DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF WATER AND RADIOLOGICAL PROTECTION

MOBILE HOME PARKS AND SEASONAL MOBILE HOME PARKS

(By authority conferred on the department of public health by section 6 of Act No. 419 of the Public Acts of 1976, as amended, and section 2233 of Act No. 368 of the Public Acts of 1978, as amended, being §§125.1106 and 333.2233 of the Michigan Compiled Laws)

PART 1. GENERAL PROVISIONS

R 325.3311 Definitions.

Rule 11. (1) As used in these rules:

- (a) "Act" means Act No. 419 of the Public Acts of 1976, as amended, being §125.1101 et seq. of the Michigan Compiled Laws, and known as the mobile home commission act.
 - (b) "Alteration" means the modification of an existing mobile home park.
- (c) "Certified operator" means an individual holding a certificate to operate a specific type facility such as a water supply system or sewerage system under a recognized state certification program.
- (d) "Garbage" means food wastes, including waste accumulation of animal, fruit, or vegetable matter used or intended for food or that attend the preparing, using, cooking, dealing in, or storing of meat, fish, fowl, fruit, or vegetables.
- (e) "Health aspects" means the water supply system, sewage collection and disposal system, drainage, insect and rodent control, garbage and rubbish storage and disposal, and general operation, maintenance, and safety, either jointly or severally, as included in these rules.
 - (f) "Health department" means the Michigan department of public health.
- (g) "Health director" means the director of the Michigan department of public health or his or her authorized agent or representative.
- (h) "Health officer" means the administrative officer of an approved city, county, or district board or department of health or his or her authorized representative.
- (i) "Hydraulic grade line" means a line joining points whose vertical distances from the centroid of the cross section of the stream flowing in a closed channel are proportional to the pressures in the pipe at the point, or in an open-channel, the flow lies in the surface of the stream.
 - (j) "Local health department" means a city, county, or district health department.
- (k) "Pad" means that part of a mobile home site specifically designated for the placement of a mobile home.

- (l) "Public sanitary sewer district" means a legally defined area within which sanitary sewer service is provided or will be provided for use by the public pursuant to a duly adopted and published plan.
- (m) "Rubbish" means nonputrescible solid wastes, except ashes, consisting of either combustible or noncombustible wastes, such as paper, cardboard, metal containers, yard clippings, wood, glass, bedding, crockery, demolished building materials, or litter of any kind that may be a detriment to the public health and safety.
- (n) "Sanitary sewer system" means the pipes, structures, conduits, manholes, pumping stations and appurtenances, collectively or severally, used or intended for the use of collecting, conveying, or transporting of domestic wastes to a treatment facility.
- (o) "Sewage treatment and disposal system" means the sewage treatment works, structures, equipment, and appurtenances used or intended for use for the purpose of treatment and disposal of domestic waste discharged from a mobile home park sanitary sewer system.
- (p) "Sewerage system" means the sanitary sewer system and the sewage treatment and disposal facility.
- (q) "Water supply system" means a system of pipes and structures through which water is obtained and distributed, including, but not limited to, wells and well structures, pumping systems, treatment plants, storage tanks, pipelines, and appurtenances, or a combination thereof, used or intended to be used to furnish water for drinking or household purposes.
 - (2) Terms defined in the act have the same meanings when used in these rules.

R 325.3312 Authorized representatives of the health department and the health director.

Rule 12. A health officer is an authorized representative of the health department and the health director.

History: 1980 AACS.

R 325.3313 Reimbursement agreement with local health departments.

Rule 13. The health department may enter into agreements with local health departments for reimbursement and other aspects of services performed under the act or these rules.

History: 1980 AACS.

R 325.3314 Investigation; inspection of mobile home park premises.

Rule 14. (1) The health department may make investigations it considers necessary to determine if a person violated or is about to violate the act or these rules or an order issued under the act. The health department may inspect any mobile home

park or seasonal mobile home park premises falling within the provisions of the act and rules promulgated pursuant to the provisions of the act.

(2) The local health department may inspect a mobile home park or seasonal mobile home park premises upon request of the health department and as otherwise provided in the act.

History: 1980 AACS; 1984 AACS.

PART 2. WATER SUPPLY SYSTEMS

R 325.3321 Mobile home park or seasonal mobile home park water system requirements; water system classification.

