



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020 Fax (614) 644-2329

Richard F. Celeste
Governor

November 28, 1990

Re: Napoleon - Henry County
Application No. 03-5516
Application for Pretreatment-Sanitary Sewer
Extension
Received October 31, 1990
From Mr. Dennis Stelzer, Jr.,/CLEVITE-Elastomers

CLEVITE-Elastomers
33 Lockwood Road
Milan, Ohio 44846

CERTIFIED MAIL

Gentlemen:

Enclosed is the Ohio EPA Permit to Install which will allow you to install the described source in the manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

As indicated on the permit, you are required to pay a permit fee as provided for by Section 3745.11 of the Ohio Revised Code and any rules established thereunder. The exact amount of this fee is indicated on page 1 of the Permit to Install. This amount must be remitted within fifteen (15) days of the effective date of the Permit to Install. Checks should be made payable to: Treasurer, State of Ohio and sent to Permits Bookkeeper, Ohio Environmental Protection Agency, P. O. Box 1049, 1800 WaterMark Dr., Columbus, Ohio 43266-0149.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Board of Review pursuant to Section 3745.04 of the Ohio Revised Code by any person who was a party to this proceeding. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street, Room 300
Columbus, Ohio 43266-0557

1400 E. Riverview
Ave

OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit to Install

Applicant's Name: CLEVITE-Elastomers
Address: 33 Lockwood Road
City: Milan
Person to Contact: Mr. Donald Engel
Telephone: (419) 592-2055

Application No. 03-5516
Permit Fee \$525.00
State: Ohio 44846

Description of Proposed Source: Pretreatment-Sanitary Sewer Extension,
Napoleon, Henry County

Issuance Date: November 28, 1990

Effective Date: November 28, 1990

The above named entity is hereby granted a permit to install for the above described source pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described source of pollutants will be granted the necessary operating permits. This permit is granted subject to the following conditions attached hereto:

Ohio Environmental Protection Agency



Richard L. Shank, Ph.D.
Director
P. O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149

This permit shall expire if construction has not been initiated by applicant within eighteen months of the effective date of this permit. By accepting this permit, applicant acknowledges that this eighteen month period shall not be considered or construed as extending or having any effect whatsoever on any compliance schedule or deadline set forth in any administrative or court order issued to or binding upon the permit applicant, and applicant shall abide by such compliance schedules or deadlines to avoid the initiation of additional legal action by the Ohio EPA.

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

Issuance of this permit does not relieve you of the duty of complying with all applicable federal, state, and local laws, ordinances, and regulations.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code, and shall be invalid unless the permit fee specified above has been paid in full to the Ohio EPA within fifteen days of issuance of this permit to install.

The proposed wastewater disposal system shall be constructed in strict accordance with the plans and application approved by the Director of the Ohio Environmental Protection Agency. There shall be no deviation from these plans without the prior express, written approval of the agency. Any deviations from these plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of this plan and issuance of this permit does not constitute an assurance by Ohio Environmental Protection Agency that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

Roof drains, foundation drains, and other clean water connections to the disposal system are prohibited.

Sewer and manhole construction joints shall conform to standards of the Ohio Environmental Protection Agency.

SANITARY SEWER DATA SHEET

TO BE SUBMITTED IN TRIPLICATE TO THE OHIO ENVIRONMENTAL PROTECTION AGENCY
DISTRICT OFFICE WITH DETAIL PLANS

Name of Municipality or County Sewer District City of Napoleon

Location of Project by City or County and Twp. CLEVITE, Napoleon, Ohio

Name of Project Installation of sewer line to carry industrial wastewater

Name of Engineer or Firm Preparing Plans CLEVITE-Elastomers

Address Route 424 E. Napoleon, Ohio 43545

Name and Address of Municipal or County Official to whom plan approval should
be sent Marc S. Gerken P.E. City Engineer
City of Napoleon 255 Riverview Ave. Napoleon, Ohio 43545-0151

1. Brief Description of project. Include information as to (a) the location, size and development of the area to be served, (b) total length of sewer to be installed, (c) possibility of future extensions, (d) exact location of connections to existing sewers, (e) treatment plant receiving wastes and (f) other data pertinent to the project. Installation of a 10 inch sewer line, 380 ft. length. Line will carry treated industrial wastewater from CLEVITE's pretreatment building to the City's 12 inch sewer line. Connection will be made to 12 inch line at new manhole on CLEVITE's property along the North side of Route 424.

2. PIPE MATERIAL	MATERIAL SPECIFICATION*	JOINT SPECIFICATION*	BEDDING** CLASSIFICATION	PIPE SIZE
PVC SDR35	ASTM 3034	ASTM D-3212	4310 Crushed Stone	10 inch

LENGTH OF PIPE	MINIMUM SLOPE	MAX. MANHOLE SPACING	TYPE OF MANHOLE	M.H. JOINT SPECIF. *
380 ft.	1.3 %	300 ft.	ASTM C-478	ASTM C443
			precast	
			concrete	

*List ASTM, AWWA, or ANSI specification number.

