

HERMITAGE MUNICIPAL AUTHORITY

TO: ALL LAND DEVELOPERS AND DESIGN ENGINEERS

DATE: DECEMBER 5, 2014

SUBJECT: **PRELIMINARY PLANNING EVALUATION FORM**

The Hermitage Municipal Authority provides the attached evaluation form for your completion. This form titled "Preliminary Planning Evaluation Form – Wastewater Collection and Treatment" details the information necessary for the Authority to determine if your proposed development can be adequately handled by the Authority's wastewater collection and treatment system. The information provided will also be utilized to determine collection and treatment requirements for the development's wastewater.

This form must be completed and submitted prior to the Hermitage Municipal Authority's consideration of any development plan for approval. All information must be submitted to the City of Hermitage with your general planning approval documents. Any questions regarding the completion of these forms should be directed to: **Jason D. Wert, PE – Rettew & Associates – 814-933-2819.**

INSTRUCTIONS: The following instructions are provided to assist the Applicant in describing the development. The item number designation correlates to the numbering system shown on the PPE Form.

- 1) Insert project developer's name, address and telephone number.
- 2) Insert name and descriptive location of development (i.e. "20 acre site on the northeast side of Valley View Road, 1500 feet north of intersection with Lamor Road.")
- 3) Insert name and address of project's engineer/architect. The design professional must be registered in the Commonwealth of Pennsylvania.
- 4) Submit the four planning map documents identified.
- 5) Identify what type of development is proposed.
- 6) Identify the total number of units, acres, etc., to be included in the development.
- 7) Insert/calculate the proposed development's flow. If historical data is available, provide one year's worth of flow data with this form.
- 8) Insert probable pollutant loading concentrations. Note for the existing service area the typical domestic wastewater pollutant concentrations are:

BOD5:	180 mg/l	pH:	6.5 to 8.5 S.U.
TSS:	200 mg/l	Temperature:	15° to 20° C
NH3-N:	30 mg/l	COD:	500 mg/l
Ag:	0.003 mg/l	Cu:	0.061 mg/l
- 9) Insert industrial classification for all non-domestic wastewater flows.
- 10) Insert description of development if non-domestic. Identify all waste streams (liquid and solids) which would be produced at the development.
- 11) Identify probably components of wastewater facilities proposed for development; include pretreatment systems as may be applicable.
- 12) Identify tentative project schedule, this will assist the City and the Authority in managing wastewater development needs.

HERMITAGE MUNICIPAL AUTHORITY
PRELIMINARY PLANNING EVALUATION FORM
 WASTEWATER COLLECTION AND TREATMENT

1) **PROJECT DEVELOPER:**

Name: _____ Phone: _____
 Address: _____ FAX: _____
 _____ Email: _____

2) **PROJECT NAME AND LOCATION:**

3) **PROJECT ENGINEER / ARCHITECT:**

Name: _____ Phone: _____
 Address: _____ FAX: _____
 _____ Email: _____

4) **REQUIRED PRELIMINARY SUBMITTAL DOCUMENTS:**

- Plot Plan (1" = 50') Preliminary System Layout Plan (1" = 50')
 Topographic Plan* (1" = 200') Connection Location Plan* (1" = 400')

*(*These Plans can be obtained from the City of Hermitage Planning Department.)*

5) **DEVELOPMENT TYPE:**

- Single-Family Residential Industrial
 Multi-Family Residential Other _____
 Commercial _____

6) **DEVELOPMENT SIZE:**

ITEM	TOTAL
ACRES	
SINGLE-FAMILY RESIDENTIAL UNITS	
MULTI-FAMILY RESIDENTIAL UNITS **	
TRAILER RESIDENTIAL UNITS	
COMMERCIAL UNITS / LOTS / ACRES	
INDUSTRIAL UNITS / LOTS / ACRES	
OTHER UNITS / LOTS / ACRES	

*(** See chart on next page for a breakdown of multi-family residential units.)*

MULTI-FAMILY RESIDENTIAL UNITS

UNIT TOTALS

	1-2 Bedrooms	3+ Bedrooms	Garages	Carports
TYPE				
Apartments				
Condominiums				
Townhouses				
Totals				

7) **DEVELOPMENT FLOW:** Estimated Flow = _____ GPD

Multi-Family Residential units having two bedrooms (or more) and a garage / carport shall be considered a single-family residential unit.

TYPE	UNIT TOTAL	X	BASE	=	ADF	X 3 =	PHF
Single Family Residential		X	400 GPD	=		X 3 =	
Multi-Family Residential		X	200 GPD	=		X 3 =	
Commercial / Industrial (acres)*		X	2,000 GPD	=		X 3 =	
Other:*		X	GPD	=		X 3 =	

* The developer must submit one year of historical flow data for any non-residential development. Documentation Attached

The flow data will be utilized to determine connection fees and system allocation. The development flow base values represents a 24 hour run-off period. If the run-off period is less than 24 hours, specify the period and adjust the flow values accordingly.

8) **DEVELOPMENT POLLUTANT LOADING:**

For all non-residential development, the developer is required to submit the estimated concentrations (mg/l) for the following pollutants. The submission of historical data is recommended.

BOD ₅	pH	Cu	TSS	Temp. °F	Ag	NH ₃ -N	COD

The developer shall also submit pollutant concentrations for the parameters required by Federal and Commonwealth pretreatment regulations. Use separate sheets as may be necessary. The pollutant loading will be utilized with the flow data to determine connection fees, system allocation, and pretreatment requirements.

9) **DEVELOPMENT POLLUTANT LOADING:**

SIC NO.	PRETREATMENT 40 CFR

10) **COMMERCIAL / INDUSTRIAL / OTHER DESCRIPTION:**

TYPE OF WASTEWATER: *(check all that apply)*

- Toilets
 Kitchen
 Laundry
 Oil/Grease
 Car Wash
 Industrial
 Other: _____

Building Size (total sq. ft.): _____ # of Floors: _____ # of Employees: _____

11) **WASTEWATER SYSTEM PRELIMINARY DESCRIPTION:**

GRAVITY SEWERS:	DIAMETER, INCHES	
	LENGTH, FEET	
	MANHOLES, TOTAL	
PUMP STATION(S):	SIZE, GPM	
	TYPE, SUBMERSIBLE GRINDER	
	SUBMERSIBLE SOLIDS HANDLING	
	DRY PIT / WET WELL	
	SUCTION LIFT	
	EMERGENCY GENERATOR UNIT SIZE	
FORCE MAIN / PRESSURE SEWER:	DIAMETER, INCHES	
	LENGTH, FEET	
PRESSURE SEWER:	GRINDER PUMP, TOTAL NUMBER	
	GRINDER PUMP, TYPE MANUFACTURER	
OTHER:		

12) **SUBMITTAL AND SCHEDULED DATES**

All documents to be submitted to the Authority for concurrent review.

DEVELOPMENT PLANS SUBMISSION DATE		
PA DEP PART II APPLICATION DATE		
PA DEP PART II PERMIT APPROVAL DATE		
CONSTRUCTION START DATE		
CONSTRUCTION COMPLETION DATE		
OCCUPANCY SCHEDULE DATES:	50% FULL:	
	100% FULL:	

SUBMITTED BY

DATE

HERMITAGE MUNICIPAL AUTHORITY REVIEW – DO NOT WRITE BELOW THIS LINE

AUTHORITY REVIEWED BY

DATE

COMMENTS: _____