- Rule 21. (1) A mobile home park or seasonal mobile home park water system shall meet the requirements as prescribed by Act No. 399 of the Public Acts of 1976, being §325.1001 et seq. of the Michigan Compiled Laws, and the rules promulgated pursuant to that act, being R 325.10101 et seq. of the Michigan Administrative Code.
- (2) A mobile home park or seasonal mobile home park water system serving or intended to serve 15 or more mobile home sites or service connections or regularly serving an average of not less than 25 individuals daily is a type I system.
- (3) A mobile home park or seasonal mobile home park water system serving or intended to serve less than 15 mobile home sites or service connections or regularly serving an average of less than 25 individuals daily is a type III system.
- (4) A mobile home park or seasonal mobile home park shall be served by a common water supply system.
- (5) A site in a mobile home park or seasonal mobile home park shall be provided with an individual water service connection.

History: 1980 AACS; 1984 AACS.

PART 3. SEWAGE COLLECTION AND DISPOSAL SYSTEM

R 325.3331 Sewer design and installation.

- Rule 31. (1) A sanitary sewer system shall be designed on the basis of an average daily flow of sewage of not less than 200 gallons per mobile home site per day.
- (2) A sanitary sewer shall have sufficient capacity to accommodate the maximum hourly sewage flow from the portion of the mobile home park or seasonal mobile home park being served and shall not be less than 4 inches in diameter.
- (3) A sanitary sewer shall be installed at a sufficient depth to prevent freezing and at a sufficient slope to maintain a velocity of 2 feet per second at design flow. The following minimum slopes shall be provided, although greater slopes are preferred where possible:

Minimum Slope in Feet/100 Feet

Sewer Size

4 inch	1.20
6 inch	0.60
8 inch	0.40
10 inch	0.28
12 inch	0.22
14 inch	0.17

- (4) A sanitary sewer shall be installed with straight alignment between manholes.
- (5) A manhole shall be installed at the end of each sewer line, at all changes in grade, size, or alignment, at all intersections, and at distances of not more than 400 feet along sewers. A drop pipe shall be provided for a sanitary sewer entering a manhole at an elevation 24 inches or more above the manhole invert. A cleanout may be substituted for a manhole at the end of a lateral not more than 150 feet in length. The flow channel through a manhole shall conform in slope and shape to that of the sanitary sewers.
- (6) A sanitary sewer shall be designed to prevent damage from superimposed loads. Proper allowance for loads on the sanitary sewer shall consider the width and depth of trench. When standard strength sewer pipe is not sufficient, extra strength pipe or special construction technique shall be used.
- (7) Leakage tests shall be specified by the engineer for sewer construction. Leakage outward or inward shall not exceed 200 gallons per inch of pipe diameter per mile per day.
- (8) There shall be no connection between a mobile home park or seasonal mobile home park water system and a sanitary sewer. A sanitary sewer or individual sewer service line shall not be laid within 10 feet horizontally of a waterline.
- (9) Where a sanitary sewer line crosses a waterline, there—shall—be—a minimum of 12 inches of clear vertical isolation distance between the two. Where conditions require less vertical isolation, the sanitary sewer—line shall be encased in concrete for 5 feet each side—of—the—crossing. One full length of waterline—shall—be—centered—over—the sanitary—sewer crossing.
- (10) A mobile home sanitary sewer service connection shall incorporate a p-trap installed at a sufficient depth to prevent freezing. The p-trap and riser pipe shall be constructed of cast iron or schedule 40 plastic pipe. The riser shall terminate not less than 4 inches above final grade and shall be located not closer than 5 feet from a water service riser. A riser shall be securely capped when not in use.
- (11) A mobile home park or seasonal mobile home park shall be served by a common sanitary sewer system.
- (12) A site in a mobile home park or seasonal mobile home park shall be provided with an individual sewer connection.

R 325.3332 Design of sewage treatment facilities.

Rule 32. (1) When a mobile home park or seasonal mobile home park sanitary sewer system is not connected to a municipally owned sanitary sewer system, a sanitary sewerage system approved by the health department shall be provided.

