

Donna J. Crawford
Grant Administrator
Governmental Assistance Services
905 Joseph Drive
Lawrence, Kansas 66049

Geohydrology Section
Kansas Geological Survey
1930 Constant Avenue
Lawrence, KS 66047
May 28, 2008

Dear Ms. Crawford:

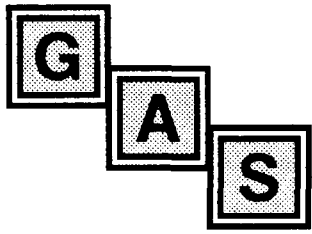
I have reviewed the information provided to me concerning the City of Ogden improvements to the sanitary sewer system. Based on the information provided to me the project looks sound and should be approved.

The above comments are based on regional geologic conditions and limited information available to the KGS at the time of writing and cannot be used in substitute for a detailed site characterization. Other geologic conditions, not discussed here, or for which the KGS has no knowledge, may affect the viability or safe operation of this facility or property. Geotechnical engineering and design are outside the purview of the KGS. It is the responsibility of the applicant to produce any detailed site characterizations, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

Sincerely,

A handwritten signature in cursive script that reads 'Margaret A. Townsend'.

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@sunflower.com

May 12, 2008

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

RE: Environmental Review - Ogden, KS – Sanitary Sewer Upgrades
Grant #08-PF-829

Dear Dr. Harrison:

The City of Ogden, Kansas has received \$400,000 from the Kansas Department of Commerce to replace the Walnut Street pumping station and to install 5000 LF of 12" force main and 200 LF of 12" PVC. The total cost of the project is \$1,200,332.

The project is located within the SW ¼ Section 7, Township 1S, Range 7E as depicted on the improvements map.

The city is requesting your clearance of the project. Please submit all comments to: Governmental Assistance Services, 905 Joseph Dr., Lawrence, KS 66049 or e-mail to gasdonnaa@sunflower.com.

If you have additional questions please call Pat Cox, PE, BG Consultants, at 785-537-7448.

