



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Noise (EA Level Reviews) – PARTNER

<https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control>

1. What activities does your project involve? Check all that apply:

☒ New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ Continue to Question 2.

☐ Rehabilitation of an existing residential property

NOTE: For major or substantial rehabilitation in Normally Unacceptable zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. For major rehabilitation in Unacceptable zones, HUD strongly encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ Continue to Question 2.

☐ None of the above

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

2. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000’ from a major road, 3000’ from a railroad, or 15 miles from an airport).

Indicate the findings of the Preliminary Screening below:

☐ There are no noise generators found within the threshold distances above.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.

☒ Noise generators were found within the threshold distances.

→ Continue to Question 3.

3. Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:

☐ Acceptable (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

Indicate noise level here: [Click here to enter text.](#)

→ *If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.*

☒ Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here: 69 dB

If project is rehabilitation:

→ *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis.*

If project is new construction:

Is the project in a largely undeveloped area¹?

☒ No

☐ Yes → ***The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i).***

→ *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis.*

☐ Unacceptable: (Above 75 decibels)

Indicate noise level here: [Click here to enter text.](#)

If project is rehabilitation:

HUD strongly encourages conversion of noise-exposed sites to land uses compatible with high noise levels. Consider converting this property to a non-residential use compatible with high noise levels.

→ *Continue to Question 4. Provide noise analysis, including noise level and data used to complete the analysis, and any other relevant information.*

If project is new construction:

The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Work with HUD or the RE to either complete an EIS or obtain a waiver signed by the appropriate authority.

→ *Continue to Question 4.*

4. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Work with the RE/HUD on the development of the mitigation measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

☒ Mitigation as follows will be implemented:

A noise barrier wall will be installed adjacent to Foothills Drive to reduce exterior noise levels at the Plaza Area, and appropriate building materials will be used to attenuate

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses and does not have water and sewer capacity to serve the project.

interior noise to acceptable levels (refer to J.C. Brennan and Associates HUD Noise Analysis for the Gonzaga Family Haven Noise Study in Appendix L).

→ *Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.*

Continue to the Worksheet Summary.

☐ No mitigation is necessary.

Explain why mitigation will not be made here:

[Click here to enter text.](#)

→ *Continue to the Worksheet Summary.*

Worksheet Summary

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

Include all documentation supporting your findings in your submission to HUD.

Analysis of traffic noise was completed using the Federal Highway Administration Traffic Noise Model (TNM), which indicated maximum noise levels of 69 dB. Mitigation measures described above will ensure noise levels at or below 45 dBA in all interior areas and 65 dBA or below in all exterior use areas.

Major Roadways:

North Nevada Street (which becomes Hamilton Street) and East North Foothills Drive are located within 1,000 feet of the project site.,

24-hour traffic counts were downloaded from the City of Spokane's traffic data website (City of Spokane; accessed April 6, 2020). Daytime/nighttime percentages were based on traffic volume reported by WSDOT at station SF538 (SR 90 at Laventure) (WSDOT; Accessed April 21, 2020). The 2019 data were scaled up to the 2030 "build" year based on the growth rate 1.14 percent recommended by WSDOT's Short Count Factoring Guide (WSDOT 2019). Proportion of medium and heavy trucks were 2 percent and 0.75 percent respectively, based on WSDOT data at nearby SR-2 after milepost 289.19A (WSDOT 2018).

Rail:

No railroad tracks are within 3,000 feet of the project location.

Airports:

The project area is within 15 miles of two airports, Spokane International Airport and Felts Field. It is not expected that aircraft operations will increase overall exterior noise levels at the project site (refer to J.C. Brennan and Associates HUD Noise Analysis for the Gonzaga Family Haven Noise Study in Appendix L).

References:

Spokane International Airport. APL Sheet 17. <https://business.spokaneairports.net/layout-plan/>.

WSDOT. Permanent Traffic Recorder (PTR) Download. Washington State Department of Transportation. <https://www.wsdot.wa.gov/Traffic/API/PermanentTrafficRecorder/>.

WSDOT. Short Count Factoring Guide.

<https://www.wsdot.wa.gov/mapsdata/travel/pdf/ShortCountFactoringGuide2019.pdf>

WSDOT. 2018. Traffic GeoPortal. <https://www.wsdot.wa.gov/data/tools/geoportal/?config=traffic>. Accessed April 28, 2020.