Co 14728

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Dept. of Environmental Mgmt.
Commissioner's Office
AUG 14 1991

STATE OF INDIANA)
) SS:
COUNTY OF SWITZERLAND)

IN RE: PETITION FOR THE ESTABLISHMENT OF A REGIONAL SEWAGE DISTRICT FOR EAST ENTERPRISE AND THE AREA IMMEDIATELY SURROUNDING IT, IN COTTON TOWNSHIP OF SWITZERLAND COUNTY, INDIANA.

The Switzerland County Council, Switzerland County Commissioners and the Department of Natural Resources petition the Department of Environmental Management pursuant to I.C. 13-3-2-3 for the establishment of a regional sewage district as follows:

1. The proposed name of such district would be:

EAST ENTERPRISE REGIONAL SEWAGE DISTRICT

2. The principal office for such proposed district would be located within such district in Cotton Township of Switzerland County, Indiana.

3. The sanitary sewage needs of those residents now residing within such proposed district are currently being met with individual and private septic systems.

4. Upon formation of such district, it would further be proposed to construct and operate a sanitary sewage system that would collect and treat the sanitary sewage of the residents of such district.

5. Such district is needed to permit the construction of a system to collect and dispose of the sanitary sewage of the residents. The current method of sewage collection and disposal through individual and private septic systems is deteriorating and is creating current and future health problems for the residents of such proposed district and for those residents and others who might utilize the area for enjoyment or any other purpose.

6. The current method of collection and disposal of the sanitary sewage of the residents of such proposed district is

affecting and can affect detrimentally the water quality of the reservoirs which provide water to the East Enterprise area.

7. Some of the residents of such proposed district currently obtain their water for drinking and other personal uses from individual and private wells which can also be affected detrimentally by continued use of the present method of collection and disposal of the sanitary sewage of the residents of the proposed district.

8. The proposed district is intended at this time to encompass all property within the hatched service area shown on the attached map.

9. There is no outstanding indebtedness currently in the proposed district for the purpose of the construction of a sanitary sewer system.

10. Petitioners recommend that the Board of Trustees of such proposed district, if formed, be selected by vote of the residents of the district for ultimately staggered four year terms and that such district be divided in four districts with one trustee being elected at-large without any residence requirement other than residing within the district, although all trustees would be voted upon and elected by all residents of the district.

11. Initial estimates for the cost of the proposed system are projected to be SEVEN HUNDRED THIRTY-TWO THOUSAND AND NO/100 DOLLARS ($732,000.00).

12. The initial estimates for the cost of operation and maintenance of such system once constructed are projected to be THIRTY THOUSAND AND NO/100 DOLLARS ($30,000.00) annually.

13. Revenue bonds would be sold by such district, if formed, to raise sufficient funds to pay for the cost of the construction of such system and for other costs relative to the construction thereof.

14. User fees would be charged to the residents and/or property owners of the district in order to repay the amount of

such bonds and in order to operate and maintain such system.

WHEREFORE, Petitioner would request that the Department of Environmental Management determine this petition to be sufficient, and that pursuant to I.C. 13-3-2-4 that agency appoint a hearing officer, who shall then proceed to act upon this petition as required by law.

Dated this 5th day of August, 1991.

