

**DO NOT INSTALL THE FIRE SERVICE WITHOUT INAW APPROVAL!!
ANYTHING THAT IS INSTALLED WITHOUT APPROVAL MAY HAVE TO
BE REMOVED AND REPLACED AT YOUR EXPENSE!!**

Rules and Regulations Governing Indiana American Approved Private Fire Services

Rates

For all districts the rates for private fire service are based upon the size of the service, and no additional charges will be made for fire hydrants, hose connections or standpipes connected to and supplied by such private fire services. **Billing will begin after the final inspection.**

<u>Size of Service</u>	<u>Monthly Charge</u>
2" Diameter	\$3.20
2-1/2" Diameter	5.74
3" Diameter	9.26
4" Diameter	19.75
6" Diameter	57.36
8" Diameter	122.24
10" Diameter	219.82
12" Diameter	355.08

I.U.R.C. No. W-20-A: RULE 9 PRIVATE FIRE SERVICES

Establishing and Maintaining Service

Private fire service for the purpose of supplying water to be used for the extinguishment of fire shall be installed only after submission of the required information, and approval by Indiana American. Private fire service application to Indiana American requires approval by the local fire authorities having jurisdiction of the Premises to be served.

Private fire service will not be approved unless there is suitable water volume and pressure available in the Main abutting the Premises to be supplied by such service.

Indiana American shall approve the size and location of any new connection made to a Main for private fire service. The Customer shall at its expense install the connection from the Main and Indiana American Service Line from the curb or Customer's property line to the Customer's Premises. Indiana American shall at its expense maintain or replace the connection from the Main and Indiana American Service Line to the curb or Customer's property line.

Private fire service shall be furnished through an Indiana American Service Line (installed at the customer's expense, see paragraph above) guarded by an approved fire line Meter or detector device. The detector device shall be furnished and installed by the Customer at the Customer's expense. The fire line Meter or detector device shall be located at a point approved by Indiana American. The detector device shall be maintained by and at the expense of the Customer subject to the inspection and approval of Indiana American. The by-pass Meter used with the detector device or the fire line Meter, if installed,

shall be furnished, installed and maintained by Indiana American at its expense. Private fire service is subject to all the requirements of Rule 10.

If required by the local fire authorities having jurisdiction of the Premises, a gate valve with post indicator controlling the entire supply shall be placed at the curb or property line of the street in which the Main is located or at such other point as may be approved by Indiana American and shall be furnished, installed and maintained by and at the expense of the Customer and, unless otherwise approved by Indiana American, the valve shall be installed in a valve pit or vault which shall also be furnished, installed and maintained by and at the expense of the Customer.

After the commencement of private fire service, the Customer must obtain in advance the approval of Indiana American for any change, alteration or addition to the fixtures, openings and uses specified in the agreement.

Private fire hydrants shall be painted red.

Service Provided and Limitations of Liability

The private fire service Customer shall be entitled to receive, **but only at times of fire on the Premises**, such supply of water as shall then be available from Indiana American's Main and no other or greater supply except as otherwise provide herein. Indiana American shall not be considered in any manner an insurer of property or persons, or to have undertaken to extinguish fire or to protect any Customers, persons or property against loss or damage by fire and it shall have no liability on account of any injury to property or persons by reason of fire, water used for the extinguishment of fire, or failure of water supply or pressure during a fire.

Notwithstanding the approval by Indiana American, the Customer shall be solely responsible for the design; adequacy, function and maintenance of its private fire service system.

Private fire service includes only the water used for the extinguishment of fires and necessary for the testing of the fire service facilities on the Premises. Unauthorized use of water for purposes other than those specified will subject the Customer to termination of private fire service, and Indiana American may charge a disconnection and reconnection fee as set forth in Indiana American's Rate Schedules and charges for the unauthorized water.