Sincerely,

Donna J. Crawford
Grant Administrator

Enc/ Cost Estimates
Site Map
City Map

OPTION 2

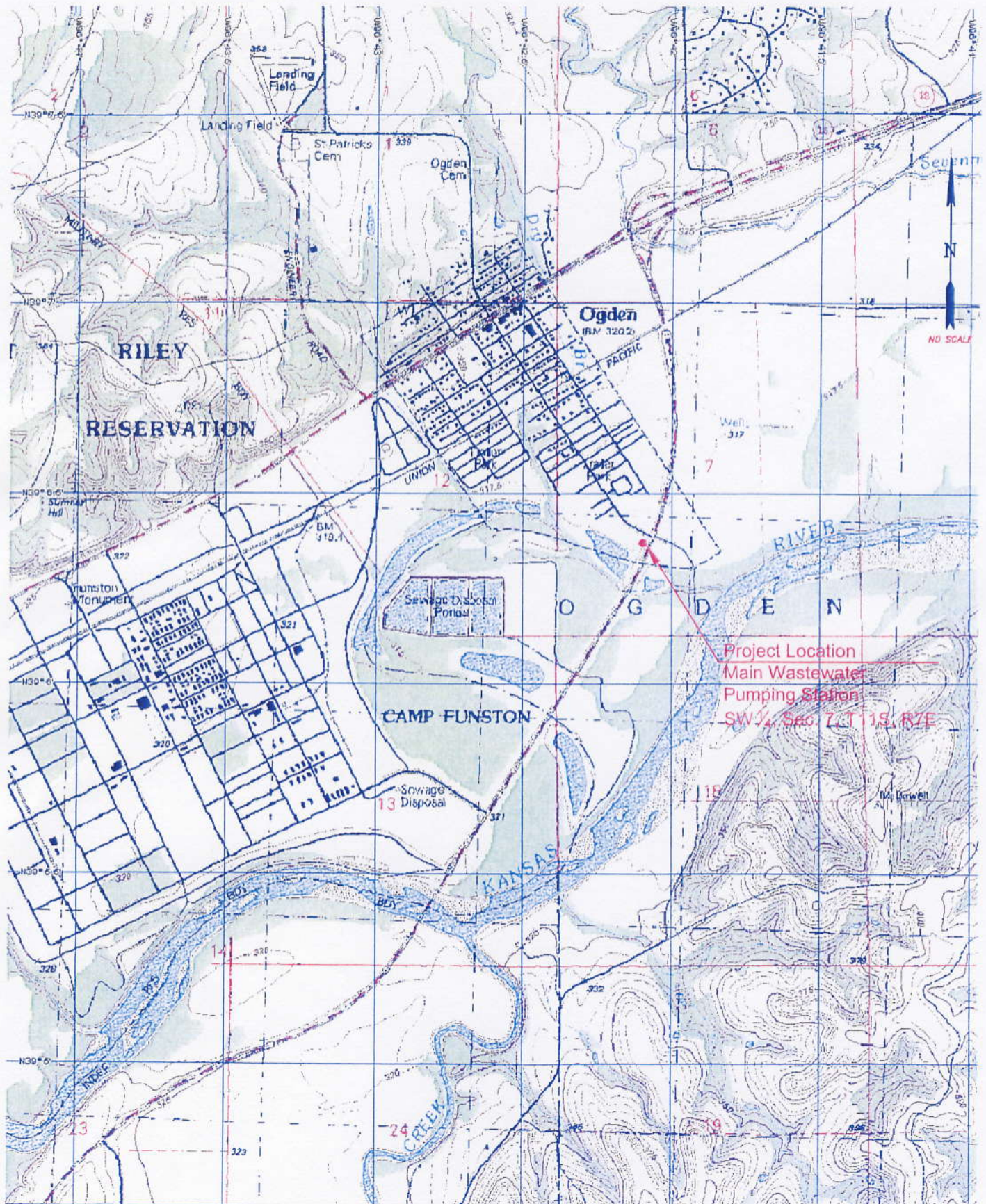
ENGINEERS ESTIMATE
2007 WASTEWATER PUMPING SYSTEM IMPROVEMENTS
OPINION OF PROBABLE PROJECT COST
Ogden, Kansas

