HANKARD ENVIRONMENTAL
ACOUSTICS AND VIBRATION CONSULTING

June 1, 2026

Kevin Walker
Director, City Planning Department
City of Colorado Springs
30 S. Nevada Ave.
Colorado Springs, CO 80903

Re: Prediction of Noise Emissions from the Proposed Taurus Data Center in Colorado Springs

Kevin,

At the request of the City of Colorado Springs (City), Hankard Environmental, Inc. (HEI) developed an independent model of noise emissions from the proposed Taurus Data Center (Facility) to validate the noise report produced by D. L. Adams Associates (DLAA). This letter describes the noise modeling method, input data, and a comparison of HEI and DLAA predicted noise levels at the residences located south of the Facility.

Noise Modeling Method and Settings

- International Organization for Standardization (ISO) Standard 9613-2:2024: *Attenuation of Sound During Propagation Outdoors.*
- Implemented using the SoundPLAN (v9.1) software program.
- Ground factor (G): 0.5.
- Reflections: first and second.
- Temperature/relative humidity: 15° C, 49%.
- Foliage: not modeled.
- Diffraction: Enabled

Noise Model Input Data

- Layout provided by LE Design Group in PDF format "*PROJECT TAURUS_Development Plan Modification_2nd Submittal_4.22.26.pdf*".
- Building heights provided by DLAA in an annotated aerial imagery pdf "*Raeden – Site Aerial – Building Heights – 2026 0415.pdf*".
- Noise wall heights and locations provided by DLAA in an annotated pdf "*Project Taurus Sound Barrier Plan 260512.pdf*".
- Chiller yard elevation provided by DLAA.
- Topography obtained from the U.S. Geological Survey (USGS).
- Parcel locations obtained from the city of Colorado Springs GIS portal.
- Sound power levels of the chillers from manufacturers data sheet provided by DLAA "*ACF552M SG096 24fan Ucoil opt load silencers Lw*".

- Sound power levels of generators provided by DLAA.
- Sound absorption coefficients of the noise walls specified in the development plan were obtained from the manufacturer's website.
- Primary predicted scenario is 34 chillers running at 75% and no generators.
- Secondary prediction includes the Primary equipment and five of 30 generators.
- Noise assessment locations – at points 25 feet into each residential property at a height of 5 feet above the ground.

The HEI predicted noise levels agree well with those the results shown in the DLAA report (revised 05/12/2026), with a predicted level of 43 dBA at the nearest residential property line, compared to the 42 dBA predicted by DLAA. This is very good agreement.

HEI predicts noise levels ranging from 39 to 43 at points 25 feet inside the property line of the nearest residences along Chutney Street. Figure 1 shows the site layout, including generators, chillers, and noise walls. Predicted noise level contours for normal operation are also shown. The HEI and DLAA predicted noise levels for the generator scenario agreed as well.

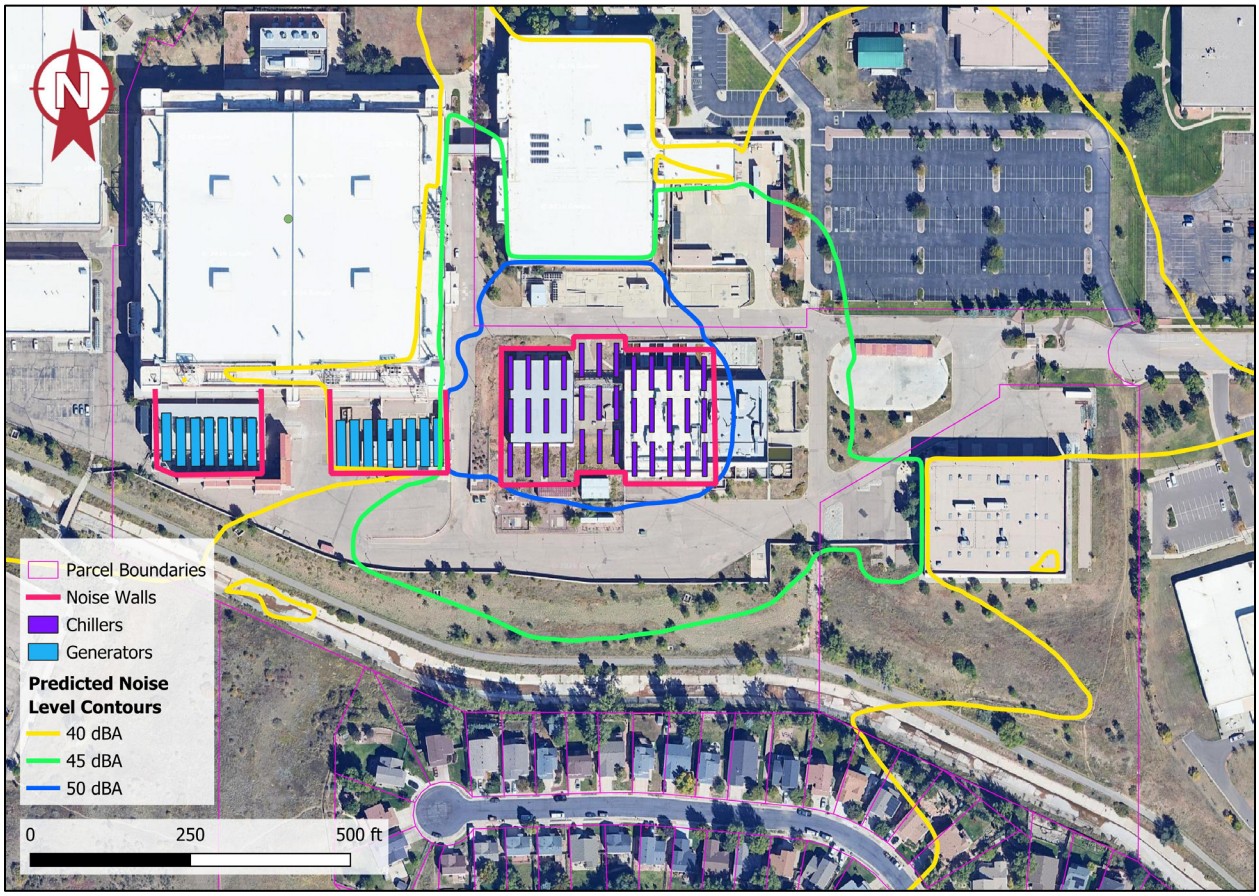
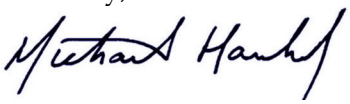


Figure 1. Site Layout and Noise Contours

Thank you for engaging Hankard Environmental to conduct this analysis. Please call if you have any questions.

Sincerely,



Michael Hankard
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Full Member of INCE and ASA