

1100 Devonshire Dr.

City of Napoleon

**Fax Cover** This is a confidential message, intended solely for the person to whom it is addressed. If you receive this message in error, please forward it to the correct person, or mail it back to us. Thank you.

**To** Lynnette Hablitzel - Ohio EPA NWDO

**Fax No.** (419) 352-8468

**From** Adam C. Hoff, P.E. - City Engineer *ACH*

**Date** 9/22/99

**Subject** Glenwood Estates Sanitary Sewer

**Pages** 2, including this one

I have inspected the installation of the chimney seals installed at Glenwood Estates. Nine (9) seals were installed based upon the calculation presented in the letter that follows this facsimile. Therefore, it is my recommendation that the Permit to Install for the Glenwood Estates Sanitary Sewer Extension be issued.

If you have any questions, please call me at 592-4010. Thank you.

c: Jon Bisher - City Manager  
Jeff Marihugh - Operations Superintendent  
Larry Koesters - 592-8151 *592-7940*

255 W. Riverview Ave.

Napoleon, Ohio 43545

(419) 592-4010 Phone

(419) 599-8393 Fax





# City of NAPOLEON, OHIO

255 WEST RIVERVIEW AVENUE, P.O. BOX 151  
NAPOLEON, OHIO 43545-0151  
(419) 592-4010  
FAX (419) 599-8393

July 1, 1999

Mr. Larry Koesters  
Fox Chase, Inc.  
One Devonshire Drive  
Napoleon, Ohio 43545

Re: Glenwood Estates  
Permit to Install Application

Mayor  
Donald M. Stange

Dear Mr. Koesters:

Members of Council  
Michael J. DeWit, President  
Terri A. Williams  
James Hershberger  
Travis B. Sheaffer  
Char Weber  
David F. Miller, Jr.  
Glenn A. Miller

In response to our meeting of June 30, 1999, I have spoken with representatives of the Ohio EPA. Based upon the information you provided pertaining to the number of lots and average number of residents per lot, I have determined that a total of nine (9) chimney seals would need to be installed within your development for removal of inflow and infiltration (I/I) to allow the proposed sanitary sewer extension. This number was developed as follows:

$$(11 \text{ New Lots}) \times (3.0 \text{ Persons per Lot}) \times (100 \text{ GPD per Capita}) \\ = 3,300 \text{ GPD Additional Flow}$$

City Manager  
Dr. Jon A. Bisher

$$(3,300 \text{ GPD Additional}) \times (2.0 \text{ GPD of I/I per GPD Additional}) = 6,600 \text{ GPD of I/I}$$

$$(6,600 \text{ GPD of I/I}) / (600 \text{ GPD of I/I per Seal}) = 8.25 \text{ Seals } \underline{\text{Use 9 Chimney Seals}}$$

Finance Director  
Gregory J. Heath

As we discussed, there are other possible options to accomplish the required removal of I/I from the sanitary collection system. These options range from replacing perforated castings with solid, gasketed castings to complete manhole removal and replacement to sewer rehabilitation. The Ohio EPA does not currently have a summary of rehabilitation items versus removal credits, but will review each proposed project for removal credits. An estimate of the amount of removal for each project by an engineer may be submitted for their consideration.

Law Director  
David M. Grahn

City Engineer  
Adam C. Hoff, P.E.

On behalf of the City of Napoleon, we will approve the plans as currently proposed upon receipt of a letter confirming the commitment of your firm, including a specific date for the completion, to perform a sanitary sewer rehabilitation project, such as chimney seal installation.

If you have any questions or require further information, please call me at (419) 592-4010.

Yours truly,

Adam C. Hoff, P.E.  
City Engineer

ACH:rd

cc: Dr. Jon A. Bisher, City Manager

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# City of Napoleon

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**To** Ken Maag, P.E. - Poggemeyer Design Group  
**Fax No.** (419) 784-5293  
**From** Adam C. Hoff, P.E. - City Engineer *ACH*  
**Date** 4/26/99  
**Subject** Glenwood Estates Plan Review  
**Pages** 1, including this one

On behalf of the City of Napoleon, I hereby approve the plans for the Glenwood Estates with the following comments:

### Plans & Specifications:

1. Cover Sht. - The detailed specifications provided do not specifically require no greater than 5.0% deflection for the sanitary sewers. This test will be performed, per City of Napoleon standards, prior to approval of the sanitary sewer construction.
2. Sht. 4 of 4 - The sanitary manhole still does not show an integral base section. A precast section shall be provided. Also, please provide my office with a catalog cut for the Neenah R-1045 casting called out on the plans. My Neenah catalog does not have that item. Otherwise an East Jordan 1045, casting with a gasketed, solid lid, or an approved equal, shall be provided.