Water service for a Customer's private fire system may be discontinued and disconnected for the following reasons:

- For failure to notify Indiana American promptly in case its seals on valves, fittings, or hydrants are broken, and/or loss of water due to improper maintenance of its system
- If a condition dangerous or hazardous to life, physical safety or property exists
- Upon order by any court, the Commission or other duly authorized public authority
- If fraudulent or unauthorized use of water is detected and Indiana American has reasonable grounds to believe the affected Customer is responsible for such use
- If Indiana American's regulating or measuring equipment has been tampered with and Indiana American has reasonable grounds to believe that the affected Customer is responsible for such tampering

- For any consumption of or connection to water not authorized by Indiana American
- For unapproved cross-connection of a Customer's Service Line or a Customer's water pipes to any other source of water supply
- Permitting any condition to exist about the Premises that cause or might cause pollution of the public water supply
- Where Customer has failed to repair any leak in the Customer Service Line or Customer's water pipes, or in any private fire protection system or other unmetered facilities
- For any tampering or knowingly permitting any tampering or interference with any Company property, equipment or appliances without permission of Indiana American
- For failure to pay in accordance with the rate schedule or other charges or fees in connection with water service
- For failure to provide free and non-hazardous access to the Premises and Company property so that a representative of Indiana American may take Meter readings, make all necessary inspections, and maintain, replace, or remove the Meter or other Company property
- For failure to maintain approved Meter settings, including pits and vaults, or protect the Meter from damage that affects access or functionality
- For installing a new Customer Service Line and/or appurtenances without permission from Indiana American
- For failure to comply with the terms of an agreement with Indiana American
- For violation of any of Indiana American's Rules, pursuant to 170 IAC 6-1-16(e)(1)
- For failure to comply with authorized Company imposed water usage restrictions

In addition to termination of service, Indiana American may charge a disconnection and reconnection fee as set forth in Indiana American's Rate Schedules and charges for the lost water.

Protection of Water Supply

No pipe or fixtures connected with a private fire system served by Indiana American shall be connected with pipes or fixtures supplied with water from any other source.

Customer Service Lines for private fire service shall be distinct and separate from the Customer Service Lines used for general water service.

Nothing that could be a contaminant to the public water supply shall be permitted in the Customer's private fire service system.

Charges

Charges for private fire service shall be made in accordance with the Rate Schedules.

Where one Customer Service Line is used for both general water service and private fire service, separate charges will be made for each type of use.

Testing and Inspection

The Customer's private fire system shall be subject to the inspection, testing and acceptance by Indiana American before commencement of service, and at such times thereafter as may be deemed necessary or appropriate by Indiana American.

Whenever a private fire system is proposed to be tested by the Customer, the Customer shall notify Indiana American at least two (2) business days in advance of such proposed test, requesting approval of the day and hour when the test is to be made, so that Indiana American's system will not be adversely affected, and further so that, if desired, Indiana American may have an inspector present during the test.

Hydrants

Hydrants and other fixtures connected with a private fire system may be sealed by Indiana American, and any such seal may be broken only in case of fire or as specifically permitted by Indiana American for testing or other approved purposes, and the Customer shall immediately notify Indiana American of the breaking of any such seal.

I.U.R.C. No. W-20-A: RULE 10: PROTECTION OF PUBLIC WATER SUPPLY

Cross-Connections

No cross-connection will be permitted unless an acceptable form of protection against contamination by backflow into the water distribution system is provided. Acceptable forms of protection must comply with all requirements and regulations of the Water Pollution Control board, any other or successor agency responsible for such matters, and any local regulatory health agency. The required protective device or system shall be provided, installed and maintained by the Customer in good working condition, at the Customer's expense, and shall be subject to the inspection, testing and approval of Indiana American before being placed in service, and at such times thereafter as may be deemed necessary by Indiana American.

Any cross-connection made or permitted to exist which is in violation of these Rules shall be immediately removed or corrected. Failure of the Customer to do so may result in immediate termination of water service.

Lawn Irrigation System

If a Customer installs a lawn irrigation system, it must include an approved backflow prevention device. No portion of the lawn irrigation system, piping, valves, and controls shall be housed in Indiana American's Meter pit. Any such prohibited connections will be disconnected by Indiana American and any damage caused to Indiana American's property shall be repaired only by Indiana American and the Customer shall be required to reimburse Indiana American for the full cost of such repairs.

