

## Subchapter 18E –Wastewater Treatment and Dispersal Systems

### Section .0100 – General

- .0101 – Scope {.1934}
- .0102 – Applicability {.1961}
- .0103 – Incorporation by Reference {new}
- .0104 – Abbreviations {new}
- .0105 – Definitions {.1935}

### Section .0200 – Permits {.1937}

- .0201 – General {new}
- .0202 – Application {.1937(a), (b), (c), (d), and (e)}
- .0203 – Improvement Permit {.1937(f) and (m)}
- .0204 – Construction Authorization {.1937(g) and (h)}
- .0205 – Operation Permit {.1937(i) and (j)}
- .0206 – Existing System Approvals for Reconnections and Property Additions {.1937(k) and new}
- .0207 – Engineer Option Permit {.1971}

### Section .0300 – Responsibilities {.1938}

- .0301 – Owners {.1938(b), (h), and (j)}
- .0302 – Local Health Department and State {.1938(a), (e), (f), and (g), .1964}
- .0303 – Licensed or Certified Professionals {.1938(c) and (d)}
- .0304 – Submittal Requirements for Plans, Specifications, and Reports Prepared by Licensed Professionals for Systems Over 3,000 Gallons/Day {.1938(c), .1946(4)}
- .0305 – Submittal Requirements for Plans, Specifications, and Reports Prepared by Licensed Professionals for Systems Less Than or Equal to 3,000 Gallons/Day {new/current guidance document}

### Section .0400 – Design Daily Flow and Effluent Characteristics {.1949}

- .0401 – Design Daily Flow {.1949(a) and (b)}
- .0402 – Effluent Characteristics {new}
- .0403 – Adjustments to Design Daily Flow {.1949(c)}

### Section .0500 – Soil and Site Evaluation

- .0501 – Site Evaluation {.1939}
- .0502 – Topography and Landscape Position {.1940, .1956(5)}
- .0503 – Soil Morphology {.1941}
- .0504 – Soil Wetness Conditions {.1942}
- .0505 – Soil Depth to Rock, Saprolite, or Parent Material {.1943}
- .0506 – Saprolite {.1956(6)}
- .0507 – Restrictive Horizons {.1944}
- .0508 – Available Space {.1945}
- .0509 – Site Suitability and Classification {.1947, .1948}
- .0510 – Special Site Evaluations {.1970(p)}

### Section .0600 – Location of Wastewater Systems {.1950}

- .0601 – Location of Wastewater Systems {.1950}
- .0602 – Applicability of Setbacks {.1951}

### Section .0700 – Collection Sewers, Raw Sewage Lift Stations, and Pipe Materials

- .0701 – Collection Sewers {.1955(o)}
- .0702 – Raw Sewage Lift Stations {.1952(e)}
- .0703 – Pipe Materials {.1955(e) and (f)}

Section .0800 – Tank Capacity, Leak Testing, and Installation Requirements

- .0801 – Septic Tank Capacity Requirements {.1952(b)(1)}
- .0802 – Pump Tank Capacity Requirements {.1952(c)}
- .0803 – Grease Tank Capacity Requirements {.1955(k)}
- .0804 – Siphon Tank Capacity Requirements {.1952(d)}
- .0805 – Tank Structural Integrity and Leak Testing Requirements {new}
- .0806 – Tank Installation Requirements {.1955(a)}

Section .0900 – Subsurface Dispersal

- .0901 – General Design and Installation Criteria for Subsurface Dispersal Systems {.1955(b), (c), (i), (j), (l), (m), and (p). .1956(6)}
- .0902 – Conventional Wastewater Systems {.1955(a), (b),.1956(1)}
- .0903 – Bed Systems {.1955 (d)}
- .0904 – Large Diameter Pipe Systems {.1956(3)(a)(i)}
- .0905 – Prefabricated Permeable Block Panel Systems {.1956(3)(a)(ii)}
- .0906 – Sand Lined Trench Systems {.1956(7)}
- .0907 – Low Pressure Pipe Systems {.1957(a)}
- .0908 – Drip Dispersal Systems {new}
- .0909 – Fill Systems {.1957(b)}
- .0910 – Artificial Drainage Systems {.1956(2) and (4)}
- .0911 – Privies {.1958(a), .1959, .1960}

Section .1000 – Non-Ground Absorption Wastewater Treatment Systems

- .1001 – Alternative Toilets {.1958(c)}
- .1002 – Wastewater Recycle/Reuse {.1958(d)}

