Readopt with amendment Env-Wr 100, effective 1-22-14 (Document #10508), to read as follows:

CHAPTER Env-Wr 100 ORGANIZATIONAL RULES

PART Env-Wr 101 DEFINITIONS

Env-Wr 101.01 "1,000-year design event" means the flood event calculated using the 24-hour rainfall that has a 0.1 percent chance of being equaled or exceeded in a period of one year.

Env-Wr 101.0102 "100-year flood design event" means the flood event calculated using the 24-hour rainfall that has a one percent chance in 100 of being equaled or exceeded in a period of one year.

Env-Wr 101.0203 "50-year flood-design event' means the flood event calculated using the 24-hour rainfall that has a one-two percent chance in 50-of being equaled or exceeded in a period of one year.

Env-Wr 101.04 "250% of the 100-year design event" means the flood event equal to 2.5 times the 100-year design event inflow hydrograph applied directly upstream of the subject impoundment.

Env-Wr 101.0305 "Acre-foot" means the volume of water that would cover one acre to a depth of one foot, or 43,560 cubic feet.

Env-Wr 101.06 "Campsite" means "campsite" as defined in RSA 216-I, II, namely "a parcel of land in a recreational campground or camping park rented for the placement of a tent, recreational vehicle, or a recreational camping cabin for the overnight use of its occupants."

Env-Wr 101.04 "Applicant" means the person or persons filing an application to construct or reconstruct a dam.

Env-Wr 101.05 "Breached dam" means a dam that no longer impounds water at the level of the primary spillway or outlet structure because of a partial or full dam failure, or because a portion of the dam has been removed.

Env-Wr 101.0607 "Classification of a dam" means "classification of a dam" as defined in RSA 482:2, namely, "the potential hazard classification placed on a dam by the department based on the potential threat to life and the potential extent of property damage in the event of accidental damage to, or failure of, the dam structure. The classifications shall be "non-menace," "low hazard potential," "significant hazard potential," or "high hazard potential" I, as reprinted in Appendix C. defined as follows:

- (a) "Non-menace structure" means a dam that is not a menace because it is in a location and of a size that failure or misoperation of the dam would not result in probable loss of life or loss to property, or it is located on a great pond with a maximum height of less than 6 feet., provided the dam is:
 - (1) Less than 6 feet in height if it has a storage capacity greater than 50 acre feet; or
 - (2) Less than 25 feet in height if it has a storage capacity of 15 to 50 acre-feet.
- (b) "Low hazard structure" means a dam that has a low hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in any of the following *or meets other parameters set-forth below*:
 - (1) No probable loss of life;
 - (2) Low economic loss;

- (3) The release of liquid industrial, agricultural, or commercial wastes, septage, or contaminated sediment if the storage capacity is less than 2 acre feet and is located more than 250 feet from a water body or water course; or
- (4) Reversible environmental losses to environmentally-sensitive sites
- (5)(1) Structural damage Overtopping of to a town or city road or private any road, excepting unmaintained class VI roads and recreational trails/crossings, accessing property other than the dam owner's which could render the road impassable or otherwise interrupt public safety services, shall be classified at a minimum; as a "low hazard dam";
- (2) A dam that is 6 feet in height or greater and stores a maximum volume of 50 acre-feet or greater, or that is 25 feet in height or greater and stores a maximum volume of 15 acre-feet or greater, shall be classified, at a minimum, as a "low hazard dam";
- (3) A dam that creates a surface impoundment for liquid industrial or liquid commercial wastes, septage, or sewage, or that is known to impound contaminated sediment, regardless of height or storage capacity, shall be classified, at a minimum, as a "low hazard dam";
- (4) Any flooding to a developed structure on a property other than the dam owner's that is not normally occupied; or
- (5) Any dam that is part of or integral to a local or private roadway accessing property other than the dam owner's shall be classified at a minimum, as a "low hazard dam".
- (c) "Significant hazard structure" means a dam that has a significant hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in any of the following *or meets other parameters set-forth below*:
 - (1) No probable loss of life;
 - (2) Major economic loss to structures or property;
 - (3) Structural damage to a Class I or II road which could render the road impassable or otherwise interrupt public safety services;
 - (4) Major environmental or public health losses, including:
 - a. Damage to a public water system, as defined by RSA 485:1-a, XV, which will take longer than 48 hours to repair; or
 - b. The release of liquid industrial, agricultural, or commercial wastes, septage, sewage, or contaminated sediments if the storage capacity is 2 acre feet or more; or
 - c. Damage to an environmentally-sensitive site that does not meet the definition of reversible environmental losses.
 - (1) Up to one foot of flooding above the lowest finished floor elevation of a normally occupied residential, commercial or industrial structure;
 - (2) Up to one foot of flooding above ground surface at any point under or immediately adjacent to a normally occupied ground supported residential, commercial or industrial structure;
 - (3) One foot or more of overtopping to a Class I or II route located downstream of the dam which could render the road impassable or otherwise interrupt public safety services; or

