

## Instructions for Fast Track Service Connection Permit Application

This application form is applicable only for service connection projects and is not applicable for construction permit application of any publicly owned or regulated sanitary sewer extension. Application form WPC-PS-1 must also be completed and submitted with all appropriate signatures along with Schedule FTP. Do Not Submit Detailed Plans and Specification for Projects which Qualify for the Fast Track Permit.

When the schedule item is not applicable to your project, write "not applicable" or "N/A".

1. The name of the project must be the same as the project name on Form WPC-PS-1.
2. The certification by the design engineer is required to certify Schedule FTP was completed by or under the direction of the design engineer and that there are no deviations from the requirements of the Illinois Recommended Standards for Sewage Works.
3. Commencing July 1, 2003, Section 12.2 of the Environmental Protection Act (415 ILCS 5/12.2, as amended by P.A. 93-32) requires the Agency to collect a fee for certain applications for the installation of sanitary sewer connections and extensions which serve domestic sewage sources or industrial wastewater.

Please send the appropriate fee, as specified in Schedule FTP by certified or cashiers check made out to: "Treasurer, State of Illinois, Environmental Protection Permit and Inspection Fund" with the applicant's Federal Employee Identification Number (FEIN) appearing on the face of the check and submit along with this schedule. Any fee remitted to the Agency shall not be refunded at any time or for any reason, either in whole or in part.

4. Submit the appropriate maps pursuant to Sections 4A. and 4C. in order for the Agency to verify the project is within a facility planning area boundary and ensure no portion of the project is a sanitary sewer extension which may serve additional projects.
5. Complete the checklist shown in this section. In order for this project to qualify for the Fast Track Permit all items in this section must be checked "True." If any item in this Section is checked "False" the project does not qualify for the Fast Track Permit. You must therefore submit Schedules WPC-PS-1 and A/B for your project.
6. Complete the checklist shown in this Section. These items may require additional considerations by the consulting engineers or permittee of the project.
7. The following design criteria should be used in estimating the population equivalent of a residential building:

Efficiency or Studio Apartment	= 1	person
1 Bedroom Apartment	= 1.5	persons
2 Bedroom Apartment	= 3	persons
3 Bedroom Apartment	= 3	persons
Single Family Home	= 3.5	persons
Mobile Home	= 2.25	persons

Commonly used quantities of sewage flows from miscellaneous type facilities are listed in Appendix B, Table No. 2 of the Illinois Recommended Standards for Sewage Works.

### 7.D. Total of Items 7B and 7C.

If the population equivalent for the project cannot be estimated from Appendix A or Appendix B of the Illinois Recommended Standards for Sewage Works, attach the appropriate calculations or water use records to justify the population equivalent loading for the project.

8. Indicate the number of connections, pipe size(s), pipe length and manhole(s) for the project. The values provided should coincide with plan view map provided pursuant to Section 4C.
9. Indicate the type (sanitary or combined), size and location of the downstream sewer to which this project will be connected.



**Submit a certified copy of budget item or council minutes if project is funded by unit of local government pursuant to Subsection B(1) and B(2) above.**

- B. For any sanitary sewer connection that serves an industrial wastewater source, a \$1000 fee shall be required for any industrial wastewater source that does not require pretreatment of the wastewater prior to discharge to the publicly owned treatment works or publicly regulated treatment works.

**4. Project Location and Service Area:** Submit map(s) of the service area that includes the following:

- A. A 8 1/2 x 11 inch detailed location map or USGS map showing the project with respect to major roadways.
- B. The proposed sewer layout and project location.

Township \_\_\_\_\_ Section \_\_\_\_\_ Range \_\_\_\_\_

- C. Submit 8 1/2 x 11 inch detailed sanitary sewer connection plan view map.