Intercepting Tanks

Customer Service Lines shall not be connected to the suction side of pumps, unless approved by Indiana American. Customers who require a large quantity of water within a short period of time

must have intercepting or intermediate storage tanks, pump discharge control valves, or other controls approved by Indiana American.

The inlet connection for the tanks attached directly or indirectly to the Customer Service Lines shall discharge at a point no less than three (3) times the diameter of the inlet pipe above the overflow of such tanks and must be approved by Indiana American.

Required Valves

Customers having boilers, hot water heating systems, or hot water heaters connected directly or indirectly to Mains must have such backflow prevention devices as required by applicable regulations. Such prevention must be provided, installed and maintained by and at the expense of the Customer. Indiana American will not be responsible for accidents or damages resulting from the imperfect action or failure of such backflow prevention.

Plumbing Work

No licensed plumber, Customer, occupant, owner, or any agent thereof shall connect to Mains or to any Indian American Service Lines, extend pipes from there to any Premises for the purpose of securing a supply of water, or turn on water to any Premises, until permission for doing so has been granted by Indiana American. All plumbing work done in connection with pipes and fixtures connected to Mains shall be submitted for the inspection of Indiana American before such work is covered. In case of emergencies, licensed plumbers are permitted to turn off and subsequently turn on the supply of water to the Premises, but notice thereof shall be given Indiana American within twenty-four (24) hours after doing so.

After testing any work, the licensed plumber shall turn off the water at such Premises, except where the work is a simple extension or additional fixture on a Customer's Service Line then in use. Where water was found turned off previous to making alterations or repairs licensed plumbers shall not leave water turned on when work is completed.

All plumbing work shall be done in accordance with the applicable plumbing codes and/or regulations adopted by any duly constituted board or body having jurisdiction with respect to such matters. Where plumbing work, upon inspection, is found to be in violation of any of the above, water service will be terminated by Indiana American upon written notice thereof from such duly constituted authority. Whenever Indiana American determines that plumbing work is defective, so as to cause a leak, Indiana American may require it be corrected before the water will be turned on.



REQUIREMENTS FOR FIRE SERVICE APPLICATIONS

ALLOW 30 DAYS FOR PROCESSING APPLICATION

NOTE: To insure continuous review, of all portions of this Application must be completed. Failure to complete all requirements of this Application will delay the review/approval process.

Submit all of the following items:

1. **Completed INAW Private Fire Service Data Sheet** – Plans must be reviewed and Data Sheet must be signed by the local Fire Department prior to submittal.
2. **Location Map** – show location of site, adjacent streets with respect to the site, including at least one intersection; if not to scale, at least proportionally representative and the location of the hydrants flowed for fire flow test.
3. **Utility Site Plan** – show proposed (or existing if a remodel) fire service vault location, existing and proposed utilities (including the domestic location and flow requirements) and the point of connection between the proposed fire service and the existing water main.
4. **Vault Detail** (with notes) – show dimensions and features to demonstrate that the proposed fire service vault will comply with the INAW standard Fire Service Vault Detail and add specific information related to this project, such as pipe sizes and which option is selected where choices are given. Developer may utilize INAW's current standard Fire Service Vault Detail, however, the Developer must customize with project specific details.
5. **Backflow Preventer Data** – INAW requires the backflow device be a Double Check Detector Assembly (DCDA). Provide specification/ submittal sheets for the DCDA and include a reference on the vault detail indicating size, manufacturer and model. INAW requires the Outside Stem and Yoke (OS&Y) valve option. By IDEM rules, Backflow Preventers must be on the USC approved list. If the DCDA can be located **within 100' of the main**, you may install inside a mechanical room. If the DCDA cannot be installed inside, the vault must be installed at the property line. **BUTTERFLY VALVES NOT ACCEPTABLE**
6. **Fire Pump and Piping** (if applicable) – show pump and related piping including the suction pressure control valve and related pressure sensing line.
7. **Suction Pressure Control Valve Data** (if applicable) – specification/submittal sheets for this valve that explain how it operates/functions.
8. **Approved Contractor** – Please note that the contractor that taps the main must be an approved contractor for INAW. Please contact the local district office for a list of approved contractors.