- (d) "High hazard structure" means a dam that has a high hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in probable loss of human life as a result of or meets other parameters set-forth below:
 - (1) Water levels and velocities causing the structural failure of a foundation of a habitable residential structure or a commercial or industrial structure which is occupied under normal conditions;
 - (2) Water levels rising above the first floor elevation of a habitable residential structure or a commercial or industrial structure which is occupied under normal conditions when the rise due to dam failure is greater than one foot;
 - (3) Structural damage to an interstate highway which could render the roadway impassable or otherwise interrupt public safety services;
 - (4) The release of a quantity and concentration of materials which qualify as "hazardous waste" as defined in RSA 147-A:2, VII; or
 - (1) Failure of a structurally attached, normally occupied habitable residential, commercial or industrial structure;
 - (2) One foot or more of flooding above ground surface at any point under or immediately adjacent to a normally occupied ground supported residential, commercial or industrial structure;
 - (3) Campsites receiving any level of flooding due to a dam failure;
 - (4) One foot or more of flooding above the lowest finished floor elevation of a normally occupied residential, commercial or industrial structure; or
 - (5) Any other circumstance which would more likely than not cause one or more deaths.

Env-Wr 101.07 "Construction engineer" means a professional engineer, licensed in New Hampshire, who has been hired by the owner to oversee construction or reconstruction of a dam.

- Env-Wr 101.08 "Controlled breach" means an opening in a dam that extends from the top of the dam to the streambed made specifically for the purpose of lowering the level of impounded water to a safe level for the dam.
 - Env-Wr 101.09 "Dam" means "dam" as defined in RSA 482:2, II, as reprinted in Appendix C.
- Env-Wr 101.10 "Dam in disrepair" means "dam in disrepair" as defined by RSA 482:2, V, as reprinted in Appendix C.
 - Env-Wr 101.11 "Days" means calendar days unless otherwise specified.
 - Env-Wr 101.12 "Department" means the *New Hampshire* department of environmental services.
- Env Wr 101.13 "Discharge capacity" means the amount of water which can safely pass the structure through its normal discharge channels.
- Env-Wr 101.13 "Drainage area" means the total surface area upstream of a point on a stream or dam where all flowing surface water converges.

- Env-Wr 101.14 "Emergency action plan" means "emergency action plan" as defined in RSA 482:2, VI, as reprinted in Appendix C.
- Env-Wr 101.15 "Emergency condition" means a situation exists at a dam which jeopardizes its ability to control or impound water or contents.
 - (a) A situation has arisen at a dam which could jeopardize the integrity of the dam; or
 - (b) Failure of the dam is imminent or has occurred.
 - Env-Wr 101.16 "Environmentally-sensitive site" means:
- (a) A site listed and tracked by the natural heritage inventory, as maintained by the department of resources and economic development;
 - (b) A prime wetland designated pursuant to RSA 482-A:15;
 - (c) A river segment designated pursuant to RSA 483;
 - (d) A prime habitat for resident or migratory fishes, as determined by the fish and game department; or
- (e) Surface waters that support coldwater fish communities immediately downstream of a dam, as determined by the fish and game department.
- Env-Wr 101.16 "Engineer" means a professional engineer registered and licensed in New Hampshire.
 - Env-Wr 101.17 "Exempt dam" means a dam that meets either of the following:
- (a) A previously permitted dam that no longer meets the definition of a "dam" as defined in RSA 482:2, II; or
- (b) A non-permitted existing dam that does not meet the definition of a "dam" as defined in RSA 482:2, II.
- Env-Wr 101.1718 "Flashboards" means boards which temporarily raise the pond elevation above the permanent spillway crest and are designed to automatically fall over yield, activate or trip when the water level rises to a particular level.
- Env-Wr 101.1819 "Freeboard" means the vertical distance from the water surface to the lowest elevation at which water would flow over the dam at a section not designed *for overtopping* to be overflowed.
- Env-Wr 101.1920 "Great pond" means a water body of 10 acres or more in its natural non-dammed condition as described in RSA 271:20. Some great ponds and public waters have been raised by damming.
- Env-Wr 101.2021 "Height" means the vertical distance from the lowest point of *undisturbed* natural ground on the downstream side of the dam to the highest part of the dam which wouldcould impound water.
- Env-Wr 101.2122 "High hazard structure" means a dam *as defined in Env-Wr 101.07(d)*. that has a high hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in probable loss of human life as a result of:
- (a) Water levels and velocities causing the structural failure of a foundation of a habitable residential structure or a commercial or industrial structure which is occupied under normal conditions;