(2) The publication entitled "Recommended Standards for Sewage Works," 1978 edition, as published by the Great Lakes-upper Mississippi river board of state sanitary engineers, shall be used as a standard for the design of sewage treatment facilities. These standards are available for inspection at the health department offices in Lansing and Escanaba and are available for purchase at the Michigan Department of Public Health, P.O. Box 30035, Lansing, Michigan 48909, and from the Health Education Service, P.O. Box 7283, Albany, New York 12224, at a cost of \$1.75.

History: 1980 AACS; 1984 AACS.

R 325.3333 Certified operator.

Rule 33. A sewage treatment and disposal system other than septic tank-subsurface disposal systems shall be under the supervision of an operator certified pursuant to Act No. 245 of the Public Acts of 1929, as amended, being §323.1 et seq. of the Michigan Compiled Laws or Act No. 98 of the Public Acts of 1913, as amended, being §325.201 et seq. of the Michigan Compiled Laws.

History: 1980 AACS.

R 325.3334 Wastewater discharge.

Rule 34. (1) A person proposing to discharge treated wastewater to the waters of the state shall comply with the provisions of Act No. 245 of the Public Acts of 1929, as amended, being §323.1 et seq. of the Michigan Compiled Laws.

(2) A mobile home park or seasonal mobile home park sewage disposal system other than a septic tank subsurface disposal system of less than 10,000 gallons per day shall be under permit from the water resources commission.

History: 1980 AACS; 1984 AACS.

R 325.3335 Operation and maintenance of sewerage systems.

Rule 35. (1) The owner of a mobile home park or seasonal mobile home park shall designate a certified operator to be in charge of the day-to-day operation and disposal facility and shall notify the and maintenance of each treatment health department in writing of the designation, including the address and thereof. The operator shall be certified by the water resources telephone number commission as required by section 6a of Act No. 245 of the Public Acts of 1929, as amended, being §323.6a of the Michigan Compiled Laws, or by the department of natural resources, water quality division, under Act No. 98 of the Public Acts of 1913, as amended, being §325.201 et seq. of the Michigan Compiled Laws. The certified operator shall become fully familiar with all facilities and equipment and shall train selected subordinate employees, as appropriate, both before and after the facility starts up. The health department shall be provided with the names designated of employees. A certified operator is not required for septic tank subordinate subsurface disposal systems.

- (2) Sewerage systems shall be operated and maintained at all times as efficiently as possible in a manner that precludes discharges of excessive pollutants, prevents creation of a public health hazard or nuisance condition, and complies with all discharge permit limitations.
- (3) Each month, the certified operator shall file with the health department, on forms prescribed by the health department, operating reports showing the effectiveness of the treatment facility operation and the quantity and quality of liquid wastes discharged.
- (4) The owner of a mobile home park or seasonal mobile home park shall prepare or cause to be prepared an operation and maintenance manual for a treatment and disposal system or for an expansion to or modification of an existing sewage treatment and disposal system which shall be used by the operator of the facility as a guide for facility operation and maintenance. The manual shall describe the function, start-up, shutdown, and periodic maintenance procedures for each unit process and each item of mechanical and electrical equipment. The appropriate responses or facility adjustments to minimize the impact of emergency situations shall be described so as to facilitate rapid implementation of a correct response during emergencies. A copy of the operation and maintenance manual shall be submitted to the health department for review, approval, and filing 60 days before the starting date of the operation. An owner of an existing mobile home park or seasonal mobile home park shall provide the operation and maintenance manual not later than 1 year from the effective date of these rules.
- (5) If a breakdown or emergency results in the discharge of pollutants from the facilities used for collection, transportation, or treatment of wastes, in excess of those authorized, the owner shall take all measures necessary to correct the problem and eliminate the discharge.
- (6) The owner of a sanitary sewerage system that discharges or permits to be discharged excessive pollutants to the water of the state or to the surface of the ground as a result of a facility breakdown or emergency shall promptly notify the health department, the local health department, and the municipality. The notice shall be supplemented by a written report filed with the health department, the local health department, and the municipality within 72 hours, outlining the cause, its discovery, and the corrective actions taken to minimize adverse impact to the waters of the state, to restore facilities to operative condition, and to eliminate the need for future diversion or bypass. This rule does not supersede, rescind, or otherwise alter any other procedure, rule, or statute pertaining to pollution of the waters of the state.

PART 4. DRAINAGE

R 325.3341 Floodplain limits.

