



APPLICATION FOR VARIANCE

State Form 44400 (R7 / 10-13)
Approved by State Board of Accounts, 2013

INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 West Washington Street, Room W246
Indianapolis, IN 46204-2739
http://www.in.gov/dhs/firefp_bs_comm_code/



INSTRUCTIONS: Please refer to the attached four (4) page instructions.
Attach additional pages as needed to complete this application.

Variance number (Assigned by department)
18-07-04 (a)(b)

1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted; usually this is the owner)

Name of applicant	Title
Doug Ruch	Council President
Name of organization	Telephone number
Town of Milford, Indiana	(574) 658-4519
Address (number and street, city, state, and ZIP code)	
121 South Main St., PO Box 300, Milford, IN 46542	

2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (If not submitted by the applicant)

Name of applicant	Title
Ryan K. Brauen, P.E	Project Manager
Name of organization	Telephone number
Wessler Engineering	(419) 358-0521
Address (number and street, city, state, and ZIP code)	
103 N Main St. Suite D, Bluffton, OH 45817	

3. DESIGN PROFESSIONAL OF RECORD (If applicable)

Name of design professional	License number
Ryan K. Brauen, P.E; Wayne Moore, P.E. (electrical only)	11011329 (Brauen); 10707476 (Moore)
Name of organization	Telephone number
Wessler Engineering	(419) 358-0521
Address (number and street, city, state, and ZIP code)	
103 N Main St. Suite D, Bluffton, OH 45817	

4. PROJECT IDENTIFICATION

Name of project	State project number	County
Wastewater Treatment Plant Improvements	399549	Kosciusko
Address of site (number and street, city, state, and ZIP code)		
1001 W 1250 N, Milford, IN 46542		
Type of project		
<input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/> Change of occupancy <input type="checkbox"/> Existing		

5. REQUIRED ADDITIONAL INFORMATION

The following required information has been included with this application (check as applicable):

- A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)
- One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.
- Written documentation showing that the local fire official has received a copy of the variance application.
- Written documentation showing that the local building official has received a copy of the variance application.

6. VIOLATION INFORMATION

Has the Plan Review Section of the Division of Fire and Building Safety issued a Correction Order?

Yes (If yes, attach a copy of the Correction Order.) No

Has a violation been issued?

Yes (If yes, attach a copy of the Violation and answer the following.) No

Violation issued by:

Local Building Department
 State Fire and Building Code Enforcement Section
 Local Fire Department.

7. DESCRIPTION OF REQUESTED VARIANCE

Name of code or standard and edition involved 2014 Indiana Building Code (675 IAC-13-2.6)	Specific code section Section 903.2.5.1, Section 414.2.5 (Table 414.2.5(1))
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Nature of non-compliance (Include a description of spaces, equipment, etc. involved as necessary.)
 Pole barn used for the storage of Aluminum Sulfate (4,400 gal.) and related chemical feed equipment for the purposes of phosphorus removal at the Milford Wastewater Treatment Plant. An exemption is requested from Section 903.2.5.1 General because this building is not going to have an automatic sprinkler system as required for Group H occupancies. A second exemption is requested from Section 414.2.5 for the storage of Aluminum Sulfate greater than 975 gallons as outlined in Table 414.2.5(1).

8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED

Select one of the following statements:

Non-compliance with the rule will not be adverse to the public health, safety or welfare; or

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 demonstrating that the above selected statement is true:

1. The wastewater treatment plant is not generally accessible by the public and is located approximately 575-ft. from the roadway within a fenced perimeter.
2. The Aluminum Sulfate will be stored in a double walled, secondary containment tank.
3. The local fire and safety services in Milford has been notified of the intended chemical storage.
4. The building is normally unoccupied.

9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE

Select at least one of the following statements:

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.

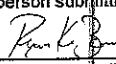

Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

1. The large secondary containment volume would require excessive cost related to tankage, piping, and pumping (the existing storage tank includes secondary containment/dual wall).
2. Local existing site piping does not allow for installation of gravity sewers to existing pump stations.
3. Sprinkler systems and related monitoring and/or controls would result in excessive costs for the small municipal utility.

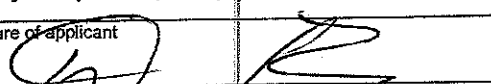
10. STATEMENT OF ACCURACY

I hereby certify under penalty of perjury that the information contained in this application is accurate.

Signature of applicant or person submitting application 	Please print name Ryan K. Brauen	Date of signature (month, day, year) June 11, 2018
Signature of design professional (if applicable) 	Please print name Ryan K. Brauen	Date of signature (month, day, year) June 11, 2018

11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement.)

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant 	Please print name Doug Ruch	Date of signature (month, day, year) 6/11/2018
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Local Building Department
 State Fire and Building Code Enforcement Section
 Local Fire Department

RECEIVED
IDHS

JUN 06 2018

LEGAL AND CODE
SERVICES

7. DESCRIPTION OF REQUESTED VARIANCE

Name of code or standard and edition involved 2014 2015 International Building Code	Specific code section Section 307, Section 414
Nature of non-compliance (Include a description of spaces, equipment, etc. involved as necessary.) Pole barn used for the storage of Aluminum Sulfate (4,400 gal.) and related chemical feed equipment for the purposes of phosphorus removal at the Milford Wastewater Treatment Plant. An exemption is requested for storage of Aluminum Sulfate greater than 975 gallons as outlined in Table 414.2.5(1).	