Text deleted from existing rules shown struck through

- (b) Water levels rising above the first floor elevation of a habitable residential structure or a commercial or industrial structure which is occupied under normal conditions when the rise due to dam failure is greater than one foot:
- (c) Structural damage to an interstate highway which could render the roadway impassable or otherwise interrupt public safety services;
- (d) The release of a quantity and concentration of materials which qualify as "hazardous waste" as defined in RSA 147-A:2, VII; or
 - (e) Any other circumstance which would more likely than not cause one or more deaths.
- Env-Wr 101.2223 "Inflow design flood" is the flood flow above which the incremental increase in water surface elevation downstream of the dam due to failure is no longer considered to present an unacceptable additional downstream threat. due to dam failure would not increase the harm or threat of harm to public safety or property downstream of the dam.
- Env-Wr 101.2324 "Inland public water" as used in RSA 482:79 means any public water of 10 acres or more whose level is controlled by a dam.
- Env-Wr 101.24 "Low economic loss" means reversible environmental loss to undeveloped land or minor damage to uninhabited structures, such as storage sheds, or to sites listed or tracked by the natural heritage inventory, as maintained by the department of resources and economic development.
- Env-Wr 101.25 "Low hazard structure" means a dam *as defined in Env-Wr 101.07(b)*. that has a low hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in any of the following:
 - (a) No probable loss of life;
 - (b) Low economic loss;
- (c) Structural damage to a town or city road or private road accessing property other than the dam owner's which could render the road impassable or otherwise interrupt public safety services;
- (d) The release of liquid industrial, agricultural, or commercial wastes, septage, or contaminated sediment if the storage capacity is less than 2 acre-feet and is located more than 250 feet from a water body or water course; or
 - (e) Reversible environmental losses to environmentally-sensitive sites.
- Env-Wr 101.26 "Manual operations" means activation or manipulation of gates, valves, stoplogs, flashboards, turbines or other outlet works by means by human intervention.
- Env-Wr 101.27 "Maximum discharge capacity" means the discharge capacity of a dam at maximum pool level without the benefit of manual operations.
- Env-Wr 101.28 "Maximum pool level" means the water surface elevation of the impoundment at which overtopping is expected to occur.
- Env-Wr 101.29 "Maximum storage capacity" means the volume of water and/or liquid contents which could be impounded by a dam when the water level is at the maximum pool level.
- Env-Wr 101.2630 "Menace to public safety" as used in RSA 482:2, V and "menace to the public safety" as used in RSA 482:9, III, means that the failure or misoperation of the dam would threaten human

Text deleted from existing rules shown struck through

life or interrupt safety services. The term includes applies to any low hazard, significant hazard, or high hazard dam but does not include to any non-menace structure.