Rule 41. A mobile home park or seasonal mobile home park shall be well drained. A pad, a sewage treatment and disposal system, a dwelling unit, and a park maintenance and service building shall be above the elevation of the contour defining the floodplain limits for a hypothetical flood having a recurrence frequency of once

in about 100 years. No portion of a street that provides access to a site in a mobile home park or seasonal mobile home park shall be at an elevation lower than 1 foot below the elevation of the 100-year contour.

History: 1980 AACS; 1984 AACS.

R 325.3342 Design of storm sewer.

Rule 42. A mobile home park or seasonal mobile home park storm sewer shall be designed to comply with the written rules regarding the outlet drainage limitations established by the county drain commissioner or applicable drain authority.

History: 1980 AACS; 1984 AACS.

R 325.3343 Design of storm water drainage system; removal of excess storm water runoff.

Rule 43. The storm water drainage system in a mobile home park or seasonal mobile home park shall be designed to remove excess storm water runoff during any rainfall having an intensity and recurrence frequency equivalent to a 10-year storm. The design storm shall be verified from local rainfall records when available.

History: 1980 AACS; 1984 AACS.

R 325.3344 Hydraulic grade line.

Rule 44. The established hydraulic grade line for a storm water collection system based on the requirements of R 325.3342 and R 325.3343 shall be shown on the plans. The hydraulic grade line shall not exceed the elevation of the catch basin inlet castings or the overflow rim of open drains.

History: 1980 AACS.

R 325.3345 Storm water pumping or retention ponds.

Rule 45. Storm water pumping or retention ponds may be used in park drainage systems. Where storm water pumping or a storm water retention pond is provided, the design shall meet the requirements of R 325.3342, R 325.3343, and R 325.3344.

History: 1980 AACS.

R 325.3346 Storm water collection system; design requirements.

Rule 46. A storm water collection system shall meet or exceed the following minimum design requirements:

- (a) A storm water collection pipe shall be not less than 8 inches in diameter.
- (b) A minimum velocity of 2.5 feet per second shall be provided.

History: 1980 AACS.

R 325.3347 Rescinded.

History: 1980 AACS; 1984 AACS; 2008 AACS.

R 325.3348 Rescinded.

History: 1980 AACS; 2008 AACS.

R 325.3349 Rescinded.

History: 1980 AACS; 2008 AACS.

PART 5. GARBAGE AND RUBBISH STORAGE AND DISPOSAL

R 325.3351 Rescinded.

History: 1980 AACS; 1984 AACS; 2008 AACS.

R 325.3352 Transfer and disposal.

Rule 52. The transfer and disposal of garbage and rubbish from a mobile home park or seasonal mobile home park shall be as prescribed by Act No. 641 of the Public Acts of 1978, as amended, being §299.401 et seq. of the Michigan Compiled Laws, and known as the solid waste management act.

History: 1980 AACS; 1984 AACS.

R 325.3353 Rescinded.

History: 1980 AACS; 1984 AACS; 2008 AACS.

R 325.3354 Incineration.

Rule 54. The incineration of garbage and rubbish from a mobile home park or seasonal mobile home park shall be as prescribed by Act No. 348 of the Public Acts of 1965, as amended, being §336.11 et seq. of the Michigan Compiled Laws, and Act No. 641 of the Public Acts of 1978, as amended, being §299.401 et seq. of the Michigan Compiled Laws.

PART 6. INSECT AND RODENT CONTROL

R 325.3361 Rescinded.

History: 1980 AACS; 1984 AACS; 2008 AACS.

R 325.3362 Pesticides.

Rule 62. The use of pesticides for the control of insects and rodents in a mobile home park or seasonal mobile home park shall be as prescribed by Act No. 171 of the Public Acts of 1976, being \$286.551 et seq. of the Michigan Compiled Laws, and the federal insecticide, fungicide, and rodenticide act of 1972, as amended, 7 U.S.C. \$136 et seq.

History: 1980 AACS; 1984 AACS.

R 325.3363 Rescinded.

History: 1980 AACS; 2008 AACS.

PART 7. GENERAL OPERATION, MAINTENANCE, AND SAFETY

R 325.3371 Rescinded.

History: 1980 AACS; 1984 AACS; 2008 AACS.

R 325.3372 Rescinded.

History: 1980 AACS; 1984 AACS; 2008 AACS.

