TECHNICAL REVIEW OF PLANS AND SPECIFICATIONS
FOR SEWAGE AND WASTE TREATMENT SYSTEMS

PROJECT DATA

1. Type of Facility: Multi-Family Project
   (Treatment plant, interceptor, pumping station, additions, etc.)
2. Location: 0, 46-84 South Linden Avenue - Amherst, New York
3. Type of sewer system: Seperate
   (separate or combined)
4. Population to be immediately served: 28 residential units

   Design Population: 28 residential units
5. Design Period: 2025
6. Hydraulic Loading

	Present flow (mgd)	Design flow (mgd)
Sanitary sewage	0.0	0.005
Institutional sewage	0.0	0.0
Industrial waste	0.0	0.0
Infiltration	0.0	0.0
Total	0.0	0.005
Minimum flow	0.0	0.0
Maximum flow	0.0	0.023

Engineer's Signature and Seal:

92-15-8(5/77)
Formerly
BMW-65(11/73)

ENGINEERING REPORT - SEWER SYSTEM

Ref.	Point Under Review	Standard	This Project	Remarks
11.	Does the engineering report include a tabular form giving depths and velocities of flow at minimum, average, and maximum daily sewage flows for all sewers proposed?	yes	N/A	
	If the project is for sewer extensions only, is the engineering report prepared in accordance with section 11.1 and 11.2? The report should state:	yes		
	(1) Name and exact location of the treatment plant to which the proposed sewer extensions will be tributary.	-	Town of Amherst WWTP	
	(2) Present average daily sewage flow received by the plant.	-		unknown
	(3) Design flow and the design year for the plant.	-		unknown
	(4) The date when the permit for the plant was issued.	-	11/1/15	

OUTFALL SEWERS

Ref.	Point Under Review	Standard	This Project	Remarks
55.	Is the outfall sewer submerged?	yes	N/A	
	Is the discharge end of the outfall sewer extended into the middle of the receiving stream?	yes	N/A	
	Are diffusion facilities provided?	yes	N/A	

Remarks including explanation of departures from standard practice:

SEWER SYSTEM

Ref.*	Point Under Review	Standard	This Project	Remarks
31.	Is the proposed sewer system separate or combined?	separate	seperate	
	Does sewage overflow from proposed intercepting sewers?	no	no	
32.	Is sewer system designed for estimated ultimate tributary population?	yes	yes	
33.	Are sewers sized to meet requirements of sections 32, 33.1, 33.2 and 33.3?	yes	yes	
11.24	What average unit sewage flow (gpcd) is proposed for design?	100 gpcd	110 gpd/bdrm	per NYSDEC standards
33.1	What is maximum diameter of sewers?	8″	6"	
33.2	Are sewers designed deep enough to drain all basements and to prevent freezing?	yes	yes	
33.4	Will all sewers be constructed at or greater than the specified minimum gradient?	yes	yes	
	Does the design comply with requirements stated in subsections 33.4, 33.5, 33.6, 33.7, and 33.8?	yes	yes	
34.	Are manholes designed and specified according to Section 34?	yes	N/A	
34.3	What is minimum manhole diameter?	48″	N/A	
35.	Are inverted siphons, if any, designed in accordance with Section 35?	yes	N/A	
38.	Where water lines are close to proposed sewers, does design protect water supplies according to Section 38?	yes	yes	

Remarks including explanation of departures from standard practice:

* Reference numbers refer to numbers of Sections and Paragraphs of Great Lakes - Upper Mississippi River Board of State Sanitary Engineers 1990 Edition, Recommended Standards for Sewage Works.

SEWER SYSTEM

Location of Sewer (name of street)	Total Length (feet)	Dia. (in.) and Material	Min. & Max. slope (%)	Min. & Max. Depth (feet)	Max. Manhole Interval (feet)	Remarks
	337	6" PVC	1.0%	5' / 7'		PRIVATE