

TITLE 18. ENVIRONMENTAL QUALITY
CHAPTER 9. DEPARTMENT OF ENVIRONMENTAL QUALITY
ARTICLE 3. AQUIFER PROTECTION PERMITS
PART E. TYPE 4 GENERAL PERMITS

R18-9-E301. 4.01 General Permit: Sewage Collection Systems

D. Design requirements.

6. Depressed sewers. An applicant shall:

- a. Size the depressed sewer to attain a minimum velocity of 3 feet per second through all barrels of the depressed sewer when the flow equals or exceeds the design daily peak dry weather flow,
- b. Design the depressed sewer to convey the sewage flow through at least two parallel pipes at least 6 inches in diameter,
- c. Include an inlet and outlet structure at each end of the inverted sewer,
- d. Design the depressed sewer so that the barrels are brought progressively into service as flow increases to its design value, and
- e. Design the depressed sewer to minimize release of odors to the atmosphere.