



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**INSTRUCTIONS FOR COMPLETING THE FORM
FOR NOTICE OF INTENT TO CONSTRUCT A WATER MAIN EXTENSION - 327 IAC 8-3.5-4**

TYPE OR PRINT ALL ENTRIES.

The following numbers refer to the enclosed form.

1. Enter the title of the proposed project (i.e. Meadow Brook Subdivision – Phase 2).
2. Enter the county(s) where the water main extension construction will take place.
3. Indicate the location of the project, which includes the city and reference to adjacent streets or roads.

Example: "Bowling Green (city), Madison Street, one block east of Eel River, along State Road 46"

4. Enter the name, title, **e-mail address** and affiliated business name of the responsible person as defined in 327 IAC 8-3.5-6.
5. Enter the telephone number of the responsible person listed in box 4.
6. Enter the address of the responsible person listed in box 4.
7. Enter the name of the public water system providing water service to the water main extension.
8. Enter the Public Water System Identification Number (PWSID) as chartered by the State of Indiana.
9. Enter the address of the public water system listed in box 7.
10. Enter the telephone number of the public water system listed in box 7.
11. Enter the name of the professional engineer and his/her firm name designing this water main extension.
12. Enter the telephone number of the professional engineer listed in box 11.
13. Enter the address **and e-mail address** of the professional engineer listed in box 11.
14. Enter the name and **e-mail address** of the developer (if applicable) for the water main extension.
15. Enter the telephone number of the developer (if applicable) listed in box 14.
16. Enter the address of the developer (if applicable) listed in box 14.
17. Check the applicable box for "timing of construction" for the water main extension. For the first check box option, you must enter a start date and an approximate completion date. For the second check box option, you must provide written notification within at least ten (10) working days before construction begins. **NOTE: For both options, construction cannot begin less than thirty (30) days after IDEM receives a complete and sufficient NOI application. IDEM receipt date will be either e-mail receipt when submitted via the NOI dedicated e-mail address (dwnoi@idem.in.gov) or certified mail receipt.**

18. Check 327 IAC 8-3-7(a) to see if a processing fee is required. Exempt organizations are **both** a governmental entity and one of the listed categories. If you are not a governmental entity, then you are not exempt from the construction permit processing fee. If you are unsure, contact the Permits Section via e-mail at dwnoi@idem.in.gov or by calling (317) 234-7419, prior to submitting the NOI form. If a processing fee is required, payment must be submitted using one of the following methods:

A. Make check/money order payable to IDEM (Acct.#3240-414000-140000) and mail with a copy of the completed first page of the NOI form to:

IDEM
PO Box 3295
Indianapolis, IN 46206-3295

B. Remit by ACH to:

ABA#: 071921891
Bank Account Number: 4620695315
Bank Account Name: State of Indiana

AND send a copy of the first page of the completed NOI form, amount of payment and payment date to water@idem.in.gov.

C. To pay by credit card, call (317) 234-3099 and leave the information requested in the telephone message **and** e-mail copy of the first page of the completed NOI, the amount of payment and payment date to water@idem.in.gov.

19. All applicable certifications must be signed and dated. For all water main extensions, there must be a responsible person, professional engineer and public water system official. The developer certification may or may not be applicable. **If a person fills more than one certification role, they must sign and date each applicable certification section.**

20. Check the appropriate box. Design and construction must follow all technical standards for water main extensions found in 327 IAC 8-3.2. Alternate technical standards are not allowed under an NOI, unless the alternate technical standard has already been approved **for this water system** by the commissioner in accordance with 327 IAC 8-3.2-20. A copy of this alternative technical standard approval must be submitted with the NOI form.

21. Enter the public water system's daily production firm capacity (see 327 IAC 8-3.3-3) in million gallons per day (MGD) in box A and gallons per minute (GPM) in box B.

22. Enter the public water system's five (5) highest demand days and volumes in the **previous two (2) years only**. **NOTE: the volumes must be in million gallons per day (MGD)**. The public water system will need to review their demand numbers for the current year, previous year and the year before to determine the five (5) highest demand dates and volumes. For example, if the NOI form was being submitted on August 1, 2014, then the five (5) highest days would be sometime within January 1, 2012 – July 31, 2014. Any other days and volumes prior to that date range would not be acceptable.

