noise monitoring sites are provided below in Table D and are shown in Figure 3. Appendix A includes a photo index of the study area and noise level measurement locations.

Noise Measurement Timing and Climate

The noise measurements were recorded between 12:48 p.m. on Thursday, April, 22, 2021 and 1:09 p.m. on Friday, April 23, 2021. At the start of the noise measurements, the sky was clear (no clouds), the temperature was 80 degrees Fahrenheit, the humidity was 45 percent, barometric pressure was 29.89 inches of mercury, and the wind was blowing around four miles per hour. Overnight, the temperature dropped to 53 degrees Fahrenheit. At the conclusion of the noise measurements, the sky was hazy, the temperature was 82 degrees Fahrenheit, the humidity was 23 percent, barometric pressure was 29.99 inches of mercury, and the wind was blowing around seven miles per hour.

5.2 Noise Measurement Results

The results of the noise level measurements are presented in Table D. The measured sound pressure levels in dBA have been used to calculate the minimum and maximum L_{eq} averaged over 1-hour intervals. Table D also shows the L_{eq}, L_{max}, and CNEL, based on the entire measurement time. The noise monitoring data printouts are included in Appendix B. Figure 4 shows a graph of the 24-hour noise measurements.

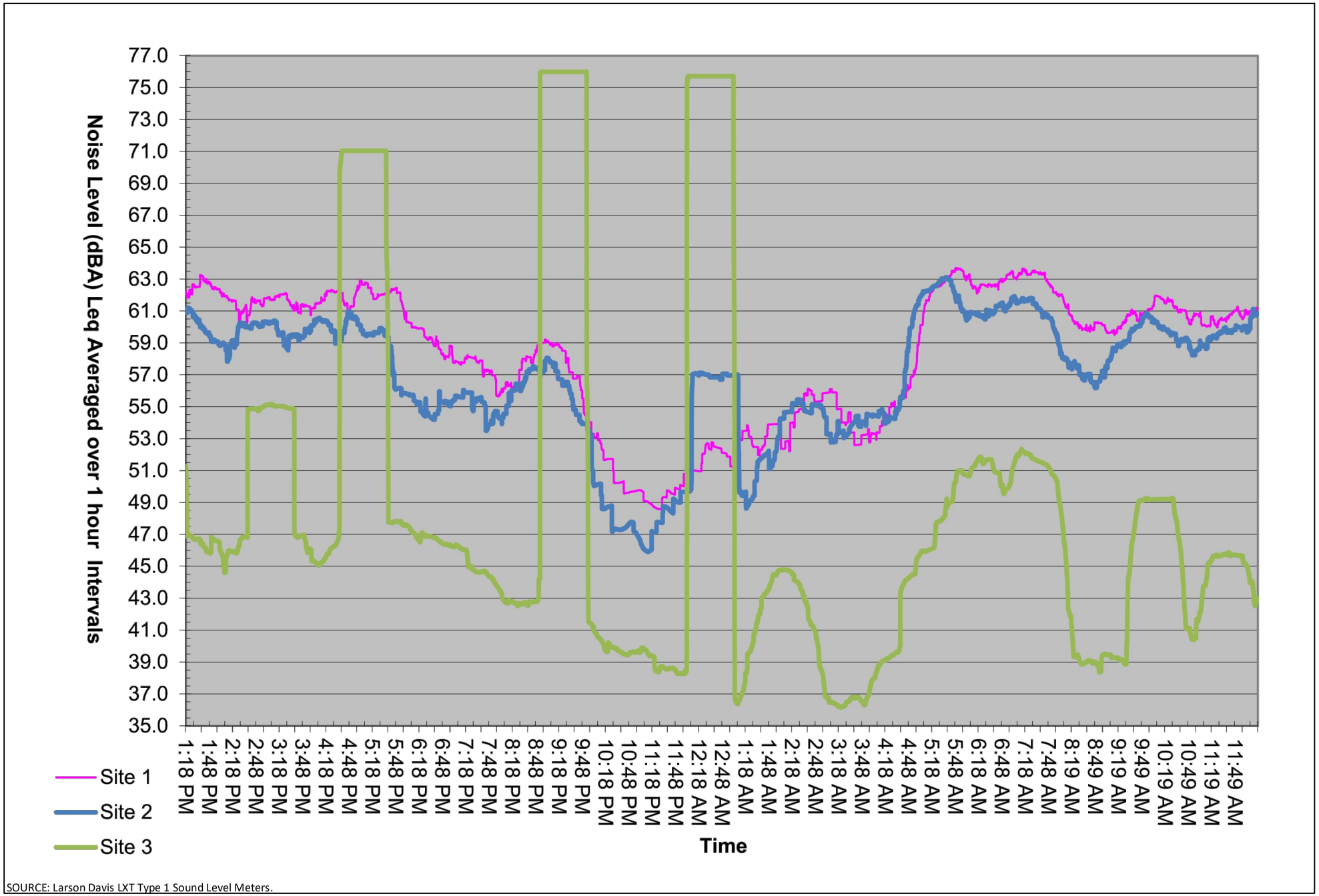
Table D – Existing (Ambient) Noise Level Measurements

Site No.	Site Description	Average (dBA L_{eq})		1-hr Average (dBA L_{eq}/Time)		Average (dBA CNEL)
		Daytime[1]	Nighttime[2]	Minimum	Maximum	
1	Located near the southeast corner of the project site, on a power pole, approximately 55 feet west of Best Avenue centerline.	62.0	56.2	48.6 11:23 p.m.	63.7 5:49 a.m.	64.8
2	Located near the northeast corner of the project site, on a power pole, approximately 60 feet west of Best Avenue centerline.	60.2	55.6	45.9 11:26 p.m.	63.1 5:50 a.m.	63.9
3	Located near the northwest corner of the project site, on a fence, approximately 115 feet west of the BNSF Railroad.	66.5	64.9	36.1 3:42 a.m.	76.0 9:16 p.m.	73.3

Notes:
[1] Daytime is defined as 7:00 a.m. to 10:00 p.m. (Section 90702.00(A) of the Municipal Code)
[2] Nighttime define as 10:00 p.m. to 7:00 a.m. (Section 90702.00(A) of the Municipal Code)
Source: Noise measurements taken between Thursday, April 22 and Friday, April 23, 2021.

VISTA ENVIRONMENTAL

Figure 3
Field Noise Monitoring Locations



SOURCE: Larson Davis LXT Type 1 Sound Level Meters.

VISTA ENVIRONMENTAL

Figure 4
Field Noise Measurements Graph

6.0 MODELING PARAMETERS AND ASSUMPTIONS

6.1 Construction Noise

The noise impacts from construction of the proposed project have been analyzed through use of the FHWA's Roadway Construction Noise Model (RCNM). The FHWA compiled noise measurement data regarding the noise generating characteristics of several different types of construction equipment used during the Central Artery/Tunnel project in Boston. Table E below provides a list of the construction equipment anticipated to be used for each phase of construction as detailed in *Air Quality, Energy, and Greenhouse Gas Emissions Impact Analysis Brawley Solar Energy Facility Project* (Air Quality Analysis), prepared by Vista Environmental, May 13, 2021.

Table E – Construction Equipment Noise Emissions and Usage Factors

Equipment Description	Number of Equipment	Acoustical Use Factor[1] (percent)	Spec 721.560 Lmax at 50 feet[2] (dBA, slow[3])	Actual Measured Lmax at 50 feet[4] (dBA, slow[3])
Site Preparation				
Bore/Drill Rig	2	20	84	79
Excavators	2	40	85	81
Rubber Tired Dozers	3	40	85	83
Tractors/Loaders/Backhoes	4	40	84	N/A
PV System Installation and Testing				
Aerial Lifts (Man Lift)	2	40	84	N/A
Air Compressor	1	40	80	78
Cranes	2	16	85	81
Forklifts (Gradall)	3	40	85	83
Generator Set	1	50	82	81
Graders	1	40	85	N/A
Off-Hwy Trucks (Flat Bed Truck)	2	40	84	74
Tractors/Loaders/Backhoes	3	40	84	N/A
Welders	1	40	73	74
Site Cleanup and Restoration				
Graders	2	40	85	N/A
Rubber Tired Dozers	2	40	85	83
Front End Loaders	2	40	80	79
Tractors/Loaders/Backhoes	2	40	84	N/A

Notes:
[1] Acoustical use factor is the percentage of time each piece of equipment is operational during a typical workday.
[2] Spec 721.560 is the equipment noise level utilized by the RCNM program.
[3] The "slow" response averages sound levels over 1-second increments. A "fast" response averages sound levels over 0.125-second increments.
[4] Actual Measured is the average noise level measured of each piece of equipment during the Central Artery/Tunnel project in Boston, Massachusetts primarily during the 1990s.
Source: Federal Highway Administration, 2006 and CalEEMod default equipment mix.

Table E also shows the associated measured noise emissions for each piece of equipment from the RCNM model and measured percentage of typical equipment use per day. Construction noise impacts to the nearby homes have been calculated according to the equipment noise levels and usage factors listed in

Table E and through use of the RCNM. For each phase of construction, all construction equipment was analyzed based on being placed in the middle of the project site, which is based on the analysis methodology detailed in FTA Manual for a General Assessment. However, in order to provide a conservative analysis, all equipment was analyzed, instead of just the two nosiest pieces of equipment as detailed in the FTA Manual.

6.2 Vibration

Construction activity can result in varying degrees of ground vibration, depending on the equipment used on the site. Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Buildings in the vicinity of the project site respond to these vibrations with varying results ranging from no perceptible effects at the low levels to slight damage to the structures at the highest levels. Table F gives approximate vibration levels for particular construction equipment that is provided by the FTA, however it should be noted that not all of these equipment types would be used during construction of the proposed project. The data in Table F provides a reasonable estimate for a wide range of soil conditions.

Table F – Vibration Source Levels for Construction Equipment

Equipment		Peak Particle Velocity (inches/second)	Approximate Vibration Level (L_v)at 25 feet
Pile driver (impact)	Upper range	1.518	112
	typical	0.644	104
Pile driver (sonic)	Upper range	0.734	105
	typical	0.170	93
Clam shovel drop (slurry wall)		0.202	94
Vibratory Roller		0.210	94
Hoe Ram		0.089	87
Large bulldozer		0.089	87
Caisson drill		0.089	87
Loaded trucks		0.076	86
Jackhammer		0.035	79
Small bulldozer		0.003	58

Source: Federal Transit Administration, 2018.

The construction-related vibration impacts have been calculated through the vibration levels shown above in Table F and through typical vibration propagation rates. The equipment assumptions were based on the equipment lists provided above in Table E.

7.0 IMPACT ANALYSIS

7.1 CEQA Thresholds of Significance

Consistent with the California Environmental Quality Act (CEQA) and the State CEQA Guidelines, a significant impact related to noise would occur if a proposed project is determined to result in:

- Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- Generation of excessive groundborne vibration or groundborne noise levels; or
- For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels.

7.2 Generation of Noise Levels in Excess of Standards

The proposed project would not generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. The following section calculates the potential noise emissions associated with the temporary construction activities and long-term operations of the proposed project and compares the noise levels to the City standards.

Construction-Related Noise

The construction activities for the proposed project are anticipated to include: 1) Site Preparation; 2) PV System Installation and Testing, and 3) Site Clean-up and Restoration. Noise impacts from construction activities associated with the proposed project would be a function of the noise generated by construction equipment, equipment location, sensitivity of nearby land uses, and the timing and duration of the construction activities. The nearest sensitive receptors to the project site are single-family homes located as near as 40 feet to the north side of the project site (near the northwest corner of the project site). There are also homes located on the east side of Best Avenue that are as near as 120 feet east of the project site

The General Plan Noise Element includes Construction Noise Standards that limits the noise created from construction equipment to 75 dB Leq, averaged over an eight (8) hour period at the nearest sensitive receptor. In addition, the Construction Noise Standards limit construction equipment operation to between the hours of 7 a.m. to 7 p.m., Monday through Friday, and 9 a.m. to 5 p.m. Saturday. No commercial construction operations are permitted on Sunday or holidays.

Construction noise impacts to the nearby sensitive receptors have been calculated through use of the RCNM and the parameters and assumptions detailed in Section 6.1 of this report including Table E – Construction Equipment Noise Emissions and Usage Factors. For each phase of construction, all construction equipment was analyzed based on being placed in the middle of the project site, which is based on the analysis methodology detailed in FTA Manual for a General Assessment. Since the County's construction noise standard is based on the noise level over an 8-hour period and in a typical day the proposed construction equipment would operate over the entire project site, the use of the methodology detailed in the FTA Manual for a General Assessment would provide a reasonable estimate of the

construction-related noise levels created by the proposed project. The results are shown below in Table G and the RCNM printouts are provided in Appendix D.

Table G – Construction Noise Levels at the Nearby Homes

Construction Phase	Construction Noise Level (dBA Leq) at:		
	Home to Northwest[1]	Home to Northeast[2]	Home to Southeast[3]
Site Preparation	52	52	52
PV System Installation and Testing	53	53	53
Site Clean-Up and Restoration	52	52	52
Construction Noise Threshold[4]	**75**	**75**	**75**
Ambient Daytime Noise Level	66.5	60.2	62.0
Exceed Thresholds?	**No**	**No**	**No**

[1] The distance from the center of the project site to the home to the northwest was measured at 2,900 feet.
[2] The distance from the center of the project site to the homes to the northeast was measured at 2,900 feet.
[3] The distance from the center of the project site to the home to the southeast was measured at 2,850 feet.
[4] Construction Noise Threshold obtained from the General Plan Noise Element (County of Imperial, 2015).
Source: RCNM, Federal Highway Administration, 2006

Table G shows that greatest construction noise impacts would be as high as 53 dBA Leq during the PV system installation and testing phase at the nearest homes to the northwest, northeast, and southeast of the project site. All calculated construction noise levels shown in Table G are within the City's construction noise standard of 75 dBA and would also be below the existing ambient daytime noise levels in the vicinity of the nearby homes. Therefore, through adherence to the limitation of allowable construction times provided in the General Plan Noise Element, construction-related noise levels would not exceed any standards established in the General Plan or Noise Ordinance nor would construction activities create a substantial temporary increase in ambient noise levels from construction of the proposed project. Impacts would be less than significant.

Operational-Related Noise

The proposed project would consist of the development of a solar facility with a BESS and a substation. Since the proposed project would be operated on an unstaffed basis and monitored remotely from the Brawley Geothermal Power Plant control room, operation of the proposed project would not typically generate any additional vehicle traffic on the nearby roadways. As such, potential noise impacts associated with the operations of the proposed project would be limited to onsite noise sources. The proposed PV solar panels do not create any operational noise, however the proposed BESS Enclosures (AC Unit noise), Power Conversion System (PCS), Power Distribution Center (PDC) that would be located at the BESS, and auxiliary transformers, and Battery Step Up Transformer that would be located at the proposed substation are known sources of noise that have been analyzed below.

Both the General Plan Noise Element and Section 90702.00 provide the same noise level limits at the property line of the nearby homes of 50 dBA Leq-1hour between 7 a.m. and 10 p.m. and 45 dBA Leq-1hour between 10 p.m. and 7 a.m.. When the ambient noise level is equal to or exceeds the above noise standards, the proposed noise source shall not exceed the ambient plus 3 dB Leq.

In order to determine the noise impacts from the operation of onsite noise making equipment, noise specifications from previously prepared noise reports were obtained and are shown in Table H. The noise levels from each source were calculated through use of standard geometric spreading of noise from a

point source with a drop-off rate of 6 dB for each doubling of the distance between the source and receiver.

Table H – Operational Noise Levels at the Nearby Homes

Noise Source	Home to Northwest		Home to Northeast		Home to Southeast	
	Distance - Source to Home (feet)	Noise Level[1] (dBA Leq)	Distance - Source to Home (feet)	Noise Level[1] (dBA Leq)	Distance - Source to Home (feet)	Noise Level[1] (dBA Leq)
BESS Enclosures[2]	5,050	25	5,100	25	850	40
Power Conversion System[3]	5,050	22	5,100	22	850	38
Power Distribution Center[4]	5,050	22	5,100	22	850	38
Auxiliary Transformers[5]	5,030	31	5,280	31	1,150	44
Battery Step up Transformer[6]	5,030	31	5,280	31	850	47
Combined Noise Levels		**35**		**35**		**50**
County Noise Standard[7] (day/night)		**69.5/67.9**		**63.2/58.6**		**65.0/59.2**
Exceed County Noise Standards?		**No/No**		**No/No**		**No/No**

Notes:
[1] The noise levels were calculated through use of standard geometric spreading of noise from a point source with a drop-off rate of 6 dB for each doubling of the distance between the source and receiver.
[2] BESS Enclosures is based on a reference noise measurement of 88.6 dBA at 1 meter.
[3] Power Conversion System is based on a reference noise measurement of 86.1 dBA at 1 meter.
[4] Power Distribution Center is based on a reference noise measurement of 86.1 dBA at 1 meter.
[5] Auxiliary Transformers are based on a reference noise measurement of 95.1 dBA at 1 meter.
[6] Battery Step up Transformer is based on a reference noise measurement of 95.1 dBA at 1 meter.
[7] County Noise Standard based on ambient noise level shown in Table D plus 3 dB at the nearby homes.

Table H shows that the proposed project's onsite operational noise from the anticipated onsite noise sources would not exceed the applicable noise standards at the nearby homes. Therefore, operational onsite noise impacts would be less than significant

Level of Significance

Less than significant impact.

7.3 Generation of Excessive Groundborne Vibration

The proposed project would not expose persons to or generation of excessive groundborne vibration or groundborne noise levels. The following section analyzes the potential vibration impacts associated with the construction and operations of the proposed project.

Construction-Related Vibration Impacts

The construction activities for the proposed project are anticipated to include: 1) Site Preparation; 2) PV System Installation and Testing, and 3) Site Clean-up and Restoration. Vibration impacts from construction activities associated with the proposed project would typically be created from the operation of heavy off-road equipment. The nearest sensitive receptor to the project site is a single-family home located as near as 40 feet to the north side of the project site (near the northwest corner of the project site).

Since neither the Municipal Code nor the General Plan provides any thresholds related to vibration, Caltrans guidance that is detailed above in Section 4.2 has been utilized, which defines the threshold of perception from transient sources at 0.25 inch per second PPV.

The primary source of vibration during construction would be from the operation of a bulldozer. From Table F above a large bulldozer would create a vibration level of 0.089 inch per second PPV at 25 feet. Based on typical propagation rates, the vibration level at the nearest home (40 feet away) would be 0.06 inch per second PPV. The vibration level at the nearest home, would be below the 0.25 inch per second PPV threshold detailed above. Impacts would be less than significant.

Operations-Related Vibration Impacts

The proposed project would consist of the operation of a solar energy facility. The on-going operation of the proposed project would not include the operation of any known vibration sources. Therefore, a less than significant vibration impact is anticipated from the operation of the proposed project.

Level of Significance

Less than significant impact.

7.4 Aircraft Noise

The proposed project would not expose people residing or working in the project area to excessive noise levels from aircraft. The nearest airport is Brawley Municipal Airport that is located as near as 1.5 mile south of the project site. The project site is located outside of the 60 dBA CNEL noise contours of Brawley Municipal Airport and no sensitive receptors would be introduced to the project site through implementation of the proposed project. No impact would occur from aircraft noise.

Level of Significance

No impact would occur.

8.0 REFERENCES

California Department of Transportation, *2016 Annual Average Daily Truck Traffic on the California State Highway System*, 2018.

California Department of Transportation (Caltrans), *Technical Noise Supplement to the Traffic Noise Analytics Protocol*, September 2013.

California Department of Transportation, *Transportation- and Construction-Induced Vibration Guidance Manual*, September 2013.

County of Imperial, *Noise Element County of Imperial General Plan*, October 6, 2015.

County of Imperial, *County of Imperial, California Codified Ordinances*, 2020.

Federal Transit Administration, *Transit Noise and Vibration Impact Assessment,* September 2018.

U.S. Department of Transportation, *FHWA Roadway Construction Noise Model User's Guide,* January, 2006.

Vista Environmental, *Air Quality, Energy, and Greenhouse Gas Emissions Impact Analysis Brawley Solar Energy Facility Project,* May 13, 2021.

APPENDIX A

Field Noise Measurements Photo Index

Noise Measurement Site 1 - looking north

Noise Measurement Site 1 - looking northeast

Noise Measurement Site 1 - looking east

Noise Measurement Site 1 - looking southeast

Noise Measurement Site 1 - looking south

Noise Measurement Site 1 - looking southwest

Noise Measurement Site 1 - looking west

Noise Measurement Site 1 - looking northwest

Noise Measurement Site 2 - looking north

Noise Measurement Site 2 - looking northeast

Noise Measurement Site 2 - looking east

Noise Measurement Site 2 - looking southeast

Noise Measurement Site 2 - looking south

Noise Measurement Site 2 - looking southwest

Noise Measurement Site 2 - looking west

Noise Measurement Site 2 - looking northwest

Noise Measurement Site 3 - looking north

Noise Measurement Site 3 - looking northeast

Noise Measurement Site 3 - looking east

Noise Measurement Site 3 - looking southeast

Noise Measurement Site 3 - looking south

Noise Measurement Site 3 - looking southwest

Noise Measurement Site 3 - looking west

Noise Measurement Site 3 - looking northwest

APPENDIX B

Field Noise Measurements Printouts

Site 1 - Near Southeast Corner of Project Site

April 22, 2021 12:48:22 PM Leq Daytime = 62.0
ampling Time = 1 s Freq Weighting=A Leq Nighttime = 56.2
Record Num = 86402 CNEL(24hr)= 64.8
Leq = 59.9 Ldn(24hr)= 64.6
Min = 39.5 Min Leq hr at 11:23 PM 48.6
Max = 85.7 Max Leq hr at 5:49 AM 63.7

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
57.7	12:48:22		57.7	57.7
65.7	12:48:23		65.7	65.7
69.3	12:48:24		69.3	69.3
70.1	12:48:25		70.1	70.1
68.6	12:48:26		68.6	68.6
67.5	12:48:27		67.5	67.5
64.6	12:48:28		64.6	64.6
64.6	12:48:29		64.6	64.6
61.4	12:48:30		61.4	61.4
58.2	12:48:31		58.2	58.2
57.0	12:48:32		57.0	57.0
63.2	12:48:33		63.2	63.2
63.4	12:48:34		63.4	63.4
69.1	12:48:35		69.1	69.1
64.9	12:48:36		64.9	64.9
60.7	12:48:37		60.7	60.7
56.7	12:48:38		56.7	56.7
55.7	12:48:39		55.7	55.7
53.5	12:48:40		53.5	53.5
52.2	12:48:41		52.2	52.2
52.7	12:48:42		52.7	52.7
54.3	12:48:43		54.3	54.3
65.1	12:48:44		65.1	65.1
63.1	12:48:45		63.1	63.1
61.1	12:48:46		61.1	61.1
59.6	12:48:47		59.6	59.6
59.1	12:48:48		59.1	59.1
60.0	12:48:49		60.0	60.0
60.6	12:48:50		60.6	60.6
60.9	12:48:51		60.9	60.9
60.7	12:48:52		60.7	60.7
64.7	12:48:53		64.7	64.7
65.1	12:48:54		65.1	65.1
63.1	12:48:55		63.1	63.1
59.3	12:48:56		59.3	59.3
59.1	12:48:57		59.1	59.1
58.1	12:48:58		58.1	58.1
60.8	12:48:59		60.8	60.8
57.8	12:49:00		57.8	57.8
57.5	12:49:01		57.5	57.5
61.6	12:49:02		61.6	61.6
63.6	12:49:03		63.6	63.6
69.5	12:49:04		69.5	69.5
65.5	12:49:05		65.5	65.5
61.7	12:49:06		61.7	61.7
59.2	12:49:07		59.2	59.2
60.7	12:49:08		60.7	60.7
63.5	12:49:09		63.5	63.5
63.7	12:49:10		63.7	63.7
67.1	12:49:11		67.1	67.1
67.4	12:49:12		67.4	67.4
64.6	12:49:13		64.6	64.6
61.7	12:49:14		61.7	61.7
63.2	12:49:15		63.2	63.2
61.4	12:49:16		61.4	61.4
63.9	12:49:17		63.9	63.9
69.4	12:49:18		69.4	69.4
68.0	12:49:19		68.0	68.0
68.4	12:49:20		68.4	68.4
64.3	12:49:21		64.3	64.3
60.7	12:49:22		60.7	60.7
67.8	12:49:23		67.8	67.8
63.2	12:49:24		63.2	63.2
67.8	12:49:25		67.8	67.8
65.9	12:49:26		65.9	65.9
65.3	12:49:27		65.3	65.3
62.0	12:49:28		62.0	62.0
69.7	12:49:29		69.7	69.7
69.3	12:49:30		69.3	69.3
67.7	12:49:31		67.7	67.7
69.3	12:49:32		69.3	69.3
66.3	12:49:33		66.3	66.3
64.7	12:49:34		64.7	64.7
64.2	12:49:35		64.2	64.2
70.7	12:49:36		70.7	70.7
69.5	12:49:37		69.5	69.5
65.5	12:49:38		65.5	65.5
61.5	12:49:39		61.5	61.5
59.8	12:49:40		59.8	59.8
58.5	12:49:41		58.5	58.5
57.9	12:49:42		57.9	57.9
61.1	12:49:43		61.1	61.1
62.8	12:49:44		62.8	62.8
68.7	12:49:45		68.7	68.7
64.6	12:49:46		64.6	64.6
63.2	12:49:47		63.2	63.2
61.2	12:49:48		61.2	61.2
69.6	12:49:49		69.6	69.6
68.3	12:49:50		68.3	68.3
70.8	12:49:51		70.8	70.8
66.8	12:49:52		66.8	66.8
72.7	12:49:53		72.7	72.7
71.6	12:49:54		71.6	71.6
73.6	12:49:55		73.6	73.6
69.0	12:49:56		69.0	69.0
74.8	12:49:57		74.8	74.8
71.3	12:49:58		71.3	71.3
72.1	12:49:59		72.1	72.1
77.8	12:50:00		77.8	77.8
73.6	12:50:01		73.6	73.6
69.4	12:50:02		69.4	69.4
65.3	12:50:03		65.3	65.3
63.2	12:50:04		63.2	63.2
63.0	12:50:05		63.0	63.0
61.6	12:50:06		61.6	61.6
59.0	12:50:07		59.0	59.0
55.6	12:50:08		55.6	55.6
52.5	12:50:09		52.5	52.5
50.2	12:50:10		50.2	50.2
48.2	12:50:11		48.2	48.2
47.9	12:50:12		47.9	47.9
45.8	12:50:13		45.8	45.8
44.8	12:50:14		44.8	44.8
45.2	12:50:15		45.2	45.2
45.3	12:50:16		45.3	45.3
48.7	12:50:17		48.7	48.7
52.4	12:50:18		52.4	52.4
51.3	12:50:19		51.3	51.3
49.3	12:50:20		49.3	49.3
46.5	12:50:21		46.5	46.5
44.7	12:50:22		44.7	44.7
45.0	12:50:23		45.0	45.0
44.8	12:50:24		44.8	44.8
45.2	12:50:25		45.2	45.2
48.3	12:50:26		48.3	48.3
46.9	12:50:27		46.9	46.9
46.3	12:50:28		46.3	46.3
45.5	12:50:29		45.5	45.5
43.8	12:50:30		43.8	43.8
43.5	12:50:31		43.5	43.5
45.3	12:50:32		45.3	45.3
47.8	12:50:33		47.8	47.8
47.0	12:50:34		47.0	47.0
55.0	12:50:35		55.0	55.0
55.2	12:50:36		55.2	55.2
51.9	12:50:37		51.9	51.9
49.0	12:50:38		49.0	49.0
48.1	12:50:39		48.1	48.1
45.9	12:50:40		45.9	45.9
45.2	12:50:41		45.2	45.2
47.9	12:50:42		47.9	47.9
49.8	12:50:43		49.8	49.8
48.4	12:50:44		48.4	48.4
49.4	12:50:45		49.4	49.4
49.0	12:50:46		49.0	49.0
52.5	12:50:47		52.5	52.5
53.6	12:50:48		53.6	53.6
50.6	12:50:49		50.6	50.6
48.2	12:50:50		48.2	48.2
47.4	12:50:51		47.4	47.4
46.6	12:50:52		46.6	46.6
45.7	12:50:53		45.7	45.7
43.9	12:50:54		43.9	43.9
43.0	12:50:55		43.0	43.0
43.5	12:50:56		43.5	43.5
45.6	12:50:57		45.6	45.6
50.0	12:50:58		50.0	50.0
48.7	12:50:59		48.7	48.7
47.0	12:51:00		47.0	47.0
47.0	12:51:01		47.0	47.0
49.6	12:51:02		49.6	49.6
49.3	12:51:03		49.3	49.3
50.8	12:51:04		50.8	50.8
50.7	12:51:05		50.7	50.7
48.1	12:51:06		48.1	48.1
46.9	12:51:07		46.9	46.9
47.8	12:51:08		47.8	47.8
46.8	12:51:09		46.8	46.8
46.6	12:51:10		46.6	46.6
50.4	12:51:11		50.4	50.4

Site 2 - Near Northeast Corner of Project Site

April 22, 2021 1:02:45 PM Leq Daytime = 60.2
ampling Time = 1 s Freq Weighting=A Leq Nighttime = 55.6
Record Num = 86402 CNEL(24hr)= 63.9
Leq = 58.5 Ldn(24hr)= 63.7
Min = 39.6 Min Leq hr at 11:26 PM 45.9
Max = 84.6 Max Leq hr at 5:50 AM 63.1

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
62.5	13:02:45		62.5	62.5
69.0	13:02:46		69.0	69.0
64.9	13:02:47		64.9	64.9
67.9	13:02:48		67.9	67.9
64.5	13:02:49		64.5	64.5
62.9	13:02:50		62.9	62.9
68.9	13:02:51		68.9	68.9
65.5	13:02:52		65.5	65.5
63.7	13:02:53		63.7	63.7
61.7	13:02:54		61.7	61.7
59.4	13:02:55		59.4	59.4
64.0	13:02:56		64.0	64.0
64.8	13:02:57		64.8	64.8
66.0	13:02:58		66.0	66.0
65.9	13:02:59		65.9	65.9
62.7	13:03:00		62.7	62.7
60.0	13:03:01		60.0	60.0
67.1	13:03:02		67.1	67.1
64.3	13:03:03		64.3	64.3
62.0	13:03:04		62.0	62.0
60.4	13:03:05		60.4	60.4
60.7	13:03:06		60.7	60.7
59.5	13:03:07		59.5	59.5
58.5	13:03:08		58.5	58.5
57.7	13:03:09		57.7	57.7
57.3	13:03:10		57.3	57.3
57.4	13:03:11		57.4	57.4
61.3	13:03:12		61.3	61.3
67.5	13:03:13		67.5	67.5
63.5	13:03:14		63.5	63.5
60.2	13:03:15		60.2	60.2
59.9	13:03:16		59.9	59.9
57.9	13:03:17		57.9	57.9
56.9	13:03:18		56.9	56.9
58.5	13:03:19		58.5	58.5
62.5	13:03:20		62.5	62.5
61.1	13:03:21		61.1	61.1
58.4	13:03:22		58.4	58.4
57.8	13:03:23		57.8	57.8
57.3	13:03:24		57.3	57.3
57.9	13:03:25		57.9	57.9
60.9	13:03:26		60.9	60.9
62.3	13:03:27		62.3	62.3
59.1	13:03:28		59.1	59.1
57.7	13:03:29		57.7	57.7
56.9	13:03:30		56.9	56.9
55.1	13:03:31		55.1	55.1
59.6	13:03:32		59.6	59.6
62.9	13:03:33		62.9	62.9
61.8	13:03:34		61.8	61.8
63.6	13:03:35		63.6	63.6
62.2	13:03:36		62.2	62.2
65.6	13:03:37		65.6	65.6
66.3	13:03:38		66.3	66.3
63.9	13:03:39		63.9	63.9
63.2	13:03:40		63.2	63.2
63.4	13:03:41		63.4	63.4
60.4	13:03:42		60.4	60.4
57.9	13:03:43		57.9	57.9
56.3	13:03:44		56.3	56.3
56.0	13:03:45		56.0	56.0
56.9	13:03:46		56.9	56.9
57.4	13:03:47		57.4	57.4
55.7	13:03:48		55.7	55.7
56.9	13:03:49		56.9	56.9
56.7	13:03:50		56.7	56.7
55.4	13:03:51		55.4	55.4
56.2	13:03:52		56.2	56.2
55.6	13:03:53		55.6	55.6
55.9	13:03:54		55.9	55.9
57.3	13:03:55		57.3	57.3
57.6	13:03:56		57.6	57.6
58.3	13:03:57		58.3	58.3
59.7	13:03:58		59.7	59.7
62.4	13:03:59		62.4	62.4
60.6	13:04:00		60.6	60.6
64.0	13:04:01		64.0	64.0
67.0	13:04:02		67.0	67.0
65.1	13:04:03		65.1	65.1
62.7	13:04:04		62.7	62.7
60.0	13:04:05		60.0	60.0
61.9	13:04:06		61.9	61.9
64.4	13:04:07		64.4	64.4
65.2	13:04:08		65.2	65.2
62.9	13:04:09		62.9	62.9
61.0	13:04:10		61.0	61.0
59.4	13:04:11		59.4	59.4
59.6	13:04:12		59.6	59.6
58.7	13:04:13		58.7	58.7
58.0	13:04:14		58.0	58.0
59.7	13:04:15		59.7	59.7
59.1	13:04:16		59.1	59.1
57.6	13:04:17		57.6	57.6
66.1	13:04:18		66.1	66.1
63.2	13:04:19		63.2	63.2
59.8	13:04:20		59.8	59.8
56.9	13:04:21		56.9	56.9
55.2	13:04:22		55.2	55.2
54.0	13:04:23		54.0	54.0
53.7	13:04:24		53.7	53.7
52.7	13:04:25		52.7	52.7
52.8	13:04:26		52.8	52.8
52.3	13:04:27		52.3	52.3
52.6	13:04:28		52.6	52.6
53.8	13:04:29		53.8	53.8
53.7	13:04:30		53.7	53.7
53.4	13:04:31		53.4	53.4
63.8	13:04:32		63.8	63.8
61.5	13:04:33		61.5	61.5
58.6	13:04:34		58.6	58.6
55.6	13:04:35		55.6	55.6
54.3	13:04:36		54.3	54.3
55.2	13:04:37		55.2	55.2
54.6	13:04:38		54.6	54.6
53.6	13:04:39		53.6	53.6
53.5	13:04:40		53.5	53.5
53.1	13:04:41		53.1	53.1
52.6	13:04:42		52.6	52.6
51.9	13:04:43		51.9	51.9
53.0	13:04:44		53.0	53.0
54.5	13:04:45		54.5	54.5
54.0	13:04:46		54.0	54.0
53.4	13:04:47		53.4	53.4
53.2	13:04:48		53.2	53.2
51.8	13:04:49		51.8	51.8
51.2	13:04:50		51.2	51.2
52.2	13:04:51		52.2	52.2
53.7	13:04:52		53.7	53.7
53.2	13:04:53		53.2	53.2
52.4	13:04:54		52.4	52.4
52.3	13:04:55		52.3	52.3
53.4	13:04:56		53.4	53.4
52.6	13:04:57		52.6	52.6
52.9	13:04:58		52.9	52.9
53.7	13:04:59		53.7	53.7
53.8	13:05:00		53.8	53.8
54.2	13:05:01		54.2	54.2
54.6	13:05:02		54.6	54.6
53.5	13:05:03		53.5	53.5
51.9	13:05:04		51.9	51.9
50.8	13:05:05		50.8	50.8
51.2	13:05:06		51.2	51.2
52.3	13:05:07		52.3	52.3
52.6	13:05:08		52.6	52.6
52.7	13:05:09		52.7	52.7
53.1	13:05:10		53.1	53.1
53.0	13:05:11		53.0	53.0
54.0	13:05:12		54.0	54.0
54.5	13:05:13		54.5	54.5
53.8	13:05:14		53.8	53.8
54.3	13:05:15		54.3	54.3
54.4	13:05:16		54.4	54.4
53.0	13:05:17		53.0	53.0
52.8	13:05:18		52.8	52.8
52.3	13:05:19		52.3	52.3
52.0	13:05:20		52.0	52.0
57.5	13:05:21		57.5	57.5
62.9	13:05:22		62.9	62.9
65.3	13:05:23		65.3	65.3
63.7	13:05:24		63.7	63.7
63.7	13:05:25		63.7	63.7
63.0	13:05:26		63.0	63.0
61.5	13:05:27		61.5	61.5
59.9	13:05:28		59.9	59.9
58.0	13:05:29		58.0	58.0
57.1	13:05:30		57.1	57.1
56.6	13:05:31		56.6	56.6
55.6	13:05:32		55.6	55.6
54.6	13:05:33		54.6	54.6
54.3	13:05:34		54.3	54.3