- Env-Wr 101.2731 "Mills" means "mills" as defined by RSA 482:2, VII, as reprinted in Appendix C.
- Env-Wr 101.2832 "Non-menace structure" means a dam as defined in Env-Wr 101.07(a). that is not a menace because it is in a location and of a size that failure or misoperation of the dam would not result in probable loss of life or loss to property, provided the dam is:
 - (a) Less than 6 feet in height if it has a storage capacity greater than 50 acre-feet; or
 - (b) Less than 25 feet in height if it has a storage capacity of 15 to 50 acre-feet.
- Env-Wr 101.2933 "Non-permitted dam" means a dam for which a permit, order, or authorization for construction or registration has never been issued by the department or a predecessor state agency responsible for such at the time.
- (a) For a dam constructed subsequent to 1917, that a permit, order, or authorization for construction or registration by the department or a predecessor state agency responsible for such at the time has never been issued; or
 - (b) For a dam constructed prior to 1917, that the location of the dam is not on file with the department.
- Env-Wr 101.34 "Normal pool" means the water surface level of an impoundment when the water level is at the elevation of the primary outlet structure or spillway.
- Env-Wr 101.3035 "Normal storage capacity" means the volume of water and/or liquid contents and material which could be is impounded above the natural ground elevation, when the water level is at-the elevation of the lowest free flowing discharge structure of the primary outlet structure or spillway.
- Env-Wr 101.36 "Overtopping" means flow over the top of the dam onto areas not specifically designed for flow when the maximum pool level is exceeded.
- Env-Wr 101.3137 "Owner" means the person or persons who own a dam, persons or entity who legally owns a dam and/or associated flowage rights, if any, or who possesses and/or exercises legal rights or obligations to operate, maintain, repair or reconstruct a dam.
- Env-Wr 101.3238 "Person" means "person" as defined by RSA 482:2, VIII, as reprinted in Appendix C.
- Env-Wr 101.3339 "Plans" means engineering drawings including plan views, elevations, sections, and details, specifications or other documents related to the design, construction or reconstruction of a dam.
- Env-Wr 101.3440 "Reconstruction" means "reconstruction" as defined by RSA 482:2, X, as reprinted in Appendix C.
- Env-Wr 101.41 "Regulatory discharge capacity" means the discharge capacity of a dam when the water is one foot below maximum pool level without the benefit of manual operations.
- Env-Wr 101.3542 "Removal" means the physical elimination of a dam as an impounding structure as governed by Env-Wr 600.
- Env-Wr 101.3643 "Repair" means any physical alteration of or modification to work on a dam that does not change the height, length or discharge capacity of the structure and that does not constitute meet the definition of reconstruction as defined by RSA 482:2, X.

Env-Wr 101.37 "Reversible environmental losses" means damage to an ecosystem which is expected to self-remediate within 5 years.

Env-Wr 101.3844 "Ruins" means the remains of a dam which no longer impounds water and whose deterioration is to the extent that the original configuration can no longer be determined.

Env-Wr 101.3945 "Significant hazard structure" means a dam *as defined in Env-Wr 101.07(c)*. that has a significant hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in any of the following:

- (a) No probable loss of life;
- (b) Major economic loss to structures or property;
- (c) Structural damage to a Class I or II road which could render the road impassable or otherwise interrupt public safety services;
 - (d) Major environmental or public health losses, including:
 - (1) Damage to a public water system, as defined by RSA 485:1-a, XV, which will take longer than 48 hours to repair; or
 - (2) The release of liquid industrial, agricultural, or commercial wastes, septage, sewage, or contaminated sediments if the storage capacity is 2 acre-feet or more; or
 - (3) Damage to an environmentally sensitive site that does not meet the definition of reversible environmental losses.

Env-Wr 101.40 "Specifications" means the descriptions of materials and methods of work sufficient in quantity and detail to convey the intent of the designer.

Env-Wr 101.4446 "Stage" means the depth of water or elevation of water surface.

Env Wr 101.42 "Storage capacity" means the maximum volume of water and material which could be impounded by a dam above the natural ground elevation when the water level is at:

- (a) The top of dam; or
- (b) The highest elevation which could be hydrologically attained, if this elevation is below the top of dam.

Env Wr 101.43 "Stream" means any watercourse delineated on a USGS topographic map as a dashed or solid line, or any watercourse not delineated on a USGS topographic map that flows continuously in a well defined channel for at least 30% of the year.

Env-Wr 101.4447 "Sunny day flow" means the flow occurring in a river or stream channel during normal *non-storm event* hydrologic conditions.

Env-Wr 101.48 "Top of dam" means the lowest elevation of the dam crest, above which overtopping of the dam is expected to occur.

Env-Wr 101.45 "Wave run up" means the height of water above the still water level which would be expected to occur at a dam as a result of high winds.

- (1) Makes channel improvements in the public interest, pursuant to RSA 482:1;
- (m) Makes orders, conducts hearings, subpoenas and examines under oath persons and their books, records, documents, correspondence, and accounts, as necessary to carry out its obligations, pursuant to RSA 482:87;
- (n) Adopts and enforces rules, pursuant to RSA 482:87 and enforces the statute and rules pursuant to RSA 482:89;
- (o) Investigates the levels of inland public waters, pursuant to RSA 482:79; and
- (p) Monitors the ground water resources with the cooperation of the United States Geological Survey, pursuant to RSA 482:3, II.

PART Env-Wr 103 ACCESS TO FILES

- Env-Wr 103.01 Public Records; Access to Files.
- (a) Governmental records held by the department relating to activities under RSA 482 shall be open to public inspection unless exempt under RSA 91-A:5.
- (b) Governmental records that are available for public review may be copied pursuant to RSA 91-A:4, IV.

