

COUNCIL ACTION FORM

SUBJECT: ULTRAVIOLET DISINFECTION SYSTEM AT WATER POLLUTION CONTROL FACILITY

BACKGROUND:

On August 14, 2012, City Council approved a contract with Garney Companies for the construction of an Ultraviolet (UV) Disinfection System project at the City's Water Pollution Control (WPC) Facility in the amount of \$1,984,600.

Two change orders were issued totaling \$106,447.71 to complete the project as originally intended. The first change order in the amount of \$124,080.96 was to provide for significant alignment changes to a 60" pipe to tie existing piping into the new UV channels. As a result of alignment changes, additional shoring was needed and unexpected construction difficulties were encountered with the concrete thrust block encasing the existing pipe. The change order also included a monorail and hoist to be able to remove the UV units. Change Order Two was a credit in the amount of \$17,633.25 for a magmeter that did not function properly in this application.

As of March 13, 2015, all work associated with this project has been satisfactorily completed by the contractor. The final construction cost was \$2,091,047.71. An Engineer's Certification of Completion is attached.

ALTERNATIVES:

1. Accept completion of the construction of the WPC UV disinfection project and make final payment and release of retainage to Garney Companies in accordance with contract documents.
2. Do not accept completion of the WPC UV disinfection construction project at this time.

MANAGER'S RECOMMENDED ACTION:

Garney Companies has completed the construction of the WPC UV disinfection construction project to staff's satisfaction and a certification of completion has been issued by the Engineer.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.

March 13, 2015

Ms. Kristin Evans
Environmental Engineer
Ames Water and Pollution Control Department
300 E. 5th Street, Bldg #1
Ames, IA 50010

Dear Ms. Evans:

Subject: Ames WPCP Disinfection Project Acceptance

We hereby certify that the UV Disinfection project at the City of Ames Water Pollution Control Plan has been constructed in substantial conformance to the design documents. This certification is based on input from City staff observing the construction and periodic site visits by the design engineers.

We also recommend formal acceptance of the project from the Contractor.

Sincerely,

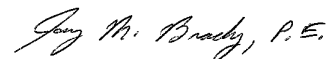
Stanley Consultants, Inc.



Jay Brady, P.E.
Principal Environmental Engineer

jmb:mjh:mus-fs2:22243:04:01:20150313_L_Evans_Acceptance.docx

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.



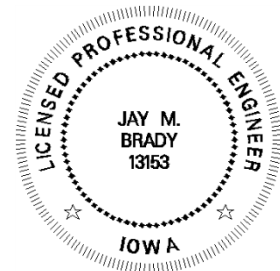
3/13/2015

Jay M. Brady, P.E.

3/13/2015

My license renewal date is December 31, 2016.

Pages or sheets covered by this seal: Letter



This document was sent electronically.