Site 3 - Near Northwest Corner of Project Site

April 22, 2021 1:09:16 PM Leq Daytime = 66.5
ampling Time = 1 s Freq Weighting=A Leq Nighttime = 64.9
Record Num = 86402 CNEL(24hr)= 73.3
Leq = 65.8 Ldn(24hr)= 72.5
Min = 30.8 Min Leq hr at 3:42 AM 36.1
Max = 106.8 Max Leq hr at 9:16 PM 76.0

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
66.8	13:09:16		66.8	66.8
63.8	13:09:17		63.8	63.8
66.4	13:09:18		66.4	66.4
69.0	13:09:19		69.0	69.0
70.7	13:09:20		70.7	70.7
64.3	13:09:21		64.3	64.3
62.2	13:09:22		62.2	62.2
64.5	13:09:23		64.5	64.5
60.8	13:09:24		60.8	60.8
66.9	13:09:25		66.9	66.9
62.7	13:09:26		62.7	62.7
68.5	13:09:27		68.5	68.5
64.9	13:09:28		64.9	64.9
61.1	13:09:29		61.1	61.1
57.1	13:09:30		57.1	57.1
53.7	13:09:31		53.7	53.7
50.5	13:09:32		50.5	50.5
49.0	13:09:33		49.0	49.0
48.0	13:09:34		48.0	48.0
47.9	13:09:35		47.9	47.9
48.6	13:09:36		48.6	48.6
46.6	13:09:37		46.6	46.6
44.5	13:09:38		44.5	44.5
43.4	13:09:39		43.4	43.4
43.1	13:09:40		43.1	43.1
42.5	13:09:41		42.5	42.5
39.7	13:09:42		39.7	39.7
48.9	13:09:43		48.9	48.9
58.0	13:09:44		58.0	58.0
54.9	13:09:45		54.9	54.9
55.6	13:09:46		55.6	55.6
56.8	13:09:47		56.8	56.8
58.8	13:09:48		58.8	58.8
59.7	13:09:49		59.7	59.7
57.2	13:09:50		57.2	57.2
55.2	13:09:51		55.2	55.2
58.7	13:09:52		58.7	58.7
58.3	13:09:53		58.3	58.3
59.6	13:09:54		59.6	59.6
58.8	13:09:55		58.8	58.8
58.8	13:09:56		58.8	58.8
59.0	13:09:57		59.0	59.0
62.4	13:09:58		62.4	62.4
60.9	13:09:59		60.9	60.9
64.6	13:10:00		64.6	64.6
60.7	13:10:01		60.7	60.7
57.3	13:10:02		57.3	57.3
53.4	13:10:03		53.4	53.4
55.7	13:10:04		55.7	55.7
57.6	13:10:05		57.6	57.6
55.1	13:10:06		55.1	55.1
61.9	13:10:07		61.9	61.9
60.1	13:10:08		60.1	60.1
59.5	13:10:09		59.5	59.5
56.3	13:10:10		56.3	56.3
53.1	13:10:11		53.1	53.1
74.4	13:10:12		74.4	74.4
76.2	13:10:13		76.2	76.2
72.1	13:10:14		72.1	72.1
68.2	13:10:15		68.2	68.2
64.0	13:10:16		64.0	64.0
60.3	13:10:17		60.3	60.3
57.3	13:10:18		57.3	57.3
60.8	13:10:19		60.8	60.8
61.5	13:10:20		61.5	61.5
57.9	13:10:21		57.9	57.9
57.3	13:10:22		57.3	57.3
69.5	13:10:23		69.5	69.5
75.4	13:10:24		75.4	75.4
71.2	13:10:25		71.2	71.2
67.0	13:10:26		67.0	67.0
62.9	13:10:27		62.9	62.9
59.4	13:10:28		59.4	59.4
63.3	13:10:29		63.3	63.3
64.0	13:10:30		64.0	64.0
61.4	13:10:31		61.4	61.4
63.9	13:10:32		63.9	63.9
73.2	13:10:33		73.2	73.2
69.6	13:10:34		69.6	69.6
66.3	13:10:35		66.3	66.3
66.6	13:10:36		66.6	66.6
68.4	13:10:37		68.4	68.4
66.7	13:10:38		66.7	66.7
63.4	13:10:39		63.4	63.4
60.5	13:10:40		60.5	60.5
57.4	13:10:41		57.4	57.4
54.0	13:10:42		54.0	54.0
51.1	13:10:43		51.1	51.1
48.0	13:10:44		48.0	48.0
45.1	13:10:45		45.1	45.1
44.1	13:10:46		44.1	44.1
43.6	13:10:47		43.6	43.6
42.4	13:10:48		42.4	42.4
42.2	13:10:49		42.2	42.2
43.4	13:10:50		43.4	43.4
42.2	13:10:51		42.2	42.2
41.4	13:10:52		41.4	41.4
40.8	13:10:53		40.8	40.8
41.0	13:10:54		41.0	41.0
42.5	13:10:55		42.5	42.5
45.5	13:10:56		45.5	45.5
44.5	13:10:57		44.5	44.5
42.4	13:10:58		42.4	42.4
41.0	13:10:59		41.0	41.0
40.1	13:11:00		40.1	40.1
48.7	13:11:01		48.7	48.7
50.9	13:11:02		50.9	50.9
48.3	13:11:03		48.3	48.3
45.8	13:11:04		45.8	45.8
44.4	13:11:05		44.4	44.4
42.9	13:11:06		42.9	42.9
42.0	13:11:07		42.0	42.0
40.9	13:11:08		40.9	40.9
39.5	13:11:09		39.5	39.5
38.8	13:11:10		38.8	38.8
37.9	13:11:11		37.9	37.9
37.6	13:11:12		37.6	37.6
37.9	13:11:13		37.9	37.9
37.4	13:11:14		37.4	37.4
36.9	13:11:15		36.9	36.9
36.9	13:11:16		36.9	36.9
36.9	13:11:17		36.9	36.9
36.9	13:11:18		36.9	36.9
36.9	13:11:19		36.9	36.9
40.2	13:11:20		40.2	40.2
41.0	13:11:21		41.0	41.0
39.0	13:11:22		39.0	39.0
38.0	13:11:23		38.0	38.0
37.2	13:11:24		37.2	37.2
36.8	13:11:25		36.8	36.8
40.1	13:11:26		40.1	40.1
39.3	13:11:27		39.3	39.3
38.7	13:11:28		38.7	38.7
38.3	13:11:29		38.3	38.3
39.9	13:11:30		39.9	39.9
48.7	13:11:31		48.7	48.7
45.5	13:11:32		45.5	45.5
44.0	13:11:33		44.0	44.0
41.7	13:11:34		41.7	41.7
40.9	13:11:35		40.9	40.9
40.6	13:11:36		40.6	40.6
40.7	13:11:37		40.7	40.7
41.1	13:11:38		41.1	41.1
40.5	13:11:39		40.5	40.5
40.1	13:11:40		40.1	40.1
39.7	13:11:41		39.7	39.7
39.7	13:11:42		39.7	39.7
39.9	13:11:43		39.9	39.9
40.2	13:11:44		40.2	40.2
40.0	13:11:45		40.0	40.0
39.5	13:11:46		39.5	39.5
39.2	13:11:47		39.2	39.2
40.1	13:11:48		40.1	40.1
40.6	13:11:49		40.6	40.6
40.6	13:11:50		40.6	40.6
39.9	13:11:51		39.9	39.9
39.8	13:11:52		39.8	39.8
39.0	13:11:53		39.0	39.0
38.6	13:11:54		38.6	38.6
38.4	13:11:55		38.4	38.4
38.9	13:11:56		38.9	38.9
39.1	13:11:57		39.1	39.1
38.4	13:11:58		38.4	38.4
38.1	13:11:59		38.1	38.1
38.7	13:12:00		38.7	38.7
38.3	13:12:01		38.3	38.3
38.7	13:12:02		38.7	38.7
38.8	13:12:03		38.8	38.8
39.1	13:12:04		39.1	39.1
38.6	13:12:05		38.6	38.6

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
50.9	12:51:12		50.9	50.9
50.2	12:51:13		50.2	50.2
53.5	12:51:14		53.5	53.5
53.5	12:51:15		53.5	53.5
50.5	12:51:16		50.5	50.5
49.5	12:51:17		49.5	49.5
49.3	12:51:18		49.3	49.3
49.7	12:51:19		49.7	49.7
52.9	12:51:20		52.9	52.9
53.9	12:51:21		53.9	53.9
53.1	12:51:22		53.1	53.1
52.0	12:51:23		52.0	52.0
50.9	12:51:24		50.9	50.9
48.8	12:51:25		48.8	48.8
46.9	12:51:26		46.9	46.9
45.7	12:51:27		45.7	45.7
45.1	12:51:28		45.1	45.1
47.3	12:51:29		47.3	47.3
48.5	12:51:30		48.5	48.5
49.3	12:51:31		49.3	49.3
51.0	12:51:32		51.0	51.0
54.7	12:51:33		54.7	54.7
53.8	12:51:34		53.8	53.8
56.1	12:51:35		56.1	56.1
67.4	12:51:36		67.4	67.4
72.8	12:51:37		72.8	72.8
70.7	12:51:38		70.7	70.7
67.1	12:51:39		67.1	67.1
63.8	12:51:40		63.8	63.8
61.2	12:51:41		61.2	61.2
58.6	12:51:42		58.6	58.6
56.7	12:51:43		56.7	56.7
54.9	12:51:44		54.9	54.9
55.9	12:51:45		55.9	55.9
56.5	12:51:46		56.5	56.5
53.3	12:51:47		53.3	53.3
49.8	12:51:48		49.8	49.8
46.6	12:51:49		46.6	46.6
50.0	12:51:50		50.0	50.0
55.2	12:51:51		55.2	55.2
55.0	12:51:52		55.0	55.0
54.6	12:51:53		54.6	54.6
54.6	12:51:54		54.6	54.6
51.5	12:51:55		51.5	51.5
49.1	12:51:56		49.1	49.1
46.5	12:51:57		46.5	46.5
45.6	12:51:58		45.6	45.6
48.3	12:51:59		48.3	48.3
50.2	12:52:00		50.2	50.2
54.3	12:52:01		54.3	54.3
53.6	12:52:02		53.6	53.6
50.0	12:52:03		50.0	50.0
47.1	12:52:04		47.1	47.1
51.7	12:52:05		51.7	51.7
56.9	12:52:06		56.9	56.9
56.0	12:52:07		56.0	56.0
53.2	12:52:08		53.2	53.2
50.9	12:52:09		50.9	50.9
51.1	12:52:10		51.1	51.1
51.1	12:52:11		51.1	51.1
49.9	12:52:12		49.9	49.9
50.6	12:52:13		50.6	50.6
52.6	12:52:14		52.6	52.6
54.2	12:52:15		54.2	54.2
54.1	12:52:16		54.1	54.1
54.3	12:52:17		54.3	54.3
54.7	12:52:18		54.7	54.7
56.5	12:52:19		56.5	56.5
59.0	12:52:20		59.0	59.0
57.7	12:52:21		57.7	57.7
56.0	12:52:22		56.0	56.0
55.0	12:52:23		55.0	55.0
54.1	12:52:24		54.1	54.1
52.7	12:52:25		52.7	52.7
51.8	12:52:26		51.8	51.8
53.7	12:52:27		53.7	53.7
54.4	12:52:28		54.4	54.4
53.2	12:52:29		53.2	53.2
52.0	12:52:30		52.0	52.0
51.0	12:52:31		51.0	51.0
50.6	12:52:32		50.6	50.6
51.2	12:52:33		51.2	51.2
51.9	12:52:34		51.9	51.9
52.5	12:52:35		52.5	52.5
51.1	12:52:36		51.1	51.1
50.8	12:52:37		50.8	50.8
50.6	12:52:38		50.6	50.6
50.4	12:52:39		50.4	50.4
52.0	12:52:40		52.0	52.0
51.5	12:52:41		51.5	51.5
53.3	12:52:42		53.3	53.3
54.7	12:52:43		54.7	54.7
53.1	12:52:44		53.1	53.1
50.5	12:52:45		50.5	50.5
48.4	12:52:46		48.4	48.4
47.4	12:52:47		47.4	47.4
48.8	12:52:48		48.8	48.8
52.9	12:52:49		52.9	52.9
56.7	12:52:50		56.7	56.7
58.0	12:52:51		58.0	58.0
58.1	12:52:52		58.1	58.1
59.9	12:52:53		59.9	59.9
60.6	12:52:54		60.6	60.6
58.6	12:52:55		58.6	58.6
55.9	12:52:56		55.9	55.9
55.2	12:52:57		55.2	55.2
55.5	12:52:58		55.5	55.5
57.9	12:52:59		57.9	57.9
57.2	12:53:00		57.2	57.2
57.0	12:53:01		57.0	57.0
53.9	12:53:02		53.9	53.9
51.7	12:53:03		51.7	51.7
49.7	12:53:04		49.7	49.7
50.4	12:53:05		50.4	50.4
51.0	12:53:06		51.0	51.0
48.5	12:53:07		48.5	48.5
48.3	12:53:08		48.3	48.3
47.3	12:53:09		47.3	47.3
45.5	12:53:10		45.5	45.5
44.1	12:53:11		44.1	44.1
43.7	12:53:12		43.7	43.7
43.5	12:53:13		43.5	43.5
46.8	12:53:14		46.8	46.8
49.8	12:53:15		49.8	49.8
52.4	12:53:16		52.4	52.4
52.0	12:53:17		52.0	52.0
51.5	12:53:18		51.5	51.5
49.5	12:53:19		49.5	49.5
47.5	12:53:20		47.5	47.5
48.3	12:53:21		48.3	48.3
56.3	12:53:22		56.3	56.3
59.5	12:53:23		59.5	59.5
57.7	12:53:24		57.7	57.7
56.9	12:53:25		56.9	56.9
58.3	12:53:26		58.3	58.3
60.2	12:53:27		60.2	60.2
64.1	12:53:28		64.1	64.1
66.5	12:53:29		66.5	66.5
65.1	12:53:30		65.1	65.1
63.1	12:53:31		63.1	63.1
61.8	12:53:32		61.8	61.8
59.0	12:53:33		59.0	59.0
60.9	12:53:34		60.9	60.9
59.5	12:53:35		59.5	59.5
56.2	12:53:36		56.2	56.2
53.2	12:53:37		53.2	53.2
51.1	12:53:38		51.1	51.1
52.9	12:53:39		52.9	52.9
56.5	12:53:40		56.5	56.5
54.2	12:53:41		54.2	54.2
51.6	12:53:42		51.6	51.6
49.0	12:53:43		49.0	49.0
55.0	12:53:44		55.0	55.0
57.8	12:53:45		57.8	57.8
56.6	12:53:46		56.6	56.6
53.3	12:53:47		53.3	53.3
50.8	12:53:48		50.8	50.8
48.7	12:53:49		48.7	48.7
49.2	12:53:50		49.2	49.2
48.4	12:53:51		48.4	48.4
46.1	12:53:52		46.1	46.1
45.1	12:53:53		45.1	45.1
45.0	12:53:54		45.0	45.0
44.1	12:53:55		44.1	44.1
46.0	12:53:56		46.0	46.0
45.7	12:53:57		45.7	45.7
44.4	12:53:58		44.4	44.4
44.2	12:53:59		44.2	44.2
45.6	12:54:00		45.6	45.6
47.9	12:54:01		47.9	47.9
49.2	12:54:02		49.2	49.2
48.1	12:54:03		48.1	48.1
46.8	12:54:04		46.8	46.8
46.0	12:54:05		46.0	46.0
43.6	12:54:06		43.6	43.6
45.5	12:54:07		45.5	45.5
48.2	12:54:08		48.2	48.2
47.4	12:54:09		47.4	47.4
45.0	12:54:10		45.0	45.0
44.3	12:54:11		44.3	44.3
43.6	12:54:12		43.6	43.6

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
55.0	13:05:35		55.0	55.0
54.7	13:05:36		54.7	54.7
55.9	13:05:37		55.9	55.9
55.4	13:05:38		55.4	55.4
54.8	13:05:39		54.8	54.8
54.7	13:05:40		54.7	54.7
55.1	13:05:41		55.1	55.1
54.6	13:05:42		54.6	54.6
54.8	13:05:43		54.8	54.8
54.1	13:05:44		54.1	54.1
54.5	13:05:45		54.5	54.5
54.7	13:05:46		54.7	54.7
55.2	13:05:47		55.2	55.2
55.8	13:05:48		55.8	55.8
62.0	13:05:49		62.0	62.0
69.1	13:05:50		69.1	69.1
71.4	13:05:51		71.4	71.4
68.9	13:05:52		68.9	68.9
65.3	13:05:53		65.3	65.3
62.2	13:05:54		62.2	62.2
59.1	13:05:55		59.1	59.1
57.0	13:05:56		57.0	57.0
56.3	13:05:57		56.3	56.3
55.8	13:05:58		55.8	55.8
55.1	13:05:59		55.1	55.1
54.1	13:06:00		54.1	54.1
54.3	13:06:01		54.3	54.3
54.6	13:06:02		54.6	54.6
55.7	13:06:03		55.7	55.7
55.4	13:06:04		55.4	55.4
55.0	13:06:05		55.0	55.0
53.3	13:06:06		53.3	53.3
52.7	13:06:07		52.7	52.7
52.7	13:06:08		52.7	52.7
52.1	13:06:09		52.1	52.1
52.1	13:06:10		52.1	52.1
52.5	13:06:11		52.5	52.5
51.3	13:06:12		51.3	51.3
51.2	13:06:13		51.2	51.2
52.4	13:06:14		52.4	52.4
52.6	13:06:15		52.6	52.6
51.9	13:06:16		51.9	51.9
52.6	13:06:17		52.6	52.6
52.0	13:06:18		52.0	52.0
52.3	13:06:19		52.3	52.3
53.4	13:06:20		53.4	53.4
54.1	13:06:21		54.1	54.1
53.8	13:06:22		53.8	53.8
53.7	13:06:23		53.7	53.7
52.9	13:06:24		52.9	52.9
51.9	13:06:25		51.9	51.9
52.6	13:06:26		52.6	52.6
52.3	13:06:27		52.3	52.3
53.4	13:06:28		53.4	53.4
53.4	13:06:29		53.4	53.4
52.2	13:06:30		52.2	52.2
51.5	13:06:31		51.5	51.5
52.3	13:06:32		52.3	52.3
54.3	13:06:33		54.3	54.3
54.6	13:06:34		54.6	54.6
55.1	13:06:35		55.1	55.1
57.2	13:06:36		57.2	57.2
54.7	13:06:37		54.7	54.7
52.8	13:06:38		52.8	52.8
51.7	13:06:39		51.7	51.7
51.7	13:06:40		51.7	51.7
52.3	13:06:41		52.3	52.3
52.2	13:06:42		52.2	52.2
51.6	13:06:43		51.6	51.6
51.9	13:06:44		51.9	51.9
52.9	13:06:45		52.9	52.9
53.0	13:06:46		53.0	53.0
52.7	13:06:47		52.7	52.7
52.4	13:06:48		52.4	52.4
53.2	13:06:49		53.2	53.2
52.1	13:06:50		52.1	52.1
50.6	13:06:51		50.6	50.6
51.3	13:06:52		51.3	51.3
52.4	13:06:53		52.4	52.4
53.5	13:06:54		53.5	53.5
52.4	13:06:55		52.4	52.4
52.7	13:06:56		52.7	52.7
51.7	13:06:57		51.7	51.7
52.5	13:06:58		52.5	52.5
55.5	13:06:59		55.5	55.5
54.3	13:07:00		54.3	54.3
53.2	13:07:01		53.2	53.2
52.2	13:07:02		52.2	52.2
50.3	13:07:03		50.3	50.3
49.7	13:07:04		49.7	49.7
51.2	13:07:05		51.2	51.2
53.1	13:07:06		53.1	53.1
52.7	13:07:07		52.7	52.7
53.0	13:07:08		53.0	53.0
53.4	13:07:09		53.4	53.4
52.6	13:07:10		52.6	52.6
53.5	13:07:11		53.5	53.5
54.8	13:07:12		54.8	54.8
53.2	13:07:13		53.2	53.2
52.6	13:07:14		52.6	52.6
53.1	13:07:15		53.1	53.1
53.5	13:07:16		53.5	53.5
54.0	13:07:17		54.0	54.0
52.7	13:07:18		52.7	52.7
53.5	13:07:19		53.5	53.5
55.2	13:07:20		55.2	55.2
54.2	13:07:21		54.2	54.2
53.7	13:07:22		53.7	53.7
53.4	13:07:23		53.4	53.4
52.4	13:07:24		52.4	52.4
52.6	13:07:25		52.6	52.6
52.8	13:07:26		52.8	52.8
52.2	13:07:27		52.2	52.2
53.1	13:07:28		53.1	53.1
53.0	13:07:29		53.0	53.0
52.6	13:07:30		52.6	52.6
51.7	13:07:31		51.7	51.7
51.2	13:07:32		51.2	51.2
50.5	13:07:33		50.5	50.5
49.4	13:07:34		49.4	49.4
49.4	13:07:35		49.4	49.4
51.7	13:07:36		51.7	51.7
52.7	13:07:37		52.7	52.7
51.8	13:07:38		51.8	51.8
51.7	13:07:39		51.7	51.7
52.7	13:07:40		52.7	52.7
52.0	13:07:41		52.0	52.0
53.2	13:07:42		53.2	53.2
53.8	13:07:43		53.8	53.8
52.7	13:07:44		52.7	52.7
51.7	13:07:45		51.7	51.7
52.5	13:07:46		52.5	52.5
50.7	13:07:47		50.7	50.7
50.2	13:07:48		50.2	50.2
52.0	13:07:49		52.0	52.0
51.7	13:07:50		51.7	51.7
52.4	13:07:51		52.4	52.4
53.3	13:07:52		53.3	53.3
52.0	13:07:53		52.0	52.0
52.3	13:07:54		52.3	52.3
51.6	13:07:55		51.6	51.6
52.6	13:07:56		52.6	52.6
53.2	13:07:57		53.2	53.2
52.3	13:07:58		52.3	52.3
52.8	13:07:59		52.8	52.8
55.4	13:08:00		55.4	55.4
59.4	13:08:01		59.4	59.4
67.6	13:08:02		67.6	67.6
73.3	13:08:03		73.3	73.3
71.8	13:08:04		71.8	71.8
68.3	13:08:05		68.3	68.3
64.9	13:08:06		64.9	64.9
62.1	13:08:07		62.1	62.1
59.4	13:08:08		59.4	59.4
57.1	13:08:09		57.1	57.1
55.4	13:08:10		55.4	55.4
54.0	13:08:11		54.0	54.0
52.5	13:08:12		52.5	52.5
52.3	13:08:13		52.3	52.3
52.4	13:08:14		52.4	52.4
53.4	13:08:15		53.4	53.4
52.9	13:08:16		52.9	52.9
52.5	13:08:17		52.5	52.5
52.7	13:08:18		52.7	52.7
53.7	13:08:19		53.7	53.7
53.8	13:08:20		53.8	53.8
55.1	13:08:21		55.1	55.1
58.0	13:08:22		58.0	58.0
62.0	13:08:23		62.0	62.0
66.9	13:08:24		66.9	66.9
68.9	13:08:25		68.9	68.9
68.3	13:08:26		68.3	68.3
65.5	13:08:27		65.5	65.5
62.5	13:08:28		62.5	62.5
59.4	13:08:29		59.4	59.4
56.6	13:08:30		56.6	56.6
54.8	13:08:31		54.8	54.8
54.2	13:08:32		54.2	54.2
55.6	13:08:33		55.6	55.6
54.1	13:08:34		54.1	54.1
53.2	13:08:35		53.2	53.2

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
38.5	13:12:06		38.5	38.5
38.4	13:12:07		38.4	38.4
38.2	13:12:08		38.2	38.2
37.4	13:12:09		37.4	37.4
37.5	13:12:10		37.5	37.5
37.6	13:12:11		37.6	37.6
38.0	13:12:12		38.0	38.0
38.2	13:12:13		38.2	38.2
38.2	13:12:14		38.2	38.2
38.4	13:12:15		38.4	38.4
38.1	13:12:16		38.1	38.1
38.0	13:12:17		38.0	38.0
39.0	13:12:18		39.0	39.0
39.0	13:12:19		39.0	39.0
39.6	13:12:20		39.6	39.6
40.1	13:12:21		40.1	40.1
39.6	13:12:22		39.6	39.6
39.0	13:12:23		39.0	39.0
38.2	13:12:24		38.2	38.2
38.3	13:12:25		38.3	38.3
37.7	13:12:26		37.7	37.7
37.7	13:12:27		37.7	37.7
37.3	13:12:28		37.3	37.3
37.0	13:12:29		37.0	37.0
37.0	13:12:30		37.0	37.0
36.8	13:12:31		36.8	36.8
37.0	13:12:32		37.0	37.0
38.1	13:12:33		38.1	38.1
41.6	13:12:34		41.6	41.6
41.8	13:12:35		41.8	41.8
41.3	13:12:36		41.3	41.3
40.9	13:12:37		40.9	40.9
41.3	13:12:38		41.3	41.3
41.4	13:12:39		41.4	41.4
41.8	13:12:40		41.8	41.8
41.3	13:12:41		41.3	41.3
40.3	13:12:42		40.3	40.3
41.2	13:12:43		41.2	41.2
42.5	13:12:44		42.5	42.5
41.4	13:12:45		41.4	41.4
41.2	13:12:46		41.2	41.2
41.7	13:12:47		41.7	41.7
41.8	13:12:48		41.8	41.8
41.3	13:12:49		41.3	41.3
40.6	13:12:50		40.6	40.6
40.2	13:12:51		40.2	40.2
40.1	13:12:52		40.1	40.1
40.5	13:12:53		40.5	40.5
40.5	13:12:54		40.5	40.5
42.6	13:12:55		42.6	42.6
42.6	13:12:56		42.6	42.6
42.4	13:12:57		42.4	42.4
41.5	13:12:58		41.5	41.5
41.0	13:12:59		41.0	41.0
40.4	13:13:00		40.4	40.4
40.3	13:13:01		40.3	40.3
40.3	13:13:02		40.3	40.3
39.4	13:13:03		39.4	39.4
39.1	13:13:04		39.1	39.1
38.7	13:13:05		38.7	38.7
38.9	13:13:06		38.9	38.9
38.9	13:13:07		38.9	38.9
39.2	13:13:08		39.2	39.2
39.7	13:13:09		39.7	39.7
39.4	13:13:10		39.4	39.4
39.5	13:13:11		39.5	39.5
40.7	13:13:12		40.7	40.7
42.2	13:13:13		42.2	42.2
41.9	13:13:14		41.9	41.9
40.7	13:13:15		40.7	40.7
40.0	13:13:16		40.0	40.0
40.1	13:13:17		40.1	40.1
40.2	13:13:18		40.2	40.2
39.5	13:13:19		39.5	39.5
39.1	13:13:20		39.1	39.1
38.9	13:13:21		38.9	38.9
38.9	13:13:22		38.9	38.9
39.0	13:13:23		39.0	39.0
39.0	13:13:24		39.0	39.0
38.6	13:13:25		38.6	38.6
38.2	13:13:26		38.2	38.2
37.7	13:13:27		37.7	37.7
37.0	13:13:28		37.0	37.0
36.9	13:13:29		36.9	36.9
37.3	13:13:30		37.3	37.3
38.1	13:13:31		38.1	38.1
39.2	13:13:32		39.2	39.2
38.8	13:13:33		38.8	38.8
38.2	13:13:34		38.2	38.2
38.6	13:13:35		38.6	38.6
38.6	13:13:36		38.6	38.6
38.6	13:13:37		38.6	38.6
37.9	13:13:38		37.9	37.9
37.5	13:13:39		37.5	37.5
37.7	13:13:40		37.7	37.7
37.4	13:13:41		37.4	37.4
37.3	13:13:42		37.3	37.3
37.9	13:13:43		37.9	37.9
39.0	13:13:44		39.0	39.0
41.5	13:13:45		41.5	41.5
41.0	13:13:46		41.0	41.0
41.5	13:13:47		41.5	41.5
41.2	13:13:48		41.2	41.2
40.2	13:13:49		40.2	40.2
40.8	13:13:50		40.8	40.8
40.6	13:13:51		40.6	40.6
41.2	13:13:52		41.2	41.2
40.3	13:13:53		40.3	40.3
39.4	13:13:54		39.4	39.4
38.7	13:13:55		38.7	38.7
38.6	13:13:56		38.6	38.6
38.6	13:13:57		38.6	38.6
38.7	13:13:58		38.7	38.7
39.1	13:13:59		39.1	39.1
39.6	13:14:00		39.6	39.6
39.8	13:14:01		39.8	39.8
39.9	13:14:02		39.9	39.9
39.2	13:14:03		39.2	39.2
39.0	13:14:04		39.0	39.0
39.2	13:14:05		39.2	39.2
39.6	13:14:06		39.6	39.6
39.2	13:14:07		39.2	39.2
40.4	13:14:08		40.4	40.4
40.8	13:14:09		40.8	40.8
39.9	13:14:10		39.9	39.9
39.8	13:14:11		39.8	39.8
40.1	13:14:12		40.1	40.1
40.0	13:14:13		40.0	40.0
40.3	13:14:14		40.3	40.3
40.0	13:14:15		40.0	40.0
39.6	13:14:16		39.6	39.6
40.1	13:14:17		40.1	40.1
40.2	13:14:18		40.2	40.2
39.9	13:14:19		39.9	39.9
39.6	13:14:20		39.6	39.6
40.8	13:14:21		40.8	40.8
41.9	13:14:22		41.9	41.9
41.5	13:14:23		41.5	41.5
42.2	13:14:24		42.2	42.2
43.7	13:14:25		43.7	43.7
44.0	13:14:26		44.0	44.0
43.8	13:14:27		43.8	43.8
46.3	13:14:28		46.3	46.3
45.0	13:14:29		45.0	45.0
43.7	13:14:30		43.7	43.7
43.9	13:14:31		43.9	43.9
43.0	13:14:32		43.0	43.0
45.9	13:14:33		45.9	45.9
45.8	13:14:34		45.8	45.8
47.7	13:14:35		47.7	47.7
46.4	13:14:36		46.4	46.4
43.5	13:14:37		43.5	43.5
42.3	13:14:38		42.3	42.3
43.3	13:14:39		43.3	43.3
43.0	13:14:40		43.0	43.0
43.6	13:14:41		43.6	43.6
43.9	13:14:42		43.9	43.9
44.6	13:14:43		44.6	44.6
47.5	13:14:44		47.5	47.5
48.3	13:14:45		48.3	48.3
50.2	13:14:46		50.2	50.2
46.9	13:14:47		46.9	46.9
43.7	13:14:48		43.7	43.7
41.9	13:14:49		41.9	41.9
41.8	13:14:50		41.8	41.8
43.6	13:14:51		43.6	43.6
41.9	13:14:52		41.9	41.9
41.3	13:14:53		41.3	41.3
43.0	13:14:54		43.0	43.0
46.3	13:14:55		46.3	46.3
49.9	13:14:56		49.9	49.9
51.2	13:14:57		51.2	51.2
50.4	13:14:58		50.4	50.4
50.7	13:14:59		50.7	50.7
47.4	13:15:00		47.4	47.4
46.1	13:15:01		46.1	46.1
46.2	13:15:02		46.2	46.2
44.8	13:15:03		44.8	44.8
43.9	13:15:04		43.9	43.9
42.3	13:15:05		42.3	42.3
43.2	13:15:06		43.2	43.2

