

July 8, 2009

Andrew Hansen
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114

RE: Project to construct a helical low head turbine in the existing raw water supply main between El Dorado Lake and the City of El Dorado water treatment plant.

Dear Mr. Hansen,

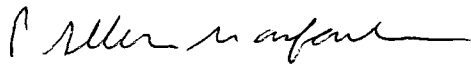
The Kansas Geological Survey (KGS) has received your letter dated June 26, 2009, requesting environmental review comments for the above referenced project.

A review of regional geologic information and project information provided with the request indicates that there are no unduly adverse geologic conditions that should affect this project. Site-specific conditions may need to be considered prior to commencement of the project. A completed request-for-comments form is enclosed.

This assessment was based on regional geologic and project information available to the KGS at the time of the review and should not be used for a detailed site characterization. Other geologic conditions, not discussed herein, or for which the KGS has no knowledge, may affect the feasibility of this project. It is the responsibility of the applicant to provide any necessary site characterizations, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

If you have questions please do not hesitate to contact me at my office (785 864-2068).

Sincerely yours,



P. Allen Macfarlane

The following form may be used by the Review Agency/Commission for comments in response to the request for clearance from the proposed Public Water Supply Loan Fund Project.

☐ Army Corps of Engineers
☐ Kansas Biological Survey
☐ State Conservation Commission
☐ Kansas Corporation Commission
☐ Division of Water Resources/Kansas Department of Agriculture
☒ Kansas Geological Survey
☐ Kansas State Historical Society, State Historic Preservation Office
☐ Kansas Water Office
☐ Kansas Department of Wildlife & Parks
☐ US Dept of Agriculture - Natural Resources Conservation Service
☐ Kansas Department of Health and Environment
☐ US Dept of the Interior - Fish and Wildlife Service

Agency Review Comments: (to be completed by reviewing agency and returned to applicant contact person at name and address shown below)

Comments: See attached letter

Recommended Action: (to be completed by the reviewing agency and returned to applicant contact person at name and address shown below.)

☒ Clearance of project should be granted
☐ Clearance of project should not be granted
☐ Clearance of project should be delayed until the issues or questions have been clarified.
☐ Clearance of project should not be delayed, but the applicant (in the application) should address or clarify the questions or concerns indicated above.)

P. Allen MacFarlane
Reviewer's Name

KGS
Division/Agency/Commission

7/8/09
Date

Project Title: Public Water Supply Loan Fund Application

Applicant: City of El Dorado

Contact Person: Kurt Bookout

Address: 390 E Central

City, State: El Dorado, KS Zip: 67042 Phone: (316) - 321 - 9100



BLACK & VEATCH
Building a world of difference.®

June 26, 2009

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

Re: City of El Dorado, Kansas
Kansas Public Water Supply Loan Fund
Project No. 2624

To Whom It May Concern:

The City of El Dorado is preparing an application to the Kansas Department of Health and Environment for a loan from the Kansas Public Water Supply Loan Fund for the referenced project. The proposed project will construct a helical low head turbine in the City's existing raw water supply main between El Dorado Lake and the water treatment plant. The turbine will be used to generate electricity which will subsequently be used to power existing demands at the plant.

The facility will be constructed on property currently owned by the City at the existing water treatment plant site. This property is located in within Section 2, Township 26 South, Range 5 East. The anticipated total project cost is \$200,000.

We would appreciate your review of the project description and location, and any comments you may have, within 30 days. A project review form is enclosed for use.

Please contact either Kurt Bookout, Director of Public Utilities, at 316-321-9100 or myself at 913-458-3417 if you have any questions.