Also, a meeting will need to be scheduled with the Ohio EPA to discuss the required upgrades to the existing sanitary collection system. These plans may be submitted to the Ohio EPA for their review.

If you have any questions or require additional information, please call me at (419) 592-4010. Thank you.

c: Jon Bisher, Jeff Marihugh  
Mr. Larry Koesters - Fox Chase, Inc. 592-8151  
Ms. Lynnette Hablitzel - Ohio EPA NWDO (419) 373-3125

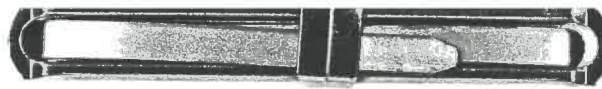
255 W. Riverview Ave.  
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# City of Napoleon



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**To** Larry Koesters - Fox Chase, Inc.  
**Fax No.** (419) 599-1838  
**From** Adam C. Hoff, P.E. - City Engineer *ACH*  
**Date** 4/1/99  
**Subject** Glenwood Estates Mobile Home Park  
**Pages** 1, including this one

We have reviewed the plans submitted for the referenced project and developed the following comments:

1. Per the City of Napoleon Engineering Rules and Regulations, a plan review fee of \$25.00 and an inspection of 1.50% of the estimated cost of the improvements are required.
2. Please make sure that your contractor is registered with the City of Napoleon. Registration forms are available at the City offices.
3. You may commence with the installation of the proposed 2" water main and concrete pads, as previously approved by the State Department of Health.
4. **No construction will be permitted for the proposed 8" sanitary sewer extension until a Permit to Install is issued by the Ohio EPA.** I would assume that such a permit would not be issued any sooner than 60 to 90 days from submittal due to the issues (SSO's and the pumping station) we discussed previously. Also, obviously, none of the proposed lots may be occupied until the sanitary sewer and service connections are installed.

If you have any questions or require additional information, please call me at (419) 592-4010. Thank you.

c: Jon Bisher, Brent Damman, Rex Moll  
Mr. Ken Maag, P.E. - Poggemeyer Design Group (419) 784-5293  
Ms. Lynnette Hablitzel - Ohio EPA NWDO (419) 352-8468  
Ms. Michele Willis, P.E. - Ohio Dept. of Health (614) 466-4556

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# City of Napoleon

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**To** Kenneth A. Maag, P.E. - Poggemeyer Design Group  
**Fax No.** (419) 784-5293  
**From** Adam C. Hoff, P.E. - City Engineer *ACH*  
**Date** 2/26/99  
**Subject** Glenwood Estates Mobile Home Park  
**Pages** 1, including this one

I have reviewed the issue of the sanitary sewers within the Glenwood Estates with the Ohio EPA and have been informed that the Ohio EPA must issue a Permit to Install (PTI) for all sewers, pumping stations and wastewater treatment facilities even if they are to be located within a mobile home park. Also, PTI's expire if construction on the proposed improvements does not commence within eighteen (18) months after issuance. Finally, the City of Napoleon Engineering Rules & Regulations have a one (1) year expiration period.

Therefore, the Ohio EPA and the City of Napoleon will need to review the plans for the proposed sewer extension prior to commencing with the construction. You should be aware that the City has two (2) sanitary sewer overflows (SSO's) downstream of this facility which will need to be addressed. We also have some concerns regarding the amount of inflow and infiltration entering the existing sanitary sewer system within the Glenwood Estates and will be reviewing that issue along with the above plan review.

If you have any questions or require additional information, please call me at (419) 592-4010. Thank you.

c: Mr. Larry Koesters - Fox Chase, Inc. (419) 592-8151  
Ms. Lynnette Hablitzel - Ohio EPA NWDO (419) 352-8468

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