Readopt with amendment Env-Wr 200, effective 1-22-14 (Document #10509), to read as follows:

CHAPTER Env-Wr 200 PROCEDURES

PART Env-Wr 201 PURPOSE AND APPLICABILITY

Env-Wr 201.01 Purpose.

- (a) The rules in this chapter are intended to supplement Env-C 200 and RSA 541-A in governing proceedings before the department under RSA 482. These rules shall be construed to secure a just and speedy determination of every proceeding.
- (b) The purpose of any proceeding governed by this chapter shall be to allow the department to acquire sufficient information to make a reasonable decision, and to afford persons who may be affected by decisions of the department the opportunity to present evidence and argument to the department prior to the making of that decision.

Env-Wr 201.02 <u>Applicability</u>. These rules shall apply to all proceedings initiated under RSA 482 relative to dams and lake level determinations.

PART Env-Wr 202 WAIVERS

Env-Wr 202.01 <u>Purpose</u>. The purpose of these waiver rules is to accommodate situations in which strict compliance with all applicable requirements specified in subtitle Env-Wr might not be necessary or in the best interests of human life, public safety, or the environment.

Env-Wr 202.02 <u>Applicability</u>. These waiver rules shall apply to any person who is or would be directly and adversely affected by the strict application of these rules who wishes to request a waiver of the rule(s) or portion(s) thereof which so affect that person.

Env-Wr 202.03 Waiver Request.

- (a) The person-requesting the waiver(s) shall submit the request to the department in writing.
- (b) If the waiver is needed in conjunction with an application filed under Env-Wr 400, the waiver request shall be submitted with the application or as soon thereafter as the need for the waiver is identified.
 - (c) The waiver request shall contain the following information:
 - (1) A description of the dam to which the waiver request relates, including name, address, and state dam inventory number;
 - (2) A citation to the specific section(s) of the rules from which a waiver is sought;
 - (3) A complete explanation of why a waiver is being requested, including an explanation of the economic and operational consequences of complying with the rule;
 - (4) A complete explanation of any proposed alternative(s) to the rule(s) for which a waiver is sought, with appropriate supporting information;
 - (5) Whether the need for the waiver is temporary and, if so, the length of time the waiver is needed; and
 - (6) A complete explanation of how granting a waiver would be consistent with the criteria specified in Env-Wr 202.04(a).
 - (d) The person requesting the waiver(s)-shall sign and date the request.

- (e) The person's-signature shall constitute certification that:
 - (1) The information provided is true, complete, and not misleading to the knowledge and belief of the signer; and
 - (2) The signer-understands that any waiver granted based on false, incomplete, or misleading information shall be subject to revocation.

Env-Wr 202.04 Action on Waiver Request.

- (a) Subject to (b), below, the department shall grant a waiver upon determining that:
 - (1) Granting a waiver will be consistent with the intent of RSA 482;
 - (2) Human life, and public safety, and the environment will be protected; and
 - (3) Any benefit to the public or the environment from strict compliance with the rule is outweighed by the economic and operational consequences of strict compliance with the rule.
- (b) No waiver shall be granted of a requirement that is prescribed by statute, unless a waiver is expressly allowed by the statute that would be waived.
- (c) The department shall issue a written decision on a request for a waiver within 90 days of a submittal completed in accordance with Env-Wr 202.03. If the request is denied, the decision shall specify the reason(s) for the denial.
- (d) If the need for the waiver is temporary, the department shall identify the expiration date of the waiver in its written decision.
- (e) If the department determines that conditions are necessary for the criteria specified in (a), above, to be met, the department shall include such conditions as are necessary in the waiver.

PART Env-Wr 203 PROCEEDINGS

Env-Wr 203.01 <u>Public Hearings</u>. Any hearing held to receive public comment under the following statutory provisions shall be conducted in accordance with the provisions of Env-C 200 applicable to non-adjudicative hearings:

- (a) RSA 482:6 relative to the management and control of the outlet of a great pond;
- (b) RSA 482:9, V(a) relative to public benefit of a proposed significant hazard or high hazard dam;
- (c) RSA 482:30 relative to public benefit of a dam proposed under RSA 482:29; and
- (d) RSA 482:79 relative to lake level determinations.

Env-Wr 203.02 <u>Permit Proceedings</u>. The processing of an application for approval to construct or reconstruct a dam shall be a non-adjudicative proceeding in accordance with RSA 541-A:29, II(a).

