

NEBRASKA ADMINISTRATIVE CODE

Title 457 - DEPARTMENT OF NATURAL RESOURCES
RULES FOR SURFACE WATER

Chapter 11 - PROJECT MAPS FOR STORAGE PERMITS

001 REQUIREMENTS. This rule applies to storage permits for surface water impoundments not subject to the Safety of Dams and Reservoirs Act (Neb. Rev. Stat. § 46-1600 et. seq.)

002 A project map of the storage facility shall be submitted within six months of the date of the order of approval of the application for a storage permit. The map shall consist of two layers and shall conform to the following standards:

002.01 The base data layer shall be created by using either:

002.01A Certified Digital Orthophotography Quarter Quadrangles (DOQQs) produced by the Department of Natural Resources and certified by USGS using 1999 or newer aerial photography shall be used as the base data layer for producing the required maps, or

002.01B Compressed Orthophotography Quarter Quadrangles (COQQs) derived from the Department of Natural Resources DOQQs.

DOQQs and COQQs can be obtained through Department of Natural Resources offices, the Department of Natural Resources website or other organizations capable of accessing digital information.

002.02 The overlying map layer shall be based upon the DOQQs or COQQs and drawn on an overlay form provided by the Department. An unmarked copy of the DOQQs or COQQs used shall be submitted with the overlay map layer.

002.03 If a project map was produced using GIS or drawing software such as ArcView, ArcMap or AutoCad, the computer files that were used in creating the project map should be provided to the Department of Natural Resources along with the project map. All files used or generated in the creation of the project map should be copied onto recordable compact discs (CD-R). The CD should be labeled using an indelible marker with applicant's name, description of the project, date the CD was written, and the person and agency responsible for creating the map. Information identifying the year and source of base data (aerial photography) that was used in creating the project map should also be submitted.

Title 457 - DEPARTMENT OF NATURAL RESOURCES
RULES FOR SURFACE WATER

Chapter 11 - PROJECT MAPS FOR STORAGE PERMITS

002.04 The map shall be neat, clean, and clear and be drawn with black ink. All words shall be printed.

002.05 The map shall be prepared by a registered professional engineer, assisted by qualified engineering geologists, geotechnical engineers, geologists, and other specialists as necessary, and shall include the following information:

002.05A. A topographic map with 2-foot contour intervals, or less, within the reservoir area as determined by on-site or photogrammetric surveys.

002.05B. A table showing the reservoir surface area and incremental and cumulative reservoir storage at 2-foot elevation intervals and at the crest elevation of the drawdown, the principal and auxiliary spillways, other outlets and the top of the structure elevation.

002.05C. A map showing the outside limits of the reservoir water line at maximum storage elevation and at normal storage elevation, the structure location, the government subdivisions in which the structure and reservoir are located including the quarter section, section, township, range and county; the location and name of any stream source and, if applicable, the location of any pump used to provide water to the reservoir.

002.05D. If there are multiple owners or there are easements appurtenant to the land where the impounding structure and reservoir are located, the location of such ownerships or easements shall be delineated on the plans.

002.05E. The source of water, course of any supply canals or pipelines.

002.05F. If the project includes a dam, a statement, certified by a registered professional engineer, as to the hazard classification of the dam and whether it is subject to the Safety of Dams and Reservoirs Act.

Title 457 - DEPARTMENT OF NATURAL RESOURCES
RULES FOR SURFACE WATER

Chapter 11 - PROJECT MAPS FOR STORAGE PERMITS

Any dam located within three miles of the jurisdictional limits of a city of the metropolitan class or primary class, or any dam within two miles of the jurisdictional limits of a city of the first class, or any dam within one mile of the jurisdictional limits of a city of the second class or a village, shall be classified as high hazard. Classification can be mitigated or adjusted if development in the breach route area is sufficiently curtailed due to zoning restrictions, easements, deed restrictions, or other methods of restriction acceptable.

002.06. The map shall be a true representation of actual conditions.

003 An applicant shall have 90 days in which to refile a map returned for correction by the Department. Failure to file a corrected map within 90 days shall cause cancellation or dismissal of the application.

EFFECTIVE DATE: June 27, 2008