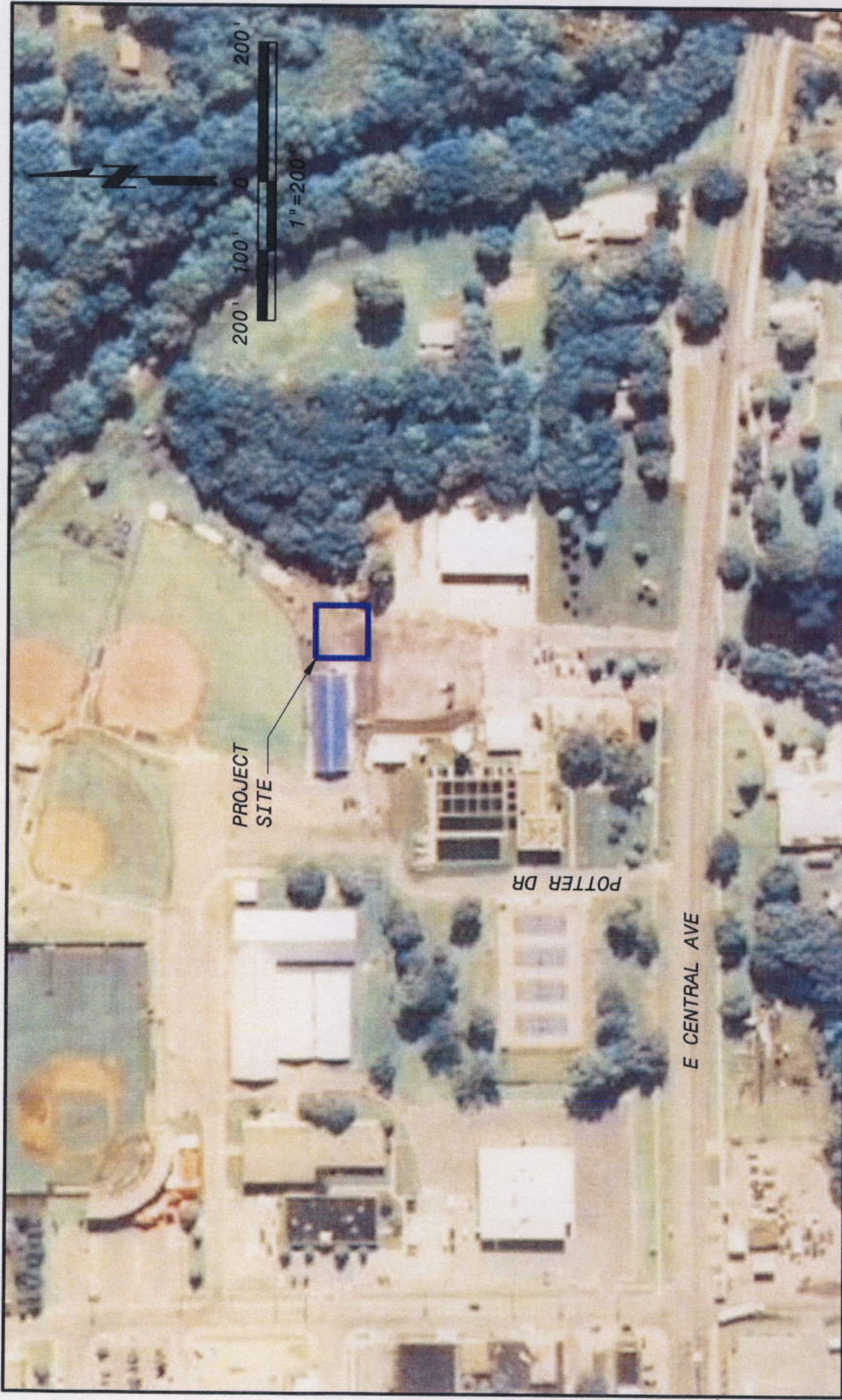
Sincerely,

BLACK & VEATCH CORPORATION

Andrew Hansen
Project Manager

cc: Kurt Bookout, City of El Dorado

Attachments: Project Location Map
Agency Review Form



BLACK & VEATCH
Corporation

HELICAL LOW HEAD TURBINE
PROJECT LOCATION

KANSAS WATER SUPPLY LOAN FUND
PROJECT NO. 2624

EL DORADO, KS

DATE	REVISION OR ISSUE	NO	BY