R 325.3373 Maintenance of utility connections.

Rule 73. (1) The utility connection between the point of connection to the mobile home park or seasonal mobile home park utility system and the connection to the mobile home shall be considered a part of the park utility system for the purpose of maintenance. Upon discovery of the failure or leakage of, or damage to, the connection, the park manager shall notify the mobile home owner in writing of the need for repair. If the mobile home owner fails to make the necessary repair within 10 days of receipt of the notice, the park manager shall cause the repairs to be

completed and the mobile home owner may be assessed the cost of the repairs as an addition to the monthly rental charge.

- (2) The following items shall be included under the provisions of this rule:
- (a) The connecting sewer pipe from the sewer service riser to the mobile home.
- (b) The connecting water service pipe from the water service riser to the mobile home.
- (c) The connecting electrical service line from the electrical pedestal to the mobile home.
- (d) The connecting fuel service line from the service meter to the mobile home.
- (3) If the existing utility connection cannot be repaired, it shall be replaced pursuant to R 125.1603 of the Michigan Administrative Code.

History: 1980 AACS; 1984 AACS.

R 325.3374 Safety equipment.

Rule 74. The licensee of a mobile home park or seasonal mobile home park containing facilities in confined spaces, such as sewer manholes, sewage pumping stations, septic tanks, and well houses, shall provide safety equipment and training necessary to protect the safety and welfare of those personnel maintaining such equipment. Depending upon the nature of the hazard, required equipment may include, but shall not necessarily be limited to, toxic gas testing equipment, ventilation equipment, protective clothing, and hoists.

History: 1980 AACS; 1984 AACS.

PART 8. COORDINATION OF APPROVALS FOR CONSTRUCTION

R 325.3381 Preliminary plan approval.

Rule 81. (1) A person proposing to construct or increase the number of sites in a mobile home park or seasonal mobile home park shall submit a preliminary plan to the municipality, local health department, county road commission, and county drain commissioner pursuant to the provisions of section 11 of the act. The preliminary plan shall consist of, but shall not be limited to, the following:

- (a) The name and address of the applicant.
- (b) The legal description of the property.
- (c) A plan drawn to scale indicating all of the following:
- (i) The number and size of sites and the location of streets.
- (ii) The proposed location and method of sewage treatment and disposal and appropriate supporting data.
 - (iii) The source and location of the water supply.
 - (iv) The location of access to public roads.
 - (v) Drainage provisions.
 - (vi) Site features.

- (2) The local agency may require supporting data necessary to assure compliance with local codes and ordinances not in conflict with the act.
 - (3) The reviewing agency shall issue an approval in writing stating all conditions.

R 325.3382 Health department review of proposal.

Rule 82. A person proposing to construct a new mobile home park or seasonal mobile home park or increase the number of sites in a mobile home park or seasonal mobile home park shall submit a copy of each of the following to the health department for review:

- (a) An application for review and approval of the project, on a form provided by the health department.
- (b) A copy of the preliminary plan as approved by the municipality, local health department, county road commission, and county drain commissioner and a copy of the preliminary approvals from each agency.
- (c) Final plans and specifications detailing construction in accordance with the act and rules. Plans and specifications shall be prepared by an engineer or architect registered in Michigan.
 - (d) Supportive data to document specific design features.

History: 1980 AACS; 1984 AACS.

R 325.3383 Plan approval.

Rule 83. (1) A plan that complies with these rules shall be approved in writing. A copy of the approved plans and specifications and a copy of the written approval shall be sent to the department of commerce, the local health department, the municipality, and the applicant. One copy shall be maintained as a part of the health department's records. A copy of the written approval shall also be sent to the engineer or architect, county road commission, county drain commissioner, electrical inspector, and plumbing inspector.

- (2) Upon receipt of the application for approval, final plans, specifications, preliminary approvals, and supportive data, the health department shall review the plans for compliance with these rules.
- (3) A plan that does not comply with these rules shall not be approved. The health department shall notify the applicant, the engineer or architect, and the department of commerce that the plan is not approved and shall cite those aspects of the plan that do not comply.
- (a) The applicant may modify the plan as necessary to comply with these rules and resubmit the plan to the health department for review.
- (b) A plan that cannot be modified to comply with these rules shall not be approved. The health department shall notify the applicant, the engineer or architect, the department of commerce, the local health department, the municipality, the county drain commissioner, and the county road commission that the plan is denied.