ENGINEERING REVIEW CHECKLIST for Private Fire Service Application

Applicant Name (Facility): _____

Fire Service Address: _____

INAWC District: _____ District Contact: _____

Approval to be emailed to District Office

[Initial that each item is attached before forwarding to Engineering for review/approval.]

Items by District

1. Recent fire flow test data sheet & associated graph (less than 1 yr old).
 - Flowing hyd should have a minimum of 10psi on Pitot gauge and residual hyd should have a minimum of 10psi drop in pressure. You may have to open 2 nozzles or flow 2 hydrants to get the drop in pressure.
2. Photo copy of distribution map showing location of residual and flow hydrants

Be sure the data collected includes the static pressure at both the residual & flowing hydrants. The flowing hydrant should be as close as possible to the proposed point of connection.

Items from Applicant

3. Completed DATA SHEET FOR PROPOSED FIRE SERVICE INSTALLATION signed by the Fire Chief
4. PDF (s) from the Applicant's plans showing:
 - Area map showing streets adjacent to proposed site/development, including at least one intersection.
 - General Site Layout with:
 - Utilities (existing & proposed)
 - Fire Service Vault
 - Point of Connection between the proposed fire service and the existing water main
5. Fire Service Vault Detail
 - With project specific information added to the INAWC Standard, (not just a copy of ours). Include a note stating the make, model and size of the double check detector backflow preventer or specification/submittal sheets for it. **BUTTERFLY VALVES NOT ACCEPTABLE**
6. Fire Pump and associated piping and suction pressure control valve.
 - Include specification/submittal sheet(s) for the suction pressure control valve.
 - **NOTE: Hydraulic calculations and/or drawings of the sprinkler layout inside the building not required.**

NOTES (from District to Engineering):

Date submitted to Engineering: _____ Date approved by Engineering: _____

Date approval to District: _____ Date approval to Applicant: _____



INDIANA
AMERICAN WATER

FLOW TEST REQUEST

REQUESTED BY

Company: _____ Date: _____

Contact: _____ Phone No: _____

E-Mail: _____

LOCATION INFORMATION

Site
Address: _____

City: _____

REASON FOR TEST

Annual Fire Service Testing

New Fire Service

Modifications of an Existing Development, **MUST EXPLAIN:**

OTHER, EXPLAIN: _____

Return request to

or fax to

Test results will be emailed within one week of request, unless temperature is below

NOTE: freezing for an extended period of time

Date: _____

INAW PRIVATE FIRE SERVICE DATA SHEET

INAW Billing Use Only:

Fire Line Size: _____

Private Hydrants: _____

District: _____

DCDA Size: _____ New Existing Fire Service w/ Chemical Addition
 Fire Service Only Private Hydrant(s) Only Fire/Single Domestic Service Fire/Dual Domestic Service

Service Address: _____

Building to be serviced will be used as: _____

Billing Name: _____

Mailing address: _____

City/State/Zip: _____

Contact Name: _____ Phone: _____

Email address: _____

Contractor Name: _____

Mailing address: _____

City/State/Zip: _____

Contact Name: _____ Phone: _____

Email address: _____

Fire line information:

1. Fire Pump in the building data: _____ Maximum gpm at _____ total head.
2. Suction pressure valve set at _____ psi.
Fire flow requirements: _____ gpm at _____ psi residual pressure at the service connection to the Water Company main.
Domestic flow requirements: _____ gpm at _____ psi residual pressure at the service connection to the Water Company main.
If fire pump is to be used, list total suction head requirements above. (*Flow requirements shall not exceed 10% below INAW's available flow.*) **BUTTERFLY VALVES NOT ACCEPTABLE**
3. Double-check Detector / RPZ Backflow Preventer provided by Applicant. OS&Y Valve Required.
Shall be _____ make/brand & model _____

Must conform to INAW Rules and Regulations.

<https://amwater.com/inaw/customer-service-billing/rights-responsibilities>

Must have local fire district review and approval prior to submitting to INAW.

Must attach current backflow test report if existing fire service OR if new backflow device; test results must be submitted within 30 days after service is activated

Service charges will be effective the date service connection is initiated.