**5. Minimum Requirements:**

True    False    N/A

- A. The applicant will construct, own and operate the service connection(s), no additional waste load or connections will be added in future and the sewer connection will not be extended in future.
- B. The project is being constructed entirely within the Facilities Planning Area ( F.P.A. ).
- C. Non domestic liquid waste is not produced inside the building.
- D. A separate sanitary service connection is provided for each building and each service connection discharges directly to an existing publicly owned or publicly regulated sanitary sewer.
- E. The design is in accordance with Illinois Recommended Standards for Sewage Works ( No deviation allowed ).
- F. Minimum size of the service sewer is 4 inches in diameter and is not less than the diameter of the plumbing pipe from the building.
- G. Minimum slope of the service sewer is 1%.
- H. Minimum cover over the service sewer is 3 feet.
- I. Straight line alignment is maintained on service connection, otherwise cleanouts or manholes are provided at points of change in alignment.
- J. Service sewer is at least 10 feet horizontally separated from the water main or water service.
- K. Service sewer crossing the water main or water service is laid with sewer below the water line and the crown of the sewer a minimum 18 inches below the invert of the water line.
- L. Flexible pipe to be installed in accordance with ASTM 2321-00 using Class IA or 1B or II or III ( circle one or more ) embedment material and same material to be used from 4 inches below the pipe to at least 6 inches above the pipe.
- M. Bedding Class A or B or C ( circle one ) as described in ASTM C12 to be used for rigid pipe.
- N. Illinois Historical Preservation Agency (IHPA) approval obtained and submitted with this application.

**If any item in above Section 5 of this application is checked 'False', the proposed project does not qualify for the Fast Track Permit application. Submit WPC-PS-1, Schedule A/B, and necessary plans and specifications**

**6. Additional Requirements:**

Yes      No      N/A

- A. Is the project located in a designated wetlands?
- B. Are the sanitary sewers, cleanouts or manholes located in a flood plain or subject to flooding?  
 If yes, (1) was the buoyancy of sewers considered and watertight manhole or cleanout covers used wherever the manholes tops may be flooded by surface runoff or high water or are below ground cover  
 (2) Pickholes in all manholes likely to be flooded not larger than 1 inch in diameter and of the concealed type
- C. Are Erosion Control Measures specified for the project?
- D. Is Service sewer or manhole located within 50 feet of a private or public potable water well?  
 If yes, (1) is the manhole at least 50 feet from the well?  
 (2) is the sanitary service sewer at least 10 feet from well?  
 (3) is the sanitary service sewer constructed of water main quality pipe and joint if located between 10 feet and 50 feet from the well?

**7. Type of Development:** Commonly used quantities of domestic sewage flows from miscellaneous type facilities are listed in Appendix B, Table 2 of the Illinois Recommended Standards for Sewage Works.

- A. **Type of Service:** Residential           ; Non-Residential           ; Other           ;
- B. **Residential Building(s):** Number of single family dwelling building(s) \_\_\_\_\_;  
 Number of Multiple family dwelling building(s) \_\_\_\_\_; Estimated total residential P.E. \_\_\_\_\_  
**"Please provide an itemized list of each multiple family dwelling building: Number of 1, 2 and 3 bedroom units; the total P.E. for each building and the total P.E. for multiple family dwelling buildings."**
- C. **Non-Residential Building(s):** Describe use of building(s) \_\_\_\_\_  
 Number of non-residential building(s) \_\_\_\_\_ Estimated number of employees \_\_\_\_\_;  
 Estimated number of occupants (transient) \_\_\_\_\_ Total non-residential P.E. \_\_\_\_\_
- D. **Total Loading for the Project (Sum of B and C):** Design Average Flow \_\_\_\_\_ G.P.D.; P.E. .

**8. Sanitary Sewer Service Connection(s):**

Number of Service Connection(s) \_\_\_\_\_ Pipe Size(s) \_\_\_\_\_ Total Pipe Length \_\_\_\_\_  
 Number of Manholes (do not include cleanouts) \_\_\_\_\_

**9. Existing Sewer System:**

- A. This project will connect to one of the following:
 

1. existing sanitary sewer	4. permitted combined sewer
2. existing combined sewer	5. proposed sanitary sewer
3. permitted sanitary sewer	6. proposed combined sewer

If permitted but not constructed and operational, provide permit number \_\_\_\_\_

- B. Size and location of downstream sewer

**For IEPA Use Only:**

	Yes	No
Application is complete?	<input type="checkbox"/>	<input type="checkbox"/>
The project qualifies for a FTP?	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Special Conditions:

- 34 Wetlands
- 36 NPDES Storm Water Permit
- 213 IDOT (flood plain, delete 34)

\_\_\_\_\_  
Review Engineer    Signature

\_\_\_\_\_  
Unit Manager Signature