

KANSAS GEOLOGICAL SURVEY

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047-3726
Phone: 785-864-3965
Fax: 785-864-5317

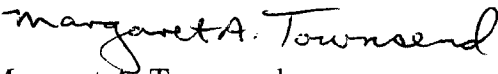
August 8, 2005

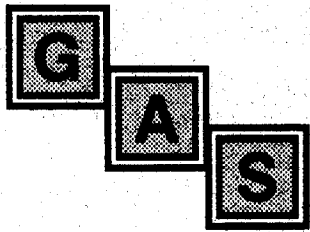
Donna J. Crawford, Project Coordinator
905 Joseph Drive
Lawrence KS 66049

Dear Ms. Crawford,

I have reviewed the materials submitted to me concerning the wastewater treatment plant for the city of Ogden, KS. Based on the information supplied to me the site and plans look sufficient to improve the facility. I have no further comments concerning the project. If you have questions please contact me at the above phone number.

Sincerely,


Margaret A. Townsend
Hydrogeologist



Governmental Assistance Services

905 Joseph Drive

Lawrence, Kansas 66049

785-832-2141 • Fax 785-832-1111

Toll Free 888-832-3335

e-mail: gasdonnaa@aol.com

August 2, 2005

Dr. William Harrison
KS Geological Survey
University of Kansas
1930 Constant Ave.-Campus West
Lawrence, KS 66047

RE: Environmental Review – Ogden, KS – Grant Submission – KDOC & KDHE
Revolving Loan \$1,200,332

Dear Dr. Harrison:

The City of Ogden, Kansas will be applying for a \$400,000 Kansas Department of Commerce grant and a \$800,322 KDHE state revolving loan to replace the city's wastewater pumping station and wet well.

The city is requesting comments from your department in reference to environmental impacts, floodplain information on the disturbance of the existing pump station and wet well location in the SW ¼ Section 7, Township 11S, Range 7 East.

Please submit all comments to Governmental Assistance Services, 905 Joseph Dr., Lawrence, KS 66049.

For additional information please contact Pat Cox, P.E., B. G. Consultants at 785-537-7448.

Sincerely,

Donna J. Crawford
Project Coordinator

Enc/ Eng. Info
Estimate of Costs
Project Map

STATE OF KANSAS
WATER/SEWER PROFILE
FOR STATE AND/OR FEDERAL ASSISTANCE

Five (5) copies of this form must be submitted along with the Engineering Reports to the CDBG program of the Kansas Department of Commerce before a KIAC meeting will be set up with the applicant. Profile and attachments must be submitted by the end of the month previous to the KIAC date requested.

City/County Involved: Ogden, Riley County Water/Sewer District: _____
Representative/Title: Wayne W. Henson-Mayor Employer ID#: 48-6087307
Address: 222 Riley Avenue, P.O. Box C
City/Zip Code: Ogden, Kansas 66517-0843
Telephone/Fax: 785-539-0311
County: Riley
Profile Preparer: BG Consultants, Inc., James Patrick Cox, P.E.
Address: 4806 Vue Du Lac Place
City/Zip Code: Manhattan, Kansas 66503
Telephone/Fax: 785-537-7448, 785-537-8793
Engineering Firm: BG Consultants, Inc.
Engineering Consultant: (Same)
Address: 4806 Vue Du Lac Place
City/Zip Code: Manhattan, Kansas 66503
Telephone/Fax: 785-537-7448, 785-537-8793

Description of Need: (Be specific regarding general service area description, i.e., townships served, etc.)
The City of Ogden, Kansas currently operates and maintains a citywide wastewater collection system comprised of approximately 43,540 feet of gravity sewer, 138 manholes, main wastewater pumping station, and non-discharging wastewater treatment lagoons. The current facilities were originally constructed in 1976 and are 29 years old. The main wastewater pumping station Steel dry pit and concrete wetwell have deteriorated to the point that they are unrepairable. Access to the below ground steel dry pit to service the wastewater pumps is very dangerous due to it's current condition. Over time the operation and maintenance costs associated with continuous operation of the wastewater pumping station have increases substantially. The wastewater pumping station due to it's deteriorated condition is no longer reliable and requires major rennovation or replacement.