** Note: 100% to pass 3/4 inch sieve. ASTM C-12(A,B,C); D-2321(1,2,3) or OTHER

4/10/80

8. a. Are the sewers at least 10 feet horizontally from water lines and/or at least 18 inches below the water line? Yes No
- If No, why? _____
- b. Are water supply sources, public or private, located within 200 feet of the sewer? Yes _____ No
- If Yes, specify plan sheet page number(s) on which sources are shown _____
- If yes, will sewers be encased or watertight? Yes _____ No _____
- c. Is there any connection between the sewer and a public or private potable water supply or appurtenances? Yes _____ No
- d. Are sewers in streams constructed to remain watertight and in alignment? Yes _____ No _____ N/A
- e. Are watertight covers used where manholes are subject to flooding by street runoff or high water? Yes _____ No _____ N/A
9. a. Are manholes provided at all changes in size, grade, alignment, and sewer intersections? Yes No _____ N/A _____
- b. Are drop manholes provided where the entrance sewer invert is 30 inches or more above manhole invert? Yes _____ No _____ N/A
10. a. Where small sewers join larger ones, have the inverts of the larger sewers been lowered sufficiently to maintain the same energy gradient? Yes No _____ N/A _____
- b. Have provisions been made to protect sewers at velocities of over 15 feet per second? Yes _____ No _____ N/A
- c. Are sewers secured with concrete anchors (or equal) spaced as required? Yes _____ No _____ N/A
11. Are there any overflows or bypasses on the collection system? Yes _____ No If yes, specify plan sheet(s) where shown _____
12. a. Will this project include any pump stations? Yes _____ No If yes, please complete pump station data sheet.
- b. Will there be a pump station involved in receiving sewage from future sewer extension? Yes _____ No _____ N/A If yes, specify design flows of pumping station:
- | | | |
|-------------------------|--------------------------|-----------------|
| Existing buildings; | Average daily flow _____ | peak flow _____ |
| Immediate area; | Average daily flow _____ | peak flow _____ |
| With future extensions; | Average daily flow _____ | peak flow _____ |

SANITARY SEWER

All work shall be performed in accord with these plans and specifications and requirements of the Ohio Environmental Protection Agency and the current specifications of the City of Napoleon, Ohio.

Excess excavated material shall be placed where directed by the Engineer. Existing utilities indicated on the plans are based on available information and are not guaranteed by the Engineer for accuracy of completeness. Any work to be performed in the area of existing utilities shall require prior notice to the utility owner.

Specifications for sanitary pipe and fittings shall be:

<u>Pipe Material</u>	<u>Material Spec.</u>	<u>Joint Spec.</u>
Clay	ASTM C-700	C-425
Plain Concrete	ASTM C-14	C-443
Reinforced Concrete	ASTM C-76	C-443
Asbestos Cement	ASTM C-428	D-1969
Polyvinyl Chloride	ASTM D-3034	D-3212

Manholes shall be four foot inside diameter with steps cast at vertical intervals not to exceed sixteen inches, pre-cast concrete conforming to ASTM C-478 with o-ring joints conforming to ASTM C-443. Pre-cast manhole adjusting rings properly grouted shall be used to bring the top of manhole to proper grade. Exfiltration of the completed sewer shall not exceed 200 gallons per hour per inch of diameter per mile. The leakage test shall be performed under the supervision of the Owners Engineer.

Sewer line crossings of pavement shall be backfilled with #310.02 ODOT Spec. material placed in layers not to exceed six (6) inches compacted thickness. A minimum vertical clearance of 18 inches between water and sewer pipe shall be maintained. In areas where this requirement cannot be met, the sewer pipe shall be of water main type pipe (which will withstand a 50 psi pressure test) for a distance of ten (10) feet each side of the water pipe. Ends of sewer services shall be marked by placing wooden markers. The wooden markers shall extend four (4) foot above the top of the sewer pipe.

Compensation for all items of work shall be based on the unit price bid for the specified unit and shall include, but not be limited to all materials, supplies, labor, equipment and other items required to complete said item. Compensation for work required for which no unit price is provided shall be included in other items of work and no additional compensation shall be allowed therefore.

Roofs drains, foundation drains and other clean water connections to the sanitary sewer system are prohibited.

BREAK SHARP EDGES - STAMP PT NO.

CLEVITE

DR.	STD. TOL.	HEAT TREAT	REQ.	MATL.	SIZE
CH.	FRAC ± 1/64		SCALE	DATE	DESIGN NO.

**REPORT ON DETAIL PLANS FOR SANITARY
SEWER LINE TO SERVE CLEVITE-ELASTOMERS
CITY OF NAPOLEON, HENRY COUNTY**

On October 31, 1990, the Northwest District Office of the Ohio EPA received a Permit to Install (PTI) package from Clevite-Elastomers, Route 424, East, Napoleon, Ohio 43545. The package included a permit application, detail plans, sanitary sewer data sheet, and the appropriate fee. The plans were prepared by Clevite Elastomers, Napoleon, Ohio under the supervision of Mr. John A. Helberg, P.E.

Clevite Elastomers is currently discharging treated industrial wastewater from its wastewater treatment facility to the Maumee River. The facility has obtained an approval to discharge this wastewater into the City of Napoleon's sanitary sewer. This application seeks approval for a sanitary sewer line that will connect the treatment facility to the existing city sewer.

The proposed line will extend 380 linear feet from the southwest end of the treatment building to connect to an existing city sewer line along State Route 424 East. The 10-inch line will be PVC SDR35 conforming to ASTM 3034 with ASTM D-3212 joints. Two manholes are also proposed to be installed. One at a distance of 300 feet from the treatment building and the other at the connection point with the city sewer line. Manholes will be precast concrete conforming to ASTM C-478 with ASTM C443 joints between sections.