23. Calculate and enter into box C the average of five highest demand days listed in box 22.

24. Divide box C number by box A number, and then multiply by 100. Enter the calculated percent into box D.

25E. Enter the number of residential homes being provided water by this water main extension into box E. If this water main extension is not adding any new residential homes/customers due to it being a water main replacement only, or if it is only adding commercial and/or industrial customers, then enter 0 into box E.

25F. Enter the Peak Daily Demand Factor, calculated in accordance with 327 IAC 8-3.3-2, into box F. For residential homes, this number must be at least 0.87 gallons per minute/home.

25G. Multiply box E number and box F number and enter result into box G.

25H. For commercial and industrial customers being added as a result of the water main extension, provide a description of each including size of meter and safe maximum operating capacity of the meter. If fire protection is being provided, include appropriate fire flow demand. **NOTE: For commercial and industrial customer demand see Table 2-1 in 327 IAC 8-3.3-2(b).**

25I. Add box G and box H and enter result into box I.

25J. Divide box I by box B, then multiply by 100. Enter the calculated percent into box J.

26A. Check the appropriate box. If no commercial or industrial customers are being added, check "N/A". In accordance with 327 IAC 8-10-4(c) the following facilities are designated as cross connection hazards:

1. Aircraft and missile manufacturing plants;
2. Automotive plants, including those plants that manufacture motorcycles, automobiles, trucks, recreational vehicles, and construction and agricultural equipment;
3. Beverage bottling plants, including dairies and breweries;
4. Canneries, packing houses, and reduction plants;
5. Car washes;
6. Chemical, biological, and radiological laboratories, including those in high schools, trade schools, colleges, universities, and research institutions;
7. Hospitals, clinics, medical buildings, autopsy facilities, morgues, other medical facilities, and mortuaries;
8. Metal and plastic manufacturing, fabricating, cleaning, plating, and processing facilities;
9. Plants manufacturing paper and paper products;
10. Plants manufacturing, refining, compounding, or processing fertilizer, film, herbicides, natural or synthetic rubber, pesticides, petroleum or petroleum products, pharmaceuticals, radiological materials, or any chemical that could be a contaminant to the public water supply;
11. Commercial facilities that use herbicides, pesticides, fertilizers, or any chemical that could be a contaminant to the public water supply;
12. Plants processing, blending, or refining animal, vegetable, or mineral oils;
13. Commercial laundries and dye works, excluding coin-operated laundromats;
14. Sewage, storm water, and industrial waste treatment plants and pumping stations;
15. Waterfront facilities, including piers, docks, marinas, and shipyards;
16. Industrial facilities that recycle water; and,
17. Restricted or classified facilities (federal government defense or military installations), or other facilities closed to the supplier of water or to the commissioner.

26B. Check the appropriate box. In accordance with 327 IAC 8-10-4, an air gap must be constructed or a reduced pressure principal backflow preventer shall be installed on the customer service line to any facility that is designated as a cross connection control hazard (*see list above*).

If you have any questions on filling out this form, or if your project will qualify for an NOI, please e-mail your question(s) to dwnoi@idem.in.gov or contact the Drinking Water Branch at (317) 234-7419.



NOTICE OF INTENT TO CONSTRUCT A WATER MAIN EXTENSION

State Form 49008 (R5 / 6-22)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER QUALITY