SWITZERLAND COUNTY COUNCIL

Michael L. Jones, President

Earl Conner

Donald Covington

Kenneth Griffin

Chester James

William Levell

Charles Seymour

SWITZERLAND COUNTY COMMISSIONERS

Gary L. Scott, President

Robert P. Bovard

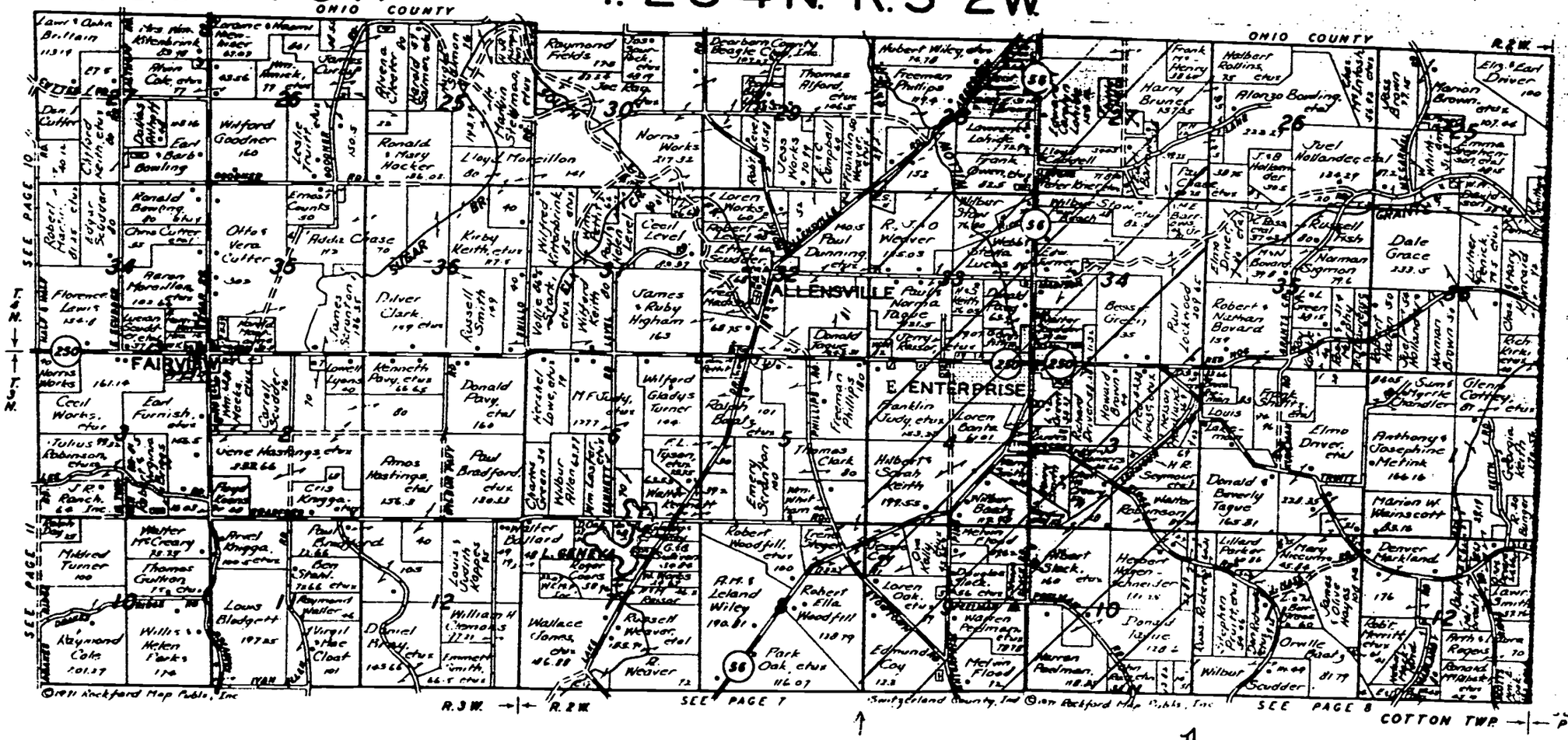
Raymond Clifton

INDIANA DEPARTMENT OF NATURAL RESOURCES

Director

WEST PART COTTON

T. 2-3-4 N.–R. 3-2W.



EAST ENTERPRISE SEWAGE DISTRICT
SWITZERLAND COUNTY, INDIANA

1. DESIGN CONSIDERATIONS

Design Flow:

100 families @ 300 GPD
School: 500 population @ 15 GPD
Plastics Factory: 100 employees @ 15 GPD

Peak average design flow equals:	70 GPM	100 families
	40 GPM	School
	30 GPM	Factory
Total	140 GPM	
Plus 100% growth =	280 GPM	

2. LIFT STATION

Static Head

Lagoon elevation:	892 Ft.
Lift station elevation:	860 Ft.
Static head:	32 Ft.
Friction head (6" main): (4 ft./1000 ft.)	40 Ft.
Total pumping head =	72 Ft.

Lift station #1 to be Meyers WG-5-, 5 HP, duplex-110 GPM 72 Ft. head. (NOTE: 2-5 HP stations to be installed)

3. LIFT STATION #2 (SCHOOL)

Static Head

Discharge manhole elevation:	885 Ft.
Lift station elevation:	860 Ft.
Static Head:	25 Ft.
Friction head (4" main): 70 GPM (3 ft./1000 ft.)	9 Ft.
Total head:	34 Ft.

Lift station #2 to be Meyers WG-50, 5 HP, duplex 90 GPM at 80 Ft. head capacity.

4. LIFT STATION #3 (PLANT & MOBILE HOME PARK)

Static Head

Discharge manhole elevation:	885 Ft.
Lift station elevation:	860 Ft.
Static Head:	25 Ft.
Friction head (4" main): 70 GPM (3 ft./1000 ft.)	9 Ft.
Total head:	34 Ft.

Lift station #2 to be Meyers WG-50, 5 HP, duplex 90 GPM at 80 Ft. head capacity.

5. LIFT STATION #4 (HWY 250 WEST)

Static Head

Discharge elevation:	885 Ft.
Lift station elevation:	875 Ft.
	10 Ft.
4" force main @ 80 GPM =	6 Ft.
Total Head	16 Ft.