Section .1100 – System Dosing and Controls

- .1101 – General System Dosing Requirements {.1952(a)}
- .1102 – Pump Dosing {.1952(b)(2-5)(8-9)}
- .1103 – Control Panels {.1952(b)(6-7)}
- .1104 – Siphon Dosing {.1952(d)}
- .1105 – Timed Dosing {new}
- .1106 – Pressure Dosed Gravity Distribution Devices {new}

Section .1200 – Advanced Pretreatment Systems Standards, Siting, and Sizing Criteria {.1970}

- .1201 – Advanced Pretreatment System Standards {.1970(a)}
- .1202 – Siting and Sizing Criteria for Systems with a Design Daily Flow Less Than or Equal to 1,500 Gallons/Day {.1970(d), (e), and (f)}
- .1203 – Siting and Sizing Criteria for Systems with a Design Daily Flow Greater than 1,500 Gallons per day and less than or Equal to 3,000 Gallons per day {new}
- .1204 – Advanced Pretreatment Drip Dispersal Systems {new}
- .1205 – Advanced Pretreatment Sand Lined Trench Systems {.1956(7)}
- .1206 – Advanced Pretreatment Bed Systems {.1970(i) and (j)}
- .1207 – Site and System Compliance Criteria for Advanced Pretreatment Systems {.1970(n0)}

Section .1300 – Operation and Maintenance {.1961 and .1970(m), (n), and (o)}

- .1301 – Operation and Maintenance of Wastewater Systems {.1961(b), (f), (h), and (i)}

- .1302 – Operation and Maintenance of Advanced Pretreatment Systems {.1970(m), (n), and (o)}
- .1303 – Owner Responsibilities for Wastewater System Operation and Maintenance {.1961(a) and (e)}
- .1304 – Management Entity Responsibilities for Wastewater System Operation and Maintenance  
{.1961(c), (f), (g), and (k), .1970(n)}
- .1305 – Local Health Department Responsibilities for Wastewater System Operation and Maintenance  
{.1961(c), (d), and (j), .1970(n)}
- .1306 – System Malfunction and Repair {.1958(b), .1961(l) and (m)}
- .1307 – Wastewater System Abandonment {new}

#### Section .1400 – Approval of Tanks and Appurtenances

- .1401 – Plans for Prefabricated Tanks {.1953}
- .1402 – Tank Design and Construction {.1954}
- .1403 – Tank Material Requirements {.1954 and new}
- .1404 – Plans for Risers, Effluent Filters, and Pipe Penetrations {new}
- .1405 – Risers, Effluent Filters, and Pipe Penetration Approval Renewal {new}
- .1406 – Modification, Suspension, and Revocation of Approvals {.1954}

#### Section .1500 – Approval and Use of Residential Wastewater Treatment Systems {.1957(c)}

- .1501 – General
- .1502 – Application {.1957(c)(1)}
- .1503 – Design and Construction Standards {.1957(c)(3)}
- .1504 – Effluent Sampling Requirements for Residential Wastewater Treatment Systems {.1970(n)}
- .1505 – Residential Wastewater Treatment System Approval Renewal {new}

#### Section .1600 – Approval and Use of Pre-Engineered Package Drip Dispersal Systems {new}

- .1601 – General {new/innovative drip approvals}
- .1602 – Design and Construction Standards {new/innovative drip approvals}
- .1603 – Drip Dispersal System Testing {new/innovative drip approvals}

#### Section .1700 – Approval and Permitting of Wastewater Systems, Technologies, Components, or Devices {.1969}

- .1701 – General {.1969(a)}
- .1702 – Application {.1969(b)}
- .1703 – Department and Commission Application Review {.1969(c)}
- .1704 – Approval Criteria for Provisional Systems {.1969(e)}
- .1705 – Approval Criteria for Innovative Systems {.1969(g)}
- .1706 – Approval Criteria for Accepted Systems {.1969(h)}
- .1707 – Design and Installation Criteria for Provisional, Innovative, and Accepted Approvals {.1970(l)}
- .1708 – Modification, Suspension, and Revocation of Approvals {.1969(j), (k), and (l)}
- .1709 – Effluent Sampling Requirements for Advanced Pretreatment Systems {.1970(n)}
- .1710 – System Compliance Criteria for Advanced Pretreatment Systems {.1970(o)}
- .1711 – Provisional and Innovative Approval Renewal {new}
- .1712 – Authorized Designers, Installers, and Management Entities {.1969(o), .1970(l) and new}
- .1713 – Local Health Department Responsibilities {.1969(f), (i), (m), and (p)}