

Owner / Applicant Information

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Project Information

BROWNSBURG WWTP EXPANSION
225 Mardale Dr

BROWNSBURG IN 46112

County HENDRICKS

Project Type New ☒ Y Addition ☐ Alteration ☐ Existing ☐ Change of Occupancy ☐

Project Status ☒ F F=Filed U or Null=Unfiled

IDHS Issued Correction order? ☐ Has Violation been Issued? ☐

Violation Issued by: NA

Local Building Official

Phone:

Email:

Local Fire Official

Phone:

Email:

Variance Details

Code Name: Other Code (Not in the list provided)
2014 IBC, 903.2.5

Conditions: Sprinkling system will not be provided in a Phosphorus Removal Building. Phosphorus Removal Building stores Aluminum Sulfate, a corrosive liquid per DOTn 49 CFR Part 173.137, which is used by the wastewater treatment facility. Since amount of stored quantity exceeds the maximum allowable quantity of material posing a hazard, building is classified with an H-4 Occupancy.

DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE ARE PROTECTED:

1=Non-compliance with the rule will not be adverse to the public health, safety or w

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2= Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts: 1. Aluminum Sulfate is not a flammable or combustible liquid. The building is classified as a H-4 occupancy because Aluminum Sulfate is listed as a corrosive.
2. The building is normally not occupied and can only be occupied by authorized personal who have been trained for this type of hazard. Building houses 1 aluminum sulfate storage tank with feed pumps.
3. The building is constructed with noncombustible materials and is equipped with a fire extinguisher at each exit.
4. Secondary containment is provided for the tank.
5. The room will not be used to store combustible materials.

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

☐ Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services.

☐ Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure.

☒ Y Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.

☐ Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure

Facts: The hardship is the cost of installing and maintaining an automatic sprinkler protection in a building without a fire hazard. In this case, the sprinkler system would not add any benefit to safety.