PART Env-Wr 204 DECISION AND APPEALS

Env-Wr 204.01 Department Decisions.

- (a) All final department decisions under RSA 482 shall be issued in writing.
- (b) A final decision to grant a permit application shall be distributed as follows:
 - (1) Subject to Env-Wr 404.02(b), the original shall be sent to the applicant; and

(2) Copies shall be sent to all municipalities that were notified of the application pursuant to Env-Wr 304.03 or Env-Wr 402.07.

- (c) A final decision to deny a permit application shall be distributed as follows:
 - (1) The original shall be sent to the owner and/or designee applicant; and
 - (2) Copies shall be sent to all municipalities that were notified of the application pursuant to Env-Wr 304.03 or Env-Wr 402.07.
- (d) Copies of a final decision in a lake level investigation shall be sent to:
 - (1) The owner of the dam that is the subject of the order;
 - (2) The person(s) who requested the investigation, if any;
 - (3) Each municipality in which the impounded water is located; and
 - (4) Each person who participated in the investigation who specifically requested to be notified of the decision.
- (e) Copies of an order issued pursuant to RSA 482:11 or RSA 482:12 shall be sent to:
 - (1) The owner of the dam that is the subject of the order; and
 - (2) Each municipality in which the impounded water is located.

Env-Wr 204.02 <u>Appeals</u>. Appeals of department decisions under RSA 482 shall be directed to the water council in accordance with RSA 21-O:14 and Env-WC 200.

Appendix A: Statutes Implemented

Rule Section(s)	State Statute(s) Implemented
Env-Wr 100	RSA 482
Env-Wr 201	RSA 482:1 et seq.; RSA 541-A:16, I(b)
Env-Wr 202	RSA 541-A:16, I(b); RSA 541-A:22, IV
Env-Wr 203	RSA 482:6; RSA 482:9, V(a); RSA 482:30; RSA 482:79; RSA 541-A:16, I(b)
Env-Wr 204	RSA 482:1 et seq.; RSA 541-A:16, I(b)

[No Appendix B for these chapters]

Appendix C: Statutory Definitions

RSA 216-I:1

II. "Campsite" means a parcel of land in a recreational campground or camping park rented for the placement of a tent, recreational vehicle, or a recreational camping cabin for the overnight use of its occupants.

RSA 482:2

- I. "Classification of a dam" means the potential hazard classification placed on a dam by the department based on the potential threat to life and the potential extent of property damage in the event of accidental damage to, or failure of, the dam structure. The classifications shall be "non-menace," "low hazard potential," "significant hazard potential," or "high hazard potential."
- II. (a) "Dam" means any artificial barrier, including appurtenant works, which impounds or diverts water and which has a height of 6 feet or more, or is located at the outlet of a great pond. A roadway culvert shall not be considered a dam if its invert is at the natural bed of the water course, it has adequate discharge capacity, and it does not impound water under normal circumstances. Artificial barriers which create surface impoundments for liquid industrial or liquid commercial wastes, septage, or sewage, regardless of height or storage capacity, shall be considered dams.
- (b) An artificial barrier at a storm water detention basin, which impounds 0.5 acre-foot or less of water during normal conditions, shall not be considered a dam unless its height is 10 feet or greater or its maximum storage is 6 acre-feet or greater.
- V. "Dam in disrepair" means a dam which is a menace to public safety and is incapable of safely impounding flood waters to its crest, or is incapable of maintaining a reasonably constant level of waters impounded, or is one which does not contain adequate gates and sluiceways to provide for the holding or controlled discharge of waters impounded.
- VI. "Emergency action plan" means a written document delineating a prescribed sequence of actions to be taken by a dam owner to inform the authorities and others downstream of an impending or actual sudden release of water caused by an accident to, or failure of, the dam. This plan shall be developed in consultation with local officials and notification of the plan shall be given to the general public who would be affected by a sudden release of water caused by an accident or other failure of the dam. The plan shall be kept on file with the local emergency management director and other local officials as deemed appropriate by the department.
- VII. "Mills" shall include both manufacturing plants and plants at which electric power is generated for public distribution or for the operation of mills, railroads or public utilities.
- VIII. "Person" means any individual, partnership, association, corporation, company, organization or legal entity of any kind.
 - X. "Reconstruction" means:
 - (a) A change in the height, length, or discharge capacity of the structure;
 - (b) Restoring a breached dam or one in ruins;
- (c) Modification of flashboards which either increases their height or increases the headwater elevation at which the flashboards will fail; or
 - (d) A change in the structural configuration of a dam.