Alternatives Considered to Date:

The City of Ogden, Kansas currently has no viable options other than replacing or rennovating the existing main city wastewater pumping station. All wastewater for the city drains by gravity to this pump station and is pumped to the wastewater treatment lagoons approximately 5000 feet away.

If invited to a KIAC meeting, entity must provide information on outstanding debt for applicable facility (amount, interest rate, annual obligation, term lender, etc.); also, the last two years' financial statements for an existing facility, or the first-year cost and rate projections for any new facility.

Circle Applicable
Project Type:

Drinking Water

Wastewater

\$	for next	Gallons
100	100	100
200	200	200
300	300	300
400	400	400
500	500	500
600	600	600
700	700	700
800	800	800
900	900	900
1000	1000	1000

Total monthly water consumption	4,563,834 gallons
Average monthly water consumption/household	9,128
Average monthly sewer bill \$	9.89 (current)

1. Acquisition	\$ 0.00
2. Construction	\$ 967,978.00
3. Architectural/Engineering fees	\$ 101,153.70
4. Inspection	\$ 98,000.00 (based on 7 months of construction)
5. Legal Expenses	\$ 15,000.00
6. Initial O & M	\$ 0.00
7. Miscellaneous (explain)	\$ 0.00
8. Administrative Expenses	\$ 18,200.00
9. SUBTOTAL	\$1,200,331.70
10. Less local cash	\$ 800,331.70 (KDHE-SRF Matching Funds)
11. TOTAL LOAN/GRANT NEEDED	\$ 400,000.00

Profile Preparer Signature: _____ Date: _____

ENGINEERS ESTIMATE
 SANITARY SEWER & WASTEWATER PUMPING IMPROVEMENTS
 OPINION OF PROBABLE PROJECT COST
 Ogden, Kansas

ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1. Mobilization	Lump Sum	L.S.	\$ 15,000.00	\$ 15,000.00
2. Generator	Lump Sum	L.S.	\$ 60,000.00	\$ 60,000.00
3. Above Ground Submersible Package Pump Station	Lump Sum	L.S.	\$ 200,000.00	\$ 200,000.00
4. Building Slab, Wetwell & Structural Support Walls	148	C.Y.	\$ 600.00	\$ 88,800.00
5. Common Excavation	3429	C.Y.	\$ 20.00	\$ 68,580.00
6. Dewatering	Lump Sum	L.S.	\$ 25,000.00	\$ 25,000.00
7. Bar Screen	Lump Sum	L.S.	\$ 132,000.00	\$ 132,000.00
8. Electrical & HVAC	Lump Sum	L.S.	\$ 30,000.00	\$ 30,000.00
9. Fence	520	L.F.	\$ 20.00	\$ 10,400.00
10. Seeding	Lump Sum	L.S.	\$ 4,000.00	\$ 4,000.00
11. 20' x 40' Building Enclosure	800	S.F.	\$ 90.00	\$ 72,000.00
12. Stairway Installation	Lump Sum	L.S.	\$ 4,000.00	\$ 4,000.00
13. Abandon Existing Pump Station	Lump Sum	L.S.	\$ 12,000.00	\$ 12,000.00
14. Site Grading	Lump Sum	L.S.	\$ 5,000.00	\$ 5,000.00
15. Air Release Valve Assembly	6	Each	\$ 1,200.00	\$ 7,200.00
16. 12" Force Main	5000	L.F.	\$ 27.50	\$ 137,500.00
17. 12" PVC Sewer Main	200	L.F.	\$ 27.50	\$ 5,500.00
18. Connect to Existing Manhole	Lump Sum	L.S.	\$ 3,000.00	\$ 3,000.00
SUB-TOTAL				\$ 879,980.00
CONSTRUCTION CONTINGENCY (10%)				\$ 87,998.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 967,978.00
ENGR., LEGAL, GRANT ADM, CONST. ADM.				\$ 232,353.70
OPINION OF PROBABLE PROJECT COST				\$ 1,200,331.70
CDBG GRANT AMOUNT				\$ 400,000.00
MATCHING FUNDS FROM KDHE-SRF				\$ 800,331.70
BI-ANNUAL DEBT PAYMENT (2.60%, 20 yrs.)				\$ 25,786.19
AVERAGE MONTHLY COST INCREASE PER BILL				\$ 8.25

Ogden, Kansas

Sanitary Sewer and Wastewater Pumping Improvements

