

March 10, 2008

Doug McKinney
North Central Regional Planning Commission
P.O. Box 565
Beloit, KS 67420-0565

RE: City of Milford, Kansas Water Treatment Project

Dear Mr. McKinney:

The Kansas Geological Survey (KGS) has received your request dated February 7, 2008, asking us to review the above referenced project. In general, the project involves the modification of water treatment equipment within the existing water treatment plant at Milford, Kansas.

A review of regional geologic information and project information provided by you indicates that there are no unduly adverse geologic conditions that should affect this project. Site-specific conditions should be considered prior to construction.

This letter is an assessment based on the regional geologic conditions available at the KGS and cannot be used in substitute of a detailed site characterization. Other geologic conditions, not discussed herein, or for which the KGS has no knowledge, may affect the viability of the project. It is the responsibility of the applicant to provide any necessary characterization, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

If you have any questions please feel free to contact me at (785) 864-2099.

Sincerely,



Robert S. Sawin
Geologist

Enclosures

cc: Dan Suchy, KGS Data Resources Library

AGENCY REVIEW TRANSMITTAL FORM

Comments by: Robert S. Sawin
Type or Print

February 7, 2008
Transmittal Date

PROJECT TITLE:	CITY of MILFORD	☒	Notification of Intent
	Water Treatment Renovation	☒	Preapplication
CONTACT PERSON:	NC Region Planning Commission	☐	Final Application
	(785) 738-2218	☐	Direct Development

This form provides notification and the opportunity for your agency to review and comment on this proposed project as required by Executive Order 12372. Please complete Parts II & III as appropriate. Your prompt response will be appreciated.

By **3/07/08** RETURN TO:
Doug McKinney
North Central Regional Plan. Comm.
109 N. Mill, P.O. Box 565
Beloit, Kansas 67420-0565

PART I

REVIEW AGENCIES/COMMISSIONS

☐ Aging	☒ Geological Survey, KS	☐ State Forester, KS
☐ Agriculture -- DWR	☐ Health & Environment	☐ Transportation
☐ Biological Survey, KS	☐ Historical Society	☐ Water Office, KS
☐ Corporation Comm.	☐ Human Resources	☐ Wildlife & Parks
☐ Commerce	☐ Natural Resource Cons. S.	☐ Other
☐ Education	☐ Social & Rehab. Services	☐ Emergency Preparedness

PART II (To be completed by review agency and returned to contact person.)

AGENCY REVIEW COMMENTS

COMMENTS:

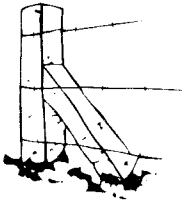
PART III (To be completed by review agency and returned to contact person.)

RECOMMENDED ACTION COMMENTS

☒ Clearance of the project should be granted	☐ Clearance of the project should not be delayed but the Applicant should (in the final application) address or clarify the questions or concerns indicated above
☐ Clearance of the project should not be granted	☐ Request the opportunity to review the final application prior to submission to the federal funding/state funding agency.
☐ Clearance of the project should be delayed until the issues or questions have been clarified	☐ Request a State Process Recommendation in concurrence with above comments

Reviewer's Name Robert S. Sawin DIVISION/AGENCY/COMMISSION

Date: 3-10-08



North Central Regional Planning Commission

109 N. Mill St., P.O. Box 565 • Beloit, Kansas 67420 • (785) 738-2218

February 7, 2008

Kansas Geological Survey
1930 Constant Ave., Campus West
The University of Kansas
Lawrence, KS 66047-3726

Re: Milford, Kansas Water Treatment Project

Dear KGS Contact:

Milford, Kansas is in pursuit of water treatment facility improvements. It is proposing to finance such action through a Rural Development Water Loan and Grant and a Community Development Block Grant. The intent of the project is to modify and enhance the water treatment process at the treatment plant which is in the city limits in western Milford.

The location latitude is 39.175606 North and longitude is -96.912093 West in the SE/4, SW/4 of Section 18, Township 10 South, Range 5 East of the Sixth Principal Meridian, Geary County, Kansas. No floodwaters, stream or other water course will be impacted by this project, nor will any of those impact the facilities to be modified. The construction will chiefly occur inside the existing water treatment plant.