History: 1980 AACS.

R 325.3384 Alterations or modifications.

Rule 84. (1) A person proposing to alter or modify an existing mobile home park or seasonal mobile home park that does not result in an increase in the number of sites shall notify the municipality, local health department, county road commission, county drain commissioner, the department of commerce, and the health department of the proposed construction. Notice shall include a description of the proposed construction, but need not include construction plans.

- (2) The municipality, local health department, county road commission, county drain commissioner, the department of commerce, and the health department shall review the proposal and notify the applicant within 30 days of any permit or approval requirements. The proposal shall be considered approved if the agencies do not respond within 30 days of receiving notice.
- (3) An alteration or modification involving a health aspect or health aspects shall not be constructed without written approval of the health department.
- (4) The health department may approve alteration or modification of the health aspects of a mobile home park or seasonal mobile home park without preliminary approval of local agencies in the following situations:
- (a) When alteration or modification is necessary to eliminate a hazard to health or safety.
- (b) When alteration or modification does not substantially alter mobile home park or seasonal mobile home park facilities.
- (c) When alteration or modification is proposed as a part of routine maintenance of mobile home park or seasonal mobile home park facilities.

History: 1980 AACS; 1984 AACS.

R 325.3385 Construction approval.

Rule 85. (1) Construction of mobile home park or seasonal mobile home park facilities under the provisions of these rules shall be made pursuant to approved plans, unless changes are approved in writing by the health department and the design engineer or architect before construction.

(2) An alteration to a mobile home park or seasonal mobile home park that involves only health aspects shall not require approval by the department of commerce, except as provided in R 325.3384(2). The approval issued pursuant to R 325.3384(3) shall be authorization to construct.

History: 1980 AACS; 1984 AACS.

PART 9. CERTIFICATION OF COMPLIANCE

R 325.3391 Initial certification of compliance.

- Rule 91. (1) A person requesting certification of a new mobile home park or seasonal mobile home park, or portion thereof, or an addition to an existing mobile home park or seasonal mobile home park shall submit all of the following to the department of commerce:
 - (a) A request for certification and the application for license.
- (b) An affidavit as prescribed by section 14 of the act. The affidavit shall attest that all health aspects are completed pursuant to the approved plans and specifications.
- (c) Certification from the state or local plumbing authority that the sewer system complies with the provisions of the state plumbing code, being R 408.30701 et seq. of the Michigan Administrative Code.
- (d) Certification from the state or local electrical authority that the electrical system complies with the regulations of the state electrical administrative board.
- (e) Two copies of the final plans (as built plans) submitted to the department of commerce pursuant to R 125.1913 of the Michigan Administrative Code.
- (2) Upon receipt of the required materials and the request for certification from the department of commerce, the health department shall arrange an inspection of the health aspects of the mobile home park or seasonal mobile home park. Once the inspection is completed and the inspection report is received, the health department shall review the proposal pursuant to R 325.3393.

R 325.3392 Annual inspection.

Rule 92. (1) An inspection of a mobile home park or seasonal mobile home park, as prescribed in section 17 of the act, shall be conducted annually to evaluate health aspects.

(2) An inspection report shall completely document the findings of the inspection.

History: 1980 AACS; 1984 AACS.

R 325.3393 Certification of status of compliance.

- Rule 93. (1) The initial certification of compliance indicating the park is licensable shall be issued by the department of health to the department of commerce if materials submitted pursuant to R 325.3391 document that the mobile home park or seasonal mobile home park is licensable.
- (2) The status of a mobile home park or seasonal mobile home park shall be reviewed annually. The review shall be based upon a completed annual inspection report and other pertinent information. The certification issued by the department of health shall contain 1 of the following recommendations:
 - (a) The mobile home park or seasonal mobile home park is licensable.
- (b) The mobile home park or seasonal mobile home park is licensable, provided that certain conditions are met. The conditions shall be listed on the certifications.

(c) The mobile home park or seasonal mobile home park is not licensable because of items of noncompliance. The items not in compliance with the act or rules shall be listed on the certification. The applicant shall be notified of the items of noncompliance.

History: 1980 AACS; 1984 AACS.