Use 3 HP, 4" force main 80 GPM capacity.

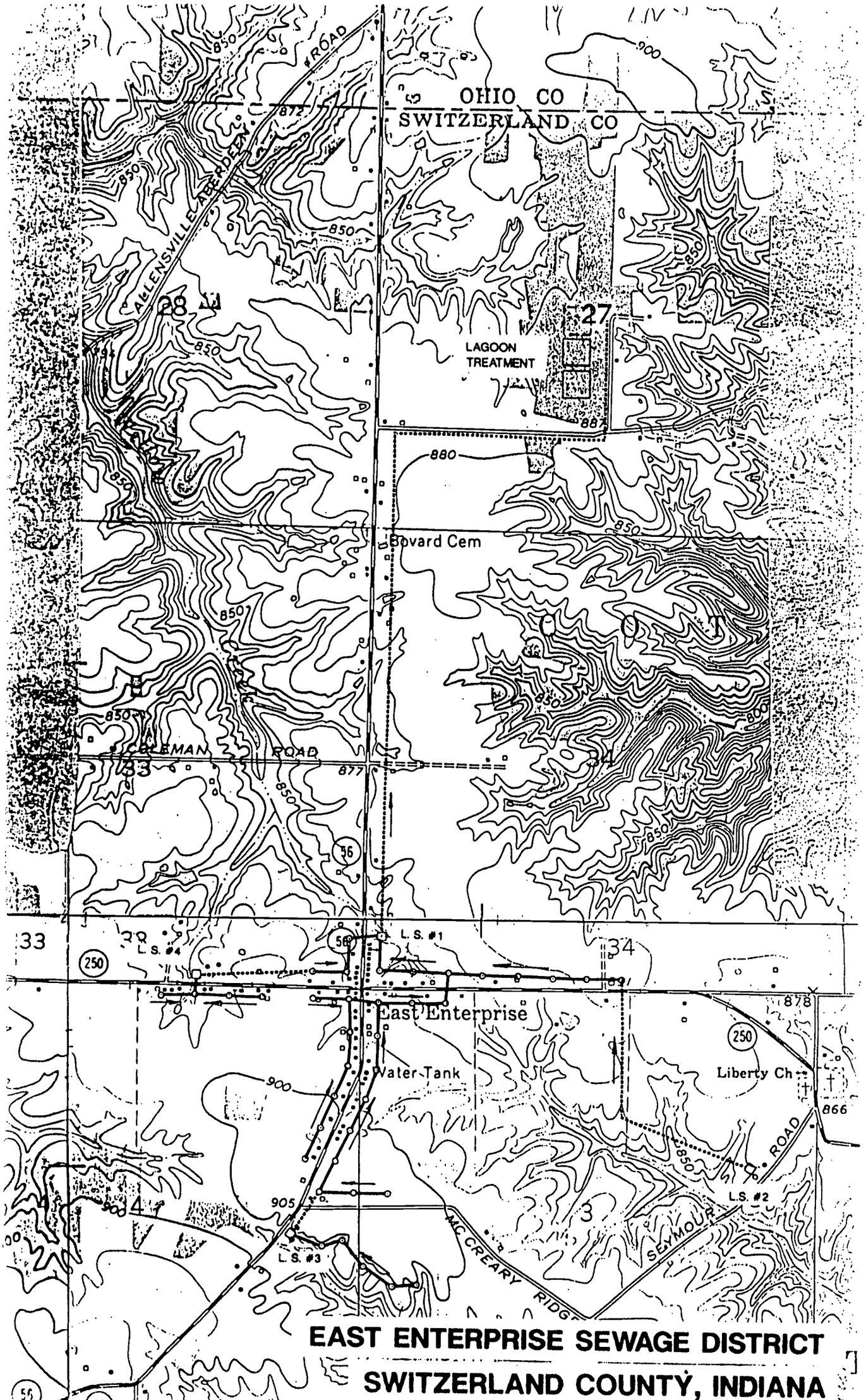
6. COST ESTIMATE

1. 8" sewers, 14,000 ft. @ $15.00 =	$210,000.00
2. 6" force main, 10,000 ft. @ $6.00 =	60,000.00
3. 4" force main, 5,000 ft. @ $4.00 =	20,000.00
4. Manholes, 38 @ $2,000.00 =	76,000.00
5. Two cell lagoon =	120,000.00
6. 5 lift stations @ $20,000.00 =	100,000.00
Total construction cost:	$586,000.00
7. Non-construction cost:	
25% X $586,000.00 =	$146,000.00
TOTAL PROJECT COST:	$732,000.00

Respectfully submitted

Hoosier Consultants of Madison

Eugene L. O'Brien



EAST ENTERPRISE SEWAGE DISTRICT

SWITZERLAND COUNTY, INDIANA