Provided is the project summary with a recent site photograph, and location maps. Your comment on this proposal is of interest. Please comment to myself or to Lori Thielen on or before March 7, 2008.

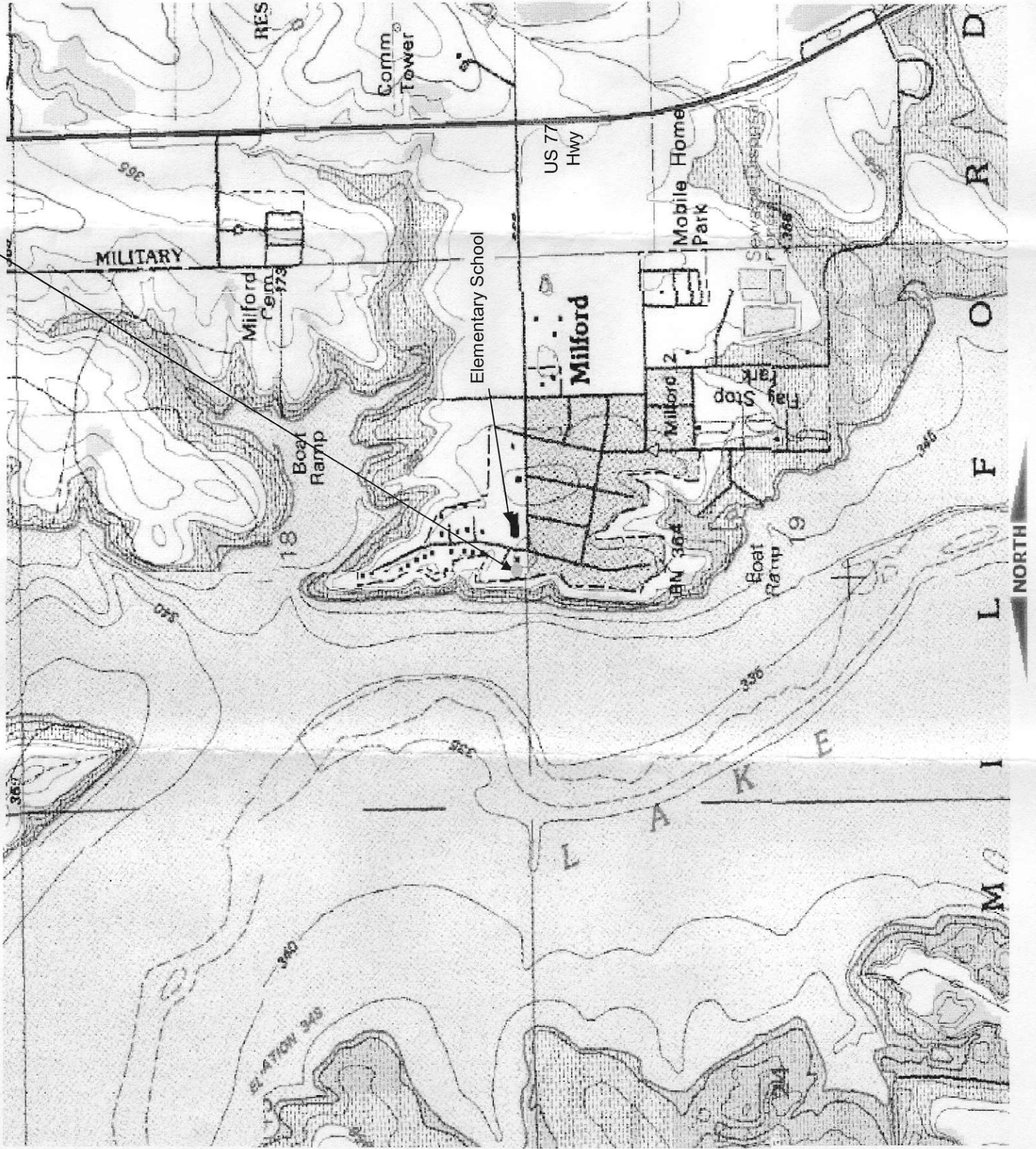
Sincerely,

Doug L. McKinney
Assistant Director/Project Administrator
dmckinney@nckcn.com

Enc

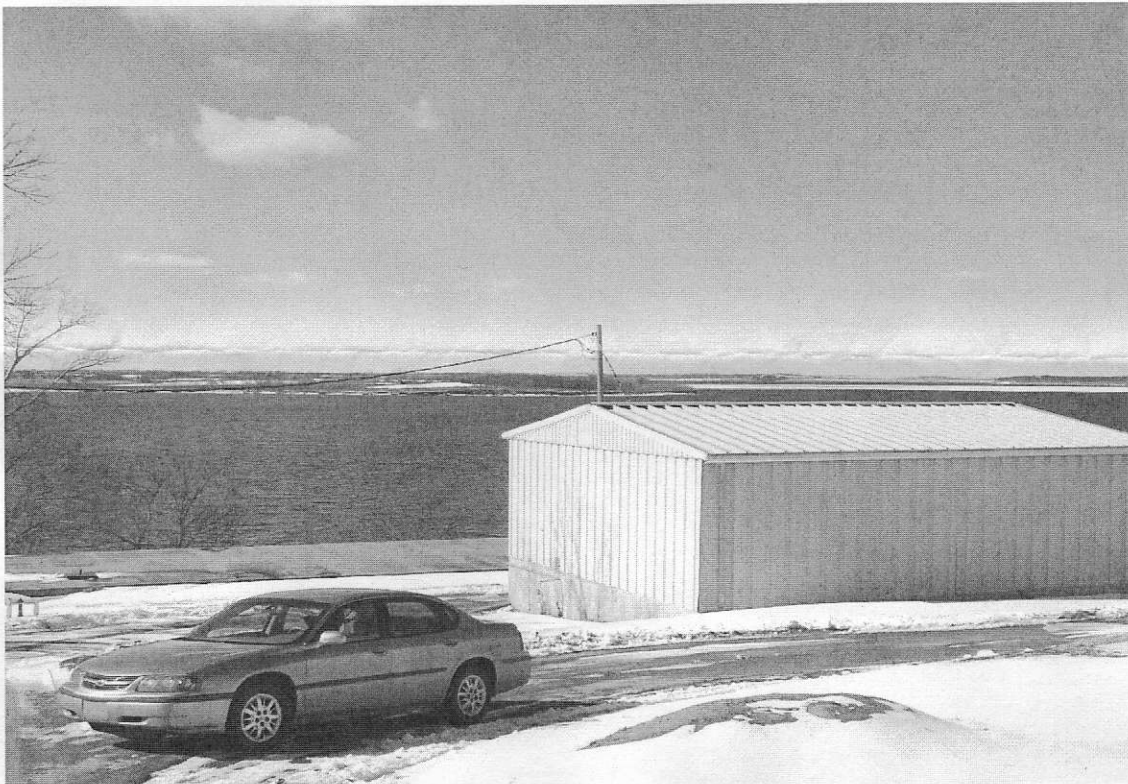
pc: Mary Gager, Milford City Clerk

CITY OF MILFORD TREATMENT FACILITY LOCATION



CITY OF MILFORD TREATMENT FACILITIES PROJECT PROPOSED IMPROVEMENTS, 2008-2009

- The project is designed to finish water treatment processes for the Milford municipal water system so it can achieve full compliance with current state and federal regulations. In the distant future new regulations are possible for surface water treatment as technologies develop and research warrants more changes.
- No land purchases are necessary. The city owns the land at and adjacent to the treatment plant where the work will occur.
- Performing the work with staff and purchasing the materials and equipment with district revenues is not financial manageable. Planned is to utilize contract labor too perform the necessary improvements. Program funding sources will be used to purchase water treatment equipment.
- The highest priority treatment facility modifications were solidly examined at various project review meetings in 2007. As a result, the filters, pumps and feed system were deemed in need of attention.
- The treatment filters required for treatment plant use is to be a package unit installed in the treatment plant. It will have air scour systems and filter console modifications for backwash and air scour purposes. The clearwell involves baffle curtains and piping appurtenances. Heavy-duty loader equipment will manage the equipment placement into and within the facility. The pieces will be manually fitted together. Electrical components and monitoring devices will be connected near the end of all construction phases. This is planned for the summer and fall of 2009.



Treatment Facility in Western Milford, Kansas