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
44.5	12:54:13		44.5	44.5
51.5	12:54:14		51.5	51.5
50.4	12:54:15		50.4	50.4
46.9	12:54:16		46.9	46.9
45.1	12:54:17		45.1	45.1
43.6	12:54:18		43.6	43.6
45.7	12:54:19		45.7	45.7
48.9	12:54:20		48.9	48.9
47.0	12:54:21		47.0	47.0
45.1	12:54:22		45.1	45.1
42.9	12:54:23		42.9	42.9
42.0	12:54:24		42.0	42.0
43.5	12:54:25		43.5	43.5
44.5	12:54:26		44.5	44.5
44.2	12:54:27		44.2	44.2
44.9	12:54:28		44.9	44.9
47.7	12:54:29		47.7	47.7
49.8	12:54:30		49.8	49.8
50.6	12:54:31		50.6	50.6
49.9	12:54:32		49.9	49.9
48.1	12:54:33		48.1	48.1
47.7	12:54:34		47.7	47.7
46.0	12:54:35		46.0	46.0
44.4	12:54:36		44.4	44.4
43.8	12:54:37		43.8	43.8
44.1	12:54:38		44.1	44.1
43.7	12:54:39		43.7	43.7
45.1	12:54:40		45.1	45.1
45.7	12:54:41		45.7	45.7
44.1	12:54:42		44.1	44.1
43.4	12:54:43		43.4	43.4
43.1	12:54:44		43.1	43.1
42.9	12:54:45		42.9	42.9
50.1	12:54:46		50.1	50.1
50.9	12:54:47		50.9	50.9
48.0	12:54:48		48.0	48.0
46.9	12:54:49		46.9	46.9
47.2	12:54:50		47.2	47.2
45.5	12:54:51		45.5	45.5
44.2	12:54:52		44.2	44.2
43.7	12:54:53		43.7	43.7
54.7	12:54:54		54.7	54.7
58.3	12:54:55		58.3	58.3
57.7	12:54:56		57.7	57.7
56.6	12:54:57		56.6	56.6
56.4	12:54:58		56.4	56.4
56.1	12:54:59		56.1	56.1
55.7	12:55:00		55.7	55.7
55.1	12:55:01		55.1	55.1
57.1	12:55:02		57.1	57.1
60.6	12:55:03		60.6	60.6
65.7	12:55:04		65.7	65.7
71.0	12:55:05		71.0	71.0
78.0	12:55:06		78.0	78.0
80.6	12:55:07		80.6	80.6
79.5	12:55:08		79.5	79.5
76.4	12:55:09		76.4	76.4
72.8	12:55:10		72.8	72.8
68.9	12:55:11		68.9	68.9
65.3	12:55:12		65.3	65.3
63.8	12:55:13		63.8	63.8
70.2	12:55:14		70.2	70.2
71.9	12:55:15		71.9	71.9
68.9	12:55:16		68.9	68.9
65.1	12:55:17		65.1	65.1
61.4	12:55:18		61.4	61.4
57.7	12:55:19		57.7	57.7
54.1	12:55:20		54.1	54.1
51.0	12:55:21		51.0	51.0
48.3	12:55:22		48.3	48.3
46.8	12:55:23		46.8	46.8
45.5	12:55:24		45.5	45.5
46.2	12:55:25		46.2	46.2
45.3	12:55:26		45.3	45.3
44.8	12:55:27		44.8	44.8
49.3	12:55:28		49.3	49.3
50.0	12:55:29		50.0	50.0
47.7	12:55:30		47.7	47.7
45.8	12:55:31		45.8	45.8
44.6	12:55:32		44.6	44.6
43.8	12:55:33		43.8	43.8
44.2	12:55:34		44.2	44.2
46.1	12:55:35		46.1	46.1
52.1	12:55:36		52.1	52.1
55.4	12:55:37		55.4	55.4
56.3	12:55:38		56.3	56.3
53.6	12:55:39		53.6	53.6
50.5	12:55:40		50.5	50.5
50.6	12:55:41		50.6	50.6
48.3	12:55:42		48.3	48.3
45.9	12:55:43		45.9	45.9
44.2	12:55:44		44.2	44.2
43.1	12:55:45		43.1	43.1
43.0	12:55:46		43.0	43.0
44.8	12:55:47		44.8	44.8
47.6	12:55:48		47.6	47.6
55.6	12:55:49		55.6	55.6
53.1	12:55:50		53.1	53.1
49.3	12:55:51		49.3	49.3
46.5	12:55:52		46.5	46.5
45.3	12:55:53		45.3	45.3
45.0	12:55:54		45.0	45.0
46.2	12:55:55		46.2	46.2
50.4	12:55:56		50.4	50.4
52.5	12:55:57		52.5	52.5
54.3	12:55:58		54.3	54.3
51.3	12:55:59		51.3	51.3
48.7	12:56:00		48.7	48.7
48.8	12:56:01		48.8	48.8
50.6	12:56:02		50.6	50.6
48.5	12:56:03		48.5	48.5
47.3	12:56:04		47.3	47.3
48.2	12:56:05		48.2	48.2
46.7	12:56:06		46.7	46.7
47.0	12:56:07		47.0	47.0
53.3	12:56:08		53.3	53.3
52.3	12:56:09		52.3	52.3
49.1	12:56:10		49.1	49.1
46.8	12:56:11		46.8	46.8
45.5	12:56:12		45.5	45.5
43.8	12:56:13		43.8	43.8
42.8	12:56:14		42.8	42.8
44.0	12:56:15		44.0	44.0
49.4	12:56:16		49.4	49.4
49.4	12:56:17		49.4	49.4
53.5	12:56:18		53.5	53.5
53.1	12:56:19		53.1	53.1
49.8	12:56:20		49.8	49.8
47.2	12:56:21		47.2	47.2
45.3	12:56:22		45.3	45.3
50.4	12:56:23		50.4	50.4
54.6	12:56:24		54.6	54.6
57.1	12:56:25		57.1	57.1
53.4	12:56:26		53.4	53.4
49.8	12:56:27		49.8	49.8
49.3	12:56:28		49.3	49.3
50.3	12:56:29		50.3	50.3
49.1	12:56:30		49.1	49.1
45.9	12:56:31		45.9	45.9
43.9	12:56:32		43.9	43.9
42.7	12:56:33		42.7	42.7
45.0	12:56:34		45.0	45.0
44.9	12:56:35		44.9	44.9
46.5	12:56:36		46.5	46.5
47.3	12:56:37		47.3	47.3
46.7	12:56:38		46.7	46.7
48.4	12:56:39		48.4	48.4
48.4	12:56:40		48.4	48.4
52.3	12:56:41		52.3	52.3
53.7	12:56:42		53.7	53.7
51.2	12:56:43		51.2	51.2
48.1	12:56:44		48.1	48.1
47.1	12:56:45		47.1	47.1
51.8	12:56:46		51.8	51.8
51.9	12:56:47		51.9	51.9
48.9	12:56:48		48.9	48.9
50.0	12:56:49		50.0	50.0
50.2	12:56:50		50.2	50.2
49.5	12:56:51		49.5	49.5
48.4	12:56:52		48.4	48.4
46.0	12:56:53		46.0	46.0
47.9	12:56:54		47.9	47.9
50.5	12:56:55		50.5	50.5
51.4	12:56:56		51.4	51.4
50.3	12:56:57		50.3	50.3
48.3	12:56:58		48.3	48.3
45.8	12:56:59		45.8	45.8
45.8	12:57:00		45.8	45.8
48.3	12:57:01		48.3	48.3
48.1	12:57:02		48.1	48.1
46.2	12:57:03		46.2	46.2
45.4	12:57:04		45.4	45.4
45.8	12:57:05		45.8	45.8
46.7	12:57:06		46.7	46.7
48.7	12:57:07		48.7	48.7
51.4	12:57:08		51.4	51.4
53.8	12:57:09		53.8	53.8
53.9	12:57:10		53.9	53.9
53.1	12:57:11		53.1	53.1
52.0	12:57:12		52.0	52.0
53.1	12:57:13		53.1	53.1
50.8	12:57:14		50.8	50.8
49.6	12:57:15		49.6	49.6
49.4	12:57:16		49.4	49.4
49.0	12:57:17		49.0	49.0
47.7	12:57:18		47.7	47.7
48.6	12:57:19		48.6	48.6
51.7	12:57:20		51.7	51.7
50.4	12:57:21		50.4	50.4
47.4	12:57:22		47.4	47.4

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
52.1	13:08:36		52.1	52.1
52.9	13:08:37		52.9	52.9
53.3	13:08:38		53.3	53.3
53.1	13:08:39		53.1	53.1
52.9	13:08:40		52.9	52.9
51.8	13:08:41		51.8	51.8
51.6	13:08:42		51.6	51.6
56.6	13:08:43		56.6	56.6
56.3	13:08:44		56.3	56.3
54.2	13:08:45		54.2	54.2
52.9	13:08:46		52.9	52.9
52.8	13:08:47		52.8	52.8
52.3	13:08:48		52.3	52.3
52.2	13:08:49		52.2	52.2
52.8	13:08:50		52.8	52.8
52.4	13:08:51		52.4	52.4
52.2	13:08:52		52.2	52.2
52.9	13:08:53		52.9	52.9
54.6	13:08:54		54.6	54.6
57.2	13:08:55		57.2	57.2
64.9	13:08:56		64.9	64.9
70.5	13:08:57		70.5	70.5
68.1	13:08:58		68.1	68.1
64.7	13:08:59		64.7	64.7
61.1	13:09:00		61.1	61.1
57.8	13:09:01		57.8	57.8
55.1	13:09:02		55.1	55.1
53.2	13:09:03		53.2	53.2
53.5	13:09:04		53.5	53.5
54.2	13:09:05		54.2	54.2
53.8	13:09:06		53.8	53.8
53.4	13:09:07		53.4	53.4
52.5	13:09:08		52.5	52.5
51.5	13:09:09		51.5	51.5
51.5	13:09:10		51.5	51.5
52.0	13:09:11		52.0	52.0
53.1	13:09:12		53.1	53.1
52.7	13:09:13		52.7	52.7
51.9	13:09:14		51.9	51.9
51.1	13:09:15		51.1	51.1
51.3	13:09:16		51.3	51.3
52.9	13:09:17		52.9	52.9
52.8	13:09:18		52.8	52.8
52.6	13:09:19		52.6	52.6
52.6	13:09:20		52.6	52.6
51.2	13:09:21		51.2	51.2
51.6	13:09:22		51.6	51.6
53.1	13:09:23		53.1	53.1
53.8	13:09:24		53.8	53.8
52.0	13:09:25		52.0	52.0
51.7	13:09:26		51.7	51.7
52.3	13:09:27		52.3	52.3
53.3	13:09:28		53.3	53.3
53.1	13:09:29		53.1	53.1
52.1	13:09:30		52.1	52.1
51.0	13:09:31		51.0	51.0
51.5	13:09:32		51.5	51.5
51.1	13:09:33		51.1	51.1
51.9	13:09:34		51.9	51.9
52.5	13:09:35		52.5	52.5
51.4	13:09:36		51.4	51.4
50.7	13:09:37		50.7	50.7
51.5	13:09:38		51.5	51.5
52.9	13:09:39		52.9	52.9
52.9	13:09:40		52.9	52.9
51.7	13:09:41		51.7	51.7
51.9	13:09:42		51.9	51.9
52.9	13:09:43		52.9	52.9
51.9	13:09:44		51.9	51.9
51.0	13:09:45		51.0	51.0
49.4	13:09:46		49.4	49.4
50.8	13:09:47		50.8	50.8
51.8	13:09:48		51.8	51.8
50.6	13:09:49		50.6	50.6
49.9	13:09:50		49.9	49.9
49.3	13:09:51		49.3	49.3
51.2	13:09:52		51.2	51.2
51.5	13:09:53		51.5	51.5
50.9	13:09:54		50.9	50.9
50.1	13:09:55		50.1	50.1
49.8	13:09:56		49.8	49.8
51.5	13:09:57		51.5	51.5
52.7	13:09:58		52.7	52.7
52.6	13:09:59		52.6	52.6
52.0	13:10:00		52.0	52.0
51.3	13:10:01		51.3	51.3
50.9	13:10:02		50.9	50.9
52.2	13:10:03		52.2	52.2
51.9	13:10:04		51.9	51.9
51.0	13:10:05		51.0	51.0
50.0	13:10:06		50.0	50.0
49.9	13:10:07		49.9	49.9
50.6	13:10:08		50.6	50.6
51.5	13:10:09		51.5	51.5
51.4	13:10:10		51.4	51.4
50.4	13:10:11		50.4	50.4
52.1	13:10:12		52.1	52.1
52.1	13:10:13		52.1	52.1
52.2	13:10:14		52.2	52.2
52.0	13:10:15		52.0	52.0
52.9	13:10:16		52.9	52.9
53.1	13:10:17		53.1	53.1
53.8	13:10:18		53.8	53.8
56.9	13:10:19		56.9	56.9
58.9	13:10:20		58.9	58.9
60.6	13:10:21		60.6	60.6
63.5	13:10:22		63.5	63.5
67.9	13:10:23		67.9	67.9
71.7	13:10:24		71.7	71.7
74.6	13:10:25		74.6	74.6
74.6	13:10:26		74.6	74.6
71.8	13:10:27		71.8	71.8
68.1	13:10:28		68.1	68.1
64.5	13:10:29		64.5	64.5
61.1	13:10:30		61.1	61.1
58.0	13:10:31		58.0	58.0
55.2	13:10:32		55.2	55.2
53.1	13:10:33		53.1	53.1
51.4	13:10:34		51.4	51.4
51.9	13:10:35		51.9	51.9
51.2	13:10:36		51.2	51.2
50.9	13:10:37		50.9	50.9
50.5	13:10:38		50.5	50.5
51.5	13:10:39		51.5	51.5
52.9	13:10:40		52.9	52.9
52.2	13:10:41		52.2	52.2
53.7	13:10:42		53.7	53.7
56.2	13:10:43		56.2	56.2
57.3	13:10:44		57.3	57.3
54.5	13:10:45		54.5	54.5
53.0	13:10:46		53.0	53.0
51.6	13:10:47		51.6	51.6
51.7	13:10:48		51.7	51.7
53.0	13:10:49		53.0	53.0
52.3	13:10:50		52.3	52.3
53.4	13:10:51		53.4	53.4
54.5	13:10:52		54.5	54.5
53.0	13:10:53		53.0	53.0
51.2	13:10:54		51.2	51.2
50.1	13:10:55		50.1	50.1
51.1	13:10:56		51.1	51.1
50.8	13:10:57		50.8	50.8
52.5	13:10:58		52.5	52.5
51.8	13:10:59		51.8	51.8
51.7	13:11:00		51.7	51.7
50.9	13:11:01		50.9	50.9
50.4	13:11:02		50.4	50.4
50.7	13:11:03		50.7	50.7
51.3	13:11:04		51.3	51.3
51.9	13:11:05		51.9	51.9
51.0	13:11:06		51.0	51.0
51.6	13:11:07		51.6	51.6
52.4	13:11:08		52.4	52.4
51.3	13:11:09		51.3	51.3
51.0	13:11:10		51.0	51.0
51.1	13:11:11		51.1	51.1
49.4	13:11:12		49.4	49.4
49.4	13:11:13		49.4	49.4
50.6	13:11:14		50.6	50.6
52.4	13:11:15		52.4	52.4
51.8	13:11:16		51.8	51.8
52.7	13:11:17		52.7	52.7
51.9	13:11:18		51.9	51.9
50.5	13:11:19		50.5	50.5
50.3	13:11:20		50.3	50.3
51.4	13:11:21		51.4	51.4
51.0	13:11:22		51.0	51.0
52.1	13:11:23		52.1	52.1
52.2	13:11:24		52.2	52.2
52.2	13:11:25		52.2	52.2
51.1	13:11:26		51.1	51.1
50.1	13:11:27		50.1	50.1
50.7	13:11:28		50.7	50.7
50.5	13:11:29		50.5	50.5
50.6	13:11:30		50.6	50.6
50.2	13:11:31		50.2	50.2
50.5	13:11:32		50.5	50.5
50.8	13:11:33		50.8	50.8
51.7	13:11:34		51.7	51.7
50.9	13:11:35		50.9	50.9
50.8	13:11:36		50.8	50.8
51.7	13:11:37		51.7	51.7
52.7	13:11:38		52.7	52.7
53.2	13:11:39		53.2	53.2
54.3	13:11:40		54.3	54.3
56.4	13:11:41		56.4	56.4
61.1	13:11:42		61.1	61.1
69.6	13:11:43		69.6	69.6
79.6	13:11:44		79.6	79.6
80.5	13:11:45		80.5	80.5

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
43.2	13:15:07		43.2	43.2
44.5	13:15:08		44.5	44.5
47.8	13:15:09		47.8	47.8
50.3	13:15:10		50.3	50.3
49.1	13:15:11		49.1	49.1
48.9	13:15:12		48.9	48.9
48.0	13:15:13		48.0	48.0
47.7	13:15:14		47.7	47.7
47.0	13:15:15		47.0	47.0
44.9	13:15:16		44.9	44.9
45.1	13:15:17		45.1	45.1
42.1	13:15:18		42.1	42.1
39.9	13:15:19		39.9	39.9
40.4	13:15:20		40.4	40.4
39.7	13:15:21		39.7	39.7
40.2	13:15:22		40.2	40.2
38.6	13:15:23		38.6	38.6
39.5	13:15:24		39.5	39.5
41.3	13:15:25		41.3	41.3
43.1	13:15:26		43.1	43.1
41.7	13:15:27		41.7	41.7
42.6	13:15:28		42.6	42.6
43.6	13:15:29		43.6	43.6
45.2	13:15:30		45.2	45.2
46.8	13:15:31		46.8	46.8
47.7	13:15:32		47.7	47.7
51.1	13:15:33		51.1	51.1
50.0	13:15:34		50.0	50.0
46.6	13:15:35		46.6	46.6
43.2	13:15:36		43.2	43.2
40.9	13:15:37		40.9	40.9
40.4	13:15:38		40.4	40.4
41.1	13:15:39		41.1	41.1
40.7	13:15:40		40.7	40.7
40.9	13:15:41		40.9	40.9
39.9	13:15:42		39.9	39.9
39.0	13:15:43		39.0	39.0
38.6	13:15:44		38.6	38.6
38.4	13:15:45		38.4	38.4
40.2	13:15:46		40.2	40.2
42.0	13:15:47		42.0	42.0
43.4	13:15:48		43.4	43.4
43.5	13:15:49		43.5	43.5
42.7	13:15:50		42.7	42.7
44.1	13:15:51		44.1	44.1
45.0	13:15:52		45.0	45.0
45.6	13:15:53		45.6	45.6
45.1	13:15:54		45.1	45.1
43.3	13:15:55		43.3	43.3
42.1	13:15:56		42.1	42.1
41.4	13:15:57		41.4	41.4
43.4	13:15:58		43.4	43.4
43.0	13:15:59		43.0	43.0
42.5	13:16:00		42.5	42.5
44.6	13:16:01		44.6	44.6
42.2	13:16:02		42.2	42.2
42.1	13:16:03		42.1	42.1
42.1	13:16:04		42.1	42.1
41.0	13:16:05		41.0	41.0
40.0	13:16:06		40.0	40.0
39.3	13:16:07		39.3	39.3
40.4	13:16:08		40.4	40.4
42.0	13:16:09		42.0	42.0
43.6	13:16:10		43.6	43.6
44.1	13:16:11		44.1	44.1
41.4	13:16:12		41.4	41.4
40.0	13:16:13		40.0	40.0
39.8	13:16:14		39.8	39.8
40.2	13:16:15		40.2	40.2
40.6	13:16:16		40.6	40.6
39.5	13:16:17		39.5	39.5
38.6	13:16:18		38.6	38.6
38.4	13:16:19		38.4	38.4
38.4	13:16:20		38.4	38.4
37.9	13:16:21		37.9	37.9
37.9	13:16:22		37.9	37.9
37.7	13:16:23		37.7	37.7
37.5	13:16:24		37.5	37.5
37.2	13:16:25		37.2	37.2
38.7	13:16:26		38.7	38.7
38.4	13:16:27		38.4	38.4
37.6	13:16:28		37.6	37.6
37.3	13:16:29		37.3	37.3
37.7	13:16:30		37.7	37.7
38.5	13:16:31		38.5	38.5
39.8	13:16:32		39.8	39.8
39.5	13:16:33		39.5	39.5
39.1	13:16:34		39.1	39.1
39.5	13:16:35		39.5	39.5
40.3	13:16:36		40.3	40.3
41.4	13:16:37		41.4	41.4
41.4	13:16:38		41.4	41.4
44.3	13:16:39		44.3	44.3
45.5	13:16:40		45.5	45.5
46.5	13:16:41		46.5	46.5
45.8	13:16:42		45.8	45.8
44.6	13:16:43		44.6	44.6
46.4	13:16:44		46.4	46.4
44.4	13:16:45		44.4	44.4
41.7	13:16:46		41.7	41.7
39.5	13:16:47		39.5	39.5
38.4	13:16:48		38.4	38.4
39.1	13:16:49		39.1	39.1
39.0	13:16:50		39.0	39.0
38.2	13:16:51		38.2	38.2
38.6	13:16:52		38.6	38.6
38.7	13:16:53		38.7	38.7
38.3	13:16:54		38.3	38.3
40.4	13:16:55		40.4	40.4
42.6	13:16:56		42.6	42.6
46.1	13:16:57		46.1	46.1
48.5	13:16:58		48.5	48.5
49.2	13:16:59		49.2	49.2
50.3	13:17:00		50.3	50.3
52.4	13:17:01		52.4	52.4
52.3	13:17:02		52.3	52.3
52.3	13:17:03		52.3	52.3
50.0	13:17:04		50.0	50.0
46.0	13:17:05		46.0	46.0
44.5	13:17:06		44.5	44.5
44.7	13:17:07		44.7	44.7
46.7	13:17:08		46.7	46.7
47.5	13:17:09		47.5	47.5
48.6	13:17:10		48.6	48.6
49.3	13:17:11		49.3	49.3
48.9	13:17:12		48.9	48.9
51.1	13:17:13		51.1	51.1
52.3	13:17:14		52.3	52.3
50.5	13:17:15		50.5	50.5
48.1	13:17:16		48.1	48.1
46.0	13:17:17		46.0	46.0
47.0	13:17:18		47.0	47.0
47.2	13:17:19		47.2	47.2
45.1	13:17:20		45.1	45.1
43.5	13:17:21		43.5	43.5
48.1	13:17:22		48.1	48.1
49.1	13:17:23		49.1	49.1
49.4	13:17:24		49.4	49.4
50.0	13:17:25		50.0	50.0
48.6	13:17:26		48.6	48.6
48.8	13:17:27		48.8	48.8
48.9	13:17:28		48.9	48.9
47.6	13:17:29		47.6	47.6
47.2	13:17:30		47.2	47.2
46.5	13:17:31		46.5	46.5
49.0	13:17:32		49.0	49.0
49.4	13:17:33		49.4	49.4
51.7	13:17:34		51.7	51.7
51.8	13:17:35		51.8	51.8
51.3	13:17:36		51.3	51.3
51.1	13:17:37		51.1	51.1
50.8	13:17:38		50.8	50.8
48.5	13:17:39		48.5	48.5
47.9	13:17:40		47.9	47.9
47.7	13:17:41		47.7	47.7
48.5	13:17:42		48.5	48.5
50.7	13:17:43		50.7	50.7
51.0	13:17:44		51.0	51.0
50.6	13:17:45		50.6	50.6
49.9	13:17:46		49.9	49.9
48.9	13:17:47		48.9	48.9
46.0	13:17:48		46.0	46.0
42.9	13:17:49		42.9	42.9
41.3	13:17:50		41.3	41.3
41.4	13:17:51		41.4	41.4
42.0	13:17:52		42.0	42.0
45.0	13:17:53		45.0	45.0
50.1	13:17:54		50.1	50.1
52.5	13:17:55		52.5	52.5
53.7	13:17:56		53.7	53.7
53.2	13:17:57		53.2	53.2
49.9	13:17:58		49.9	49.9
50.1	13:17:59		50.1	50.1
50.2	13:18:00		50.2	50.2
49.5	13:18:01		49.5	49.5
48.6	13:18:02		48.6	48.6
49.8	13:18:03		49.8	49.8
50.6	13:18:04		50.6	50.6
51.8	13:18:05		51.8	51.8
51.9	13:18:06		51.9	51.9
54.8	13:18:07		54.8	54.8
52.2	13:18:08		52.2	52.2
48.2	13:18:09		48.2	48.2
44.4	13:18:10		44.4	44.4
41.4	13:18:11		41.4	41.4
39.2	13:18:12		39.2	39.2
38.5	13:18:13		38.5	38.5
40.3	13:18:14		40.3	40.3
44.5	13:18:15		44.5	44.5
44.5	13:18:16		44.5	44.5

Site 1 - Near Southeast Corner of Project Site					Site 2 - Near Northeast Corner of Project Site					Site 3 - Near Northwest Corner of Project Site				
SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL	SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL	SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
47.4	12:57:23		47.4	47.4	77.6	13:11:46		77.6	77.6	45.7	13:18:17		45.7	45.7
45.7	12:57:24		45.7	45.7	74.1	13:11:47		74.1	74.1	45.0	13:18:18		45.0	45.0
44.9	12:57:25		44.9	44.9	70.2	13:11:48		70.2	70.2	46.9	13:18:19		46.9	46.9
46.3	12:57:26		46.3	46.3	66.4	13:11:49		66.4	66.4	44.2	13:18:20		44.2	44.2
54.0	12:57:27		54.0	54.0	62.9	13:11:50		62.9	62.9	41.3	13:18:21		41.3	41.3
56.5	12:57:28		56.5	56.5	60.4	13:11:51		60.4	60.4	39.4	13:18:22		39.4	39.4
60.6	12:57:29		60.6	60.6	58.2	13:11:52		58.2	58.2	41.0	13:18:23		41.0	41.0
58.2	12:57:30		58.2	58.2	55.7	13:11:53		55.7	55.7	45.2	13:18:24		45.2	45.2
54.3	12:57:31		54.3	54.3	54.2	13:11:54		54.2	54.2	47.9	13:18:25		47.9	47.9
50.5	12:57:32		50.5	50.5	54.6	13:11:55		54.6	54.6	44.5	13:18:26		44.5	44.5
47.5	12:57:33		47.5	47.5	54.8	13:11:56		54.8	54.8	42.2	13:18:27		42.2	42.2
45.8	12:57:34		45.8	45.8	53.3	13:11:57		53.3	53.3	43.8	13:18:28		43.8	43.8
44.5	12:57:35		44.5	44.5	53.4	13:11:58		53.4	53.4	44.8	13:18:29		44.8	44.8
53.5	12:57:36		53.5	53.5	55.7	13:11:59		55.7	55.7	43.0	13:18:30		43.0	43.0
57.8	12:57:37		57.8	57.8	55.2	13:12:00		55.2	55.2	40.7	13:18:31		40.7	40.7
55.5	12:57:38		55.5	55.5	54.8	13:12:01		54.8	54.8	38.8	13:18:32		38.8	38.8
55.2	12:57:39		55.2	55.2	53.8	13:12:02		53.8	53.8	37.8	13:18:33		37.8	37.8
52.7	12:57:40		52.7	52.7	53.0	13:12:03		53.0	53.0	39.7	13:18:34		39.7	39.7
50.2	12:57:41		50.2	50.2	52.0	13:12:04		52.0	52.0	41.3	13:18:35		41.3	41.3
47.2	12:57:42		47.2	47.2	52.6	13:12:05		52.6	52.6	41.0	13:18:36		41.0	41.0
44.4	12:57:43		44.4	44.4	52.6	13:12:06		52.6	52.6	42.1	13:18:37		42.1	42.1
47.9	12:57:44		47.9	47.9	52.9	13:12:07		52.9	52.9	43.5	13:18:38		43.5	43.5
48.0	12:57:45		48.0	48.0	52.7	13:12:08		52.7	52.7	43.3	13:18:39		43.3	43.3
51.5	12:57:46		51.5	51.5	52.7	13:12:09		52.7	52.7	40.9	13:18:40		40.9	40.9
52.1	12:57:47		52.1	52.1	52.8	13:12:10		52.8	52.8	42.3	13:18:41		42.3	42.3
48.5	12:57:48		48.5	48.5	53.0	13:12:11		53.0	53.0	44.3	13:18:42		44.3	44.3
46.3	12:57:49		46.3	46.3	51.8	13:12:12		51.8	51.8	45.1	13:18:43		45.1	45.1
46.0	12:57:50		46.0	46.0	52.1	13:12:13		52.1	52.1	45.7	13:18:44		45.7	45.7
46.8	12:57:51		46.8	46.8	51.7	13:12:14		51.7	51.7	47.7	13:18:45		47.7	47.7
49.7	12:57:52		49.7	49.7	52.0	13:12:15		52.0	52.0	45.9	13:18:46		45.9	45.9
53.3	12:57:53		53.3	53.3	53.7	13:12:16		53.7	53.7	44.9	13:18:47		44.9	44.9
56.1	12:57:54		56.1	56.1	53.9	13:12:17		53.9	53.9	42.5	13:18:48		42.5	42.5
56.7	12:57:55		56.7	56.7	52.8	13:12:18		52.8	52.8	46.3	13:18:49		46.3	46.3
53.8	12:57:56		53.8	53.8	52.0	13:12:19		52.0	52.0	45.1	13:18:50		45.1	45.1
50.4	12:57:57		50.4	50.4	52.0	13:12:20		52.0	52.0	43.7	13:18:51		43.7	43.7
46.7	12:57:58		46.7	46.7	51.2	13:12:21		51.2	51.2	44.9	13:18:52		44.9	44.9
47.4	12:57:59		47.4	47.4	50.4	13:12:22		50.4	50.4	43.4	13:18:53		43.4	43.4
52.9	12:58:00		52.9	52.9	49.4	13:12:23		49.4	49.4	40.8	13:18:54		40.8	40.8
50.3	12:58:01		50.3	50.3	50.3	13:12:24		50.3	50.3	39.8	13:18:55		39.8	39.8
47.4	12:58:02		47.4	47.4	51.1	13:12:25		51.1	51.1	44.4	13:18:56		44.4	44.4
44.7	12:58:03		44.7	44.7	53.0	13:12:26		53.0	53.0	48.7	13:18:57		48.7	48.7
44.7	12:58:04		44.7	44.7	52.8	13:12:27		52.8	52.8	50.8	13:18:58		50.8	50.8
47.3	12:58:05		47.3	47.3	51.9	13:12:28		51.9	51.9	53.7	13:18:59		53.7	53.7
51.5	12:58:06		51.5	51.5	51.4	13:12:29		51.4	51.4	53.1	13:19:00		53.1	53.1
52.7	12:58:07		52.7	52.7	51.1	13:12:30		51.1	51.1	52.6	13:19:01		52.6	52.6
52.0	12:58:08		52.0	52.0	51.3	13:12:31		51.3	51.3	50.2	13:19:02		50.2	50.2
54.3	12:58:09		54.3	54.3	50.7	13:12:32		50.7	50.7	49.6	13:19:03		49.6	49.6
50.8	12:58:10		50.8	50.8	51.3	13:12:33		51.3	51.3	48.0	13:19:04		48.0	48.0
47.8	12:58:11		47.8	47.8	52.0	13:12:34		52.0	52.0	47.2	13:19:05		47.2	47.2
47.5	12:58:12		47.5	47.5	51.4	13:12:35		51.4	51.4	48.6	13:19:06		48.6	48.6
53.7	12:58:13		53.7	53.7	50.3	13:12:36		50.3	50.3	49.5	13:19:07		49.5	49.5
52.8	12:58:14		52.8	52.8	51.8	13:12:37		51.8	51.8	50.7	13:19:08		50.7	50.7
49.3	12:58:15		49.3	49.3	52.6	13:12:38		52.6	52.6	51.1	13:19:09		51.1	51.1
52.3	12:58:16		52.3	52.3	51.8	13:12:39		51.8	51.8	49.1	13:19:10		49.1	49.1
54.3	12:58:17		54.3	54.3	51.8	13:12:40		51.8	51.8	51.4	13:19:11		51.4	51.4
50.6	12:58:18		50.6	50.6	51.9	13:12:41		51.9	51.9	52.0	13:19:12		52.0	52.0
47.8	12:58:19		47.8	47.8	51.1	13:12:42		51.1	51.1	52.1	13:19:13		52.1	52.1
54.3	12:58:20		54.3	54.3	49.8	13:12:43		49.8	49.8	51.5	13:19:14		51.5	51.5
54.2	12:58:21		54.2	54.2	49.8	13:12:44		49.8	49.8	48.0	13:19:15		48.0	48.0
53.4	12:58:22		53.4	53.4	51.1	13:12:45		51.1	51.1	44.9	13:19:16		44.9	44.9
51.6	12:58:23		51.6	51.6	51.6	13:12:46		51.6	51.6	45.8	13:19:17		45.8	45.8
50.2	12:58:24		50.2	50.2	52.6	13:12:47		52.6	52.6	43.4	13:19:18		43.4	43.4
50.9	12:58:25		50.9	50.9	52.0	13:12:48		52.0	52.0	42.0	13:19:19		42.0	42.0
52.5	12:58:26		52.5	52.5	51.2	13:12:49		51.2	51.2	41.3	13:19:20		41.3	41.3
56.2	12:58:27		56.2	56.2	51.3	13:12:50		51.3	51.3	41.0	13:19:21		41.0	41.0
58.2	12:58:28		58.2	58.2	52.6	13:12:51		52.6	52.6	39.9	13:19:22		39.9	39.9
62.0	12:58:29		62.0	62.0	52.0	13:12:52		52.0	52.0	39.6	13:19:23		39.6	39.6
66.9	12:58:30		66.9	66.9	51.5	13:12:53		51.5	51.5	39.3	13:19:24		39.3	39.3
73.3	12:58:31		73.3	73.3	50.5	13:12:54		50.5	50.5	39.0	13:19:25		39.0	39.0
76.5	12:58:32		76.5	76.5	50.2	13:12:55		50.2	50.2	40.1	13:19:26		40.1	40.1
74.2	12:58:33		74.2	74.2	50.9	13:12:56		50.9	50.9	43.7	13:19:27		43.7	43.7
70.4	12:58:34		70.4	70.4	51.5	13:12:57		51.5	51.5	48.0	13:19:28		48.0	48.0
66.5	12:58:35		66.5	66.5	51.9	13:12:58		51.9	51.9	51.5	13:19:29		51.5	51.5
63.0	12:58:36		63.0	63.0	50.8	13:12:59		50.8	50.8	49.8	13:19:30		49.8	49.8
59.4	12:58:37		59.4	59.4	50.0	13:13:00		50.0	50.0	47.6	13:19:31		47.6	47.6
56.1	12:58:38		56.1	56.1	50.7	13:13:01		50.7	50.7	47.6	13:19:32		47.6	47.6
53.1	12:58:39		53.1	53.1	51.7	13:13:02		51.7	51.7	46.7	13:19:33		46.7	46.7
51.8	12:58:40		51.8	51.8	51.4	13:13:03		51.4	51.4	45.1	13:19:34		45.1	45.1
50.5	12:58:41		50.5	50.5	51.4	13:13:04		51.4	51.4	43.1	13:19:35		43.1	43.1
49.8	12:58:42		49.8	49.8	50.5	13:13:05		50.5	50.5	40.8	13:19:36		40.8	40.8
52.3	12:58:43		52.3	52.3	50.5	13:13:06		50.5	50.5	40.8	13:19:37		40.8	40.8
56.7	12:58:44		56.7	56.7	50.1	13:13:07		50.1	50.1	40.9	13:19:38		40.9	40.9
54.9	12:58:45		54.9	54.9	50.3	13:13:08		50.3	50.3	41.4	13:19:39		41.4	41.4
55.4	12:58:46		55.4	55.4	49.1	13:13:09		49.1	49.1	48.0	13:19:40		48.0	48.0
53.1	12:58:47		53.1	53.1	48.6	13:13:10		48.6	48.6	48.8	13:19:41		48.8	48.8
49.7	12:58:48		49.7	49.7	50.8	13:13:11		50.8	50.8	50.2	13:19:42		50.2	50.2
46.8	12:58:49		46.8	46.8	51.1	13:13:12		51.1	51.1	51.2	13:19:43		51.2	51.2
46.6	12:58:50		46.6	46.6	50.8	13:13:13		50.8	50.8	50.6	13:19:44		50.6	50.6
45.9	12:58:51		45.9	45.9	51.3	13:13:14		51.3	51.3	48.1	13:19:45		48.1	48.1
45.6	12:58:52		45.6	45.6	51.5	13:13:15		51.5	51.5	45.3	13:19:46		45.3	45.3
46.5	12:58:53		46.5	46.5	52.6	13:13:16		52.6	52.6	42.9	13:19:47		42.9	42.9
46.3	12:58:54		46.3	46.3	51.9	13:13:17		51.9	51.9	41.8	13:19:48		41.8	41.8
44.2	12:58:55		44.2	44.2	50.8	13:13:18		50.8	50.8	43.1	13:19:49		43.1	43.1
42.1	12:58:56		42.1	42.1	50.4	13:13:19		50.4	50.4	43.7	13:19:50		43.7	43.7
42.3	12:58:57		42.3	42.3	49.7	13:13:20		49.7	49.7	42.4	13:19:51		42.4	42.4
42.1	12:58:58		42.1	42.1	49.8	13:13:21		49.8	49.8	42.3	13:19:52		42.3	42.3
43.3	12:58:59		43.3	43.3	50.1	13:13:22		50.1	50.1	41.2	13:19:53		41.2	41.2
46.6	12:59:00		46.6	46.6	51.0	13:13:23		51.0	51.0	41.8	13:19:54		41.8	41.8
49.9	12:59:01		49.9	49.9	51.3	13:13:24		51.3	51.3	41.3	13:19:55		41.3	41.3
48.3	12:59:02		48.3	48.3	51.8	13:13:25		51.8	51.8	40.6	13:19:56		40.6	40.6
48.3	12:59:03		48.3	48.3	53.1	13:13:26		53.1	53.1	40.2	13:19:57		40.2	40.2
52.4	12:59:04		52.4	52.4	55.4	13:13:27		55.4	55.4	40.4	13:19:58		40.4	40.4
54.4	12:59:05		54.4	54.4	58.0	13:13:28		58.0	58.0	40.6	13:19:59		40.6	40.6
50.8	12:59:06		50.8	50.8	63.5	13:13:29		63.5	63.5	39.5	13:20:00		39.5	39.5
47.1	12:59:07		47.1	47.1	68.0	13:13:30		68.0	68.0	39.3	13:20:01		39.3	39.3
44.3	12:59:08		44.3	44.3	70.1	13:13:31		70.1	70.1	45.8	13:20:02		45.8	45.8
43.0	12:59:09		43.0	43.0	68.4	13:13:32		68.4	68.4	47.9	13:20:03		47.9	47.9
44.3	12:59:10		44.3	44.3	64.9	13:13:33		64.9	64.9	45.4	13:20:04		45.4	45.4
44.2	12:59:11		44.2	44.2	61.2	13:13:34		61.2	61.2	43.4	13:20:05		43.4	43.4
47.3	12:59:12		47.3	47.3	57.9	13:13:35		57.9	57.9	42.9	13:20:06		42.9	42.9
51.3	12:59:13		51.3	51.3	55.5	13:13:36		55.5	55.5	43.6	13:20:07		43.6	43.6
49.4	12:59:14		49.4	49.4	54.5	13:13:37		54.5	54.5	44.0	13:20:08		44.0	44.0
47.4	12:59:15		47.4	47.4	53.8	13:13:38		53.8	53.8	44.1	13:20:09		44.1	44.1
46.4	12:59:16		46.4	46.4	54.5	13:13:39		54.5	54.5	42.9	13:20:10		42.9	42.9
46.4	12:59:17		46.4	46.4	56.0	13:13:40		56.0	56.0	41.9	13:20:11		41.9	41.9
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52.0	12:59:20		52.0	52.0	73.3	13:13:43		73.3	73.3	42.2	13:20:14		42.2	42.2
48.5	12:59:21		48.5	48.5	71.8	13:13:44		71.8	71.8	41.2	13:20:15		41.2	41.2
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43.5	12:59:23		43.5	43.5	64.9	13:13:46		64.9	64.9	39.2	13:20:17		39.2	39.2
43.3	12:59:24		43.3	43.3	61.5	13:13:47		61.5	61.5	38.1	13:20:18		38.1	38.1
45.9	12:59:25		45.9	45.9	58.3	13:13:48		58.3	58.3	40.0	13:20:19		40.0	40.0
48.3	12:59:26		48.3	48.3	55.6	13:13:49		55.6	55.6	39.6	13:20:20		39.6	39.6
58.0	12:59:27		58.0	58.0	54.4	13:13:50		54.4	54.4	38.8	13:20:21		38.8	38.8
58.4	12:59:28		58.4	58.4	52.9	13:13:51		52.9	52.9	38.2	13:20:22		38.2	38.2
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55.0	12:59:30		55.0	55.0	51.6	13:13:53		51.6	51.6	38.8	13:20:24		38.8	38.8
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69.4	12:59:32		69.4	69.4	51.3	13:13:55		51.3	51.3	36.8	13:20:26		36.8	36.8
77.0	12:59:33		77.0	77.0	51.1	13:13:56		51.1	51.1	38.6	13:20:27		38.6	38.6
78.3	12:59:34		78.3	78.3	50.8	13:13:57		50.8	50.8	39.3	13:20:28		39.3	39.3
74.8	12:59:35		74.8	74.8	51.3	13:13:58		51.3	51.3	38.8	13:20:29		38.8	38.8
70.9	12:59:36		70.9	70.9	50.3	13:13:59		50.3	50.3	38.4	13:20:30		38.4	38.4
66.9	12:59:37		66.9	66.9	50.6	13:14:00		50.6	50.6	37.9	13:20:31		37.9	37.9
63.1	12:59:38		63.1	63.1	55.0	13:14:01		55.0	55.0	37.6	13:20:32		37.6	37.6
60.1	12:59:39		60.1	60.1	54.7	13:14:02		54.7	54.7	38.2	13:20:33		38.2	38.2
59.7	12:59:40		59.7	59.7	52.8	13:14:03		52.8	52.8	38.1	13:20:34		38.1	38.1
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60.8	12:59:42		60.8	60.8	50.4	13:14:05		50.4	50.4	39.6	13:20:36		39.6	39.6
56.9	12:59:43		56.9	56.9	51.4	13:14:06		51.4	51.4	39.4	13:20:37		39.4	39.4
53.1	12:59:44		53.1	53.1	51.7	13:14:07		51.7	51.7	39.8	13:20:38		39.8	39.8
53.1	12:59:45		53.1	53.1	52.6	13:14:08		52.6	52.6	40.6	13:20:39		40.6	40.6
55.9	12:59:46		55.9	55.9	53.6	13:14:09		53.6	53.6	40.3	13:20:40		40.3	40.3
53.4	12:59:47		53.4	53.4	55.7	13:14:10		55.7	55.7	40.4	13:20:41		40.4	40.4
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53.6	12:59:49		53.6	53.6	69.8	13:14:12		69.8	69.8	39.5	13:20:43		39.5	39.5
60.9	12:59:50		60.9	60.9	73.9	13:14:13		73.9	73.9	40.2	13:20:44		40.2	40.2
58.8	12:59:51		58.8	58.8	72.0	13:14:14		72.0	72.0	41.2	13:20:45		41.2	41.2
55.6	12:59:52		55.6	55.6	68.5	13:14:15		68.5	68.5	41.7	13:20:46		41.7	41.7
52.0	12:59:53		52.0	52.0	64.8	13:14:16		64.8	64.8	41.3	13:20:47		41.3	41.3
49.1	12:59:54		49.1	49.1	61.4	13:14:17		61.4	61.4	39.8	13:20:48		39.8	39.8
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48.5	12:59:56		48.5	48.5	56.4	13:14:19		56.4	56.4	41.2	13:20:50		41.2	41.2
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53.6	12:59:58		53.6	53.6	54.0	13:14:21		54.0	54.0	42.0	13:20:52		42.0	42.0
57.2	12:59:59		57.2	57.2	53.1	13:14:22		53.1	53.1	41.1	13:20:53		41.1	41.1
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56.1	13:00:01		56.1	56.1	52.6	13:14:24		52.6	52.6	41.1	13:20:55		41.1	41.1
54.4	13:00:02		54.4	54.4	52.1	13:14:25		52.1	52.1	41.2	13:20:56		41.2	41.2
51.9	13:00:03		51.9	51.9	51.6	13:14:26		51.6	51.6	42.2	13:20:57		42.2	42.2
59.9	13:00:04		59.9	59.9	50.8	13:14:27		50.8	50.8	42.6	13:20:58		42.6	42.6
58.8	13:00:05		58.8	58.8	51.2	13:14:28		51.2	51.2	43.8	13:20:59		43.8	43.8
54.8	13:00:06		54.8	54.8	51.7	13:14:29		51.7	51.7	42.8	13:21:00		42.8	42.8
51.8	13:00:07		51.8	51.8	51.1	13:14:30		51.1	51.1	41.8	13:21:01		41.8	41.8
50.6	13:00:08		50.6	50.6	50.9	13:14:31		50.9	50.9	41.5	13:21:02		41.5	41.5
50.6	13:00:09		50.6	50.6	50.6	13:14:32		50.6	50.6	41.8	13:21:03		41.8	41.8
47.3	13:00:10		47.3	47.3	52.0	13:14:33		52.0	52.0	40.7	13:21:04		40.7	40.7
44.6	13:00:11		44.6	44.6	52.1	13:14:34		52.1	52.1	39.9	13:21:05		39.9	39.9
43.5	13:00:12		43.5	43.5	51.5	13:14:35		51.5	51.5	40.1	13:21:06		40.1	40.1
45.1	13:00:13		45.1	45.1	50.8	13:14:36		50.8	50.8	40.2	13:21:07		40.2	40.2
49.9	13:00:14		49.9	49.9	50.5	13:14:37		50.5	50.5	41.3	13:21:08		41.3	41.3
51.1	13:00:15		51.1	51.1	50.8	13:14:38		50.8	50.8	40.6	13:21:09		40.6	40.6
48.9	13:00:16		48.9	48.9	51.3	13:14:39		51.3	51.3	40.1	13:21:10		40.1	40.1
48.1	13:00:17		48.1	48.1	51.7	13:14:40		51.7	51.7	41.5	13:21:11		41.5	41.5
46.4	13:00:18		46.4	46.4	50.7	13:14:41		50.7	50.7	42.8	13:21:12		42.8	42.8
50.6	13:00:19		50.6	50.6	51.0	13:14:42		51.0	51.0	41.8	13:21:13		41.8	41.8
53.8	13:00:20		53.8	53.8	51.8	13:14:43		51.8	51.8	41.0	13:21:14		41.0	41.0
56.2	13:00:21		56.2	56.2	50.4	13:14:44		50.4	50.4	41.4	13:21:15		41.4	41.4
56.4	13:00:22		56.4	56.4	50.5	13:14:45		50.5	50.5	41.9	13:21:16		41.9	41.9
52.6	13:00:23		52.6	52.6	50.1	13:14:46		50.1	50.1	40.9	13:21:17		40.9	40.9
49.1	13:00:24		49.1	49.1	51.8	13:14:47		51.8	51.8	40.1	13:21:18		40.1	40.1
46.4	13:00:25		46.4	46.4	51.5	13:14:48		51.5	51.5	41.1	13:21:19		41.1	41.1
50.0	13:00:26		50.0	50.0	52.4	13:14:49		52.4	52.4	42.2	13:21:20		42.2	42.2
58.1	13:00:27		58.1	58.1	52.5	13:14:50		52.5	52.5	42.0	13:21:21		42.0	42.0
58.8	13:00:28		58.8	58.8	51.3	13:14:51		51.3	51.3	41.6	13:21:22		41.6	41.6
56.2	13:00:29		56.2	56.2	51.3	13:14:52		51.3	51.3	42.3	13:21:23		42.3	42.3
52.2	13:00:30		52.2	52.2	51.9	13:14:53		51.9	51.9	41.6	13:21:24		41.6	41.6
49.4	13:00:31		49.4	49.4	51.2	13:14:54		51.2	51.2	42.6	13:21:25		42.6	42.6
48.5	13:00:32		48.5	48.5	50.3	13:14:55		50.3	50.3	44.0	13:21:26		44.0	44.0
46.1	13:00:33		46.1	46.1	50.1	13:14:56		50.1	50.1	44.8	13:21:27		44.8	44.8
47.1	13:00:34		47.1	47.1	50.8	13:14:57		50.8	50.8	43.5	13:21:28		43.5	43.5
52.2	13:00:35		52.2	52.2	51.1	13:14:58		51.1	51.1	42.4	13:21:29		42.4	42.4
51.2	13:00:36		51.2	51.2	55.2	13:14:59		55.2	55.2	41.7	13:21:30		41.7	41.7
48.9	13:00:37		48.9	48.9	55.3	13:15:00		55.3	55.3	41.7	13:21:31		41.7	41.7
47.8	13:00:38		47.8	47.8	53.1	13:15:01		53.1	53.1	41.8	13:21:32		41.8	41.8
46.0	13:00:39		46.0	46.0	52.9	13:15:02		52.9	52.9	41.5	13:21:33		41.5	41.5
46.3	13:00:40		46.3	46.3	53.7	13:15:03		53.7	53.7	42.1	13:21:34		42.1	42.1
47.6	13:00:41		47.6	47.6	52.1	13:15:04		52.1	52.1	43.4	13:21:35		43.4	43.4
49.2	13:00:42		49.2	49.2	50.7	13:15:05		50.7	50.7	43.5	13:21:36		43.5	43.5
53.6	13:00:43		53.6	53.6	49.6	13:15:06		49.6	49.6	42.9	13:21:37		42.9	42.9
61.7	13:00:44		61.7	61.7	50.1	13:15:07		50.1	50.1	42.3	13:21:38		42.3	42.3
66.5	13:00:45		66.5	66.5	51.1	13:15:08		51.1	51.1	42.1	13:21:39		42.1	42.1
71.8	13:00:46		71.8	71.8	51.4	13:15:09		51.4	51.4	41.6	13:21:40		41.6	41.6
76.0	13:00:47		76.0	76.0	50.4	13:15:10		50.4	50.4	41.1	13:21:41		41.1	41.1
74.2	13:00:48		74.2	74.2	51.2	13:15:11		51.2	51.2	42.3	13:21:42		42.3	42.3
70.3	13:00:49		70.3	70.3	52.5	13:15:12		52.5	52.5	42.1	13:21:43		42.1	42.1
66.3	13:00:50		66.3	66.3	52.9	13:15:13		52.9	52.9	41.3	13:21:44		41.3	41.3
62.4	13:00:51		62.4	62.4	51.7	13:15:14		51.7	51.7	41.3	13:21:45		41.3	41.3
59.2	13:00:52		59.2	59.2	49.6	13:15:15		49.6	49.6	41.8	13:21:46		41.8	41.8
55.4	13:00:53		55.4	55.4	49.6	13:15:16		49.6	49.6	42.3	13:21:47		42.3	42.3
51.8	13:00:54		51.8	51.8	50.5	13:15:17		50.5	50.5	41.4	13:21:48		41.4	41.4
48.4	13:00:55		48.4	48.4	50.8	13:15:18		50.8	50.8	41.5	13:21:49		41.5	41.5

