

plastic processors which are excluded from the definition of "solid waste facilities" in this section.

(106) "Proof of financial responsibility" means a bond, letter of credit, deposit, escrow account, trust account, net worth method, or other financial commitment made payable to or for the benefit of the department and approved by the department, ensuring that sufficient funds will be available to comply with the closure and long-term care requirements of chs. NR 500 to 520 and the approved plan of operation.

(107) "Putrescible waste" means solid waste which contains organic matter capable of being decomposed by microorganisms and of such a character and proportion as to be capable of supporting a vector population or attracting or providing food for birds.

(108) "Real dollars inpayments" means payments made by the facility owner, which increase each year at the rate of inflation, into a long-term care account.

(109) "Recharge zone" means an area in which there are downward components of hydraulic head in the aquifer.

(110) "Recycling" has the meaning specified in s. 144.44 (7) (a) 2, Stats.

(111) "Recycling facility" means a facility where waste is recycled and may include a facility where waste has been generated.

(112) "Refuse" has the meaning specified in s. 144.43 (4), Stats.

(113) "Registered professional engineer" means a professional engineer registered with the Wisconsin examining board of architects, professional engineers, designers and land surveyors.

(114) "Representative sample" means any sample of a universe or whole, such as groundwater or soils, which reliably exhibits the average properties of the universe or whole.

(114m) "Residue produced by burning municipal solid waste" means the residue produced in a municipal solid waste combustor designed and operated for controlled burning of solid wastes primarily to achieve volume and weight reduction or to change waste characteristics. This includes facilities such as boilers which also capture energy in the form of steam, electricity, heat, gas, oil or char from the burning of waste. Residue produced by burning municipal solid waste includes, but is not limited to, slag, ash, flyash, reacted and unreacted scrubber lime, and soot. Residue produced by burning municipal solid waste does not include bypass waste which is rejected prior to burning.

(115) "Run-off" means any rainwater, leachate or other liquid that drains over land, from any part of a solid waste facility.

(116) "Run-on" means any rainwater, leachate, or other liquid that drains over land onto any part of a solid waste facility.

(116m) "Salvageable material" means junk cars, machinery or equipment, scrap metal or other junk or scrap materials which are of further usefulness mainly as a raw material for reprocessing, or as imperfect stock from which replacement or spare parts can be extracted.

(117) "Saturated zone" means that part of the earth's crust in which all voids are filled with water excluding the capillary zone.

(118) "SCS" means the United States soil conservation service.

(119) "Seasonal population" means the seasonal transient population in addition to the year round population.

(120) "Sludge" means any solid, semi-solid or liquid waste generated from a municipal, commercial or industrial wastewater treatment plant, water supply treatment plant or air pollution control facility.

(121) "Small demolition facility" means a landfill with a design capacity of less than 50,000 cubic yards and used for the disposal of only demolition wastes.

(122) "Soil" means material that has been physically and chemically derived from the bedrock by nature.

(123) "Solid waste" has the meaning specified in s. 144.01 (15), Stats.

(124) "Solid waste disposal" has the meaning specified in s. 144.43 (4r), Stats.

(125) "Solid waste facility" has the meaning specified in s. 144.43 (5), Stats.

(126) "Solid waste storage" has the meaning specified in s. 144.43 (7g), Stats.

(127) "Solid waste treatment" has the meaning specified in s. 144.43 (7r), Stats.

(128) "Specific conductance" means the measurement of a water's ability to transmit an electrical current in micromhos/cm corrected to 25°C.

(129) "Stabilization of waste" means any chemical, physical or thermal treatment of a waste, either alone or in combination with biological processes, which results in a significant reduction of pathogenic organisms including viruses.

(130) "Stabilization of a land disposal facility" means the process of waste settlement and associated land surface maintenance to insure that the majority of settlement has occurred, that pockets or depressions caused by settlement have been refilled or regraded, and that the final land surface contours represent a stable condition for closure and facility maintenance purposes.

(131) "Storage facility" means a solid waste facility for the storage of solid waste, on a temporary basis in such a manner as not to constitute ultimate disposal of solid waste.

(132) "Sub-base grade" means the elevation of the facility or portion of the facility which has been excavated to its lowest level prior to the placement of any liner system.

(133) "Sub-soil horizon" means the soil horizon adjacent to and usually directly below the topsoil.

(134) "Surface impoundment facility" means a storage or land disposal facility with a natural topographic depression, artificial excavation or

dike arrangement which is used for storage or disposal of waste fluids, semi-solids or wastes containing free liquids.

(135) "Tank" means a stationary device not including manholes, designed to contain an accumulation of leachate or other waste which is constructed primarily of nonearthen materials, such as wood, concrete, steel or plastic, which provide structural support.