Fire Dept Review by: _____

Date: _____

**QUESTIONNAIRE BELOW MUST BE COMPLETED IF YOU ARE REQUESTING
A METER LARGER THAN A 5/8" METER**

CUSTOMER INFORMATION

Applicant Name: _____
Service Address: _____
City/State/Zip: _____

WATER CUSTOMER DATA

Are most of the fixtures listed for public use? (yes or no)
Are toilets and urinals predominately flushometers? (yes or no)

Fixture Count for Each:

Bathtub/Shower Combo	<input type="checkbox"/>	Drinking Fountains	<input type="checkbox"/>	Shower Heads	<input type="checkbox"/>
Bar Sinks	<input type="checkbox"/>	Hose Bibs	<input type="checkbox"/>	Service Sinks	<input type="checkbox"/>
Bidets	<input type="checkbox"/>	Ice Makers	<input type="checkbox"/>	Urinals, Pedistal	<input type="checkbox"/>
Clothes Washers	<input type="checkbox"/>	Ice Makers, Commercial	<input type="checkbox"/>	Urinals, Wall	<input type="checkbox"/>
Cuspidors	<input type="checkbox"/>	Kitchen Sinks	<input type="checkbox"/>	Urinals, Tank	<input type="checkbox"/>
Dishwashers	<input type="checkbox"/>	Kitchen Sinks, Commercial	<input type="checkbox"/>	Wash Sinks	<input type="checkbox"/>
Dishwasher, Commercial	<input type="checkbox"/>	Lavatories	<input type="checkbox"/>	Toilet, Flushometer	<input type="checkbox"/>
Disposal, Commercial Spray	<input type="checkbox"/>	Laundry Tubs	<input type="checkbox"/>	Toilet, Tank	<input type="checkbox"/>

Additional Continuous Demand (gpm)



Updated March 2023

CONNECTION FEES & SYSTEM DEVELOPMENT CHARGES

Meter Size	Meter Portion of Connection Fee	Meter Pit Portion of Connection Fee	Service Line Portion of Connection Fee	Total Connection Fee	System Development Charge**	TOTAL DUE
5/8"	\$145	\$143	\$512	\$800	\$528	\$1,328
3/4"	\$184	\$196	\$720	\$1,100	\$792	\$1,892
1"	\$223	\$250	\$927	\$1,400	\$1,320	\$2,720
1.5"	\$371	\$1,671	\$1,558	\$3,600	\$3,167	\$6,767
2"	\$451	N/A*	\$1,949	\$2,400	\$5,015	\$7,400
3"	\$1,373	N/A*	\$6,727	\$8,100	\$11,481	\$19,581
4"	\$2,203	N/A*	\$8,597	\$10,800	\$19,796	\$30,596
6"	\$3,503	N/A*	\$9,397	\$12,900	\$42,231	\$55,131
8"	\$5,402	N/A*	\$10,298	\$15,700	\$73,904	\$89,604
10"	\$7,002	N/A*	\$12,398	\$19,400	\$110,856	\$130,256

*For meters 2" and larger, pits are owned by the customer and the customer is responsible for installation and maintenance.

**The System Development Charge is a one-time charge paid by a new customer for system capacity. The proceeds from these charges are used to finance the development of capacity-related water facilities and are an important funding source for growth related water facilities.

****For Redevelopment Projects contact District Office for a quote.***

Private Fire Services

All private fire services must be granted approval through Indiana American Water's Engineering Review before the service can be tapped and installed. Private fire services are not subject to connection fees and system development charges, as the developer is responsible for complete installation. Review the requirements online at the following link: [INAW Fire Service Requirements](#)

The following items will need to be submitted to the District Representative for the review process to begin:

- Completed Data Sheet, can be found online at the following link: [INAW Data Sheet](#)
- Flow Test (Flow Test Request Form Attached)
- Area map PDF showing streets adjacent to proposed site
- Utility Site Plan PDF showing existing & proposed utilities, vault & point of connection locations
- INAW Vault Detail (tailored to your project) PDF
- Backflow Preventer Specification/Submittal PDF
- Fire Pump, Piping, and Suction Pressure Control Valve Specification PDF, *If applicable*