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
45.5	13:00:56		45.5	45.5
44.3	13:00:57		44.3	44.3
44.4	13:00:58		44.4	44.4
53.4	13:00:59		53.4	53.4
52.2	13:01:00		52.2	52.2
49.4	13:01:01		49.4	49.4
46.4	13:01:02		46.4	46.4
46.9	13:01:03		46.9	46.9
46.1	13:01:04		46.1	46.1
45.7	13:01:05		45.7	45.7
49.8	13:01:06		49.8	49.8
52.4	13:01:07		52.4	52.4
49.9	13:01:08		49.9	49.9
46.5	13:01:09		46.5	46.5
53.3	13:01:10		53.3	53.3
50.0	13:01:11		50.0	50.0
58.2	13:01:12		58.2	58.2
57.2	13:01:13		57.2	57.2
57.2	13:01:14		57.2	57.2
55.5	13:01:15		55.5	55.5
51.5	13:01:16		51.5	51.5
47.7	13:01:17		47.7	47.7
45.5	13:01:18		45.5	45.5
44.8	13:01:19		44.8	44.8
43.0	13:01:20		43.0	43.0
41.9	13:01:21		41.9	41.9
42.1	13:01:22		42.1	42.1
41.9	13:01:23		41.9	41.9
41.5	13:01:24		41.5	41.5
40.5	13:01:25		40.5	40.5
45.7	13:01:26		45.7	45.7
53.9	13:01:27		53.9	53.9
50.5	13:01:28		50.5	50.5
47.8	13:01:29		47.8	47.8
45.2	13:01:30		45.2	45.2
44.3	13:01:31		44.3	44.3
43.8	13:01:32		43.8	43.8
43.4	13:01:33		43.4	43.4
44.2	13:01:34		44.2	44.2
46.3	13:01:35		46.3	46.3
46.8	13:01:36		46.8	46.8
50.7	13:01:37		50.7	50.7
50.2	13:01:38		50.2	50.2
54.2	13:01:39		54.2	54.2
54.7	13:01:40		54.7	54.7
56.4	13:01:41		56.4	56.4
55.7	13:01:42		55.7	55.7
52.8	13:01:43		52.8	52.8
52.4	13:01:44		52.4	52.4
54.5	13:01:45		54.5	54.5
54.1	13:01:46		54.1	54.1
52.7	13:01:47		52.7	52.7
52.1	13:01:48		52.1	52.1
51.0	13:01:49		51.0	51.0
51.1	13:01:50		51.1	51.1
55.7	13:01:51		55.7	55.7
56.8	13:01:52		56.8	56.8
58.8	13:01:53		58.8	58.8
62.0	13:01:54		62.0	62.0
63.8	13:01:55		63.8	63.8
67.4	13:01:56		67.4	67.4
70.3	13:01:57		70.3	70.3
68.1	13:01:58		68.1	68.1
64.5	13:01:59		64.5	64.5
61.0	13:02:00		61.0	61.0
58.5	13:02:01		58.5	58.5
55.9	13:02:02		55.9	55.9
52.5	13:02:03		52.5	52.5
49.3	13:02:04		49.3	49.3
46.8	13:02:05		46.8	46.8
45.1	13:02:06		45.1	45.1
44.9	13:02:07		44.9	44.9
54.8	13:02:08		54.8	54.8
52.1	13:02:09		52.1	52.1
51.7	13:02:10		51.7	51.7
48.7	13:02:11		48.7	48.7
46.3	13:02:12		46.3	46.3
49.7	13:02:13		49.7	49.7
55.9	13:02:14		55.9	55.9
53.9	13:02:15		53.9	53.9
51.2	13:02:16		51.2	51.2
50.6	13:02:17		50.6	50.6
49.8	13:02:18		49.8	49.8
50.0	13:02:19		50.0	50.0
47.5	13:02:20		47.5	47.5
46.3	13:02:21		46.3	46.3
44.5	13:02:22		44.5	44.5
43.5	13:02:23		43.5	43.5
43.2	13:02:24		43.2	43.2
43.1	13:02:25		43.1	43.1
42.2	13:02:26		42.2	42.2
42.4	13:02:27		42.4	42.4
42.0	13:02:28		42.0	42.0
41.7	13:02:29		41.7	41.7
42.0	13:02:30		42.0	42.0
43.4	13:02:31		43.4	43.4
48.2	13:02:32		48.2	48.2
49.9	13:02:33		49.9	49.9
47.8	13:02:34		47.8	47.8
45.4	13:02:35		45.4	45.4
46.2	13:02:36		46.2	46.2
45.3	13:02:37		45.3	45.3
43.7	13:02:38		43.7	43.7
42.7	13:02:39		42.7	42.7
42.5	13:02:40		42.5	42.5
42.5	13:02:41		42.5	42.5
42.8	13:02:42		42.8	42.8
44.7	13:02:43		44.7	44.7
46.0	13:02:44		46.0	46.0
43.9	13:02:45		43.9	43.9
43.7	13:02:46		43.7	43.7
46.8	13:02:47		46.8	46.8
44.9	13:02:48		44.9	44.9
43.3	13:02:49		43.3	43.3
44.9	13:02:50		44.9	44.9
44.4	13:02:51		44.4	44.4
43.3	13:02:52		43.3	43.3
43.9	13:02:53		43.9	43.9
48.5	13:02:54		48.5	48.5
50.7	13:02:55		50.7	50.7
51.0	13:02:56		51.0	51.0
50.5	13:02:57		50.5	50.5
48.4	13:02:58		48.4	48.4
47.0	13:02:59		47.0	47.0
47.3	13:03:00		47.3	47.3
46.4	13:03:01		46.4	46.4
44.7	13:03:02		44.7	44.7
43.9	13:03:03		43.9	43.9
43.4	13:03:04		43.4	43.4
44.2	13:03:05		44.2	44.2
47.7	13:03:06		47.7	47.7
47.3	13:03:07		47.3	47.3
49.1	13:03:08		49.1	49.1
52.3	13:03:09		52.3	52.3
52.4	13:03:10		52.4	52.4
49.3	13:03:11		49.3	49.3
46.4	13:03:12		46.4	46.4
44.5	13:03:13		44.5	44.5
45.0	13:03:14		45.0	45.0
45.3	13:03:15		45.3	45.3
44.5	13:03:16		44.5	44.5
44.3	13:03:17		44.3	44.3
43.0	13:03:18		43.0	43.0
42.1	13:03:19		42.1	42.1
41.2	13:03:20		41.2	41.2
42.2	13:03:21		42.2	42.2
42.5	13:03:22		42.5	42.5
43.1	13:03:23		43.1	43.1
45.0	13:03:24		45.0	45.0
43.8	13:03:25		43.8	43.8
47.4	13:03:26		47.4	47.4
50.7	13:03:27		50.7	50.7
50.0	13:03:28		50.0	50.0
46.8	13:03:29		46.8	46.8
45.4	13:03:30		45.4	45.4
45.0	13:03:31		45.0	45.0
44.7	13:03:32		44.7	44.7
46.4	13:03:33		46.4	46.4
52.4	13:03:34		52.4	52.4
54.2	13:03:35		54.2	54.2
50.9	13:03:36		50.9	50.9
48.2	13:03:37		48.2	48.2
46.7	13:03:38		46.7	46.7
45.9	13:03:39		45.9	45.9
46.1	13:03:40		46.1	46.1
47.3	13:03:41		47.3	47.3
48.7	13:03:42		48.7	48.7
46.9	13:03:43		46.9	46.9
46.0	13:03:44		46.0	46.0
44.9	13:03:45		44.9	44.9
44.8	13:03:46		44.8	44.8
49.2	13:03:47		49.2	49.2
50.1	13:03:48		50.1	50.1
49.0	13:03:49		49.0	49.0

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
51.4	13:15:19		51.4	51.4
51.3	13:15:20		51.3	51.3
50.9	13:15:21		50.9	50.9
51.1	13:15:22		51.1	51.1
52.5	13:15:23		52.5	52.5
51.9	13:15:24		51.9	51.9
52.4	13:15:25		52.4	52.4
53.1	13:15:26		53.1	53.1
55.4	13:15:27		55.4	55.4
57.9	13:15:28		57.9	57.9
64.3	13:15:29		64.3	64.3
75.5	13:15:30		75.5	75.5
76.5	13:15:31		76.5	76.5
73.1	13:15:32		73.1	73.1
70.3	13:15:33		70.3	70.3
67.2	13:15:34		67.2	67.2
64.2	13:15:35		64.2	64.2
62.0	13:15:36		62.0	62.0
60.6	13:15:37		60.6	60.6
71.3	13:15:38		71.3	71.3
70.5	13:15:39		70.5	70.5
67.5	13:15:40		67.5	67.5
64.2	13:15:41		64.2	64.2
61.1	13:15:42		61.1	61.1
58.0	13:15:43		58.0	58.0
55.9	13:15:44		55.9	55.9
55.2	13:15:45		55.2	55.2
55.0	13:15:46		55.0	55.0
55.3	13:15:47		55.3	55.3
54.5	13:15:48		54.5	54.5
54.0	13:15:49		54.0	54.0
55.7	13:15:50		55.7	55.7
58.9	13:15:51		58.9	58.9
68.2	13:15:52		68.2	68.2
73.7	13:15:53		73.7	73.7
72.3	13:15:54		72.3	72.3
69.1	13:15:55		69.1	69.1
65.8	13:15:56		65.8	65.8
62.5	13:15:57		62.5	62.5
59.3	13:15:58		59.3	59.3
56.8	13:15:59		56.8	56.8
55.1	13:16:00		55.1	55.1
53.9	13:16:01		53.9	53.9
57.0	13:16:02		57.0	57.0
55.5	13:16:03		55.5	55.5
53.0	13:16:04		53.0	53.0
51.3	13:16:05		51.3	51.3
51.3	13:16:06		51.3	51.3
51.3	13:16:07		51.3	51.3
50.9	13:16:08		50.9	50.9
51.2	13:16:09		51.2	51.2
51.4	13:16:10		51.4	51.4
51.5	13:16:11		51.5	51.5
51.8	13:16:12		51.8	51.8
52.7	13:16:13		52.7	52.7
52.1	13:16:14		52.1	52.1
51.2	13:16:15		51.2	51.2
49.8	13:16:16		49.8	49.8
50.8	13:16:17		50.8	50.8
51.8	13:16:18		51.8	51.8
52.2	13:16:19		52.2	52.2
52.4	13:16:20		52.4	52.4
52.7	13:16:21		52.7	52.7
54.0	13:16:22		54.0	54.0
53.9	13:16:23		53.9	53.9
55.7	13:16:24		55.7	55.7
59.8	13:16:25		59.8	59.8
67.6	13:16:26		67.6	67.6
71.0	13:16:27		71.0	71.0
72.6	13:16:28		72.6	72.6
70.9	13:16:29		70.9	70.9
67.6	13:16:30		67.6	67.6
64.2	13:16:31		64.2	64.2
60.9	13:16:32		60.9	60.9
58.3	13:16:33		58.3	58.3
57.2	13:16:34		57.2	57.2
57.5	13:16:35		57.5	57.5
58.2	13:16:36		58.2	58.2
60.0	13:16:37		60.0	60.0
63.0	13:16:38		63.0	63.0
61.4	13:16:39		61.4	61.4
60.7	13:16:40		60.7	60.7
59.6	13:16:41		59.6	59.6
58.4	13:16:42		58.4	58.4
57.8	13:16:43		57.8	57.8
57.4	13:16:44		57.4	57.4
56.4	13:16:45		56.4	56.4
55.5	13:16:46		55.5	55.5
54.9	13:16:47		54.9	54.9
53.8	13:16:48		53.8	53.8
54.2	13:16:49		54.2	54.2
54.4	13:16:50		54.4	54.4
53.4	13:16:51		53.4	53.4
53.7	13:16:52		53.7	53.7
54.3	13:16:53		54.3	54.3
54.2	13:16:54		54.2	54.2
53.1	13:16:55		53.1	53.1
53.7	13:16:56		53.7	53.7
55.7	13:16:57		55.7	55.7
57.1	13:16:58		57.1	57.1
57.0	13:16:59		57.0	57.0
61.3	13:17:00		61.3	61.3
68.1	13:17:01		68.1	68.1
70.6	13:17:02		70.6	70.6
68.4	13:17:03		68.4	68.4
64.8	13:17:04		64.8	64.8
61.4	13:17:05		61.4	61.4
58.1	13:17:06		58.1	58.1
56.2	13:17:07		56.2	56.2
54.5	13:17:08		54.5	54.5
55.1	13:17:09		55.1	55.1
54.5	13:17:10		54.5	54.5
53.5	13:17:11		53.5	53.5
53.2	13:17:12		53.2	53.2
53.8	13:17:13		53.8	53.8
54.5	13:17:14		54.5	54.5
54.1	13:17:15		54.1	54.1
53.5	13:17:16		53.5	53.5
54.0	13:17:17		54.0	54.0
54.4	13:17:18		54.4	54.4
54.9	13:17:19		54.9	54.9
53.7	13:17:20		53.7	53.7
53.0	13:17:21		53.0	53.0
53.2	13:17:22		53.2	53.2
53.3	13:17:23		53.3	53.3
53.2	13:17:24		53.2	53.2
53.2	13:17:25		53.2	53.2
54.1	13:17:26		54.1	54.1
53.8	13:17:27		53.8	53.8
55.0	13:17:28		55.0	55.0
55.2	13:17:29		55.2	55.2
54.0	13:17:30		54.0	54.0
53.5	13:17:31		53.5	53.5
54.4	13:17:32		54.4	54.4
57.6	13:17:33		57.6	57.6
65.1	13:17:34		65.1	65.1
71.7	13:17:35		71.7	71.7
71.2	13:17:36		71.2	71.2
67.9	13:17:37		67.9	67.9
64.3	13:17:38		64.3	64.3
60.9	13:17:39		60.9	60.9
58.0	13:17:40		58.0	58.0
57.1	13:17:41		57.1	57.1
56.4	13:17:42		56.4	56.4
55.1	13:17:43		55.1	55.1
54.6	13:17:44		54.6	54.6
54.9	13:17:45		54.9	54.9
55.8	13:17:46		55.8	55.8
55.7	13:17:47		55.7	55.7
55.3	13:17:48		55.3	55.3
56.0	13:17:49		56.0	56.0
57.9	13:17:50		57.9	57.9
61.8	13:17:51		61.8	61.8
69.4	13:17:52		69.4	69.4
71.3	13:17:53		71.3	71.3
69.2	13:17:54		69.2	69.2
65.7	13:17:55		65.7	65.7
61.9	13:17:56		61.9	61.9
59.0	13:17:57		59.0	59.0
57.0	13:17:58		57.0	57.0
55.8	13:17:59		55.8	55.8
54.9	13:18:00		54.9	54.9
55.0	13:18:01		55.0	55.0
53.5	13:18:02		53.5	53.5
52.8	13:18:03		52.8	52.8
53.5	13:18:04		53.5	53.5
53.5	13:18:05		53.5	53.5
52.4	13:18:06		52.4	52.4
53.1	13:18:07		53.1	53.1
55.2	13:18:08		55.2	55.2
56.4	13:18:09		56.4	56.4
54.8	13:18:10		54.8	54.8
52.9	13:18:11		52.9	52.9
53.5	13:18:12		53.5	53.5

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
40.9	13:21:30		40.9	40.9
40.3	13:21:31		40.3	40.3
39.5	13:21:32		39.5	39.5
39.7	13:21:33		39.7	39.7
40.5	13:21:34		40.5	40.5
41.3	13:21:35		41.3	41.3
42.0	13:21:36		42.0	42.0
41.8	13:21:37		41.8	41.8
41.1	13:21:38		41.1	41.1
40.7	13:21:39		40.7	40.7
40.5	13:22:00		40.5	40.5
40.6	13:22:01		40.6	40.6
40.7	13:22:02		40.7	40.7
39.8	13:22:03		39.8	39.8
39.6	13:22:04		39.6	39.6
39.4	13:22:05		39.4	39.4
39.5	13:22:06		39.5	39.5
40.3	13:22:07		40.3	40.3
40.8	13:22:08		40.8	40.8
40.9	13:22:09		40.9	40.9
41.3	13:22:10		41.3	41.3
41.6	13:22:11		41.6	41.6
43.2	13:22:12		43.2	43.2
43.4	13:22:13		43.4	43.4
43.3	13:22:14		43.3	43.3
42.8	13:22:15		42.8	42.8
43.2	13:22:16		43.2	43.2
43.3	13:22:17		43.3	43.3
43.1	13:22:18		43.1	43.1
43.9	13:22:19		43.9	43.9
43.4	13:22:20		43.4	43.4
43.3	13:22:21		43.3	43.3
43.0	13:22:22		43.0	43.0
43.0	13:22:23		43.0	43.0
43.8	13:22:24		43.8	43.8
44.0	13:22:25		44.0	44.0
44.0	13:22:26		44.0	44.0
43.5	13:22:27		43.5	43.5
42.5	13:22:28		42.5	42.5
44.6	13:22:29		44.6	44.6
44.1	13:22:30		44.1	44.1
42.3	13:22:31		42.3	42.3
40.9	13:22:32		40.9	40.9
39.8	13:22:33		39.8	39.8
39.8	13:22:34		39.8	39.8
39.9	13:22:35		39.9	39.9
40.1	13:22:36		40.1	40.1
39.2	13:22:37		39.2	39.2
38.7	13:22:38		38.7	38.7
38.6	13:22:39		38.6	38.6
38.9	13:22:40		38.9	38.9
38.7	13:22:41		38.7	38.7
38.9	13:22:42		38.9	38.9
39.2	13:22:43		39.2	39.2
39.8	13:22:44		39.8	39.8
39.8	13:22:45		39.8	39.8
39.5	13:22:46		39.5	39.5
38.8	13:22:47		38.8	38.8
38.8	13:22:48		38.8	38.8
39.0	13:22:49		39.0	39.0
38.4	13:22:50		38.4	38.4
38.3	13:22:51		38.3	38.3
38.5	13:22:52		38.5	38.5
38.1	13:22:53		38.1	38.1
38.8	13:22:54		38.8	38.8
38.4	13:22:55		38.4	38.4
38.4	13:22:56		38.4	38.4
38.9	13:22:57		38.9	38.9
38.4	13:22:58		38.4	38.4
39.0	13:22:59		39.0	39.0
39.3	13:23:00		39.3	39.3
38.5	13:23:01		38.5	38.5
38.3	13:23:02		38.3	38.3
38.9	13:23:03		38.9	38.9
39.4	13:23:04		39.4	39.4
40.5	13:23:05		40.5	40.5
40.0	13:23:06		40.0	40.0
39.1	13:23:07		39.1	39.1
38.6	13:23:08		38.6	38.6
38.7	13:23:09		38.7	38.7
38.9	13:23:10		38.9	38.9
38.6	13:23:11		38.6	38.6
38.8	13:23:12		38.8	38.8
38.7	13:23:13		38.7	38.7
38.6	13:23:14		38.6	38.6
38.0	13:23:15		38.0	38.0
37.7	13:23:16		37.7	37.7
37.4	13:23:17		37.4	37.4
37.9	13:23:18		37.9	37.9
38.7	13:23:19		38.7	38.7
38.5	13:23:20		38.5	38.5
38.8	13:23:21		38.8	38.8
39.2	13:23:22		39.2	39.2
39.4	13:23:23		39.4	39.4
39.2	13:23:24		39.2	39.2
40.0	13:23:25		40.0	40.0
41.0	13:23:26		41.0	41.0
40.1	13:23:27		40.1	40.1
39.1	13:23:28		39.1	39.1
39.2	13:23:29		39.2	39.2
39.3	13:23:30		39.3	39.3
39.7	13:23:31		39.7	39.7
39.7	13:23:32		39.7	39.7
39.7	13:23:33		39.7	39.7
39.3	13:23:34		39.3	39.3
39.2	13:23:35		39.2	39.2
39.6	13:23:36		39.6	39.6
39.6	13:23:37		39.6	39.6
39.9	13:23:38		39.9	39.9
40.0	13:23:39		40.0	40.0
39.8	13:23:40		39.8	39.8
39.3	13:23:41		39.3	39.3
39.2	13:23:42		39.2	39.2
39.0	13:23:43		39.0	39.0
38.2	13:23:44		38.2	38.2
39.2	13:23:45		39.2	39.2
38.8	13:23:46		38.8	38.8
38.5	13:23:47		38.5	38.5
39.1	13:23:48		39.1	39.1
39.4	13:23:49		39.4	39.4
39.2	13:23:50		39.2	39.2
38.5	13:23:51		38.5	38.5
38.2	13:23:52		38.2	38.2
37.9	13:23:53		37.9	37.9
37.6	13:23:54		37.6	37.6
37.1	13:23:55		37.1	37.1
36.7	13:23:56		36.7	36.7
36.8	13:23:57		36.8	36.8
37.4	13:23:58		37.4	37.4
38.3	13:23:59		38.3	38.3
37.8	13:24:00		37.8	37.8
37.1	13:24:01		37.1	37.1
37.2	13:24:02		37.2	37.2
37.0	13:24:03		37.0	37.0
36.9	13:24:04		36.9	36.9
37.0	13:24:05		37.0	37.0
36.7	13:24:06		36.7	36.7
37.0	13:24:07		37.0	37.0
37.0	13:24:08		37.0	37.0
36.9	13:24:09		36.9	36.9
36.6	13:24:10		36.6	36.6
36.2	13:24:11		36.2	36.2
36.0	13:24:12		36.0	36.0
35.8	13:24:13		35.8	35.8
35.8	13:24:14		35.8	35.8
35.8	13:24:15		35.8	35.8
35.9	13:24:16		35.9	35.9
36.1	13:24:17		36.1	36.1
36.3	13:24:18		36.3	36.3
36.3	13:24:19		36.3	36.3
36.6	13:24:20		36.6	36.6
36.5	13:24:21		36.5	36.5
36.3	13:24:22		36.3	36.3
36.4	13:24:23		36.4	36.4
36.6	13:24:24		36.6	36.6
36.5	13:24:25		36.5	36.5
37.1	13:24:26		37.1	37.1
37.5	13:24:27		37.5	37.5
37.7	13:24:28		37.7	37.7
37.1	13:24:29		37.1	37.1
36.7	13:24:30		36.7	36.7
36.6	13:24:31		36.6	36.6
36.9	13:24:32		36.9	36.9
36.8	13:24:33		36.8	36.8
38.7	13:24:34		38.7	38.7
37.8	13:24:35		37.8	37.8
38.0	13:24:36		38.0	38.0
38.1	13:24:37		38.1	38.1
37.8	13:24:38		37.8	37.8
37.4	13:24:39		37.4	37.4
36.9	13:24:40		36.9	36.9
37.2	13:24:41		37.2	37.2
37.0	13:24:42		37.0	37.0
37.0	13:24:43		37.0	37.0