General Construction Permit For Water Main Extensions

1. Title of proposed project		2. County of proposed project	
3. Location of proposed project (including nearest public intersection and nearest quarter Section, Township, Range)			
4. Name, title, e-mail address and firm of responsible person (as defined in 327 IAC 8-3.5-6)		5. Telephone number of responsible person ()	
6. Address of responsible person (number and street, city, state, and ZIP code)			
7. Name of Public Water System (PWS)		8. PWS identification number	
9. Address of PWS (number and street, city, state, and ZIP code)		10. Telephone number of PWS ()	
11. Name and firm of professional engineer		12. Telephone number of professional engineer ()	
13. Address (number and street, city, state, and ZIP code) and e-mail address of professional engineer			
14. Name and e-mail address of developer (if applicable)		15. Telephone number of developer ()	
16. Address of developer (number and street, city, state, and ZIP code)			
17. Timing of construction (check one of the following):			
<input type="checkbox"/> The proposed construction of the water main will begin on _____ and be completed on _____. (Cannot begin construction less than thirty (30) days after IDEM receives a complete and sufficient NOI.)			
<input type="checkbox"/> The proposed construction schedule will be submitted separate from this NOI at least ten (10) working days before the commencement of the construction and will include a copy of the information on the first page of this NOI. (Cannot begin construction less than thirty (30) days after IDEM receives a complete and sufficient NOI.)			
18. Fee Schedule:			
<input type="checkbox"/> No fee, exempted under 327 IAC 8-3-7(a).		The complete NOI form may be submitted by e-mail to dwnoi@idem.in.gov .	
<input type="checkbox"/> No fee for water main extensions under 2,500 linear feet.			
<input type="checkbox"/> \$260 for water main extensions from 2,501 to 5,000 linear feet.			
<input type="checkbox"/> \$430 for water main extensions from 5001 to 10,000 linear feet.			
<input type="checkbox"/> \$860 for water main extensions greater than 10,000 linear feet.			
19. Certifications:			
Responsible Person:			
"I certify that I have reviewed and understand the applicability and eligibility requirements of this rule and that the water main proposed with the submission of this NOI meets the applicability and eligibility requirements of this rule. I also certify that the design and construction of this project will be performed under my direction or supervision to assure conformance with 327 IAC 8-3.5 and will meet all local rules or laws, regulations and ordinances. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			
Signature of responsible person		Date signed (month, day, year)	
Professional Engineer:			
"I certify under the penalty of law that the design of this project will be performed under my direction or supervision to assure conformance with 327 IAC 8-3.5 and that the plans and specification will require the construction of said project to be performed in conformance with this rule. The design of the proposed project will meet all local rules or law, regulations and ordinances. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."			
Signature of professional engineer		Date signed (month, day, year)	

Developer: "I certify under the penalty of law that the construction of this project will be performed under my direction or supervision to assure conformance with 327 IAC 8-3.5. The construction of proposed project will meet all local rules or laws, regulations and ordinances. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."	
Signature of developer	Date signed (<i>month, day, year</i>)
PWS Representative: "I certify under the penalty of law that I have agreed to furnish water to the area in which the water main is proposed. I acknowledge the public water system's responsibility for examining the plans and specifications to determine that the proposed water main meet local rules or laws and ordinances. I also acknowledge the public water system's responsibilities as outlined in 327 IAC 8-3.5-12. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."	
Signature of PWS representative	Date signed (<i>month, day, year</i>)
Project Design Criteria:	
Alternative Technical Standards (327 IAC 8-3.2-20)	
20. Are any "Alternative Technical Standards" proposed to be used in this project? <input type="checkbox"/> Yes, I have attached copies of the approval with the NOI. <input type="checkbox"/> No	
Public Water System Capacity Status	
21. The PWS's Daily Production Firm Capacity:	A. MGD B. GPM
22. The PWS's five (5) highest demand days in the previous two (2) years only :	
Demand (MGD)	Date (<i>month, day, year</i>)
1.	
2.	
3.	
4.	
5.	
23. Average of five (5) Peak Daily Demand (PDD) listed above:	C. MGD
24. Ratio of PDD to PWS Daily Production Capacity = (Item D = Item C / Item A x 100)	D. %
25. Anticipated Customer Demand of Proposed Water Main	
Residential Customers:	
E. Number of homes	F. Average Daily Demand times Peaking Factor (at least 0.87 gpm/home)
	G. Total Average Daily Demand times Peaking Factor (G = E x F) gpm
Other (<i>Commercial and Industrial</i>) Customers:	
Description (<i>including size of domestic meter</i>):	Average Daily Demand (<i>the "Safe Maximum Operating Capacity" of domestic meter</i>)
	gpm
	gpm
Sub Total:	H. gpm
Total Customer Demand of Proposed Water Main (gpm) = (Item G + item H)	I. gpm
Ratio of total Customer Demand of Proposed Water Main (gpm) to the PWS Daily Production Firm Capacity (gpm) (Item J = Item I / Item B x 100)	J. %
26. Cross Connection Hazard Prevention	
A. Are any of the new customers included in Section 25 designated as cross connection hazards (<i>see instructions</i>)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
B. Will an air gap be constructed or a reduced pressure principal backflow preventer be installed on the customer's service line?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A