

Owner / Applicant Information

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Designer Information

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Project Information

Newburgh WTF Consolidation and Chlorine Gas Conversion Project  
5200 State Highway 66

Newburgh IN

County WARRICK

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

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

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

Violation Issued by: NA

Local Building Official

Phone: 8128976188

Email: buildingcomm@warrickcounty.gov

Local Fire Official

Phone: 8128976188

Email: adavis8915@aol.com



Variance Details

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

Conditions: Sprinklers will not be provided in a room classified as an H-4 Occupancy. Rooms that exceed the maximum allowable quantity of materials that are health hazards are classified as an H-4 Occupancy. The room is used to store Sodium Hypochlorite, a corrosive liquid, which is used by the water treatment facility.

The Sodium Hypochlorite is approximately 520 sq. ft. The overall building will be approximately 13,100 sf and 1-story.

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. Sodium Hypochlorite is not a flammable or combustible liquid. The building is classified as a hazardous occupancy because Sodium Hypochlorite is a corrosive liquid, a health hazard.

2. The Sodium Hypochlorite room is separated from the rest of the building by a 2-hour fire barrier.

3. Secondary containment will be provided for the tanks.

4. An automatic fire detection system, tied to the local SCADA control system, will be provided in the Sodium Hypochlorite room.

5. The room will not be used to store combustible materials.

6. Similar variances have been approved on past water treatment facilities including: 18-11-45, Morristown Water Treatment Plant; 17-03-52, Newton Co. RWSD Water & Wastewater Improvements; 15-10-13, Remington Water Treatment Plant; 11-04-35, Hidden Lake Water Treatment Facility; 11-08-24, City of Rensselaer Water Treatment Facility; 14-05-34, Plainfield South Wastewater Treatment Facility; and 14-07-29, Wayne Street Water Treatment Facility.

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

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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.

☒

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:

It is a cost hardship to sprinkler one room, 520 sq. ft., in a building when Sodium Hypochlorite is not a combustible or flammable liquid.