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
49.1	13:03:50		49.1	49.1
48.6	13:03:51		48.6	48.6
47.7	13:03:52		47.7	47.7
49.2	13:03:53		49.2	49.2
54.9	13:03:54		54.9	54.9
55.1	13:03:55		55.1	55.1
53.2	13:03:56		53.2	53.2
50.9	13:03:57		50.9	50.9
49.7	13:03:58		49.7	49.7
48.8	13:03:59		48.8	48.8
49.1	13:04:00		49.1	49.1
48.5	13:04:01		48.5	48.5
50.3	13:04:02		50.3	50.3
48.5	13:04:03		48.5	48.5
46.6	13:04:04		46.6	46.6
45.8	13:04:05		45.8	45.8
46.3	13:04:06		46.3	46.3
46.9	13:04:07		46.9	46.9
47.1	13:04:08		47.1	47.1
51.2	13:04:09		51.2	51.2
52.4	13:04:10		52.4	52.4
51.2	13:04:11		51.2	51.2
48.3	13:04:12		48.3	48.3
45.6	13:04:13		45.6	45.6
44.6	13:04:14		44.6	44.6
44.9	13:04:15		44.9	44.9
44.9	13:04:16		44.9	44.9
43.9	13:04:17		43.9	43.9
42.8	13:04:18		42.8	42.8
48.7	13:04:19		48.7	48.7
49.0	13:04:20		49.0	49.0
46.9	13:04:21		46.9	46.9
48.5	13:04:22		48.5	48.5
53.7	13:04:23		53.7	53.7
54.2	13:04:24		54.2	54.2
55.6	13:04:25		55.6	55.6
52.5	13:04:26		52.5	52.5
49.9	13:04:27		49.9	49.9
46.9	13:04:28		46.9	46.9
44.4	13:04:29		44.4	44.4
43.6	13:04:30		43.6	43.6
43.1	13:04:31		43.1	43.1
49.0	13:04:32		49.0	49.0
47.6	13:04:33		47.6	47.6
47.1	13:04:34		47.1	47.1
48.9	13:04:35		48.9	48.9
47.6	13:04:36		47.6	47.6
45.6	13:04:37		45.6	45.6
43.9	13:04:38		43.9	43.9
45.4	13:04:39		45.4	45.4
48.1	13:04:40		48.1	48.1
46.7	13:04:41		46.7	46.7
44.8	13:04:42		44.8	44.8
42.9	13:04:43		42.9	42.9
42.5	13:04:44		42.5	42.5
46.4	13:04:45		46.4	46.4
47.3	13:04:46		47.3	47.3
46.8	13:04:47		46.8	46.8
44.5	13:04:48		44.5	44.5
43.7	13:04:49		43.7	43.7
42.9	13:04:50		42.9	42.9
46.3	13:04:51		46.3	46.3
50.2	13:04:52		50.2	50.2
51.8	13:04:53		51.8	51.8
49.2	13:04:54		49.2	49.2
47.4	13:04:55		47.4	47.4
49.9	13:04:56		49.9	49.9
47.7	13:04:57		47.7	47.7
45.1	13:04:58		45.1	45.1
45.1	13:04:59		45.1	45.1
46.7	13:05:00		46.7	46.7
46.8	13:05:01		46.8	46.8
44.4	13:05:02		44.4	44.4
44.0	13:05:03		44.0	44.0
45.5	13:05:04		45.5	45.5
46.1	13:05:05		46.1	46.1
47.2	13:05:06		47.2	47.2
50.9	13:05:07		50.9	50.9
48.5	13:05:08		48.5	48.5
45.7	13:05:09		45.7	45.7
44.2	13:05:10		44.2	44.2
43.8	13:05:11		43.8	43.8
43.4	13:05:12		43.4	43.4
47.3	13:05:13		47.3	47.3
47.7	13:05:14		47.7	47.7
46.1	13:05:15		46.1	46.1
44.7	13:05:16		44.7	44.7
43.0	13:05:17		43.0	43.0
41.9	13:05:18		41.9	41.9
43.4	13:05:19		43.4	43.4
43.2	13:05:20		43.2	43.2
42.7	13:05:21		42.7	42.7
43.0	13:05:22		43.0	43.0
45.0	13:05:23		45.0	45.0
45.5	13:05:24		45.5	45.5
47.1	13:05:25		47.1	47.1
47.2	13:05:26		47.2	47.2
45.3	13:05:27		45.3	45.3
47.0	13:05:28		47.0	47.0
52.2	13:05:29		52.2	52.2
53.0	13:05:30		53.0	53.0
50.6	13:05:31		50.6	50.6
49.6	13:05:32		49.6	49.6
49.5	13:05:33		49.5	49.5
50.6	13:05:34		50.6	50.6
50.6	13:05:35		50.6	50.6
52.1	13:05:36		52.1	52.1
54.1	13:05:37		54.1	54.1
52.6	13:05:38		52.6	52.6
50.2	13:05:39		50.2	50.2
50.9	13:05:40		50.9	50.9
55.9	13:05:41		55.9	55.9
56.3	13:05:42		56.3	56.3
52.8	13:05:43		52.8	52.8
49.7	13:05:44		49.7	49.7
48.0	13:05:45		48.0	48.0
47.0	13:05:46		47.0	47.0
46.1	13:05:47		46.1	46.1
44.9	13:05:48		44.9	44.9
48.7	13:05:49		48.7	48.7
54.2	13:05:50		54.2	54.2
52.8	13:05:51		52.8	52.8
50.9	13:05:52		50.9	50.9
48.5	13:05:53		48.5	48.5
46.4	13:05:54		46.4	46.4
47.3	13:05:55		47.3	47.3
49.1	13:05:56		49.1	49.1
48.3	13:05:57		48.3	48.3
49.8	13:05:58		49.8	49.8
49.3	13:05:59		49.3	49.3
47.3	13:06:00		47.3	47.3
47.1	13:06:01		47.1	47.1
47.0	13:06:02		47.0	47.0
46.7	13:06:03		46.7	46.7
46.5	13:06:04		46.5	46.5
47.0	13:06:05		47.0	47.0
48.0	13:06:06		48.0	48.0
47.5	13:06:07		47.5	47.5
45.7	13:06:08		45.7	45.7
48.4	13:06:09		48.4	48.4
51.6	13:06:10		51.6	51.6
48.2	13:06:11		48.2	48.2
46.1	13:06:12		46.1	46.1
45.5	13:06:13		45.5	45.5
43.0	13:06:14		43.0	43.0
41.5	13:06:15		41.5	41.5
40.4	13:06:16		40.4	40.4
40.6	13:06:17		40.6	40.6
42.6	13:06:18		42.6	42.6
42.2	13:06:19		42.2	42.2
41.4	13:06:20		41.4	41.4
41.5	13:06:21		41.5	41.5
42.1	13:06:22		42.1	42.1
43.6	13:06:23		43.6	43.6
47.0	13:06:24		47.0	47.0
46.1	13:06:25		46.1	46.1
44.3	13:06:26		44.3	44.3
45.2	13:06:27		45.2	45.2
44.5	13:06:28		44.5	44.5
48.0	13:06:29		48.0	48.0
53.7	13:06:30		53.7	53.7
53.7	13:06:31		53.7	53.7

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
53.3	13:18:13		53.3	53.3
53.4	13:18:14		53.4	53.4
53.9	13:18:15		53.9	53.9
54.0	13:18:16		54.0	54.0
53.7	13:18:17		53.7	53.7
52.8	13:18:18		52.8	52.8
52.7	13:18:19		52.7	52.7
53.9	13:18:20		53.9	53.9
53.7	13:18:21		53.7	53.7
52.5	13:18:22		52.5	52.5
52.6	13:18:23		52.6	52.6
53.0	13:18:24		53.0	53.0
52.8	13:18:25		52.8	52.8
53.2	13:18:26		53.2	53.2
52.7	13:18:27		52.7	52.7
52.6	13:18:28		52.6	52.6
53.4	13:18:29		53.4	53.4
53.7	13:18:30		53.7	53.7
53.6	13:18:31		53.6	53.6
53.8	13:18:32		53.8	53.8
53.5	13:18:33		53.5	53.5
53.5	13:18:34		53.5	53.5
54.6	13:18:35		54.6	54.6
56.0	13:18:36		56.0	56.0
57.9	13:18:37		57.9	57.9
57.4	13:18:38		57.4	57.4
56.6	13:18:39		56.6	56.6
55.5	13:18:40		55.5	55.5
55.7	13:18:41		55.7	55.7
57.1	13:18:42		57.1	57.1
59.1	13:18:43		59.1	59.1
60.2	13:18:44		60.2	60.2
61.0	13:18:45		61.0	61.0
60.7	13:18:46		60.7	60.7
59.3	13:18:47		59.3	59.3
58.1	13:18:48		58.1	58.1
57.2	13:18:49		57.2	57.2
56.4	13:18:50		56.4	56.4
56.2	13:18:51		56.2	56.2
57.3	13:18:52		57.3	57.3
60.9	13:18:53		60.9	60.9
66.7	13:18:54		66.7	66.7
70.2	13:18:55		70.2	70.2
68.5	13:18:56		68.5	68.5
64.9	13:18:57		64.9	64.9
61.8	13:18:58		61.8	61.8
59.3	13:18:59		59.3	59.3
56.9	13:19:00		56.9	56.9
55.7	13:19:01		55.7	55.7
54.8	13:19:02		54.8	54.8
54.0	13:19:03		54.0	54.0
53.8	13:19:04		53.8	53.8
53.5	13:19:05		53.5	53.5
53.6	13:19:06		53.6	53.6
53.4	13:19:07		53.4	53.4
52.8	13:19:08		52.8	52.8
54.0	13:19:09		54.0	54.0
54.1	13:19:10		54.1	54.1
54.3	13:19:11		54.3	54.3
53.8	13:19:12		53.8	53.8
53.9	13:19:13		53.9	53.9
53.6	13:19:14		53.6	53.6
54.1	13:19:15		54.1	54.1
54.7	13:19:16		54.7	54.7
54.0	13:19:17		54.0	54.0
54.3	13:19:18		54.3	54.3
54.5	13:19:19		54.5	54.5
55.3	13:19:20		55.3	55.3
57.2	13:19:21		57.2	57.2
66.2	13:19:22		66.2	66.2
63.7	13:19:23		63.7	63.7
61.1	13:19:24		61.1	61.1
58.6	13:19:25		58.6	58.6
56.1	13:19:26		56.1	56.1
55.8	13:19:27		55.8	55.8
55.7	13:19:28		55.7	55.7
55.2	13:19:29		55.2	55.2
55.7	13:19:30		55.7	55.7
56.9	13:19:31		56.9	56.9
59.1	13:19:32		59.1	59.1
59.1	13:19:33		59.1	59.1
58.1	13:19:34		58.1	58.1
58.8	13:19:35		58.8	58.8
58.5	13:19:36		58.5	58.5
58.7	13:19:37		58.7	58.7
59.1	13:19:38		59.1	59.1
59.3	13:19:39		59.3	59.3
60.3	13:19:40		60.3	60.3
62.0	13:19:41		62.0	62.0
66.4	13:19:42		66.4	66.4
68.1	13:19:43		68.1	68.1
67.0	13:19:44		67.0	67.0
66.4	13:19:45		66.4	66.4
65.2	13:19:46		65.2	65.2
63.8	13:19:47		63.8	63.8
63.9	13:19:48		63.9	63.9
64.1	13:19:49		64.1	64.1
63.2	13:19:50		63.2	63.2
63.5	13:19:51		63.5	63.5
68.0	13:19:52		68.0	68.0
70.7	13:19:53		70.7	70.7
70.6	13:19:54		70.6	70.6
68.3	13:19:55		68.3	68.3
65.5	13:19:56		65.5	65.5
62.8	13:19:57		62.8	62.8
61.1	13:19:58		61.1	61.1
60.1	13:19:59		60.1	60.1
60.5	13:20:00		60.5	60.5
61.8	13:20:01		61.8	61.8
62.0	13:20:02		62.0	62.0
62.6	13:20:03		62.6	62.6
65.1	13:20:04		65.1	65.1
65.1	13:20:05		65.1	65.1
65.4	13:20:06		65.4	65.4
66.5	13:20:07		66.5	66.5
66.6	13:20:08		66.6	66.6
68.2	13:20:09		68.2	68.2
69.3	13:20:10		69.3	69.3
70.3	13:20:11		70.3	70.3
70.2	13:20:12		70.2	70.2
68.9	13:20:13		68.9	68.9
67.3	13:20:14		67.3	67.3
66.6	13:20:15		66.6	66.6
66.0	13:20:16		66.0	66.0
65.3	13:20:17		65.3	65.3
64.5	13:20:18		64.5	64.5
63.8	13:20:19		63.8	63.8
63.2	13:20:20		63.2	63.2
62.9	13:20:21		62.9	62.9
62.8	13:20:22		62.8	62.8
63.1	13:20:23		63.1	63.1
62.3	13:20:24		62.3	62.3
62.6	13:20:25		62.6	62.6
64.0	13:20:26		64.0	64.0
65.7	13:20:27		65.7	65.7
67.6	13:20:28		67.6	67.6
68.0	13:20:29		68.0	68.0
68.6	13:20:30		68.6	68.6
68.4	13:20:31		68.4	68.4
67.8	13:20:32		67.8	67.8
65.9	13:20:33		65.9	65.9
63.0	13:20:34		63.0	63.0
60.4	13:20:35		60.4	60.4
58.7	13:20:36		58.7	58.7
58.0	13:20:37		58.0	58.0
58.3	13:20:38		58.3	58.3
60.7	13:20:39		60.7	60.7
62.0	13:20:40		62.0	62.0
60.8	13:20:41		60.8	60.8
58.4	13:20:42		58.4	58.4
55.6	13:20:43		55.6	55.6
53.7	13:20:44		53.7	53.7
52.6	13:20:45		52.6	52.6
52.6	13:20:46		52.6	52.6
53.3	13:20:47		53.3	53.3
52.7	13:20:48		52.7	52.7
52.5	13:20:49		52.5	52.5
54.0	13:20:50		54.0	54.0
53.6	13:20:51		53.6	53.6
55.3	13:20:52		55.3	55.3
54.3	13:20:53		54.3	54.3
52.8	13:20:54		52.8	52.8

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
36.7	13:24:44		36.7	36.7
36.3	13:24:45		36.3	36.3
35.9	13:24:46		35.9	35.9
35.9	13:24:47		35.9	35.9
36.5	13:24:48		36.5	36.5
37.1	13:24:49		37.1	37.1
36.6	13:24:50		36.6	36.6
36.5	13:24:51		36.5	36.5
36.8	13:24:52		36.8	36.8
36.8	13:24:53		36.8	36.8
36.8	13:24:54		36.8	36.8
37.1	13:24:55		37.1	37.1
37.2	13:24:56		37.2	37.2
37.0	13:24:57		37.0	37.0
37.9	13:24:58		37.9	37.9
39.2	13:24:59		39.2	39.2
38.9	13:25:00		38.9	38.9
38.2	13:25:01		38.2	38.2
37.6	13:25:02		37.6	37.6
37.1	13:25:03		37.1	37.1
37.0	13:25:04		37.0	37.0
36.8	13:25:05		36.8	36.8
36.5	13:25:06		36.5	36.5
36.6	13:25:07		36.6	36.6
36.6	13:25:08		36.6	36.6
36.7	13:25:09		36.7	36.7
36.6	13:25:10		36.6	36.6
36.8	13:25:11		36.8	36.8
36.9	13:25:12		36.9	36.9
37.2	13:25:13		37.2	37.2
37.6	13:25:14		37.6	37.6
37.7	13:25:15		37.7	37.7
37.0	13:25:16		37.0	37.0
36.6	13:25:17		36.6	36.6
36.7	13:25:18		36.7	36.7
37.9	13:25:19		37.9	37.9
38.1	13:25:20		38.1	38.1
38.0	13:25:21		38.0	38.0
37.7	13:25:22		37.7	37.7
37.6	13:25:23		37.6	37.6
37.5	13:25:24		37.5	37.5
37.4	13:25:25		37.4	37.4
37.3	13:25:26		37.3	37.3
37.7	13:25:27		37.7	37.7
37.9	13:25:28		37.9	37.9
37.4	13:25:29		37.4	37.4
37.3	13:25:30		37.3	37.3
37.8	13:25:31		37.8	37.8
37.6	13:25:32		37.6	37.6
38.0	13:25:33		38.0	38.0
38.4	13:25:34		38.4	38.4
38.7	13:25:35		38.7	38.7
38.1	13:25:36		38.1	38.1
37.7	13:25:37		37.7	37.7
37.7	13:25:38		37.7	37.7
37.7	13:25:39		37.7	37.7
38.1	13:25:40		38.1	38.1
38.6	13:25:41		38.6	38.6
38.1	13:25:42		38.1	38.1
38.4	13:25:43		38.4	38.4
39.1	13:25:44		39.1	39.1
39.7	13:25:45		39.7	39.7
39.8	13:25:46		39.8	39.8
39.4	13:25:47		39.4	39.4
38.8	13:25:48		38.8	38.8
38.9	13:25:49		38.9	38.9
39.3	13:25:50		39.3	39.3
39.3	13:25:51		39.3	39.3
39.3	13:25:52		39.3	39.3
39.5	13:25:53		39.5	39.5
39.8	13:25:54		39.8	39.8
39.9	13:25:55		39.9	39.9
40.1	13:25:56		40.1	40.1
39.9	13:25:57		39.9	39.9
39.6	13:25:58		39.6	39.6
39.6	13:25:59		39.6	39.6
40.2	13:26:00		40.2	40.2
41.1	13:26:01		41.1	41.1
40.8	13:26:02		40.8	40.8
40.4	13:26:03		40.4	40.4
40.2	13:26:04		40.2	40.2
41.1	13:26:05		41.1	41.1
41.4	13:26:06		41.4	41.4
41.2	13:26:07		41.2	41.2
41.6	13:26:08		41.6	41.6
41.8	13:26:09		41.8	41.8
41.8	13:26:10		41.8	41.8
41.5	13:26:11		41.5	41.5
42.2	13:26:12		42.2	42.2
42.6	13:26:13		42.6	42.6
41.8	13:26:14		41.8	41.8
41.2	13:26:15		41.2	41.2
41.4	13:26:16		41.4	41.4
41.9	13:26:17		41.9	41.9
43.5	13:26:18		43.5	43.5
45.0	13:26:19		45.0	45.0
46.9	13:26:20		46.9	46.9
50.2	13:26:21		50.2	50.2
54.1	13:26:22		54.1	54.1
56.2	13:26:23		56.2	56.2
55.1	13:26:24		55.1	55.1
52.2	13:26:25		52.2	52.2
48.9	13:26:26		48.9	48.9
45.9	13:26:27		45.9	45.9
43.6	13:26:28		43.6	43.6
41.8	13:26:29		41.8	41.8
41.3	13:26:30		41.3	41.3
41.0	13:26:31		41.0	41.0
40.0	13:26:32		40.0	40.0
39.6	13:26:33		39.6	39.6
39.2	13:26:34		39.2	39.2
38.5	13:26:35		38.5	38.5
38.7	13:26:36		38.7	38.7
38.7	13:26:37		38.7	38.7
38.1	13:26:38		38.1	38.1
37.9	13:26:39		37.9	37.9
38.5	13:26:40		38.5	38.5
39.3	13:26:41		39.3	39.3
39.4	13:26:42		39.4	39.4
38.5	13:26:43		38.5	38.5
38.0	13:26:44		38.0	38.0
38.2	13:26:45		38.2	38.2
38.7	13:26:46		38.7	38.7
38.4	13:26:47		38.4	38.4
38.5	13:26:48		38.5	38.5
39.2	13:26:49		39.2	39.2
39.7	13:26:50		39.7	39.7
38.9	13:26:51		38.9	38.9
38.4	13:26:52		38.4	38.4
38.1	13:26:53		38.1	38.1
38.8	13:26:54		38.8	38.8
41.5	13:26:55		41.5	41.5
40.7	13:26:56		40.7	40.7
39.8	13:26:57		39.8	39.8
38.8	13:26:58		38.8	38.8
38.9	13:26:59		38.9	38.9
39.6	13:27:00		39.6	39.6
39.8	13:27:01		39.8	39.8
40.1	13:27:02		40.1	40.1
39.7	13:27:03		39.7	39.7
39.2	13:27:04		39.2	39.2
39.6	13:27:05		39.6	39.6
40.1	13:27:06		40.1	40.1
40.7	13:27:07		40.7	40.7
40.1	13:27:08		40.1	40.1
40.2	13:27:09		40.2	40.2
40.5	13:27:10		40.5	40.5
41.3	13:27:11		41.3	41.3
42.3	13:27:12		42.3	42.3
42.1	13:27:13		42.1	42.1
41.7	13:27:14		41.7	41.7
42.4	13:27:15		42.4	42.4
43.2	13:27:16		43.2	43.2
43.3	13:27:17		43.3	43.3
42.6	13:27:18		42.6	42.6
42.0	13:27:19		42.0	42.0
41.1	13:27:20		41.1	41.1
39.7	13:27:21		39.7	39.7
39.4	13:27:22		39.4	39.4
39.0	13:27:23		39.0	39.0
38.9	13:27:24		38.9	38.9
39.5	13:27:25		39.5	39.5

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
52.6	13:06:32		52.6	52.6
51.0	13:06:33		51.0	51.0
49.5	13:06:34		49.5	49.5
50.7	13:06:35		50.7	50.7
50.7	13:06:36		50.7	50.7
50.7	13:06:37		50.7	50.7
48.3	13:06:38		48.3	48.3
46.2	13:06:39		46.2	46.2
46.1	13:06:40		46.1	46.1
46.1	13:06:41		46.1	46.1
46.8	13:06:42		46.8	46.8
46.4	13:06:43		46.4	46.4
45.5	13:06:44		45.5	45.5
44.5	13:06:45		44.5	44.5
45.6	13:06:46		45.6	45.6
47.2	13:06:47		47.2	47.2
58.1	13:06:48		58.1	58.1
61.4	13:06:49		61.4	61.4
69.6	13:06:50		69.6	69.6
72.6	13:06:51		72.6	72.6
70.8	13:06:52		70.8	70.8
67.3	13:06:53		67.3	67.3
64.2	13:06:54		64.2	64.2
61.6	13:06:55		61.6	61.6
59.4	13:06:56		59.4	59.4
56.7	13:06:57		56.7	56.7
54.0	13:06:58		54.0	54.0
52.4	13:06:59		52.4	52.4
52.0	13:07:00		52.0	52.0
51.0	13:07:01		51.0	51.0
49.2	13:07:02		49.2	49.2
48.6	13:07:03		48.6	48.6
49.8	13:07:04		49.8	49.8
49.3	13:07:05		49.3	49.3
48.0	13:07:06		48.0	48.0
46.0	13:07:07		46.0	46.0
44.1	13:07:08		44.1	44.1
43.2	13:07:09		43.2	43.2
45.2	13:07:10		45.2	45.2
47.5	13:07:11		47.5	47.5
45.5	13:07:12		45.5	45.5
45.9	13:07:13		45.9	45.9
45.6	13:07:14		45.6	45.6
44.7	13:07:15		44.7	44.7
45.1	13:07:16		45.1	45.1
45.4	13:07:17		45.4	45.4
47.4	13:07:18		47.4	47.4
49.6	13:07:19		49.6	49.6
46.9	13:07:20		46.9	46.9
47.2	13:07:21		47.2	47.2
55.0	13:07:22		55.0	55.0
53.9	13:07:23		53.9	53.9
50.3	13:07:24		50.3	50.3
47.9	13:07:25		47.9	47.9
45.0	13:07:26		45.0	45.0
43.4	13:07:27		43.4	43.4
44.3	13:07:28		44.3	44.3
48.4	13:07:29		48.4	48.4
47.6	13:07:30		47.6	47.6
45.2	13:07:31		45.2	45.2
44.2	13:07:32		44.2	44.2
44.1	13:07:33		44.1	44.1
45.1	13:07:34		45.1	45.1
50.3	13:07:35		50.3	50.3
55.2	13:07:36		55.2	55.2
54.6	13:07:37		54.6	54.6
51.3	13:07:38		51.3	51.3
50.1	13:07:39		50.1	50.1
55.0	13:07:40		55.0	55.0
53.2	13:07:41		53.2	53.2
50.0	13:07:42		50.0	50.0
47.2	13:07:43		47.2	47.2
44.5	13:07:44		44.5	44.5
44.2	13:07:45		44.2	44.2
47.5	13:07:46		47.5	47.5
46.3	13:07:47		46.3	46.3
46.4	13:07:48		46.4	46.4
47.4	13:07:49		47.4	47.4
45.8	13:07:50		45.8	45.8
45.9	13:07:51		45.9	45.9
45.5	13:07:52		45.5	45.5
46.0	13:07:53		46.0	46.0
45.6	13:07:54		45.6	45.6
44.6	13:07:55		44.6	44.6
44.6	13:07:56		44.6	44.6
44.8	13:07:57		44.8	44.8
50.3	13:07:58		50.3	50.3
52.1	13:07:59		52.1	52.1
50.1	13:08:00		50.1	50.1
49.0	13:08:01		49.0	49.0
49.9	13:08:02		49.9	49.9
53.9	13:08:03		53.9	53.9
57.9	13:08:04		57.9	57.9
62.2	13:08:05		62.2	62.2
67.9	13:08:06		67.9	67.9
70.2	13:08:07		70.2	70.2
67.9	13:08:08		67.9	67.9
64.2	13:08:09		64.2	64.2
60.5	13:08:10		60.5	60.5
56.8	13:08:11		56.8	56.8
53.8	13:08:12		53.8	53.8
52.3	13:08:13		52.3	52.3
54.0	13:08:14		54.0	54.0
50.9	13:08:15		50.9	50.9
48.0	13:08:16		48.0	48.0
50.9	13:08:17		50.9	50.9
59.2	13:08:18		59.2	59.2
58.0	13:08:19		58.0	58.0
55.2	13:08:20		55.2	55.2
53.5	13:08:21		53.5	53.5
55.1	13:08:22		55.1	55.1
52.5	13:08:23		52.5	52.5
49.8	13:08:24		49.8	49.8
47.6	13:08:25		47.6	47.6
47.2	13:08:26		47.2	47.2
48.1	13:08:27		48.1	48.1
51.6	13:08:28		51.6	51.6
52.7	13:08:29		52.7	52.7
49.6	13:08:30		49.6	49.6
47.4	13:08:31		47.4	47.4
45.7	13:08:32		45.7	45.7
49.1	13:08:33		49.1	49.1
48.7	13:08:34		48.7	48.7
46.2	13:08:35		46.2	46.2
44.3	13:08:36		44.3	44.3
43.3	13:08:37		43.3	43.3
44.2	13:08:38		44.2	44.2
45.8	13:08:39		45.8	45.8
47.1	13:08:40		47.1	47.1
45.2	13:08:41		45.2	45.2
44.4	13:08:42		44.4	44.4
44.2	13:08:43		44.2	44.2
46.8	13:08:44		46.8	46.8
48.5	13:08:45		48.5	48.5
48.6	13:08:46		48.6	48.6
47.6	13:08:47		47.6	47.6
46.2	13:08:48		46.2	46.2
45.6	13:08:49		45.6	45.6
45.7	13:08:50		45.7	45.7
50.3	13:08:51		50.3	50.3
53.7	13:08:52		53.7	53.7
51.0	13:08:53		51.0	51.0
48.1	13:08:54		48.1	48.1
47.4	13:08:55		47.4	47.4
47.1	13:08:56		47.1	47.1
46.9	13:08:57		46.9	46.9
44.9	13:08:58		44.9	44.9
44.4	13:08:59		44.4	44.4
42.7	13:09:00		42.7	42.7
44.2	13:09:01		44.2	44.2
44.6	13:09:02		44.6	44.6
45.4	13:09:03		45.4	45.4
48.2	13:09:04		48.2	48.2
50.1	13:09:05		50.1	50.1
52.6	13:09:06		52.6	52.6
57.4	13:09:07		57.4	57.4
65.5	13:09:08		65.5	65.5
72.3	13:09:09		72.3	72.3
72.6	13:09:10		72.6	72.6
69.7	13:09:11		69.7	69.7
66.3	13:09:12		66.3	66.3
63.3	13:09:13		63.3	63.3

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
51.9	13:20:55		51.9	51.9
52.2	13:20:56		52.2	52.2
52.5	13:20:57		52.5	52.5
53.5	13:20:58		53.5	53.5
53.5	13:20:59		53.5	53.5
54.2	13:21:00		54.2	54.2
56.2	13:21:01		56.2	56.2
58.7	13:21:02		58.7	58.7
65.4	13:21:03		65.4	65.4
69.7	13:21:04		69.7	69.7
69.4	13:21:05		69.4	69.4
66.6	13:21:06		66.6	66.6
70.3	13:21:07		70.3	70.3
78.3	13:21:08		78.3	78.3
76.7	13:21:09		76.7	76.7
73.2	13:21:10		73.2	73.2
69.3	13:21:11		69.3	69.3
65.4	13:21:12		65.4	65.4
61.6	13:21:13		61.6	61.6
58.4	13:21:14		58.4	58.4
56.1	13:21:15		56.1	56.1
54.8	13:21:16		54.8	54.8
53.8	13:21:17		53.8	53.8
53.2	13:21:18		53.2	53.2
51.9	13:21:19		51.9	51.9
51.0	13:21:20		51.0	51.0
51.0	13:21:21		51.0	51.0
50.8	13:21:22		50.8	50.8
51.1	13:21:23		51.1	51.1
51.2	13:21:24		51.2	51.2
52.5	13:21:25		52.5	52.5
53.0	13:21:26		53.0	53.0
51.6	13:21:27		51.6	51.6
51.2	13:21:28		51.2	51.2
51.5	13:21:29		51.5	51.5
50.5	13:21:30		50.5	50.5
51.1	13:21:31		51.1	51.1
50.1	13:21:32		50.1	50.1
50.0	13:21:33		50.0	50.0
51.7	13:21:34		51.7	51.7
51.0	13:21:35		51.0	51.0
52.3	13:21:36		52.3	52.3
52.3	13:21:37		52.3	52.3
51.9	13:21:38		51.9	51.9
51.6	13:21:39		51.6	51.6
51.2	13:21:40		51.2	51.2
51.2	13:21:41		51.2	51.2
51.2	13:21:42		51.2	51.2
51.9	13:21:43		51.9	51.9
52.4	13:21:44		52.4	52.4
52.6	13:21:45		52.6	52.6
53.7	13:21:46		53.7	53.7
52.4	13:21:47		52.4	52.4
51.4	13:21:48		51.4	51.4
51.3	13:21:49		51.3	51.3
51.6	13:21:50		51.6	51.6
52.0	13:21:51		52.0	52.0
52.5	13:21:52		52.5	52.5
52.2	13:21:53		52.2	52.2
52.1	13:21:54		52.1	52.1
53.3	13:21:55		53.3	53.3
53.6	13:21:56		53.6	53.6
53.8	13:21:57		53.8	53.8
52.7	13:21:58		52.7	52.7
52.5	13:21:59		52.5	52.5
53.0	13:22:00		53.0	53.0
52.4	13:22:01		52.4	52.4
53.7	13:22:02		53.7	53.7
52.9	13:22:03		52.9	52.9
51.5	13:22:04		51.5	51.5
51.3	13:22:05		51.3	51.3
52.6	13:22:06		52.6	52.6
51.8	13:22:07		51.8	51.8
51.0	13:22:08		51.0	51.0
50.5	13:22:09		50.5	50.5
51.9	13:22:10		51.9	51.9
52.0	13:22:11		52.0	52.0
51.5	13:22:12		51.5	51.5
50.9	13:22:13		50.9	50.9
50.6	13:22:14		50.6	50.6
51.9	13:22:15		51.9	51.9
52.1	13:22:16		52.1	52.1
53.1	13:22:17		53.1	53.1
52.4	13:22:18		52.4	52.4
52.0	13:22:19		52.0	52.0
51.0	13:22:20		51.0	51.0
51.0	13:22:21		51.0	51.0
53.0	13:22:22		53.0	53.0
52.5	13:22:23		52.5	52.5
51.5	13:22:24		51.5	51.5
51.3	13:22:25		51.3	51.3
51.7	13:22:26		51.7	51.7
52.6	13:22:27		52.6	52.6
52.2	13:22:28		52.2	52.2
52.0	13:22:29		52.0	52.0
51.7	13:22:30		51.7	51.7
50.8	13:22:31		50.8	50.8
50.7	13:22:32		50.7	50.7
50.4	13:22:33		50.4	50.4
51.8	13:22:34		51.8	51.8
53.8	13:22:35		53.8	53.8
59.8	13:22:36		59.8	59.8
72.9	13:22:37		72.9	72.9
73.7	13:22:38		73.7	73.7
71.0	13:22:39		71.0	71.0
67.3	13:22:40		67.3	67.3
63.6	13:22:41		63.6	63.6
60.3	13:22:42		60.3	60.3
57.4	13:22:43		57.4	57.4
54.9	13:22:44		54.9	54.9
53.1	13:22:45		53.1	53.1
53.4	13:22:46		53.4	53.4
52.2	13:22:47		52.2	52.2
51.3	13:22:48		51.3	51.3
50.9	13:22:49		50.9	50.9
51.0	13:22:50		51.0	51.0
51.4	13:22:51		51.4	51.4
54.4	13:22:52		54.4	54.4
55.5	13:22:53		55.5	55.5
53.6	13:22:54		53.6	53.6
53.4	13:22:55		53.4	53.4
53.3	13:22:56		53.3	53.3
52.4	13:22:57		52.4	52.4
52.0	13:22:58		52.0	52.0
51.6	13:22:59		51.6	51.6
51.0	13:23:00		51.0	51.0
51.1	13:23:01		51.1	51.1
52.3	13:23:02		52.3	52.3
51.3	13:23:03		51.3	51.3
49.7	13:23:04		49.7	49.7
49.6	13:23:05		49.6	49.6
50.6	13:23:06		50.6	50.6
51.2	13:23:07		51.2	51.2
51.7	13:23:08		51.7	51.7
52.4	13:23:09		52.4	52.4
53.4	13:23:10		53.4	53.4
52.6	13:23:11		52.6	52.6
52.2	13:23:12		52.2	52.2
54.5	13:23:13		54.5	54.5
53.8	13:23:14		53.8	53.8
53.5	13:23:15		53.5	53.5
52.6	13:23:16		52.6	52.6
52.4	13:23:17		52.4	52.4
52.4	13:23:18		52.4	52.4
52.3	13:23:19		52.3	52.3
51.9	13:23:20		51.9	51.9
52.0	13:23:21		52.0	52.0
52.4	13:23:22		52.4	52.4
53.3	13:23:23		53.3	53.3
53.1	13:23:24		53.1	53.1
53.1	13:23:25		53.1	53.1
52.3	13:23:26		52.3	52.3
52.7	13:23:27		52.7	52.7
53.4	13:23:28		53.4	53.4
52.8	13:23:29		52.8	52.8
52.1	13:23:30		52.1	52.1
51.4	13:23:31		51.4	51.4
51.5	13:23:32		51.5	51.5
52.8	13:23:33		52.8	52.8
53.5	13:23:34		53.5	53.5
52.8	13:23:35		52.8	52.8
52.1	13:23:36		52.1	52.1

