

File Name Clear Lake Sanitary District - Sew 01STATE OF IOWA WAM WAMDEPARTMENT OF WATER, AIR, AND WASTE MANAGEMENT
HENRY A. WALLACE BUILDING
DES MOINES, IOWA 50319

CONSTRUCTION PERMIT

The Chairman, Board of Trustees
Clear Lake Sanitary District
Clear Lake, Iowa 50428

Permit No.: 85-66-S

File: Clear Lake Sanitary District - Sewage
Cerro Gordo County
Re: Sanitary Sewer Replacement

WAWM Project No.: S85-47

In accordance with the provisions of Sections 455B.173.9 and 455B.174.4, Code of Iowa, and Rule 900--64.2(455B) or Rule 900--65.5(455B), or Rule 900--41.12(455B) of the Iowa Administrative Code, the Executive Director of the Department of Water, Air and Waste Management does hereby issue a permit for the construction of:

264 feet of 15-inch sanitary sewer [V.C.P.] and appurtenances Sanitary Sewer Replacement, Clear Lake Sanitary District, Clear Lake, Iowa.

By Issuance of this construction permit No. 85-66-S we are hereby granting a variance for use of Fiberglass Reinforced Plastic (FRP) manholes with reinforced concrete eccentric cone section, adjusting rings and cast iron manhole frame and cover, instead of reinforced concrete manhole, for this project. The manhole base shall be integral with walls or manhole walls shall be embedded a minimum of six (6) inches into concrete poured-in-place and adequately water proofed.

The construction of the project shall be initiated within one year of issuance of this permit or this permit is no longer valid. Within thirty days after completion of construction, the permit holder shall submit a certification by a registered professional engineer that the project was completed in accordance with the approved project documents.

Pursuant to Section 455B.174.4, Code of Iowa, you have the right to appeal any condition of this permit by filing with the Executive Director of the Department of Water, Air and Waste Management a notice of appeal and request for administrative hearing within thirty days of receipt of this permit.

Contact Akanad M. Koshy at 515/281-8960 with any questions or comments.

For the Department of Water, Air and Waste Management:

Stephen W. Ballou, Executive Director

By: Lauren Hagan
PROGRAM OPERATIONS DIVISIONDate: February 14/98cc: Yaggy Associates, Inc., Mason City, IA
WAWM Region 2

AMK:pla/WMPW043M12.01

Plan Distribution

**YAGGY ASSOCIATES, INC.**

CONSULTING ENGINEERS ■ PLANNERS ■ SURVEYORS

215 NORTH ADAMS, MASON CITY, IOWA 50401 ■ PHONE (515) 424-6344

January 2, 1985

State of Iowa Department of
Water, Air & Waste Management
Wallace Building 900 E. Grand
Des Moines, Iowa 50319

Attention: Koshy

Re: Clear Lake Sanitary District

Dear Sir:

We hereby request a variance on the manhole construction material to be used on the South Lake View Drive project. Fiberglass reinforced plastic manholes would be substituted for concrete.

The segment of sewer involved is at the end of a long force main. The wastewater in the force main often becomes septic and produces hydrogen sulfide gas. Concrete manholes have proven to be attacked by the gases in the sewer. Prevention of the gas production does not appear economically feasible at this time. To provide for long term serviceability of these manholes, a material not affected by the gases in question is desired. Therefore, FRP Manholes are requested as a variance to state standards.

If there are any questions, please contact us.

Sincerely,

YAGGY ASSOCIATES, INC.

John H. Wellner

JHW/pc

DEPARTMENT OF
WATER, AIR AND WASTE
MANAGEMENT

05 JUN 3 AM 10 05