



GREELEY AND HANSEN

7820 Innovation Boulevard, Suite 150
Indianapolis, Indiana 46278
p 317 924 3380
f 317 228 9368
www.greeley-hansen.com

September 19, 2016

Mr. David Henderson
Utility Director
Wastewater Treatment Utility
500 South River Road
West Lafayette, IN 47906

Subject: Western Sanitary Sewer Interceptor
Capacity Allocation Study

Dear Mr. Henderson:

We are pleased to submit this proposal for professional engineering services to assist the City of West Lafayette in developing exhibits to better manage the capacity of the Western Sanitary Sewer Interceptor (WSSI). The exhibits will be used to assure long-term capacity requirements can be met for the City of West Lafayette and its customers.

The proposed scope of services is as follows:

- Prepare exhibits showing service area tributary to the WSSI based upon property ownership for the City of West Lafayette, Purdue University and Purdue Research Foundation. Aerial photography used to develop the exhibits will be the latest available from the Tippecanoe County GIS. Property information used to develop the exhibits will be provided by the City of West Lafayette.
- Summarize interceptor sewer design flow rates by property ownership information (i.e., City of West Lafayette, Purdue University and Purdue Research Foundation).
- Prepare exhibits showing interceptor sewer design flow rates for City of West Lafayette, Purdue University and Purdue Research Foundation by major interceptor sewer reach. Major interceptor sewer reaches include: north of Lindberg Road; Lindberg Road to Cherry Lane; Cherry Lane to State Street; State Street to Airport Road; Airport Road to Intramural Drive; and Intramural Drive to City of West Lafayette Water Resource Recovery Facility.
- Review current WSSI flow rate and development (acres developed). Determine if current flow is at, above or below the flow anticipated in the basis of design. Use aerial photography from Tippecanoe County to estimate current development and flows. Compare estimated flow to actual flow recorded (open channel flow meter) at the downstream end of the WSSI.
- Meet with City to review exhibits and receive comments.
- Finalize exhibits based upon City comments.

Compensation for these services will be on a time and material basis for a not to exceed amount of \$20,000.00. We will commence work on the project upon the City's acceptance of this proposal and be complete within four (4) weeks.

If this proposal is acceptable to the City, please indicate by signing this letter agreement and returning one copy to my attention.

Mr. David Henderson

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We look forward to being of continued service to the City of West Lafayette.

Yours very truly,

Greeley and Hansen LLC

Nicole Spieles, P.E.
Managing Director, Midwest

cc: Joe Teusch, Greeley and Hansen

Proposal Accepted:

City of West Lafayette

David Henderson
Utility Director