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
40.7	13:27:26		40.7	40.7
40.6	13:27:27		40.6	40.6
40.1	13:27:28		40.1	40.1
39.7	13:27:29		39.7	39.7
40.5	13:27:30		40.5	40.5
40.9	13:27:31		40.9	40.9
39.9	13:27:32		39.9	39.9
39.4	13:27:33		39.4	39.4
39.2	13:27:34		39.2	39.2
38.9	13:27:35		38.9	38.9
38.7	13:27:36		38.7	38.7
42.5	13:27:37		42.5	42.5
60.5	13:27:38		60.5	60.5
61.4	13:27:39		61.4	61.4
57.2	13:27:40		57.2	57.2
53.0	13:27:41		53.0	53.0
49.1	13:27:42		49.1	49.1
45.8	13:27:43		45.8	45.8
43.1	13:27:44		43.1	43.1
41.0	13:27:45		41.0	41.0
40.1	13:27:46		40.1	40.1
42.1	13:27:47		42.1	42.1
42.2	13:27:48		42.2	42.2
56.0	13:27:49		56.0	56.0
61.9	13:27:50		61.9	61.9
58.6	13:27:51		58.6	58.6
55.0	13:27:52		55.0	55.0
53.0	13:27:53		53.0	53.0
52.7	13:27:54		52.7	52.7
50.3	13:27:55		50.3	50.3
49.1	13:27:56		49.1	49.1
47.1	13:27:57		47.1	47.1
44.3	13:27:58		44.3	44.3
45.3	13:27:59		45.3	45.3
48.8	13:28:00		48.8	48.8
48.6	13:28:01		48.6	48.6
56.1	13:28:02		56.1	56.1
60.9	13:28:03		60.9	60.9
57.7	13:28:04		57.7	57.7
53.8	13:28:05		53.8	53.8
50.8	13:28:06		50.8	50.8
49.1	13:28:07		49.1	49.1
47.8	13:28:08		47.8	47.8
47.3	13:28:09		47.3	47.3
44.2	13:28:10		44.2	44.2
41.6	13:28:11		41.6	41.6
40.3	13:28:12		40.3	40.3
39.6	13:28:13		39.6	39.6
39.6	13:28:14		39.6	39.6
39.5	13:28:15		39.5	39.5
39.2	13:28:16		39.2	39.2
53.1	13:28:17		53.1	53.1
59.2	13:28:18		59.2	59.2
55.4	13:28:19		55.4	55.4
52.3	13:28:20		52.3	52.3
49.6	13:28:21		49.6	49.6
46.9	13:28:22		46.9	46.9
45.7	13:28:23		45.7	45.7
45.5	13:28:24		45.5	45.5
47.7	13:28:25		47.7	47.7
47.2	13:28:26		47.2	47.2
50.2	13:28:27		50.2	50.2
59.7	13:28:28		59.7	59.7
56.9	13:28:29		56.9	56.9
52.9	13:28:30		52.9	52.9
50.0	13:28:31		50.0	50.0
47.8	13:28:32		47.8	47.8
45.8	13:28:33		45.8	45.8
44.2	13:28:34		44.2	44.2
44.6	13:28:35		44.6	44.6
48.7	13:28:36		48.7	48.7
46.8	13:28:37		46.8	46.8
52.4	13:28:38		52.4	52.4
59.5	13:28:39		59.5	59.5
56.2	13:28:40		56.2	56.2
52.1	13:28:41		52.1	52.1
48.2	13:28:42		48.2	48.2
44.7	13:28:43		44.7	44.7
41.8	13:28:44		41.8	41.8
39.8	13:28:45		39.8	39.8
40.6	13:28:46		40.6	40.6
39.7	13:28:47		39.7	39.7
39.8	13:28:48		39.8	39.8
40.6	13:28:49		40.6	40.6
41.0	13:28:50		41.0	41.0
42.5	13:28:51		42.5	42.5
45.0	13:28:52		45.0	45.0
44.9	13:28:53		44.9	44.9
47.5	13:28:54		47.5	47.5
46.7	13:28:55		46.7	46.7
48.0	13:28:56		48.0	48.0
49.9	13:28:57		49.9	49.9
49.8	13:28:58		49.8	49.8
51.0	13:28:59		51.0	51.0
50.6	13:29:00		50.6	50.6
48.1	13:29:01		48.1	48.1
45.6	13:29:02		45.6	45.6
46.8	13:29:03		46.8	46.8
47.2	13:29:04		47.2	47.2
53.8	13:29:05		53.8	53.8
51.0	13:29:06		51.0	51.0
49.1	13:29:07		49.1	49.1
50.1	13:29:08		50.1	50.1
50.3	13:29:09		50.3	50.3
48.8	13:29:10		48.8	48.8
45.3	13:29:11		45.3	45.3
41.9	13:29:12		41.9	41.9
41.8	13:29:13		41.8	41.8
40.9	13:29:14		40.9	40.9
41.2	13:29:15		41.2	41.2
43.2	13:29:16		43.2	43.2
45.3	13:29:17		45.3	45.3
46.1	13:29:18		46.1	46.1
46.5	13:29:19		46.5	46.5
47.5	13:29:20		47.5	47.5
47.6	13:29:21		47.6	47.6
47.5	13:29:22		47.5	47.5
45.5	13:29:23		45.5	45.5
44.3	13:29:24		44.3	44.3
45.1	13:29:25		45.1	45.1
44.9	13:29:26		44.9	44.9
44.3	13:29:27		44.3	44.3
46.5	13:29:28		46.5	46.5
46.6	13:29:29		46.6	46.6
56.4	13:29:30		56.4	56.4
54.7	13:29:31		54.7	54.7
51.1	13:29:32		51.1	51.1
49.2	13:29:33		49.2	49.2
47.8	13:29:34		47.8	47.8
46.5	13:29:35		46.5	46.5
45.6	13:29:36		45.6	45.6
47.0	13:29:37		47.0	47.0
45.9	13:29:38		45.9	45.9
46.1	13:29:39		46.1	46.1
47.2	13:29:40		47.2	47.2
45.3	13:29:41		45.3	45.3
44.5	13:29:42		44.5	44.5
46.5	13:29:43		46.5	46.5
48.2	13:29:44		48.2	48.2
47.3	13:29:45		47.3	47.3
48.3	13:29:46		48.3	48.3
49.1	13:29:47		49.1	49.1
48.3	13:29:48		48.3	48.3
47.6	13:29:49		47.6	47.6
47.8	13:29:50		47.8	47.8
47.7	13:29:51		47.7	47.7
49.9	13:29:52		49.9	49.9
49.2	13:29:53		49.2	49.2
48.1	13:29:54		48.1	48.1
46.0	13:29:55		46.0	46.0
44.1	13:29:56		44.1	44.1
43.5	13:29:57		43.5	43.5
42.5	13:29:58		42.5	42.5
42.4	13:29:59		42.4	42.4
42.9	13:30:00		42.9	42.9
43.6	13:30:01		43.6	43.6
43.7	13:30:02		43.7	43.7
46.1	13:30:03		46.1	46.1
45.8	13:30:04		45.8	45.8
45.4	13:30:05		45.4	45.4
44.2	13:30:06		44.2	44.2
45.1	13:30:07		45.1	45.1

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
61.2	13:09:14		61.2	61.2
58.8	13:09:15		58.8	58.8
56.4	13:09:16		56.4	56.4
53.4	13:09:17		53.4	53.4
51.3	13:09:18		51.3	51.3
50.4	13:09:19		50.4	50.4
48.8	13:09:20		48.8	48.8
47.7	13:09:21		47.7	47.7
46.9	13:09:22		46.9	46.9
45.9	13:09:23		45.9	45.9
45.4	13:09:24		45.4	45.4
46.3	13:09:25		46.3	46.3
47.6	13:09:26		47.6	47.6
45.5	13:09:27		45.5	45.5
44.1	13:09:28		44.1	44.1
43.8	13:09:29		43.8	43.8
49.9	13:09:30		49.9	49.9
49.4	13:09:31		49.4	49.4
48.9	13:09:32		48.9	48.9
46.5	13:09:33		46.5	46.5
48.0	13:09:34		48.0	48.0
46.8	13:09:35		46.8	46.8
48.3	13:09:36		48.3	48.3
49.0	13:09:37		49.0	49.0
46.6	13:09:38		46.6	46.6
46.1	13:09:39		46.1	46.1
44.6	13:09:40		44.6	44.6
45.3	13:09:41		45.3	45.3
48.2	13:09:42		48.2	48.2
51.0	13:09:43		51.0	51.0
51.7	13:09:44		51.7	51.7
49.0	13:09:45		49.0	49.0
47.7	13:09:46		47.7	47.7
46.2	13:09:47		46.2	46.2
45.4	13:09:48		45.4	45.4
44.8	13:09:49		44.8	44.8
51.3	13:09:50		51.3	51.3
56.7	13:09:51		56.7	56.7
54.5	13:09:52		54.5	54.5
55.3	13:09:53		55.3	55.3
59.9	13:09:54		59.9	59.9
67.4	13:09:55		67.4	67.4
72.4	13:09:56		72.4	72.4
72.0	13:09:57		72.0	72.0
69.3	13:09:58		69.3	69.3
66.0	13:09:59		66.0	66.0
62.9	13:10:00		62.9	62.9
59.8	13:10:01		59.8	59.8
56.6	13:10:02		56.6	56.6
54.1	13:10:03		54.1	54.1
51.6	13:10:04		51.6	51.6
50.1	13:10:05		50.1	50.1
49.4	13:10:06		49.4	49.4
50.1	13:10:07		50.1	50.1
50.2	13:10:08		50.2	50.2
50.3	13:10:09		50.3	50.3
49.7	13:10:10		49.7	49.7
48.3	13:10:11		48.3	48.3
46.6	13:10:12		46.6	46.6
45.5	13:10:13		45.5	45.5
44.9	13:10:14		44.9	44.9
44.5	13:10:15		44.5	44.5
44.2	13:10:16		44.2	44.2
44.5	13:10:17		44.5	44.5
44.4	13:10:18		44.4	44.4
44.9	13:10:19		44.9	44.9
45.5	13:10:20		45.5	45.5
47.0	13:10:21		47.0	47.0
45.8	13:10:22		45.8	45.8
45.4	13:10:23		45.4	45.4
45.0	13:10:24		45.0	45.0
46.9	13:10:25		46.9	46.9
46.9	13:10:26		46.9	46.9
44.6	13:10:27		44.6	44.6
47.4	13:10:28		47.4	47.4
47.0	13:10:29		47.0	47.0
45.1	13:10:30		45.1	45.1
43.1	13:10:31		43.1	43.1
41.7	13:10:32		41.7	41.7
42.0	13:10:33		42.0	42.0
43.2	13:10:34		43.2	43.2
43.0	13:10:35		43.0	43.0
44.6	13:10:36		44.6	44.6
45.9	13:10:37		45.9	45.9
45.0	13:10:38		45.0	45.0
45.5	13:10:39		45.5	45.5
44.6	13:10:40		44.6	44.6
43.8	13:10:41		43.8	43.8
45.5	13:10:42		45.5	45.5
46.9	13:10:43		46.9	46.9
47.8	13:10:44		47.8	47.8
49.2	13:10:45		49.2	49.2
50.8	13:10:46		50.8	50.8
54.6	13:10:47		54.6	54.6
60.3	13:10:48		60.3	60.3
66.5	13:10:49		66.5	66.5
72.0	13:10:50		72.0	72.0
79.5	13:10:51		79.5	79.5
82.4	13:10:52		82.4	82.4
80.1	13:10:53		80.1	80.1
76.2	13:10:54		76.2	76.2
72.1	13:10:55		72.1	72.1
68.1	13:10:56		68.1	68.1
64.2	13:10:57		64.2	64.2
60.4	13:10:58		60.4	60.4
56.8	13:10:59		56.8	56.8
53.6	13:11:00		53.6	53.6
50.9	13:11:01		50.9	50.9
49.2	13:11:02		49.2	49.2
48.4	13:11:03		48.4	48.4
51.6	13:11:04		51.6	51.6
50.2	13:11:05		50.2	50.2
47.5	13:11:06		47.5	47.5
48.8	13:11:07		48.8	48.8
48.4	13:11:08		48.4	48.4
47.0	13:11:09		47.0	47.0
46.0	13:11:10		46.0	46.0
46.3	13:11:11		46.3	46.3
46.6	13:11:12		46.6	46.6
47.9	13:11:13		47.9	47.9
48.4	13:11:14		48.4	48.4
51.0	13:11:15		51.0	51.0
50.1	13:11:16		50.1	50.1
50.2	13:11:17		50.2	50.2
48.6	13:11:18		48.6	48.6
49.9	13:11:19		49.9	49.9
49.2	13:11:20		49.2	49.2
47.6	13:11:21		47.6	47.6
45.6	13:11:22		45.6	45.6
44.4	13:11:23		44.4	44.4
43.4	13:11:24		43.4	43.4
42.6	13:11:25		42.6	42.6
45.3	13:11:26		45.3	45.3
48.1	13:11:27		48.1	48.1
50.9	13:11:28		50.9	50.9
48.9	13:11:29		48.9	48.9
48.1	13:11:30		48.1	48.1
47.8	13:11:31		47.8	47.8
47.5	13:11:32		47.5	47.5
48.3	13:11:33		48.3	48.3
48.8	13:11:34		48.8	48.8
49.2	13:11:35		49.2	49.2
47.6	13:11:36		47.6	47.6
45.6	13:11:37		45.6	45.6
44.3	13:11:38		44.3	44.3
44.7	13:11:39		44.7	44.7
44.2	13:11:40		44.2	44.2
43.6	13:11:41		43.6	43.6
43.7	13:11:42		43.7	43.7
44.6	13:11:43		44.6	44.6
49.8	13:11:44		49.8	49.8
52.9	13:11:45		52.9	52.9
50.9	13:11:46		50.9	50.9
49.1	13:11:47		49.1	49.1
49.9	13:11:48		49.9	49.9
52.7	13:11:49		52.7	52.7
51.5	13:11:50		51.5	51.5
50.1	13:11:51		50.1	50.1
50.8	13:11:52		50.8	50.8
50.0	13:11:53		50.0	50.0
50.2	13:11:54		50.2	50.2
48.8	13:11:55		48.8	48.8

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
51.8	13:23:37		51.8	51.8
51.5	13:23:38		51.5	51.5
51.6	13:23:39		51.6	51.6
52.4	13:23:40		52.4	52.4
53.6	13:23:41		53.6	53.6
56.2	13:23:42		56.2	56.2
60.3	13:23:43		60.3	60.3
68.7	13:23:44		68.7	68.7
73.7	13:23:45		73.7	73.7
74.8	13:23:46		74.8	74.8
75.2	13:23:47		75.2	75.2
72.5	13:23:48		72.5	72.5
68.7	13:23:49		68.7	68.7
64.8	13:23:50		64.8	64.8
61.1	13:23:51		61.1	61.1
58.3	13:23:52		58.3	58.3
56.0	13:23:53		56.0	56.0
54.2	13:23:54		54.2	54.2
53.9	13:23:55		53.9	53.9
52.3	13:23:56		52.3	52.3
50.7	13:23:57		50.7	50.7
52.0	13:23:58		52.0	52.0
53.0	13:23:59		53.0	53.0
53.3	13:24:00		53.3	53.3
53.9	13:24:01		53.9	53.9
53.5	13:24:02		53.5	53.5
53.0	13:24:03		53.0	53.0
53.6	13:24:04		53.6	53.6
52.6	13:24:05		52.6	52.6
50.8	13:24:06		50.8	50.8
51.2	13:24:07		51.2	51.2
52.4	13:24:08		52.4	52.4
51.3	13:24:09		51.3	51.3
51.9	13:24:10		51.9	51.9
54.3	13:24:11		54.3	54.3
54.7	13:24:12		54.7	54.7
54.2	13:24:13		54.2	54.2
53.6	13:24:14		53.6	53.6
54.2	13:24:15		54.2	54.2
53.4	13:24:16		53.4	53.4
51.8	13:24:17		51.8	51.8
50.6	13:24:18		50.6	50.6
51.3	13:24:19		51.3	51.3
55.8	13:24:20		55.8	55.8
56.0	13:24:21		56.0	56.0
53.7	13:24:22		53.7	53.7
52.5	13:24:23		52.5	52.5
52.5	13:24:24		52.5	52.5
51.8	13:24:25		51.8	51.8
50.9	13:24:26		50.9	50.9
52.5	13:24:27		52.5	52.5
52.1	13:24:28		52.1	52.1
51.0	13:24:29		51.0	51.0
52.3	13:24:30		52.3	52.3
52.4	13:24:31		52.4	52.4
52.1	13:24:32		52.1	52.1
52.1	13:24:33		52.1	52.1
53.4	13:24:34		53.4	53.4
53.0	13:24:35		53.0	53.0
52.0	13:24:36		52.0	52.0
52.8	13:24:37		52.8	52.8
52.0	13:24:38		52.0	52.0
51.7	13:24:39		51.7	51.7
50.7	13:24:40		50.7	50.7
50.4	13:24:41		50.4	50.4
53.2	13:24:42		53.2	53.2
52.9	13:24:43		52.9	52.9
52.6	13:24:44		52.6	52.6
51.7	13:24:45		51.7	51.7
51.1	13:24:46		51.1	51.1
50.8	13:24:47		50.8	50.8
52.1	13:24:48		52.1	52.1
53.9	13:24:49		53.9	53.9
58.8	13:24:50		58.8	58.8
68.0	13:24:51		68.0	68.0
71.9	13:24:52		71.9	71.9
69.8	13:24:53		69.8	69.8
66.4	13:24:54		66.4	66.4
63.4	13:24:55		63.4	63.4
61.2	13:24:56		61.2	61.2
58.8	13:24:57		58.8	58.8
56.5	13:24:58		56.5	56.5
55.9	13:24:59		55.9	55.9
55.0	13:25:00		55.0	55.0
54.9	13:25:01		54.9	54.9
55.0	13:25:02		55.0	55.0
56.1	13:25:03		56.1	56.1
54.8	13:25:04		54.8	54.8
53.8	13:25:05		53.8	53.8
53.7	13:25:06		53.7	53.7
53.3	13:25:07		53.3	53.3
53.7	13:25:08		53.7	53.7
55.1	13:25:09		55.1	55.1
55.0	13:25:10		55.0	55.0
55.3	13:25:11		55.3	55.3
55.4	13:25:12		55.4	55.4
54.8	13:25:13		54.8	54.8
54.1	13:25:14		54.1	54.1
53.9	13:25:15		53.9	53.9
53.6	13:25:16		53.6	53.6
55.1	13:25:17		55.1	55.1
55.4	13:25:18		55.4	55.4
53.7	13:25:19		53.7	53.7
53.4	13:25:20		53.4	53.4
53.4	13:25:21		53.4	53.4
53.5	13:25:22		53.5	53.5
53.0	13:25:23		53.0	53.0
52.6	13:25:24		52.6	52.6
53.9	13:25:25		53.9	53.9
54.7	13:25:26		54.7	54.7
55.2	13:25:27		55.2	55.2
57.0	13:25:28		57.0	57.0
61.7	13:25:29		61.7	61.7
69.7	13:25:30		69.7	69.7
72.6	13:25:31		72.6	72.6
71.0	13:25:32		71.0	71.0
67.7	13:25:33		67.7	67.7
64.2	13:25:34		64.2	64.2
60.7	13:25:35		60.7	60.7
57.9	13:25:36		57.9	57.9
55.2	13:25:37		55.2	55.2
54.1	13:25:38		54.1	54.1
53.8	13:25:39		53.8	53.8
53.0	13:25:40		53.0	53.0
53.4	13:25:41		53.4	53.4
51.9	13:25:42		51.9	51.9
51.8	13:25:43		51.8	51.8
52.4	13:25:44		52.4	52.4
52.4	13:25:45		52.4	52.4
54.3	13:25:46		54.3	54.3
54.3	13:25:47		54.3	54.3
54.1	13:25:48		54.1	54.1
54.0	13:25:49		54.0	54.0
53.1	13:25:50		53.1	53.1
51.7	13:25:51		51.7	51.7
51.6	13:25:52		51.6	51.6
52.8	13:25:53		52.8	52.8
52.6	13:25:54		52.6	52.6
52.7	13:25:55		52.7	52.7
53.6	13:25:56		53.6	53.6
53.6	13:25:57		53.6	53.6
52.5	13:25:58		52.5	52.5
51.5	13:25:59		51.5	51.5
52.3	13:26:00		52.3	52.3
52.6	13:26:01		52.6	52.6
52.4	13:26:02		52.4	52.4
52.8	13:26:03		52.8	52.8
52.3	13:26:04		52.3	52.3
52.9	13:26:05		52.9	52.9
52.4	13:26:06		52.4	52.4
54.2	13:26:07		54.2	54.2
55.5	13:26:08		55.5	55.5
54.8	13:26:09		54.8	54.8
54.2	13:26:10		54.2	54.2
54.9	13:26:11		54.9	54.9
54.9	13:26:12		54.9	54.9
58.9	13:26:13		58.9	58.9
69.9	13:26:14		69.9	69.9
72.8	13:26:15		72.8	72.8
70.4	13:26:16		70.4	70.4
66.7	13:26:17		66.7	66.7
62.9	13:26:18		62.9	62.9

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
45.7	13:30:08		45.7	45.7
45.2	13:30:09		45.2	45.2
45.2	13:30:10		45.2	45.2
44.6	13:30:11		44.6	44.6
43.6	13:30:12		43.6	43.6
45.6	13:30:13		45.6	45.6
46.7	13:30:14		46.7	46.7
47.6	13:30:15		47.6	47.6
47.7	13:30:16		47.7	47.7
46.3	13:30:17		46.3	46.3
45.2	13:30:18		45.2	45.2
45.4	13:30:19		45.4	45.4
46.4	13:30:20		46.4	46.4
46.3	13:30:21		46.3	46.3
46.9	13:30:22		46.9	46.9
46.7	13:30:23		46.7	46.7
47.0	13:30:24		47.0	47.0
46.1	13:30:25		46.1	46.1
45.3	13:30:26		45.3	45.3
45.6	13:30:27		45.6	45.6
45.6	13:30:28		45.6	45.6
42.2	13:30:29		42.2	42.2
40.2	13:30:30		40.2	40.2
40.0	13:30:31		40.0	40.0
39.2	13:30:32		39.2	39.2
40.8	13:30:33		40.8	40.8
41.6	13:30:34		41.6	41.6
44.7	13:30:35		44.7	44.7
46.3	13:30:36		46.3	46.3
46.4	13:30:37		46.4	46.4
46.6	13:30:38		46.6	46.6
45.0	13:30:39		45.0	45.0
42.2	13:30:40		42.2	42.2
40.9	13:30:41		40.9	40.9
42.5	13:30:42		42.5	42.5
45.2	13:30:43		45.2	45.2
46.2	13:30:44		46.2	46.2
45.8	13:30:45		45.8	45.8
46.0	13:30:46		46.0	46.0
46.3	13:30:47		46.3	46.3
47.9	13:30:48		47.9	47.9
48.4	13:30:49		48.4	48.4
49.1	13:30:50		49.1	49.1
48.3	13:30:51		48.3	48.3
47.6	13:30:52		47.6	47.6
46.6	13:30:53		46.6	46.6
46.3	13:30:54		46.3	46.3
46.6	13:30:55		46.6	46.6
46.5	13:30:56		46.5	46.5
47.7	13:30:57		47.7	47.7
47.6	13:30:58		47.6	47.6
46.9	13:30:59		46.9	46.9
47.7	13:31:00		47.7	47.7
47.1	13:31:01		47.1	47.1
45.7	13:31:02		45.7	45.7
45.5	13:31:03		45.5	45.5
46.0	13:31:04		46.0	46.0
46.3	13:31:05		46.3	46.3
46.8	13:31:06		46.8	46.8
46.0	13:31:07		46.0	46.0
45.3	13:31:08		45.3	45.3
45.8	13:31:09		45.8	45.8
45.9	13:31:10		45.9	45.9
46.1	13:31:11		46.1	46.1
46.7	13:31:12		46.7	46.7
47.6	13:31:13		47.6	47.6
48.9	13:31:14		48.9	48.9
48.9	13:31:15		48.9	48.9
48.0	13:31:16		48.0	48.0
47.0	13:31:17		47.0	47.0
45.5	13:31:18		45.5	45.5
44.8	13:31:19		44.8	44.8
47.4	13:31:20		47.4	47.4
48.4	13:31:21		48.4	48.4
48.2	13:31:22		48.2	48.2
50.8	13:31:23		50.8	50.8
51.7	13:31:24		51.7	51.7
51.0	13:31:25		51.0	51.0
49.6	13:31:26		49.6	49.6
47.2	13:31:27		47.2	47.2
45.5	13:31:28		45.5	45.5
45.4	13:31:29		45.4	45.4
47.8	13:31:30		47.8	47.8
49.2	13:31:31		49.2	49.2
49.9	13:31:32		49.9	49.9
49.8	13:31:33		49.8	49.8
50.6	13:31:34		50.6	50.6
53.6	13:31:35		53.6	53.6
55.3	13:31:36		55.3	55.3
54.3	13:31:37		54.3	54.3
52.9	13:31:38		52.9	52.9
51.7	13:31:39		51.7	51.7
51.2	13:31:40		51.2	51.2
52.4	13:31:41		52.4	52.4
53.4	13:31:42		53.4	53.4
53.6	13:31:43		53.6	53.6
53.5	13:31:44		53.5	53.5
54.2	13:31:45		54.2	54.2
55.5	13:31:46		55.5	55.5
55.1	13:31:47		55.1	55.1
53.6	13:31:48		53.6	53.6
52.1	13:31:49		52.1	52.1
51.4	13:31:50		51.4	51.4
50.6	13:31:51		50.6	50.6
51.4	13:31:52		51.4	51.4
52.2	13:31:53		52.2	52.2
52.2	13:31:54		52.2	52.2
51.4	13:31:55		51.4	51.4
49.7	13:31:56		49.7	49.7
48.3	13:31:57		48.3	48.3
47.2	13:31:58		47.2	47.2
46.6	13:31:59		46.6	46.6
45.4	13:32:00		45.4	45.4
44.1	13:32:01		44.1	44.1
43.0	13:32:02		43.0	43.0
42.6	13:32:03		42.6	42.6
43.4	13:32:04		43.4	43.4
43.1	13:32:05		43.1	43.1
45.1	13:32:06		45.1	45.1
46.4	13:32:07		46.4	46.4
45.9	13:32:08		45.9	45.9
45.6	13:32:09		45.6	45.6
44.9	13:32:10		44.9	44.9
44.7	13:32:11		44.7	44.7
45.2	13:32:12		45.2	45.2
45.4	13:32:13		45.4	45.4
45.4	13:32:14		45.4	45.4
44.0	13:32:15		44.0	44.0
43.0	13:32:16		43.0	43.0
41.9	13:32:17		41.9	41.9
41.4	13:32:18		41.4	41.4
41.9	13:32:19		41.9	41.9
41.7	13:32:20		41.7	41.7
39.9	13:32:21		39.9	39.9
38.9	13:32:22		38.9	38.9
38.6	13:32:23		38.6	38.6
38.8	13:32:24		38.8	38.8
39.9	13:32:25		39.9	39.9
40.9	13:32:26		40.9	40.9
41.6	13:32:27		41.6	41.6
43.3	13:32:28		43.3	43.3
43.3	13:32:29		43.3	43.3
43.9	13:32:30		43.9	43.9
46.3	13:32:31		46.3	46.3
46.4	13:32:32		46.4	46.4
46.3	13:32:33		46.3	46.3
45.1	13:32:34		45.1	45.1
46.6	13:32:35		46.6	46.6
47.5	13:32:36		47.5	47.5
49.4	13:32:37		49.4	49.4
53.0	13:32:38		53.0	53.0
52.5	13:32:39		52.5	52.5
49.9	13:32:40		49.9	49.9
47.1	13:32:41		47.1	47.1
43.6	13:32:42		43.6	43.6
41.2	13:32:43		41.2	41.2
39.4	13:32:44		39.4	39.4
39.1	13:32:45		39.1	39.1
38.6	13:32:46		38.6	38.6
38.1	13:32:47		38.1	38.1
38.2	13:32:48		38.2	38.2
38.8	13:32:49		38.8	38.8

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
46.5	13:11:56		46.5	46.5
45.1	13:11:57		45.1	45.1
44.1	13:11:58		44.1	44.1
43.4	13:11:59		43.4	43.4
45.3	13:12:00		45.3	45.3
47.8	13:12:01		47.8	47.8
46.1	13:12:02		46.1	46.1
46.5	13:12:03		46.5	46.5
47.8	13:12:04		47.8	47.8
46.6	13:12:05		46.6	46.6
45.2	13:12:06		45.2	45.2
51.0	13:12:07		51.0	51.0
52.6	13:12:08		52.6	52.6
50.6	13:12:09		50.6	50.6
48.7	13:12:10		48.7	48.7
48.9	13:12:11		48.9	48.9
48.5	13:12:12		48.5	48.5
47.1	13:12:13		47.1	47.1
47.6	13:12:14		47.6	47.6
50.3	13:12:15		50.3	50.3
49.6	13:12:16		49.6	49.6
48.5	13:12:17		48.5	48.5
46.8	13:12:18		46.8	46.8
45.7	13:12:19		45.7	45.7
47.3	13:12:20		47.3	47.3
46.7	13:12:21		46.7	46.7
46.9	13:12:22		46.9	46.9
47.9	13:12:23		47.9	47.9
47.5	13:12:24		47.5	47.5
48.1	13:12:25		48.1	48.1
48.7	13:12:26		48.7	48.7
49.2	13:12:27		49.2	49.2
49.8	13:12:28		49.8	49.8
48.3	13:12:29		48.3	48.3
46.7	13:12:30		46.7	46.7
45.9	13:12:31		45.9	45.9
45.2	13:12:32		45.2	45.2
45.1	13:12:33		45.1	45.1
48.6	13:12:34		48.6	48.6
50.6	13:12:35		50.6	50.6
50.1	13:12:36		50.1	50.1
50.3	13:12:37		50.3	50.3
51.1	13:12:38		51.1	51.1
50.4	13:12:39		50.4	50.4
48.0	13:12:40		48.0	48.0
47.3	13:12:41		47.3	47.3
47.1	13:12:42		47.1	47.1
47.7	13:12:43		47.7	47.7
47.6	13:12:44		47.6	47.6
46.5	13:12:45		46.5	46.5
47.5	13:12:46		47.5	47.5
49.8	13:12:47		49.8	49.8
48.6	13:12:48		48.6	48.6
49.5	13:12:49		49.5	49.5
53.4	13:12:50		53.4	53.4
59.4	13:12:51		59.4	59.4
64.7	13:12:52		64.7	64.7
72.0	13:12:53		72.0	72.0
73.2	13:12:54		73.2	73.2
70.1	13:12:55		70.1	70.1
66.2	13:12:56		66.2	66.2
62.3	13:12:57		62.3	62.3
58.5	13:12:58		58.5	58.5
54.9	13:12:59		54.9	54.9
52.1	13:13:00		52.1	52.1
49.3	13:13:01		49.3	49.3
46.9	13:13:02		46.9	46.9
45.0	13:13:03		45.0	45.0
43.9	13:13:04		43.9	43.9
43.5	13:13:05		43.5	43.5
44.6	13:13:06		44.6	44.6
45.1	13:13:07		45.1	45.1
45.7	13:13:08		45.7	45.7
49.7	13:13:09		49.7	49.7
47.9	13:13:10		47.9	47.9
46.9	13:13:11		46.9	46.9
46.6	13:13:12		46.6	46.6
48.7	13:13:13		48.7	48.7
52.1	13:13:14		52.1	52.1
53.5	13:13:15		53.5	53.5
57.2	13:13:16		57.2	57.2
60.7	13:13:17		60.7	60.7
67.4	13:13:18		67.4	67.4
73.7	13:13:19		73.7	73.7
74.5	13:13:20		74.5	74.5
71.2	13:13:21		71.2	71.2
67.2	13:13:22		67.2	67.2
63.2	13:13:23		63.2	63.2
59.3	13:13:24		59.3	59.3
55.6	13:13:25		55.6	55.6
53.1	13:13:26		53.1	53.1
52.5	13:13:27		52.5	52.5
50.7	13:13:28		50.7	50.7
49.1	13:13:29		49.1	49.1
47.5	13:13:30		47.5	47.5
46.6	13:13:31		46.6	46.6
44.9	13:13:32		44.9	44.9
43.4	13:13:33		43.4	43.4
42.8	13:13:34		42.8	42.8
44.7	13:13:35		44.7	44.7
45.8	13:13:36		45.8	45.8
43.6	13:13:37		43.6	43.6
42.3	13:13:38		42.3	42.3
41.6	13:13:39		41.6	41.6
41.6	13:13:40		41.6	41.6
41.4	13:13:41		41.4	41.4
43.7	13:13:42		43.7	43.7
47.2	13:13:43		47.2	47.2
45.0	13:13:44		45.0	45.0
45.2	13:13:45		45.2	45.2
44.8	13:13:46		44.8	44.8
43.8	13:13:47		43.8	43.8
44.7	13:13:48		44.7	44.7
44.6	13:13:49		44.6	44.6
45.1	13:13:50		45.1	45.1
45.2	13:13:51		45.2	45.2
44.5	13:13:52		44.5	44.5
45.4	13:13:53		45.4	45.4
48.1	13:13:54		48.1	48.1
46.5	13:13:55		46.5	46.5
45.9	13:13:56		45.9	45.9
44.0	13:13:57		44.0	44.0
44.2	13:13:58		44.2	44.2
45.3	13:13:59		45.3	45.3
46.1	13:14:00		46.1	46.1
47.9	13:14:01		47.9	47.9
45.5	13:14:02		45.5	45.5
43.5	13:14:03		43.5	43.5
42.5	13:14:04		42.5	42.5
42.4	13:14:05		42.4	42.4
43.9	13:14:06		43.9	43.9
48.1	13:14:07		48.1	48.1
46.5	13:14:08		46.5	46.5
45.0	13:14:09		45.0	45.0
44.9	13:14:10		44.9	44.9
45.4	13:14:11		45.4	45.4
44.6	13:14:12		44.6	44.6
45.7	13:14:13		45.7	45.7
46.5	13:14:14		46.5	46.5
45.0	13:14:15		45.0	45.0
44.0	13:14:16		44.0	44.0
43.6	13:14:17		43.6	43.6
44.1	13:14:18		44.1	44.1
45.7	13:14:19		45.7	45.7
47.3	13:14:20		47.3	47.3
47.6	13:14:21		47.6	47.6
45.1	13:14:22		45.1	45.1
44.6	13:14:23		44.6	44.6
45.9	13:14:24		45.9	45.9
44.0	13:14:25		44.0	44.0
43.2	13:14:26		43.2	43.2
43.2	13:14:27		43.2	43.2
44.6	13:14:28		44.6	44.6
46.0	13:14:29		46.0	46.0
46.3	13:14:30		46.3	46.3
45.3	13:14:31		45.3	45.3
47.4	13:14:32		47.4	47.4
48.4	13:14:33		48.4	48.4
51.1	13:14:34		51.1	51.1
56.0	13:14:35		56.0	56.0
64.5	13:14:36		64.5	64.5
69.7	13:14:37		69.7	69.7

