



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

October 6, 2010

Jesse Maynard, Project Engineer
Henry, Meisenheimer & Gende, Inc.
1075 Lake Road, P.O. Box 70
Carlyle, IL62231-1817

Bill Gruen
City of Carlyle
850 Franklin Street
Carlyle, IL 62231-1817

RE: 500,000 Gallon Elevated Tank and Water Line
IDNR Project # 0909320

Dear sirs:

This letter concerns the Endangered Species Consultation for the new water tank and water transmission mains to be built in Carlyle. This project was submitted for consultation in accordance with the *Illinois Endangered Species Protection Act* [520 ILCS 10/11], the *Illinois Natural Areas Preservation Act* [525 ILCS 30/17], and Title 17 *Illinois Administrative Code Part 1075*.

This project will place a water tank and 10" water line on property adjacent to the Carlyle Lake Project Administration Building /Maintenance Compound and Visitor Center. The Department has completed its review of the project and determined that the action could have an adverse impact on the state endangered Eastern Massasauga Rattlesnake (*Sistrurus catenatus*) which is known to occur in the area.

To minimize impact, the Department recommends that the city of Carlyle adopt the following measures:

- Securely cover trenches and excavations at the end of every work day.
- Minimize the amount of land being cleared and trenched as much as possible.
- Perform the work between mid-November and late March; the major work should be done before March, with only clean-up occurring in March.
- Educate on-site personnel about the snakes before construction begins.
- If a listed snake is encountered on site, stop work immediately and allow it to move out of harm's way, or contact the U.S. Army Corps of Engineers or IDNR so the snake can be moved.

Consultation on the part of the Department is terminated. In accordance with 17 Ill. Adm. Code 1075.40(h), the city must notify the Department of its decision regarding these recommendations, whether they will:

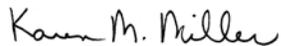
- Allow the action to proceed as originally proposed;
- Require the action to be modified per Department recommendations (please specify which measures if not all will be required); or
- Forgo the action.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Sincerely,



Karen M. Miller
Division of Ecosystems and Environment
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