(136) "10-year, 24-hour storm" means a storm of 24-hour duration with a probable recurrence interval of once in 10 years as determined under s. NR 205.05.

(137) "Termination" has the meaning specified in s. 144.43 (8), Stats.

(138) "Topsoil" means natural loam, sandy loam, silt loam, silty clay loam or clay loam humus-bearing soils or other material that will easily produce and sustain dense growths of vegetation capable of preventing wind and water erosion of the material itself and of other materials beneath.

(139) "Transfer facility" means a solid waste facility at which transferring of solid waste from one vehicle or container to another, generally of larger capacity, occurs prior to transporting to the point of processing or disposal.

(140) "Ultra low-level radioactive waste" means a waste generated at a wastewater or water treatment facility treating groundwater containing radium.

(141) "Underground tank" means a tank with 10% or more of its storage capacity below the final ground elevation. This term includes uncovered in-ground tanks. This term does not include tanks which are an integral part of a leachate collection system which are placed or constructed above the landfill liner system or within other approved containment systems.

(142) "Unequal annual outpayments" means estimated payments for long-term care which are higher in the early years of the period of owner responsibility for long-term care than they are later in the long-term care period after the facility has stabilized.

(143) "Uniformity coefficient" means the number resulting from dividing the grain size diameter in millimeters at the point where 60% of the material is finer by weight by the grain size diameter in millimeters at the point where 10% of the material is finer by weight.

(144) "U.S. government securities" means treasury bills, treasury bonds, treasury certificates, treasury notes and treasury stocks guaranteed by the federal government.

(145) "Unsaturated zone" means the zone between the land surface and the water table in which the pore spaces contain water at less than atmospheric pressure, as well as air and other gases.

(146) "Unsaturated zone monitoring system" means a system used to measure soil moisture quantity or quality in the unsaturated zone beneath a regulated facility.

(147) "USCS" means the unified soil classification system.

(148) "USDA" means the United States department of agriculture.

(149) "USGS" means the United States geological survey.

(149m) "UW" means the university of Wisconsin.

(150) "U.W.-Extension" means the university of Wisconsin extension.

(151) "VOC" means volatile organic compounds.

(152) "Water table" means the upper surface of the saturated zone where the hydrostatic pressure is equal to atmospheric pressure.

(153) "Well" means any drillhole or other excavation or opening constructed for the purpose of obtaining or monitoring groundwater.

(154) "Well nest" means 2 or more wells installed within 10 feet of each other at the ground surface and constructed to varying depths.

(155) "Wetlands" means those areas where water is at, near or above the land surface long enough to be capable of supporting aquatic or hydrophytic vegetation, and which have soils indicative of wet conditions.

(155m) "White goods" means large and medium sized metal appliances including stoves and refrigerators.

(156) "WPDES permit" means a Wisconsin pollution discharge elimination system permit issued by the department under ch. 147, Stats., for the discharge of pollutants.

(157) "WSGNHS" means the Wisconsin state geologic and natural history survey.

(158) "Zone-of-saturation landfill" means a landfill where the base grade is located below the water table in a fine-grained soil environment and is designed and operated to maintain inward groundwater gradients.

History: Cr. Register, January, 1988, No. 385, eff. 2-6-88; am. (86), cr. (12m), (33m), (41m), (85m), (86m), (114m), (149m) and (155m), Register, May, 1992, No. 437, eff. 6-1-92; cr. (116m), Register, September, 1993, No. 453, eff. 10-1-93.

**NR 500.04 Initial inspection.** Any person intending to establish a new solid waste disposal facility or expand an existing solid waste disposal facility shall contact the department's district or area office as appropriate to arrange for an initial inspection for the purpose of evaluating compliance with the location and performance standards of s. NR 504.04. This inspection shall be completed prior to submittal of an initial site report or a feasibility report.

History: Cr. Register, January, 1988, No. 385, eff. 2-6-88.

**NR 500.05 General submittal requirements.** Unless otherwise specified, all submittals for review and approval of any initial site report, feasibility report, plan of operation, infield conditions report, construction documentation report or closure plan shall include the following:

(1) **REVIEW FEE.** The review fee specified in s. NR 520.04 in check or money order payable to the department. The fee shall be sent to the department's district or area office as appropriate.

(2) **COVER LETTER.** A letter detailing the desired department action or response.

Register, September, 1993, No. 453

DEPARTMENT OF NATURAL RESOURCES 12-1  
NR 500

(3) NUMBER OF COPIES. Unless otherwise specified, 5 copies of the plan or report prepared pursuant to the appropriate section of chs. NR 500 to 522. Two copies shall be submitted to the department's field office re-

Next page is numbered 13