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
59.7	13:26:19		59.7	59.7
57.2	13:26:20		57.2	57.2
55.2	13:26:21		55.2	55.2
53.8	13:26:22		53.8	53.8
53.3	13:26:23		53.3	53.3
53.0	13:26:24		53.0	53.0
52.1	13:26:25		52.1	52.1
52.1	13:26:26		52.1	52.1
51.3	13:26:27		51.3	51.3
50.9	13:26:28		50.9	50.9
50.6	13:26:29		50.6	50.6
50.7	13:26:30		50.7	50.7
51.7	13:26:31		51.7	51.7
52.8	13:26:32		52.8	52.8
53.3	13:26:33		53.3	53.3
52.7	13:26:34		52.7	52.7
52.3	13:26:35		52.3	52.3
51.7	13:26:36		51.7	51.7
50.7	13:26:37		50.7	50.7
50.3	13:26:38		50.3	50.3
51.1	13:26:39		51.1	51.1
50.7	13:26:40		50.7	50.7
52.6	13:26:41		52.6	52.6
52.5	13:26:42		52.5	52.5
52.3	13:26:43		52.3	52.3
53.5	13:26:44		53.5	53.5
53.1	13:26:45		53.1	53.1
51.9	13:26:46		51.9	51.9
51.2	13:26:47		51.2	51.2
51.0	13:26:48		51.0	51.0
50.9	13:26:49		50.9	50.9
51.4	13:26:50		51.4	51.4
52.2	13:26:51		52.2	52.2
51.2	13:26:52		51.2	51.2
50.4	13:26:53		50.4	50.4
52.2	13:26:54		52.2	52.2
51.2	13:26:55		51.2	51.2
51.2	13:26:56		51.2	51.2
51.3	13:26:57		51.3	51.3
51.5	13:26:58		51.5	51.5
53.5	13:26:59		53.5	53.5
53.3	13:27:00		53.3	53.3
53.9	13:27:01		53.9	53.9
54.0	13:27:02		54.0	54.0
53.9	13:27:03		53.9	53.9
53.9	13:27:04		53.9	53.9
52.5	13:27:05		52.5	52.5
52.1	13:27:06		52.1	52.1
51.2	13:27:07		51.2	51.2
51.6	13:27:08		51.6	51.6
51.8	13:27:09		51.8	51.8
53.6	13:27:10		53.6	53.6
58.3	13:27:11		58.3	58.3
67.0	13:27:12		67.0	67.0
70.9	13:27:13		70.9	70.9
68.9	13:27:14		68.9	68.9
65.3	13:27:15		65.3	65.3
61.4	13:27:16		61.4	61.4
57.8	13:27:17		57.8	57.8
54.9	13:27:18		54.9	54.9
53.8	13:27:19		53.8	53.8
53.8	13:27:20		53.8	53.8
54.9	13:27:21		54.9	54.9
59.9	13:27:22		59.9	59.9
72.4	13:27:23		72.4	72.4
76.7	13:27:24		76.7	76.7
74.1	13:27:25		74.1	74.1
70.3	13:27:26		70.3	70.3
66.3	13:27:27		66.3	66.3
62.7	13:27:28		62.7	62.7
59.8	13:27:29		59.8	59.8
57.0	13:27:30		57.0	57.0
55.2	13:27:31		55.2	55.2
54.1	13:27:32		54.1	54.1
52.7	13:27:33		52.7	52.7
52.5	13:27:34		52.5	52.5
51.5	13:27:35		51.5	51.5
51.0	13:27:36		51.0	51.0
49.9	13:27:37		49.9	49.9
50.5	13:27:38		50.5	50.5
50.7	13:27:39		50.7	50.7
50.1	13:27:40		50.1	50.1
49.8	13:27:41		49.8	49.8
50.9	13:27:42		50.9	50.9
49.9	13:27:43		49.9	49.9
49.1	13:27:44		49.1	49.1
50.1	13:27:45		50.1	50.1
52.2	13:27:46		52.2	52.2
52.7	13:27:47		52.7	52.7
51.4	13:27:48		51.4	51.4
49.6	13:27:49		49.6	49.6
49.5	13:27:50		49.5	49.5
50.9	13:27:51		50.9	50.9
50.1	13:27:52		50.1	50.1
49.4	13:27:53		49.4	49.4
49.2	13:27:54		49.2	49.2
51.8	13:27:55		51.8	51.8
52.6	13:27:56		52.6	52.6
51.8	13:27:57		51.8	51.8
52.3	13:27:58		52.3	52.3
51.8	13:27:59		51.8	51.8
51.3	13:28:00		51.3	51.3
51.7	13:28:01		51.7	51.7
52.4	13:28:02		52.4	52.4
51.3	13:28:03		51.3	51.3
51.6	13:28:04		51.6	51.6
51.6	13:28:05		51.6	51.6
50.5	13:28:06		50.5	50.5
50.6	13:28:07		50.6	50.6
50.9	13:28:08		50.9	50.9
51.3	13:28:09		51.3	51.3
53.4	13:28:10		53.4	53.4
53.1	13:28:11		53.1	53.1
52.6	13:28:12		52.6	52.6
53.5	13:28:13		53.5	53.5
53.5	13:28:14		53.5	53.5
52.9	13:28:15		52.9	52.9
52.6	13:28:16		52.6	52.6
51.7	13:28:17		51.7	51.7
50.0	13:28:18		50.0	50.0
48.9	13:28:19		48.9	48.9
48.9	13:28:20		48.9	48.9
49.4	13:28:21		49.4	49.4
49.8	13:28:22		49.8	49.8
48.6	13:28:23		48.6	48.6
48.3	13:28:24		48.3	48.3
50.2	13:28:25		50.2	50.2
49.9	13:28:26		49.9	49.9
50.2	13:28:27		50.2	50.2
50.9	13:28:28		50.9	50.9
50.5	13:28:29		50.5	50.5
50.2	13:28:30		50.2	50.2
52.6	13:28:31		52.6	52.6
52.8	13:28:32		52.8	52.8
51.2	13:28:33		51.2	51.2
50.5	13:28:34		50.5	50.5
51.0	13:28:35		51.0	51.0
51.1	13:28:36		51.1	51.1
51.9	13:28:37		51.9	51.9
53.3	13:28:38		53.3	53.3
52.0	13:28:39		52.0	52.0
50.1	13:28:40		50.1	50.1
49.5	13:28:41		49.5	49.5
49.4	13:28:42		49.4	49.4
49.3	13:28:43		49.3	49.3
50.4	13:28:44		50.4	50.4
50.2	13:28:45		50.2	50.2
51.3	13:28:46		51.3	51.3
51.3	13:28:47		51.3	51.3
51.0	13:28:48		51.0	51.0
50.6	13:28:49		50.6	50.6
51.0	13:28:50		51.0	51.0
50.1	13:28:51		50.1	50.1
51.1	13:28:52		51.1	51.1
55.0	13:28:53		55.0	55.0
55.5	13:28:54		55.5	55.5
52.9	13:28:55		52.9	52.9
51.8	13:28:56		51.8	51.8
52.0	13:28:57		52.0	52.0
51.9	13:28:58		51.9	51.9
51.9	13:28:59		51.9	51.9
51.4	13:29:00		51.4	51.4

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
39.3	13:32:50		39.3	39.3
40.2	13:32:51		40.2	40.2
38.7	13:32:52		38.7	38.7
38.3	13:32:53		38.3	38.3
38.1	13:32:54		38.1	38.1
39.3	13:32:55		39.3	39.3
40.5	13:32:56		40.5	40.5
41.5	13:32:57		41.5	41.5
41.0	13:32:58		41.0	41.0
41.0	13:32:59		41.0	41.0
39.3	13:33:00		39.3	39.3
38.4	13:33:01		38.4	38.4
38.6	13:33:02		38.6	38.6
38.2	13:33:03		38.2	38.2
37.9	13:33:04		37.9	37.9
38.5	13:33:05		38.5	38.5
40.6	13:33:06		40.6	40.6
45.9	13:33:07		45.9	45.9
49.6	13:33:08		49.6	49.6
50.6	13:33:09		50.6	50.6
51.0	13:33:10		51.0	51.0
49.4	13:33:11		49.4	49.4
48.9	13:33:12		48.9	48.9
47.4	13:33:13		47.4	47.4
46.8	13:33:14		46.8	46.8
45.9	13:33:15		45.9	45.9
46.4	13:33:16		46.4	46.4
47.7	13:33:17		47.7	47.7
47.0	13:33:18		47.0	47.0
48.7	13:33:19		48.7	48.7
51.2	13:33:20		51.2	51.2
51.3	13:33:21		51.3	51.3
50.5	13:33:22		50.5	50.5
49.2	13:33:23		49.2	49.2
47.4	13:33:24		47.4	47.4
45.1	13:33:25		45.1	45.1
43.5	13:33:26		43.5	43.5
42.9	13:33:27		42.9	42.9
41.0	13:33:28		41.0	41.0
40.9	13:33:29		40.9	40.9
39.8	13:33:30		39.8	39.8
38.5	13:33:31		38.5	38.5
40.1	13:33:32		40.1	40.1
41.9	13:33:33		41.9	41.9
42.6	13:33:34		42.6	42.6
42.1	13:33:35		42.1	42.1
40.4	13:33:36		40.4	40.4
40.1	13:33:37		40.1	40.1
40.9	13:33:38		40.9	40.9
41.0	13:33:39		41.0	41.0
42.8	13:33:40		42.8	42.8
43.2	13:33:41		43.2	43.2
44.6	13:33:42		44.6	44.6
46.7	13:33:43		46.7	46.7
46.3	13:33:44		46.3	46.3
46.1	13:33:45		46.1	46.1
44.0	13:33:46		44.0	44.0
42.6	13:33:47		42.6	42.6
42.6	13:33:48		42.6	42.6
43.3	13:33:49		43.3	43.3
42.8	13:33:50		42.8	42.8
43.0	13:33:51		43.0	43.0
41.2	13:33:52		41.2	41.2
41.4	13:33:53		41.4	41.4
43.1	13:33:54		43.1	43.1
43.1	13:33:55		43.1	43.1
42.7	13:33:56		42.7	42.7
40.6	13:33:57		40.6	40.6
40.9	13:33:58		40.9	40.9
39.3	13:33:59		39.3	39.3
38.9	13:34:00		38.9	38.9
40.9	13:34:01		40.9	40.9
42.5	13:34:02		42.5	42.5
42.7	13:34:03		42.7	42.7
43.3	13:34:04		43.3	43.3
45.8	13:34:05		45.8	45.8
45.8	13:34:06		45.8	45.8
44.9	13:34:07		44.9	44.9
45.4	13:34:08		45.4	45.4
46.0	13:34:09		46.0	46.0
44.4	13:34:10		44.4	44.4
42.4	13:34:11		42.4	42.4
40.7	13:34:12		40.7	40.7
40.5	13:34:13		40.5	40.5
39.9	13:34:14		39.9	39.9
41.7	13:34:15		41.7	41.7
41.4	13:34:16		41.4	41.4
41.2	13:34:17		41.2	41.2
40.1	13:34:18		40.1	40.1
39.0	13:34:19		39.0	39.0
39.4	13:34:20		39.4	39.4
40.5	13:34:21		40.5	40.5
42.2	13:34:22		42.2	42.2
42.7	13:34:23		42.7	42.7
41.6	13:34:24		41.6	41.6
41.8	13:34:25		41.8	41.8
45.7	13:34:26		45.7	45.7
45.4	13:34:27		45.4	45.4
45.1	13:34:28		45.1	45.1
43.8	13:34:29		43.8	43.8
43.5	13:34:30		43.5	43.5
45.1	13:34:31		45.1	45.1
46.4	13:34:32		46.4	46.4
44.3	13:34:33		44.3	44.3
43.3	13:34:34		43.3	43.3
43.7	13:34:35		43.7	43.7
45.2	13:34:36		45.2	45.2
44.6	13:34:37		44.6	44.6
43.5	13:34:38		43.5	43.5
42.2	13:34:39		42.2	42.2
40.0	13:34:40		40.0	40.0
45.0	13:34:41		45.0	45.0
46.8	13:34:42		46.8	46.8
48.1	13:34:43		48.1	48.1
46.6	13:34:44		46.6	46.6
44.4	13:34:45		44.4	44.4
44.0	13:34:46		44.0	44.0
46.6	13:34:47		46.6	46.6
45.5	13:34:48		45.5	45.5
43.7	13:34:49		43.7	43.7
41.7	13:34:50		41.7	41.7
40.8	13:34:51		40.8	40.8
41.5	13:34:52		41.5	41.5
40.9	13:34:53		40.9	40.9
40.2	13:34:54		40.2	40.2
42.1	13:34:55		42.1	42.1
42.7	13:34:56		42.7	42.7
44.0	13:34:57		44.0	44.0
45.0	13:34:58		45.0	45.0
54.9	13:34:59		54.9	54.9
54.5	13:35:00		54.5	54.5
51.2	13:35:01		51.2	51.2
49.7	13:35:02		49.7	49.7
49.6	13:35:03		49.6	49.6
48.8	13:35:04		48.8	48.8
48.6	13:35:05		48.6	48.6
49.0	13:35:06		49.0	49.0
49.0	13:35:07		49.0	49.0
48.1	13:35:08		48.1	48.1
52.4	13:35:09		52.4	52.4
55.5	13:35:10		55.5	55.5
53.2	13:35:11		53.2	53.2
50.4	13:35:12		50.4	50.4
47.7	13:35:13		47.7	47.7
47.0	13:35:14		47.0	47.0
47.6	13:35:15		47.6	47.6
53.3	13:35:16		53.3	53.3
61.2	13:35:17		61.2	61.2
59.3	13:35:18		59.3	59.3
56.3	13:35:19		56.3	56.3
54.2	13:35:20		54.2	54.2
51.6	13:35:21		51.6	51.6
49.0	13:35:22		49.0	49.0
46.8	13:35:23		46.8	46.8
45.9	13:35:24		45.9	45.9
46.1	13:35:25		46.1	46.1
49.9	13:35:26		49.9	49.9
54.4	13:35:27		54.4	54.4
51.4	13:35:28		51.4	51.4
48.1	13:35:29		48.1	48.1
46.7	13:35:30		46.7	46.7
45.6	13:35:31		45.6	45.6

Site 1 - Near Southeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
69.3	13:14:38		69.3	69.3
66.1	13:14:39		66.1	66.1
62.5	13:14:40		62.5	62.5
59.1	13:14:41		59.1	59.1
56.2	13:14:42		56.2	56.2
53.3	13:14:43		53.3	53.3
50.9	13:14:44		50.9	50.9
51.7	13:14:45		51.7	51.7
55.7	13:14:46		55.7	55.7
61.2	13:14:47		61.2	61.2
69.4	13:14:48		69.4	69.4
74.2	13:14:49		74.2	74.2
78.4	13:14:50		78.4	78.4
78.5	13:14:51		78.5	78.5
75.2	13:14:52		75.2	75.2
71.5	13:14:53		71.5	71.5
67.7	13:14:54		67.7	67.7
64.0	13:14:55		64.0	64.0
60.8	13:14:56		60.8	60.8
59.6	13:14:57		59.6	59.6
63.3	13:14:58		63.3	63.3
71.3	13:14:59		71.3	71.3
74.7	13:15:00		74.7	74.7
72.8	13:15:01		72.8	72.8
69.0	13:15:02		69.0	69.0
65.0	13:15:03		65.0	65.0
61.2	13:15:04		61.2	61.2
57.4	13:15:05		57.4	57.4
53.7	13:15:06		53.7	53.7
50.5	13:15:07		50.5	50.5
48.0	13:15:08		48.0	48.0
47.0	13:15:09		47.0	47.0
45.8	13:15:10		45.8	45.8
45.4	13:15:11		45.4	45.4
49.5	13:15:12		49.5	49.5
50.5	13:15:13		50.5	50.5
48.3	13:15:14		48.3	48.3
46.7	13:15:15		46.7	46.7
45.5	13:15:16		45.5	45.5
46.1	13:15:17		46.1	46.1
47.6	13:15:18		47.6	47.6
49.2	13:15:19		49.2	49.2
57.8	13:15:20		57.8	57.8
59.6	13:15:21		59.6	59.6
60.4	13:15:22		60.4	60.4
64.3	13:15:23		64.3	64.3
68.8	13:15:24		68.8	68.8
70.1	13:15:25		70.1	70.1
67.3	13:15:26		67.3	67.3
63.5	13:15:27		63.5	63.5
59.7	13:15:28		59.7	59.7
56.2	13:15:29		56.2	56.2
53.4	13:15:30		53.4	53.4
52.2	13:15:31		52.2	52.2
51.6	13:15:32		51.6	51.6
54.3	13:15:33		54.3	54.3
57.3	13:15:34		57.3	57.3
61.7	13:15:35		61.7	61.7
69.8	13:15:36		69.8	69.8
74.7	13:15:37		74.7	74.7
73.2	13:15:38		73.2	73.2
69.4	13:15:39		69.4	69.4
65.5	13:15:40		65.5	65.5
61.8	13:15:41		61.8	61.8
58.1	13:15:42		58.1	58.1
55.1	13:15:43		55.1	55.1
52.6	13:15:44		52.6	52.6
51.2	13:15:45		51.2	51.2
52.1	13:15:46		52.1	52.1
57.8	13:15:47		57.8	57.8
59.0	13:15:48		59.0	59.0
55.4	13:15:49		55.4	55.4
52.1	13:15:50		52.1	52.1
49.8	13:15:51		49.8	49.8
48.7	13:15:52		48.7	48.7
49.3	13:15:53		49.3	49.3
50.7	13:15:54		50.7	50.7
51.3	13:15:55		51.3	51.3
49.6	13:15:56		49.6	49.6
48.3	13:15:57		48.3	48.3
47.9	13:15:58		47.9	47.9
47.7	13:15:59		47.7	47.7
48.0	13:16:00		48.0	48.0
48.4	13:16:01		48.4	48.4
48.4	13:16:02		48.4	48.4
47.6	13:16:03		47.6	47.6
47.1	13:16:04		47.1	47.1
47.1	13:16:05		47.1	47.1
47.4	13:16:06		47.4	47.4
49.3	13:16:07		49.3	49.3
49.5	13:16:08		49.5	49.5
48.4	13:16:09		48.4	48.4
48.5	13:16:10		48.5	48.5
49.4	13:16:11		49.4	49.4
48.6	13:16:12		48.6	48.6
49.6	13:16:13		49.6	49.6
49.6	13:16:14		49.6	49.6
51.7	13:16:15		51.7	51.7
50.5	13:16:16		50.5	50.5
47.8	13:16:17		47.8	47.8
46.3	13:16:18		46.3	46.3
46.7	13:16:19		46.7	46.7
50.3	13:16:20		50.3	50.3
48.0	13:16:21		48.0	48.0
46.4	13:16:22		46.4	46.4
45.0	13:16:23		45.0	45.0
43.6	13:16:24		43.6	43.6
47.8	13:16:25		47.8	47.8
47.1	13:16:26		47.1	47.1
45.5	13:16:27		45.5	45.5
44.6	13:16:28		44.6	44.6
44.3	13:16:29		44.3	44.3
46.9	13:16:30		46.9	46.9
50.5	13:16:31		50.5	50.5
51.1	13:16:32		51.1	51.1
48.2	13:16:33		48.2	48.2
45.6	13:16:34		45.6	45.6
46.1	13:16:35		46.1	46.1
45.3	13:16:36		45.3	45.3
44.0	13:16:37		44.0	44.0
43.4	13:16:38		43.4	43.4
43.4	13:16:39		43.4	43.4
43.8	13:16:40		43.8	43.8
46.6	13:16:41		46.6	46.6
45.7	13:16:42		45.7	45.7
45.4	13:16:43		45.4	45.4
46.7	13:16:44		46.7	46.7
48.4	13:16:45		48.4	48.4
55.0	13:16:46		55.0	55.0
62.4	13:16:47		62.4	62.4
69.5	13:16:48		69.5	69.5
74.5	13:16:49		74.5	74.5
73.8	13:16:50		73.8	73.8
70.0	13:16:51		70.0	70.0
66.2	13:16:52		66.2	66.2
62.4	13:16:53		62.4	62.4
59.3	13:16:54		59.3	59.3
55.4	13:16:55		55.4	55.4
52.0	13:16:56		52.0	52.0
49.2	13:16:57		49.2	49.2
47.7	13:16:58		47.7	47.7
49.8	13:16:59		49.8	49.8
48.9	13:17:00		48.9	48.9
47.9	13:17:01		47.9	47.9
48.2	13:17:02		48.2	48.2
50.1	13:17:03		50.1	50.1
56.5	13:17:04		56.5	56.5
62.7	13:17:05		62.7	62.7
68.9	13:17:06		68.9	68.9
72.9	13:17:07		72.9	72.9
70.9	13:17:08		70.9	70.9
66.9	13:17:09		66.9	66.9
62.9	13:17:10		62.9	62.9
59.0	13:17:11		59.0	59.0
55.3	13:17:12		55.3	55.3
52.5	13:17:13		52.5	52.5
50.4	13:17:14		50.4	50.4
51.6	13:17:15		51.6	51.6
49.7	13:17:16		49.7	49.7
48.6	13:17:17		48.6	48.6
48.7	13:17:18		48.7	48.7
49.1	13:17:19		49.1	49.1

Site 2 - Near Northeast Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
50.7	13:29:01		50.7	50.7
49.7	13:29:02		49.7	49.7
49.4	13:29:03		49.4	49.4
50.0	13:29:04		50.0	50.0
51.5	13:29:05		51.5	51.5
53.1	13:29:06		53.1	53.1
51.1	13:29:07		51.1	51.1
49.8	13:29:08		49.8	49.8
50.8	13:29:09		50.8	50.8
50.6	13:29:10		50.6	50.6
49.4	13:29:11		49.4	49.4
50.3	13:29:12		50.3	50.3
52.9	13:29:13		52.9	52.9
51.8	13:29:14		51.8	51.8
50.9	13:29:15		50.9	50.9
50.6	13:29:16		50.6	50.6
50.5	13:29:17		50.5	50.5
51.8	13:29:18		51.8	51.8
52.4	13:29:19		52.4	52.4
52.5	13:29:20		52.5	52.5
54.4	13:29:21		54.4	54.4
52.9	13:29:22		52.9	52.9
52.2	13:29:23		52.2	52.2
50.9	13:29:24		50.9	50.9
51.0	13:29:25		51.0	51.0
52.4	13:29:26		52.4	52.4
51.5	13:29:27		51.5	51.5
50.9	13:29:28		50.9	50.9
52.5	13:29:29		52.5	52.5
53.8	13:29:30		53.8	53.8
55.9	13:29:31		55.9	55.9
57.8	13:29:32		57.8	57.8
64.2	13:29:33		64.2	64.2
71.5	13:29:34		71.5	71.5
73.5	13:29:35		73.5	73.5
71.0	13:29:36		71.0	71.0
67.2	13:29:37		67.2	67.2
63.3	13:29:38		63.3	63.3
59.5	13:29:39		59.5	59.5
57.0	13:29:40		57.0	57.0
54.4	13:29:41		54.4	54.4
52.8	13:29:42		52.8	52.8
52.7	13:29:43		52.7	52.7
52.7	13:29:44		52.7	52.7
51.2	13:29:45		51.2	51.2
49.6	13:29:46		49.6	49.6
48.3	13:29:47		48.3	48.3
48.0	13:29:48		48.0	48.0
50.5	13:29:49		50.5	50.5
50.0	13:29:50		50.0	50.0
49.9	13:29:51		49.9	49.9
49.2	13:29:52		49.2	49.2
49.3	13:29:53		49.3	49.3
50.2	13:29:54		50.2	50.2
50.4	13:29:55		50.4	50.4
50.4	13:29:56		50.4	50.4
49.9	13:29:57		49.9	49.9
51.0	13:29:58		51.0	51.0
51.3	13:29:59		51.3	51.3
51.0	13:30:00		51.0	51.0
49.4	13:30:01		49.4	49.4
49.8	13:30:02		49.8	49.8
50.6	13:30:03		50.6	50.6
52.1	13:30:04		52.1	52.1
52.4	13:30:05		52.4	52.4
51.1	13:30:06		51.1	51.1
51.1	13:30:07		51.1	51.1
51.7	13:30:08		51.7	51.7
52.2	13:30:09		52.2	52.2
52.4	13:30:10		52.4	52.4
51.7	13:30:11		51.7	51.7
51.8	13:30:12		51.8	51.8
51.7	13:30:13		51.7	51.7
52.7	13:30:14		52.7	52.7
54.3	13:30:15		54.3	54.3
52.9	13:30:16		52.9	52.9
53.0	13:30:17		53.0	53.0
53.4	13:30:18		53.4	53.4
52.2	13:30:19		52.2	52.2
51.1	13:30:20		51.1	51.1
51.3	13:30:21		51.3	51.3
51.3	13:30:22		51.3	51.3
51.5	13:30:23		51.5	51.5
53.1	13:30:24		53.1	53.1
52.5	13:30:25		52.5	52.5
51.8	13:30:26		51.8	51.8
51.6	13:30:27		51.6	51.6
52.4	13:30:28		52.4	52.4
51.1	13:30:29		51.1	51.1
51.3	13:30:30		51.3	51.3
52.1	13:30:31		52.1	52.1
53.0	13:30:32		53.0	53.0
52.4	13:30:33		52.4	52.4
52.2	13:30:34		52.2	52.2
52.8	13:30:35		52.8	52.8
52.4	13:30:36		52.4	52.4
52.3	13:30:37		52.3	52.3
52.7	13:30:38		52.7	52.7
52.6	13:30:39		52.6	52.6
51.0	13:30:40		51.0	51.0
50.9	13:30:41		50.9	50.9
51.2	13:30:42		51.2	51.2
51.2	13:30:43		51.2	51.2
53.0	13:30:44		53.0	53.0
53.1	13:30:45		53.1	53.1
52.3	13:30:46		52.3	52.3
56.3	13:30:47		56.3	56.3
56.2	13:30:48		56.2	56.2
54.3	13:30:49		54.3	54.3
53.7	13:30:50		53.7	53.7
53.8	13:30:51		53.8	53.8
54.6	13:30:52		54.6	54.6
53.0	13:30:53		53.0	53.0
52.4	13:30:54		52.4	52.4
52.8	13:30:55		52.8	52.8
52.6	13:30:56		52.6	52.6
52.6	13:30:57		52.6	52.6
52.2	13:30:58		52.2	52.2
51.9	13:30:59		51.9	51.9
52.1	13:31:00		52.1	52.1
52.5	13:31:01		52.5	52.5
53.2	13:31:02		53.2	53.2
54.4	13:31:03		54.4	54.4
56.3	13:31:04		56.3	56.3
56.7	13:31:05		56.7	56.7
55.4	13:31:06		55.4	55.4
53.6	13:31:07		53.6	53.6
52.7	13:31:08		52.7	52.7
52.9	13:31:09		52.9	52.9
53.2	13:31:10		53.2	53.2
53.8	13:31:11		53.8	53.8
52.1	13:31:12		52.1	52.1
51.0	13:31:13		51.0	51.0
52.2	13:31:14		52.2	52.2
52.9	13:31:15		52.9	52.9
52.0	13:31:16		52.0	52.0
52.6	13:31:17		52.6	52.6
54.8	13:31:18		54.8	54.8
54.9	13:31:19		54.9	54.9
53.7	13:31:20		53.7	53.7
52.4	13:31:21		52.4	52.4
51.4	13:31:22		51.4	51.4
51.5	13:31:23		51.5	51.5
52.1	13:31:24		52.1	52.1
53.9	13:31:25		53.9	53.9
53.0	13:31:26		53.0	53.0
51.7	13:31:27		51.7	51.7
51.7	13:31:28		51.7	51.7
51.9	13:31:29		51.9	51.9
52.0	13:31:30		52.0	52.0
51.7	13:31:31		51.7	51.7
52.6	13:31:32		52.6	52.6
52.2	13:31:33		52.2	52.2
53.0	13:31:34		53.0	53.0
52.7	13:31:35		52.7	52.7
53.3	13:31:36		53.3	53.3
52.8	13:31:37		52.8	52.8
51.4	13:31:38		51.4	51.4
52.0	13:31:39		52.0	52.0
53.6	13:31:40		53.6	53.6
54.1	13:31:41		54.1	54.1
54.6	13:31:42		54.6	54.6

Site 3 - Near Northwest Corner of Project Site

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
43.6	13:35:32		43.6	43.6
42.1	13:35:33		42.1	42.1
42.9	13:35:34		42.9	42.9
42.0	13:35:35		42.0	42.0
41.9	13:35:36		41.9	41.9
43.1	13:35:37		43.1	43.1
46.8	13:35:38		46.8	46.8
54.9	13:35:39		54.9	54.9
53.1	13:35:40		53.1	53.1
49.4	13:35:41		49.4	49.4
46.3	13:35:42		46.3	46.3
47.0	13:35:43		47.0	47.0
46.8	13:35:44		46.8	46.8
47.3	13:35:45		47.3	47.3
48.2	13:35:46		48.2	48.2
48.8	13:35:47		48.8	48.8
49.6	13:35:48		49.6	49.6
48.4	13:35:49		48.4	48.4
46.6	13:35:50		46.6	46.6
46.1	13:35:51		46.1	46.1
45.6	13:35:52		45.6	45.6
44.6	13:35:53		44.6	44.6
43.1	13:35:54		43.1	43.1
42.0	13:35:55		42.0	42.0
41.9	13:35:56		41.9	41.9
41.2	13:35:57		41.2	41.2
41.1	13:35:58		41.1	41.1
43.7	13:35:59		43.7	43.7
45.4	13:36:00		45.4	45.4
43.8	13:36:01		43.8	43.8
43.3	13:36:02		43.3	43.3
43.4	13:36:03		43.4	43.4
45.9	13:36:04		45.9	45.9
47.6	13:36:05		47.6	47.6
47.6	13:36:06		47.6	47.6
48.5	13:36:07		48.5	48.5
46.9	13:36:08		46.9	46.9
44.5	13:36:09		44.5	44.5
43.4	13:36:10		43.4	43.4
41.2	13:36:11		41.2	41.2
40.3	13:36:12		40.3	40.3
40.5	13:36:13		40.5	40.5
42.5	13:36:14		42.5	42.5
42.9	13:36:15		42.9	42.9
43.3	13:36:16		43.3	43.3
42.2	13:36:17		42.2	42.2
41.6	13:36:18		41.6	41.6
41.8	13:36:19		41.8	41.8
40.9	13:36:20		40.9	40.9
39.1	13:36:21		39.1	39.1
39.6	13:36:22		39.6	39.6
40.5	13:36:23		40.5	40.5
40.4	13:36:24		40.4	40.4
40.3	13:36:25		40.3	40.3
40.0	13:36:26		40.0	40.0
40.6	13:36:27		40.6	40.6
40.8	13:36:28		40.8	40.8
40.8	13:36:29		40.8	40.8
40.4	13:36:30		40.4	40.4
40.2	13:36:31		40.2	40.2
41.1	13:36:32		41.1	41.1
46.7	13:36:33		46.7	46.7
45.2	13:36:34		45.2	45.2
43.6	13:36:35		43.6	43.6
46.3	13:36:36		46.3	46.3
49.1	13:36:37		49.1	49.1
47.7	13:36:38		47.7	47.7
44.6	13:36:39		44.6	44.6
43.5	13:36:40		43.5	43.5
44.1	13:36:41		44.1	44.1
42.0	13:36:42		42.0	42.0
41.4	13:36:43		41.4	41.4
42.9	13:36:44		42.9	42.9
43.4	13:36:45		43.4	43.4
41.7	13:36:46		41.7	41.7
41.2	13:36:47		41.2	41.2
44.3	13:36:48		44.3	44.3
43.9	13:36:49		43.9	43.9
41.9	13:36:50		41.9	41.9
41.3	13:36:51		41.3	41.3
41.7	13:36:52		41.7	41.7
43.4	13:36:53		43.4	43.4
43.7	13:36:54		43.7	43.7
43.1	13:36:55		43.1	43.1
43.2	13:36:56		43.2	43.2
41.8	13:36:57		41.8	41.8
41.6	13:36:58		41.6	41.6
41.9	13:36:59		41.9	41.9
41.1	13:37:00		41.1	41.1
40.7	13:37:01		40.7	40.7
40.7	13:37:02		40.7	40.7
41.1	13:37:03		41.1	41.1
41.0	13:37:04		41.0	41.0
40.9	13:37:05		40.9	40.9
41.8	13:37:06		41.8	41.8
41.7	13:37:07		41.7	41.7
42.1	13:37:08		42.1	42.1
45.9	13:37:09		45.9	45.9
45.5	13:37:10		45.5	45.5
47.2	13:37:11		47.2	47.2
45.4	13:37:12		45.4	45.4
44.7	13:37:13		44.7	44.7
46.5	13:37:14		46.5	46.5
46.6	13:37:15		46.6	46.6
43.8	13:37:16		43.8	43.8
43.9	13:37:17		43.9	43.9
44.6	13:37:18		44.6	44.6
45.7	13:37:19		45.7	45.7
45.7	13:37:20		45.7	45.7
45.5	13:37:21		45.5	45.5
45.9	13:37:22		45.9	45.9
44.5	13:37:23		44.5	44.5
43.6	13:37:24		43.6	43.6
42.3	13:37:25		42.3	42.3
42.1	13:37:26		42.1	42.1
43.4	13:37:27		43.4	43.4
42.3	13:37:28		42.3	42.3
41.3	13:37:29		41.3	41.3
40.5	13:37:30		40.5	40.5
41.0	13:37:31		41.0	41.0
40.7	13:37:32		40.7	40.7
40.1	13:37:33		40.1	40.1
42.1	13:37:34		42.1	42.1
42.9	13:37:35		42.9	42.9
43.3	13:37:36		43.3	43.3
43.7	13:37:37		43.7	43.7
43.3	13:37:38		43.3	43.3
42.7	13:37:39		42.7	42.7
42.0	13:37:40		42.0	42.0
42.0	13:37:41		42.0	42.0
43.1	13:37:42		43.1	43.1
45.3	13:37:43		45.3	45.3
46.5	13:37:44		46.5	46.5
45.4	13:37:45		45.4	45.4
44.5	13:37:46		44.5	44.5
45.4	13:37:47		45.4	45.4
47.4	13:37:48		47.4	47.4
46.5	13:37:49		46.5	46.5
48.3	13:37:50		48.3	48.3
52.2	13:37:51		52.2	52.2
50.9	13:37:52		50.9	50.9
49.3	13:37:53		49.3	49.3
47.5	13:37:54		47.5	47.5
45.4	13:37:55		45.4	45.4
43.3	13:37:56		43.3	43.3
44.8	13:37:57		44.8	44.8
43.4	13:37:58		43.4	43.4
41.2	13:37:59		41.2	41.2
40.6	13:38:00		40.6	40.6
40.8	13:38:01		40.8	40.8
39.7	13:38:02		39.7	39.7
40.1	13:38:03		40.1	40.1
40.4	13:38:04		40.4	40.4
40.8	13:38:05		40.8	40.8
40.1	13:38:06		40.1	40.1
40.7	13:38:07		40.7	40.7
41.3	13:38:08		41.3	41.3
41.5	13:38:09		41.5	41.5
43.0	13:38:10		43.0	43.0
42.8	13:38:11		42.8	42.8
42.7	13:38:12		42.7	42.7
43.8	13:38:13		43.8	43.8