8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED

Select one of the following statements:

Non-compliance with the rule will not be adverse to the public health, safety or welfare; or

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 demonstrating that the above selected statement is true:

1. The wastewater treatment plant is not generally accessible by the public.
2. The Aluminum Sulfate will be stored in a double walled, secondary containment tank.
3. The local fire and safety services in Milford has been notified of the intended chemical storage.
4. The building is normally unoccupied.

9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE

Select at least one of the following statements:

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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.

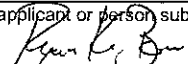
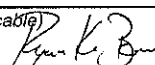
Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

1. The large secondary containment volume would require excessive cost related to tankage, piping, and pumping (the existing storage tank includes secondary containment/dual wall).
2. Local existing site piping does not allow for installation of gravity sewers to existing pump stations.
3. Ventilation requirements would result in excessive heating expenses during winter months.
4. Sprinkler systems and related monitoring and/or controls would result in excessive costs for the small municipal utility.

10. STATEMENT OF ACCURACY

I hereby certify under penalty of perjury that the information contained in this application is accurate.

Signature of applicant or person submitting application 	Please print name Ryan K. Brauen	Date of signature (month, day, year) May 31, 2018
Signature of design professional (if applicable) 	Please print name Ryan K. Brauen	Date of signature (month, day, year) May 31, 2018

11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement.)

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant	Please print name Doug Ruch	Date of signature (month, day, year)
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More than a Project™

June 11, 2018

Matt Sandy
Area Plan Commission
100 W. Center St.
Warsaw, IN 46580

Re: Milford, IN Wastewater Treatment Plant Improvements – Building Permit Variance Request

Dear Mr. Sandy:

Wessler Engineering is assisting the Town with improvements at the Wastewater Treatment Plant to ensure compliance with Indiana Department of Environmental Management (IDEM) requirements. As part of the project we are constructing a pole barn building for the storage of Aluminum Sulfate (4,400 gallons), a coagulant used in wastewater treatment, to aid in the settling of solids and achieve permit compliance.

The building we are constructing will be normally unoccupied and is generally not available for regular public access, as such we are requesting a Variance from the Indiana Department of Homeland Security (IDHS) and exemption from the Construction Design Release permit that is typically required for a building of this type.

The variances requested include:


1. A variance allowing the storage of chemicals greater than 975 gallons. [2014 Indiana Building Code, Section 414.2.5(1)]
2. A variance allowing for the space to be un-sprinklered. [2014 Indiana Building Code, Section 903.2.5.1]

Before this variance request can be processed by IDHS, we must receive an acknowledgement letter from the Town's "local building official" indicating that they are aware these variances are being requested. To acknowledge these requested variances, please sign where indicated in the space below.

The Town of Milford's local building official, Kosciusko County Area Planning Commission, has by the receipt of this letter, received notification that the variances listed above are being requested for the Town of Milford's Wastewater Treatment Plant improvements Project.



Matt Sandy, Area Plan Commission



Date



More than a Project™

June 11, 2018

Todd Haines
Milford Fire Department
214 S. Main St.
Milford, IN 46542

Re: Milford, IN Wastewater Treatment Plant Improvements – Building Permit Variance Request

Dear Mr. Haines:

Wessler Engineering is assisting the Town with improvements at the Wastewater Treatment Plant to ensure compliance with Indiana Department of Environmental Management (IDEM) requirements. As part of the project we are constructing a pole barn building for the storage of Aluminum Sulfate (4,400 gallons), a coagulant used in wastewater treatment, to aid in the settling of solids and achieve permit compliance.

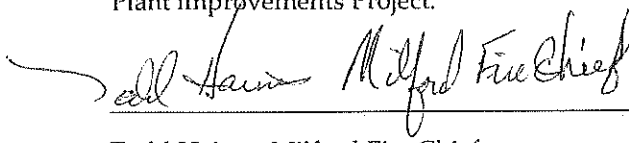
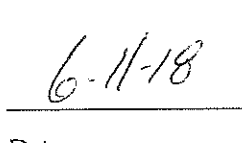
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The variances requested include:

1. A variance allowing the storage of chemicals greater than 975 gallons. [2014 Indiana Building Code, Section 414.2.5(1)]
2. A variance allowing for the space to be un-sprinklered. [2014 Indiana Building Code, Section 903.2.5.1]

Before this variance request can be processed by IDHS, we must receive an acknowledgement letter from the Town's "local fire official" indicating that they are aware these variances are being requested. To acknowledge these requested variances, please sign where indicated in the space below.

The Town of Milford fire department, by the receipt of this letter, has received notification that the variances listed above are being requested for the Town of Milford's Wastewater Treatment Plant improvements Project.

Todd Haines, Milford Fire Chief

Date