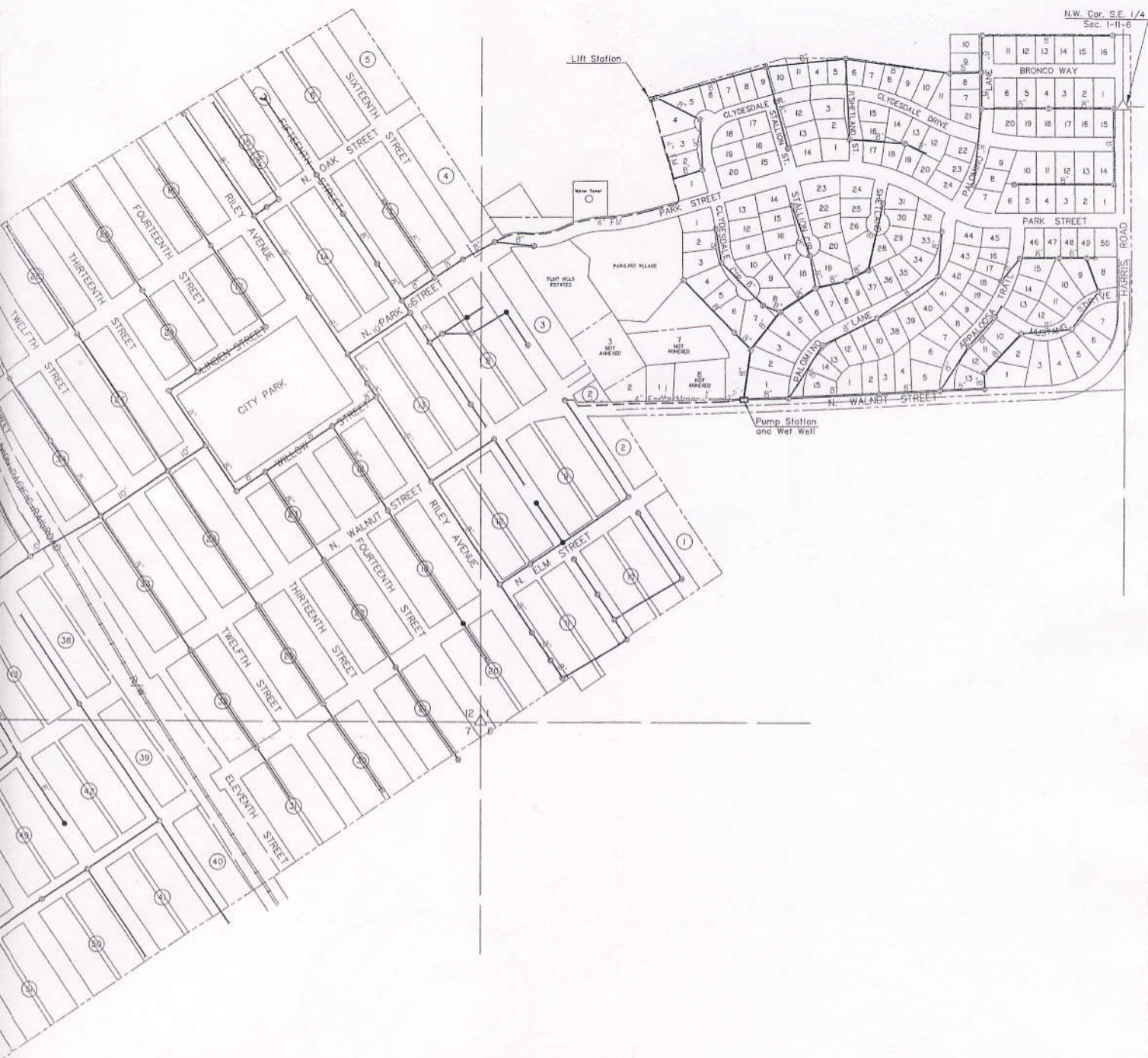
8/31/2007

ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1. Mobilization	Lump Sum	L.S.	\$ 35,000.00	\$ 35,000.00
2. Generator	Lump Sum	L.S.	\$ 70,000.00	\$ 70,000.00
3. Above Ground Submersible Package Pump Station	Lump Sum	L.S.	\$ 205,000.00	\$ 205,000.00
4. Building Slab, Wetwell & Structural Support Walls	148	C.Y.	\$ 675.00	\$ 99,900.00
5. Common Excavation	3429	C.Y.	\$ 25.00	\$ 85,725.00
6. Dewatering	Lump Sum	L.S.	\$ 32,000.00	\$ 32,000.00
7. Bar Screen	Lump Sum	L.S.	\$ 149,753.00	\$ 149,753.00
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				\$ 967,978.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 967,978.00
DESIGN ENGINEERING				\$ 101,153.70
CONSTRUCTION INSPECTION				\$ 98,000.00
GRANT ADMINISTRATION				\$ 18,200.00
LEGAL				\$ 15,000.00
OPINION OF PROBABLE PROJECT COST				\$ 1,200,331.70
 CDBG GRANT AMOUNT				 \$ 400,000.00
MATCHING FUNDS FROM KDHE-SRF LOAN				\$ 800,331.70
BI-ANNUAL DEBT PAYMENT (2.58%, 20 yrs.)				\$ 25,738.08
AVERAGE MONTHLY COST INCREASE PER BILL (540 CONNECTIONS)				\$ 7.94

Ogden, Kansas

Sanitary Sewer and Wastewater Pumping Improvements





north ➔

SANITARY SEWER FACILITIES

CITY OF

OGDEN

KANSAS

LEGEND

- ① BLOCK NUMBER
- △ SECTION CORNER
- CORPORATE LIMITS
- 12" — SEWER PIPE W/SIZE
- SANITARY MANHOLE
- SAN. MANHOLE NOT FOUND
- CLEANOUT
- 4" — FORCE MAIN W/SIZE
- — PRIVATE SAN. SEWER LINE



2006 Wastewater
Pumping System
Improvements