Site 1 - Near Southeast Corner of Project Site					Site 2 - Near Northeast Corner of Project Site					Site 3 - Near Northwest Corner of Project Site				
SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL	SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL	SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
50.2	13:17:20		50.2	50.2	56.2	13:31:43		56.2	56.2	42.8	13:38:14		42.8	42.8
51.2	13:17:21		51.2	51.2	58.5	13:31:44		58.5	58.5	41.2	13:38:15		41.2	41.2
48.9	13:17:22		48.9	48.9	57.7	13:31:45		57.7	57.7	40.7	13:38:16		40.7	40.7
47.4	13:17:23		47.4	47.4	57.4	13:31:46		57.4	57.4	40.5	13:38:17		40.5	40.5
47.9	13:17:24		47.9	47.9	56.8	13:31:47		56.8	56.8	40.4	13:38:18		40.4	40.4
47.1	13:17:25		47.1	47.1	56.4	13:31:48		56.4	56.4	42.5	13:38:19		42.5	42.5
46.8	13:17:26		46.8	46.8	56.8	13:31:49		56.8	56.8	43.9	13:38:20		43.9	43.9
49.4	13:17:27		49.4	49.4	56.7	13:31:50		56.7	56.7	44.2	13:38:21		44.2	44.2
49.1	13:17:28		49.1	49.1	55.1	13:31:51		55.1	55.1	44.2	13:38:22		44.2	44.2
50.7	13:17:29		50.7	50.7	55.5	13:31:52		55.5	55.5	45.3	13:38:23		45.3	45.3
48.8	13:17:30		48.8	48.8	55.0	13:31:53		55.0	55.0	43.5	13:38:24		43.5	43.5
47.6	13:17:31		47.6	47.6	54.5	13:31:54		54.5	54.5	41.0	13:38:25		41.0	41.0
47.1	13:17:32		47.1	47.1	54.0	13:31:55		54.0	54.0	40.1	13:38:26		40.1	40.1
52.3	13:17:33		52.3	52.3	53.8	13:31:56		53.8	53.8	42.5	13:38:27		42.5	42.5
50.6	13:17:34		50.6	50.6	52.9	13:31:57		52.9	52.9	42.9	13:38:28		42.9	42.9
48.2	13:17:35		48.2	48.2	53.2	13:31:58		53.2	53.2	41.6	13:38:29		41.6	41.6
49.2	13:17:36		49.2	49.2	53.7	13:31:59		53.7	53.7	41.5	13:38:30		41.5	41.5
48.8	13:17:37		48.8	48.8	52.4	13:32:00		52.4	52.4	41.3	13:38:31		41.3	41.3
47.1	13:17:38		47.1	47.1	51.9	13:32:01		51.9	51.9	40.9	13:38:32		40.9	40.9
46.3	13:17:39		46.3	46.3	52.6	13:32:02		52.6	52.6	42.7	13:38:33		42.7	42.7
46.5	13:17:40		46.5	46.5	53.4	13:32:03		53.4	53.4	44.2	13:38:34		44.2	44.2
45.8	13:17:41		45.8	45.8	52.9	13:32:04		52.9	52.9	46.1	13:38:35		46.1	46.1
46.2	13:17:42		46.2	46.2	52.4	13:32:05		52.4	52.4	46.3	13:38:36		46.3	46.3
52.6	13:17:43		52.6	52.6	52.1	13:32:06		52.1	52.1	46.1	13:38:37		46.1	46.1
51.4	13:17:44		51.4	51.4	51.6	13:32:07		51.6	51.6	43.6	13:38:38		43.6	43.6
49.3	13:17:45		49.3	49.3	52.2	13:32:08		52.2	52.2	43.1	13:38:39		43.1	43.1
48.0	13:17:46		48.0	48.0	51.8	13:32:09		51.8	51.8	43.0	13:38:40		43.0	43.0
47.3	13:17:47		47.3	47.3	50.7	13:32:10		50.7	50.7	41.8	13:38:41		41.8	41.8
46.8	13:17:48		46.8	46.8	51.6	13:32:11		51.6	51.6	42.6	13:38:42		42.6	42.6
49.8	13:17:49		49.8	49.8	51.4	13:32:12		51.4	51.4	44.2	13:38:43		44.2	44.2
49.4	13:17:50		49.4	49.4	52.1	13:32:13		52.1	52.1	43.5	13:38:44		43.5	43.5
49.5	13:17:51		49.5	49.5	52.8	13:32:14		52.8	52.8	44.3	13:38:45		44.3	44.3
52.0	13:17:52		52.0	52.0	53.1	13:32:15		53.1	53.1	46.1	13:38:46		46.1	46.1
55.8	13:17:53		55.8	55.8	53.0	13:32:16		53.0	53.0	45.4	13:38:47		45.4	45.4
59.8	13:17:54		59.8	59.8	51.9	13:32:17		51.9	51.9	44.7	13:38:48		44.7	44.7
62.4	13:17:55		62.4	62.4	52.9	13:32:18		52.9	52.9	42.4	13:38:49		42.4	42.4
68.6	13:17:56		68.6	68.6	51.7	13:32:19		51.7	51.7	42.7	13:38:50		42.7	42.7
71.2	13:17:57		71.2	71.2	51.5	13:32:20		51.5	51.5	44.3	13:38:51		44.3	44.3
69.1	13:17:58		69.1	69.1	52.2	13:32:21		52.2	52.2	45.8	13:38:52		45.8	45.8
65.3	13:17:59		65.3	65.3	52.4	13:32:22		52.4	52.4	45.9	13:38:53		45.9	45.9
61.4	13:18:00		61.4	61.4	52.6	13:32:23		52.6	52.6	45.2	13:38:54		45.2	45.2
57.4	13:18:01		57.4	57.4	52.1	13:32:24		52.1	52.1	44.7	13:38:55		44.7	44.7
53.9	13:18:02		53.9	53.9	52.4	13:32:25		52.4	52.4	45.8	13:38:56		45.8	45.8
50.8	13:18:03		50.8	50.8	51.9	13:32:26		51.9	51.9	45.6	13:38:57		45.6	45.6
48.6	13:18:04		48.6	48.6	52.0	13:32:27		52.0	52.0	48.1	13:38:58		48.1	48.1
47.5	13:18:05		47.5	47.5	53.0	13:32:28		53.0	53.0	49.0	13:38:59		49.0	49.0
47.4	13:18:06		47.4	47.4	53.1	13:32:29		53.1	53.1	48.0	13:39:00		48.0	48.0
48.1	13:18:07		48.1	48.1	51.4	13:32:30		51.4	51.4	47.6	13:39:01		47.6	47.6
50.5	13:18:08		50.5	50.5	50.7	13:32:31		50.7	50.7	47.3	13:39:02		47.3	47.3
55.6	13:18:09		55.6	55.6	50.7	13:32:32		50.7	50.7	46.3	13:39:03		46.3	46.3
61.0	13:18:10		61.0	61.0	51.0	13:32:33		51.0	51.0	45.9	13:39:04		45.9	45.9
68.4	13:18:11		68.4	68.4	52.3	13:32:34		52.3	52.3	45.2	13:39:05		45.2	45.2
70.9	13:18:12		70.9	70.9	55.6	13:32:35		55.6	55.6	47.1	13:39:06		47.1	47.1
68.8	13:18:13		68.8	68.8	61.3	13:32:36		61.3	61.3	45.3	13:39:07		45.3	45.3
65.4	13:18:14		65.4	65.4	75.5	13:32:37		75.5	75.5	44.2	13:39:08		44.2	44.2
62.1	13:18:15		62.1	62.1	77.8	13:32:38		77.8	77.8	44.6	13:39:09		44.6	44.6
59.3	13:18:16		59.3	59.3	74.7	13:32:39		74.7	74.7	46.0	13:39:10		46.0	46.0
56.5	13:18:17		56.5	56.5	70.9	13:32:40		70.9	70.9	44.6	13:39:11		44.6	44.6
53.5	13:18:18		53.5	53.5	66.9	13:32:41		66.9	66.9	44.3	13:39:12		44.3	44.3
51.3	13:18:19		51.3	51.3	63.0	13:32:42		63.0	63.0	44.1	13:39:13		44.1	44.1
51.1	13:18:20		51.1	51.1	59.5	13:32:43		59.5	59.5	42.8	13:39:14		42.8	42.8
50.4	13:18:21		50.4	50.4	56.5	13:32:44		56.5	56.5	42.8	13:39:15		42.8	42.8
49.4	13:18:22	62.2	49.4	49.4	54.8	13:32:45	61.0	54.8	54.8	41.6	13:39:16	51.3	41.6	41.6
48.7	13:18:23	62.2	48.7	48.7	54.1	13:32:46	61.0	54.1	54.1	43.6	13:39:17	51.2	43.6	43.6
48.3	13:18:24	62.2	48.3	48.3	54.1	13:32:47	61.0	54.1	54.1	43.0	13:39:18	51.2	43.0	43.0
50.6	13:18:25	62.2	50.6	50.6	54.1	13:32:48	61.0	54.1	54.1	41.0	13:39:19	51.2	41.0	41.0
50.9	13:18:26	62.2	50.9	50.9	53.2	13:32:49	61.0	53.2	53.2	39.4	13:39:20	51.1	39.4	39.4
51.0	13:18:27	62.2	51.0	51.0	51.9	13:32:50	61.0	51.9	51.9	37.9	13:39:21	51.0	37.9	37.9
49.8	13:18:28	62.2	49.8	49.8	52.2	13:32:51	61.0	52.2	52.2	37.9	13:39:22	50.9	37.9	37.9
47.7	13:18:29	62.2	47.7	47.7	53.0	13:32:52	61.0	53.0	53.0	39.1	13:39:23	50.9	39.1	39.1
46.9	13:18:30	62.2	46.9	46.9	52.4	13:32:53	61.0	52.4	52.4	39.6	13:39:24	50.9	39.6	39.6
46.8	13:18:31	62.2	46.8	46.8	51.9	13:32:54	61.0	51.9	51.9	40.8	13:39:25	50.9	40.8	40.8
47.2	13:18:32	62.2	47.2	47.2	51.5	13:32:55	61.0	51.5	51.5	41.9	13:39:26	50.8	41.9	41.9
51.7	13:18:33	62.2	51.7	51.7	51.7	13:32:56	61.0	51.7	51.7	42.2	13:39:27	50.8	42.2	42.2
50.5	13:18:34	62.2	50.5	50.5	51.8	13:32:57	61.0	51.8	51.8	41.9	13:39:28	50.8	41.9	41.9
53.2	13:18:35	62.2	53.2	53.2	52.0	13:32:58	61.0	52.0	52.0	42.0	13:39:29	50.7	42.0	42.0
54.2	13:18:36	62.2	54.2	54.2	52.5	13:32:59	61.0	52.5	52.5	42.9	13:39:30	50.7	42.9	42.9
51.2	13:18:37	62.2	51.2	51.2	54.0	13:33:00	61.0	54.0	54.0	42.2	13:39:31	50.7	42.2	42.2
49.6	13:18:38	62.2	49.6	49.6	52.9	13:33:01	61.0	52.9	52.9	40.4	13:39:32	50.7	40.4	40.4
49.2	13:18:39	62.2	49.2	49.2	52.9	13:33:02	61.0	52.9	52.9	39.7	13:39:33	50.7	39.7	39.7
50.0	13:18:40	62.2	50.0	50.0	51.9	13:33:03	61.0	51.9	51.9	41.2	13:39:34	50.7	41.2	41.2
52.8	13:18:41	62.2	52.8	52.8	51.3	13:33:04	61.0	51.3	51.3	41.4	13:39:35	50.7	41.4	41.4
56.9	13:18:42	62.2	56.9	56.9	51.7	13:33:05	61.0	51.7	51.7	41.5	13:39:36	50.7	41.5	41.5
58.8	13:18:43	62.2	58.8	58.8	51.3	13:33:06	61.0	51.3	51.3	42.9	13:39:37	50.7	42.9	42.9
60.6	13:18:44	62.2	60.6	60.6	50.8	13:33:07	61.0	50.8	50.8	44.4	13:39:38	50.7	44.4	44.4
63.2	13:18:45	62.2	63.2	63.2	51.0	13:33:08	61.0	51.0	51.0	45.8	13:39:39	50.7	45.8	45.8
68.9	13:18:46	62.2	68.9	68.9	51.8	13:33:09	61.0	51.8	51.8	47.0	13:39:40	50.7	47.0	47.0
72.2	13:18:47	62.2	72.2	72.2	52.3	13:33:10	61.0	52.3	52.3	46.1	13:39:41	50.7	46.1	46.1
72.9	13:18:48	62.2	72.9	72.9	52.2	13:33:11	61.0	52.2	52.2	44.2	13:39:42	50.7	44.2	44.2
70.6	13:18:49	62.2	70.6	70.6	51.8	13:33:12	61.0	51.8	51.8	44.6	13:39:43	50.7	44.6	44.6
67.6	13:18:50	62.2	67.6	67.6	51.4	13:33:13	61.0	51.4	51.4	44.6	13:39:44	50.7	44.6	44.6
64.1	13:18:51	62.2	64.1	64.1	51.9	13:33:14	61.0	51.9	51.9	44.4	13:39:45	50.7	44.4	44.4
60.5	13:18:52	62.2	60.5	60.5	51.4	13:33:15	61.0	51.4	51.4	44.5	13:39:46	50.7	44.5	44.5
57.3	13:18:53	62.2	57.3	57.3	52.2	13:33:16	61.0	52.2	52.2	44.8	13:39:47	50.7	44.8	44.8
54.1	13:18:54	62.2	54.1	54.1	52.4	13:33:17	61.0	52.4	52.4	46.2	13:39:48	50.7	46.2	46.2
51.6	13:18:55	62.2	51.6	51.6	52.9	13:33:18	61.0	52.9	52.9	48.0	13:39:49	50.7	48.0	48.0
49.3	13:18:56	62.2	49.3	49.3	51.5	13:33:19	61.0	51.5	51.5	47.9	13:39:50	50.7	47.9	47.9
48.3	13:18:57	62.2	48.3	48.3	51.3	13:33:20	61.0	51.3	51.3	47.9	13:39:51	50.7	47.9	47.9
48.4	13:18:58	62.2	48.4	48.4	52.0	13:33:21	61.0	52.0	52.0	47.8	13:39:52	50.7	47.8	47.8
49.6	13:18:59	62.2	49.6	49.6	52.2	13:33:22	61.0	52.2	52.2	46.7	13:39:53	50.6	46.7	46.7
46.5	13:19:00	62.2	46.5	46.5	53.2	13:33:23	61.0	53.2	53.2	44.1	13:39:54	50.6	44.1	44.1
44.6	13:19:01	62.2	44.6	44.6	53.0	13:33:24	61.0	53.0	53.0	43.3	13:39:55	50.6	43.3	43.3
47.4	13:19:02	62.1	47.4	47.4	52.2	13:33:25	61.0	52.2	52.2	44.1	13:39:56	50.6	44.1	44.1
49.6	13:19:03	62.1	49.6	49.6	52.4	13:33:26	61.0	52.4	52.4	45.4	13:39:57	50.6	45.4	45.4
47.1	13:19:04	62.1	47.1	47.1	53.5	13:33:27	61.0	53.5	53.5	46.4	13:39:58	50.6	46.4	46.4
45.1	13:19:05	62.1	45.1	45.1	52.8	13:33:28	61.0	52.8	52.8	45.0	13:39:59	50.6	45.0	45.0
43.8	13:19:06	62.1	43.8	43.8	52.6	13:33:29	61.0	52.6	52.6	44.3	13:40:00	50.6	44.3	44.3
42.7	13:19:07	62.1	42.7	42.7	53.1	13:33:30	61.0	53.1	53.1	45.2	13:40:01	50.5	45.2	45.2
41.5	13:19:08	62.1	41.5	41.5	53.8	13:33:31	61.0	53.8	53.8	43.3	13:40:02	50.5	43.3	43.3
41.4	13:19:09	62.1	41.4	41.4	54.1	13:33:32	61.0	54.1	54.1	44.6	13:40:03	50.5	44.6	44.6
43.2	13:19:10	62.1	43.2	43.2	57.6	13:33:33	61.0	57.6	57.6	42.9	13:40:04	50.5	42.9	42.9
43.9	13:19:11	62.1	43.9	43.9	56.8	13:33:34	61.0	56.8	56.8	43.1	13:40:05	50.5	43.1	43.1
42.5	13:19:12	62.1	42.5	42.5	54.8	13:33:35	61.0	54.8	54.8	41.8	13:40:06	50.5	41.8	41.8
44.4	13:19:13	62.1	44.4	44.4	54.5	13:33:36	61.0	54.5	54.5	39.8	13:40:07	50.5	39.8	39.8
48.5	13:19:14	62.1	48.5	48.5	54.4	13:33:37	61.0	54.4	54.4	39.6	13:40:08	50.5	39.6	39.6
49.4	13:19:15	62.1	49.4	49.4	53.4	13:33:38	60.9	53.4	53.4	41.3	13:40:09	50.5	41.3	41.3
48.2	13:19:16	62.1	48.2	48.2	52.3	13:33:39	60.9	52.3	52.3	41.8	13:40:10	50.5	41.8	41.8
48.5	13:19:17	62.1	48.5	48.5	51.7	13:33:40	60.9	51.7	51.7	41.4	13:40:11	50.5	41.4	41.4
47.5	13:19:18	62.1	47.5	47.5	51.9	13:33:41	60.9	51.9	51.9	40.8	13:40:12	50.5	40.8	40.8
46.6	13:19:19	62.1	46.6	46.6	54.8	13:33:42	60.9	54.8	54.8	40.8	13:40:13	50.2	40.8	40.8
46.9	13:19:20	62.1	46.9	46.9	53.8	13:33:43	60.9	53.8	53.8	40.9	13:40:14	49.6	40.9	40.9
47.2	13:19:21	62.1	47.2	47.2	52.2	13:33:44	60.9	52.2	52.2	48.6	13:40:15	49.4	48.6	48.6
48.9	13:19:22	62.1	48.9	48.9	51.8	13:33:45	60.9	51.8	51.8	46.6	13:40:16	49.3	46.6	46.6
48.1	13:19:23	62.1	48.1	48.1	52.7	13:33:46	60.9	52.7	52.7	45.0	13:40:17	49.3	45.0	45.0
47.4	13:19:24	62.1	47.4	47.4	52.1	13:33:47	60.9	52.1	52.1	45.5	13:40:18	49.3	45.5	45.5
48.0	13:19:25	62.1	48.0	48.0	51.2	13:33:48	60.9	51.2	51.2	46.0	13:40:19	49.3	46.0	46.0
49.7	13:19:26	62.1	49.7	49.7	51.1	13:33:49	60.9	51.1	51.1	45.4	13:40:20	49.3	45.4	45.4
50.3	13:19:27	62.1	50.3	50.3	51.2	13:33:50	60.9	51.2	51.2	46.8	13:40:21	49.2	46.8	46.8
50.1	13:19:28	62.1	50.1	50.1	51.9	13:33:51	60.9	51.9	51.9	46.4	13:40:22	49.2	46.4	46.4
50.5	13:19:29	62.1	50.5	50.5	52.7	13:33:52	60.9	52.7	52.7	45.7	13:40:23	49.2	45.7	45.7
50.6	13:19:30	62.1	50.6	50.6	53.0	13:33:53	60.9	53.0	53.0	44.7	13:40:24	49.1	44.7	44.7
50.1	13:19:31	62.1	50.1	50.1	52.7	13:33:54	60.9	52.7	52.7	45.0	13:40:25	48.5	45.0	45.0
50.0	13:19:32	62.1	50.0	50.0	52.2	13:33:55	60.9	52.2	52.2	46.6	13:40:26	48.3	46.6	46.6
49.6	13:19:33	62.1	49.6	49.6	53.2	13:33:56	60.9	53.2	53.2	47.7	13:40:27	48.2	47.7	47.7
50.6	13:19:34	62.1	50.6	50.6	53.0	13:33:57	60.9	53.0	53.0	46.6	13:40:28	48.2	46.6	46.6
51.0	13:19:35	62.1	51.0	51.0	54.1	13:33:58	60.9	54.1	54.1	49.4	13:40:29	48.2	49.4	49.4
50.0	13:19:36	62.1	50.0	50.0	53.0	13:33:59	60.9	53.0	53.0	52.5	13:40:30	48.1	52.5	52.5
50.0	13:19:37	62.0	50.0	50.0	51.9	13:34:00	60.9	51.9	51.9	52.3	13:40:31	48.1	52.3	52.3
49.9	13:19:38	62.0	49.9	49.9	52.3	13:34:01	60.9	52.3	52.3	51.5	13:40:32	48.1	51.5	51.5
49.7	13:19:39	62.0	49.7	49.7	51.4	13:34:02	60.9	51.4	51.4	48.7	13:40:33	48.0	48.7	48.7
50.1	13:19:40	62.1	50.1	50.1	52.4	13:34:03	60.9	52.4	52.4	46.0	13:40:34	47.6	46.0	46.0
49.7	13:19:41	62.1	49.7	49.7	53.2	13:34:04	60.9	53.2	53.2	48.0	13:40:35	47.4	48.0	48.0
49.8	13:19:42	62.1	49.8	49.8	54.0	13:34:05	60.9	54.0	54.0	46.9	13:40:36	47.3	46.9	46.9
49.4	13:19:43	62.1	49.4	49.4	52.8	13:34:06	60.9	52.8	52.8	46.4	13:40:37	47.2	46.4	46.4
48.3	13:19:44	62.1	48.3	48.3	51.6	13:34:07	60.9	51.6	51.6	45.6	13:40:38	47.1	45.6	45.6
48.1	13:19:45	62.1	48.1	48.1	51.3	13:34:08	60.9	51.3	51.3	44.3	13:40:39	46.9	44.3	44.3
48.6	13:19:46	62.1	48.6	48.6	52.5	13:34:09	60.9	52.5	52.5	42.3	13:40:40	46.9	42.3	42.3
50.8	13:19:47	62.1	50.8	50.8	51.9	13:34:10	60.9	51.9	51.9	40.5	13:40:41	46.9	40.5	40.5
53.0	13:19:48	62.1	53.0	53.0	52.6	13:34:11	60.9	52.6	52.6	40.0	13:40:42	46.9	40.0	40.0
55.0	13:19:49	62.1	55.0	55.0	53.6	13:34:12	60.9	53.6	53.6	41.0	13:40:43	46.9	41.0	41.0
60.1	13:19:50	62.1	60.1	60.1	53.5	13:34:13	60.9	53.5	53.5	40.9	13:40:44	46.9	40.9	40.9
68.2	13:19:51	62.1	68.2	68.2	53.6	13:34:14	60.9	53.6	53.6	41.4	13:40:45	46.9	41.4	41.4
71.3	13:19:52	62.0	71.3	71.3	52.6	13:34:15	60.9	52.6	52.6	43.5	13:40:46	46.9	43.5	43.5
69.5	13:19:53	62.0	69.5	69.5	52.9	13:34:16	60.9	52.9	52.9	44.7	13:40:47	46.9	44.7	44.7
66.2	13:19:54	62.0	66.2	66.2	54.5	13:34:17	60.9	54.5	54.5	47.4	13:40:48	46.9	47.4	47.4

APPENDIX C

RCNM Model Construction Noise Calculations

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - Site Preparation

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Home to Northwest	Residential	66.5	66.5	64.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drill Rig Truck	No	20		79.1	2900	0
Drill Rig Truck	No	20		79.1	2900	0
Excavator	No	40		80.7	2900	0
Excavator	No	40		80.7	2900	0
Dozer	No	40		81.7	2900	0
Dozer	No	40		81.7	2900	0
Dozer	No	40		81.7	2900	0
Tractor	No	40	84		2900	0
Front End Loader	No	40		79.1	2900	0
Backhoe	No	40		77.6	2900	0
Tractor	No	40	84		2900	0

Equipment	Calculated (dBA) *Lmax	Leq	Results Day Lmax	Leq	Noise Limits (dBA) Evening Lmax	Leq
Drill Rig Truck	43.9	36.9	N/A	N/A	N/A	N/A
Drill Rig Truck	43.9	36.9	N/A	N/A	N/A	N/A
Excavator	45.4	41.5	N/A	N/A	N/A	N/A
Excavator	45.4	41.5	N/A	N/A	N/A	N/A
Dozer	46.4	42.4	N/A	N/A	N/A	N/A
Dozer	46.4	42.4	N/A	N/A	N/A	N/A
Dozer	46.4	42.4	N/A	N/A	N/A	N/A
Tractor	48.7	44.8	N/A	N/A	N/A	N/A
Front End Loader	43.8	39.9	N/A	N/A	N/A	N/A
Backhoe	42.3	38.3	N/A	N/A	N/A	N/A
Tractor	48.7	44.8	N/A	N/A	N/A	N/A
Total	**49**	**52**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - Site Preparation

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Home to Northeast	Residential	60.2	60.2	55.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drill Rig Truck	No	20		79.1	2900	0
Drill Rig Truck	No	20		79.1	2900	0
Excavator	No	40		80.7	2900	0
Excavator	No	40		80.7	2900	0
Dozer	No	40		81.7	2900	0
Dozer	No	40		81.7	2900	0
Dozer	No	40		81.7	2900	0
Tractor	No	40	84		2900	0
Front End Loader	No	40		79.1	2900	0
Backhoe	No	40		77.6	2900	0
Tractor	No	40.0	84		2900	0

Equipment		Results Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq
Drill Rig Truck		43.9	36.9	N/A	N/A	N/A	N/A
Drill Rig Truck		43.9	36.9	N/A	N/A	N/A	N/A
Excavator		45.4	41.5	N/A	N/A	N/A	N/A
Excavator		45.4	41.5	N/A	N/A	N/A	N/A
Dozer		46.4	42.4	N/A	N/A	N/A	N/A
Dozer		46.4	42.4	N/A	N/A	N/A	N/A
Dozer		46.4	42.4	N/A	N/A	N/A	N/A
Tractor		48.7	44.8	N/A	N/A	N/A	N/A
Front End Loader		43.8	39.9	N/A	N/A	N/A	N/A
Backhoe		42.3	38.3	N/A	N/A	N/A	N/A
Tractor		48.7	44.8	N/A	N/A	N/A	N/A
	Total	**49**	**52**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - Site Preparation

---- Receptor #3 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Home to Southeast	Residential	62.0	62.0	56.2

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drill Rig Truck	No	20		79.1	2850	0
Drill Rig Truck	No	20		79.1	2850	0
Excavator	No	40		80.7	2850	0
Excavator	No	40		80.7	2850	0
Dozer	No	40		81.7	2850	0
Dozer	No	40		81.7	2850	0
Dozer	No	40		81.7	2850	0
Tractor	No	40	84		2850	0
Front End Loader	No	40		79.1	2850	0
Backhoe	No	40		77.6	2850	0
Tractor	No	40	84		2850	0

Equipment	Calculated (dBA) *Lmax	Leq	Results Day Lmax	Noise Limits (dBA) Leq	Evening Lmax	Leq
Drill Rig Truck	44.0	37.0	N/A	N/A	N/A	N/A
Drill Rig Truck	44.0	37.0	N/A	N/A	N/A	N/A
Excavator	45.6	41.6	N/A	N/A	N/A	N/A
Excavator	45.6	41.6	N/A	N/A	N/A	N/A
Dozer	46.6	42.6	N/A	N/A	N/A	N/A
Dozer	46.6	42.6	N/A	N/A	N/A	N/A
Dozer	46.6	42.6	N/A	N/A	N/A	N/A
Tractor	48.9	44.9	N/A	N/A	N/A	N/A
Front End Loader	44.0	40.0	N/A	N/A	N/A	N/A
Backhoe	42.4	38.5	N/A	N/A	N/A	N/A
Tractor	48.9	44.9	N/A	N/A	N/A	N/A
Total	**49**	**52**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - PV System Installation & Testing

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Nearest Home to Northwest	Residential	66.5	66.5	64.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	2900	0
Man Lift	No	20		74.7	2900	0
Compressor (air)	No	40		77.7	2900	0
Crane	No	16		80.6	2900	0
Crane	No	16		80.6	2900	0
Gradall	No	40		83.4	2900	0
Gradall	No	40		83.4	2900	0
Gradall	No	40		83.4	2900	0
Generator	No	50		80.6	2900	0
Grader	No	40	85		2900	0
Flat Bed Truck	No	40		74.3	2900	0
Flat Bed Truck	No	40		74.3	2900	0
Tractor	No	40.0	84		2900	0
Front End Loader	No	40		79.1	2900	0
Backhoe	No	40		77.6	2900	0
Welder / Torch	No	40		74	2900	0

		Calculated (dBA)		Results			
				Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Man Lift		39.4	32.4	N/A	N/A	N/A	N/A
Man Lift		39.4	32.4	N/A	N/A	N/A	N/A
Compressor (air)		42.4	38.4	N/A	N/A	N/A	N/A
Crane		45.3	37.3	N/A	N/A	N/A	N/A
Crane		45.3	37.3	N/A	N/A	N/A	N/A
Gradall		48.1	44.2	N/A	N/A	N/A	N/A
Gradall		48.1	44.2	N/A	N/A	N/A	N/A
Gradall		48.1	44.2	N/A	N/A	N/A	N/A
Generator		45.4	42.4	N/A	N/A	N/A	N/A
Grader		49.7	45.8	N/A	N/A	N/A	N/A
Flat Bed Truck		39.0	35.0	N/A	N/A	N/A	N/A
Flat Bed Truck		39.0	35.0	N/A	N/A	N/A	N/A
Tractor		48.7	44.8	N/A	N/A	N/A	N/A
Front End Loader		43.8	39.9	N/A	N/A	N/A	N/A
Backhoe		42.3	38.3	N/A	N/A	N/A	N/A
Welder / Torch		38.7	34.8	N/A	N/A	N/A	N/A
	Total	**50**	**53**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - PV System Installation & Testing

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Nearest Home to Northeast	Residential	60.2	60.2	55.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	2900	0
Man Lift	No	20		74.7	2900	0
Compressor (air)	No	40		77.7	2900	0
Crane	No	16		80.6	2900	0
Crane	No	16		80.6	2900	0
Gradall	No	40		83.4	2900	0
Gradall	No	40		83.4	2900	0
Gradall	No	40		83.4	2900	0
Generator	No	50		80.6	2900	0
Grader	No	40	85		2900	0
Flat Bed Truck	No	40		74.3	2900	0
Flat Bed Truck	No	40		74.3	2900	0
Tractor	No	40	84		2900	0
Front End Loader	No	40		79.1	2900	0
Backhoe	No	40		77.6	2900	0
Welder / Torch	No	40		74	2900	0

		Calculated (dBA)		Results	Noise Limits (dBA)		
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Man Lift		39.4	32.4	N/A	N/A	N/A	N/A
Man Lift		39.4	32.4	N/A	N/A	N/A	N/A
Compressor (air)		42.4	38.4	N/A	N/A	N/A	N/A
Crane		45.3	37.3	N/A	N/A	N/A	N/A
Crane		45.3	37.3	N/A	N/A	N/A	N/A
Gradall		48.1	44.2	N/A	N/A	N/A	N/A
Gradall		48.1	44.2	N/A	N/A	N/A	N/A
Gradall		48.1	44.2	N/A	N/A	N/A	N/A
Generator		45.4	42.4	N/A	N/A	N/A	N/A
Grader		49.7	45.8	N/A	N/A	N/A	N/A
Flat Bed Truck		39.0	35.0	N/A	N/A	N/A	N/A
Flat Bed Truck		39.0	35.0	N/A	N/A	N/A	N/A
Tractor		48.7	44.8	N/A	N/A	N/A	N/A
Front End Loader		43.8	39.9	N/A	N/A	N/A	N/A
Backhoe		42.3	38.3	N/A	N/A	N/A	N/A
Welder / Torch		38.7	34.8	N/A	N/A	N/A	N/A
	Total	**50**	**53**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - PV System Installation & Testing

---- Receptor #3 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Nearest Home to Southeast	Residential	62.0	62.0	56.2

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	2850	0
Man Lift	No	20		74.7	2850	0
Compressor (air)	No	40		77.7	2850	0
Crane	No	16		80.6	2850	0
Crane	No	16		80.6	2850	0
Gradall	No	40		83.4	2850	0
Gradall	No	40		83.4	2850	0
Gradall	No	40		83.4	2850	0
Generator	No	50		80.6	2850	0
Grader	No	40	85		2850	0
Flat Bed Truck	No	40		74.3	2850	0
Flat Bed Truck	No	40		74.3	2850	0
Tractor	No	40	84		2850	0
Front End Loader	No	40		79.1	2850	0
Backhoe	No	40		77.6	2850	0
Welder / Torch	No	40		74	2850	0

Equipment	Calculated (dBA) *Lmax	Leq	Results Day Lmax	Noise Limits (dBA) Day Leq	Evening Lmax	Evening Leq
Man Lift	39.6	32.6	N/A	N/A	N/A	N/A
Man Lift	39.6	32.6	N/A	N/A	N/A	N/A
Compressor (air)	42.6	38.6	N/A	N/A	N/A	N/A
Crane	45.4	37.5	N/A	N/A	N/A	N/A
Crane	45.4	37.5	N/A	N/A	N/A	N/A
Gradall	48.3	44.3	N/A	N/A	N/A	N/A
Gradall	48.3	44.3	N/A	N/A	N/A	N/A
Gradall	48.3	44.3	N/A	N/A	N/A	N/A
Generator	45.5	42.5	N/A	N/A	N/A	N/A
Grader	49.9	45.9	N/A	N/A	N/A	N/A
Flat Bed Truck	39.1	35.2	N/A	N/A	N/A	N/A
Flat Bed Truck	39.1	35.2	N/A	N/A	N/A	N/A
Tractor	48.9	44.9	N/A	N/A	N/A	N/A
Front End Loader	44.0	40.0	N/A	N/A	N/A	N/A
Backhoe	42.4	38.5	N/A	N/A	N/A	N/A
Welder / Torch	38.9	34.9	N/A	N/A	N/A	N/A
Total	**50**	**53**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - Site cleanup & Restoration

		Baselines (dBA)		**---- Receptor #1 ----**
Description	Land Use	Daytime	Evening	Night
Nearest Home to Northwest	Residential	66.5	66.5	64.9

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		2900	0
Grader	No	40	85		2900	0
Dozer	No	40		81.7	2900	0
Dozer	No	40		81.7	2900	0
Front End Loader	No	40		79.1	2900	0
Front End Loader	No	40		79.1	2900	0
Tractor	No	40	84		2900	0
Backhoe	No	40		77.6	2900	0

		Calculated (dBA)		Results Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader		49.7	45.8	N/A	N/A	N/A	N/A
Grader		49.7	45.8	N/A	N/A	N/A	N/A
Dozer		46	42	N/A	N/A	N/A	N/A
Dozer		46.4	42.4	N/A	N/A	N/A	N/A
Front End Loader		43.8	39.9	N/A	N/A	N/A	N/A
Front End Loader		43.8	39.9	N/A	N/A	N/A	N/A
Tractor		48.7	44.8	N/A	N/A	N/A	N/A
Backhoe		42.3	38.3	N/A	N/A	N/A	N/A
	Total	**50**	**52**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - Site cleanup & Restoration

				---- Receptor #2 ----
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Nearest Home to Northeast	Residential	60	60	55.6

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		2900	0
Grader	No	40	85		2900	0
Dozer	No	40		81.7	2900	0
Dozer	No	40		81.7	2900	0
Front End Loader	No	40.0		79.1	2900	0
Front End Loader	No	40.0		79.1	2900	0
Tractor	No	40.0	84		2900	0
Backhoe	No	40.0		77.6	2900	0

		Results					
		Calculated (dBA)		Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader		49.7	45.8	N/A	N/A	N/A	N/A
Grader		49.7	45.8	N/A	N/A	N/A	N/A
Dozer		46.4	42.4	N/A	N/A	N/A	N/A
Dozer		46.4	42.4	N/A	N/A	N/A	N/A
Front End Loader		43.8	39.9	N/A	N/A	N/A	N/A
Front End Loader		43.8	39.9	N/A	N/A	N/A	N/A
Tractor		48.7	44.8	N/A	N/A	N/A	N/A
Backhoe		42.3	38.3	N/A	N/A	N/A	N/A
	Total	**50**	**52**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 5/17/2021
Case Description: Brawley Solar Facility - Site cleanup & Restoration

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Nearest Home to Southeast	Residential	62.0	62.0	56.2

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		2850	0
Grader	No	40	85		2850	0
Dozer	No	40		81.7	2850	0
Dozer	No	40		81.7	2850	0
Front End Loader	No	40		79.1	2850	0
Front End Loader	No	40		79.1	2850	0
Tractor	No	40	84		2850	0
Backhoe	No	40		77.6	2850	0

		Calculated (dBA)		Results Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader		49.9	45.9	N/A	N/A	N/A	N/A
Grader		49.9	45.9	N/A	N/A	N/A	N/A
Dozer		46.6	42.6	N/A	N/A	N/A	N/A
Dozer		46.6	42.6	N/A	N/A	N/A	N/A
Front End Loader		44.0	40.0	N/A	N/A	N/A	N/A
Front End Loader		44.0	40.0	N/A	N/A	N/A	N/A
Tractor		48.9	44.9	N/A	N/A	N/A	N/A
Backhoe		42.4	38.5	N/A	N/A	N/A	N/A
	Total	**50**	**52**	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.