



State of Utah

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WATER QUALITY BOARD
REQUEST FOR HARDSHIP PLANNING ADVANCE TO
PREPARE WASTEWATER COLLECTION/TREATMENT FEASIBILITY STUDY
AUTHORIZATION

APPLICANT: Plain City
4160 W 2200 N
Plain City, Utah 84404
Telephone: 801-309-5206

PRESIDING OFFICIAL: Mayor Bruce Higley

CONTACT PERSON: Bren Edwards, Public Works Director

TREASURER: Diane Hirschi

CONSULTING ENGINEER: Brad Rasmussen, P.E.
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Bountiful, Utah 84010

CITY ATTORNEY: Brandon Richards
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801-394-0231

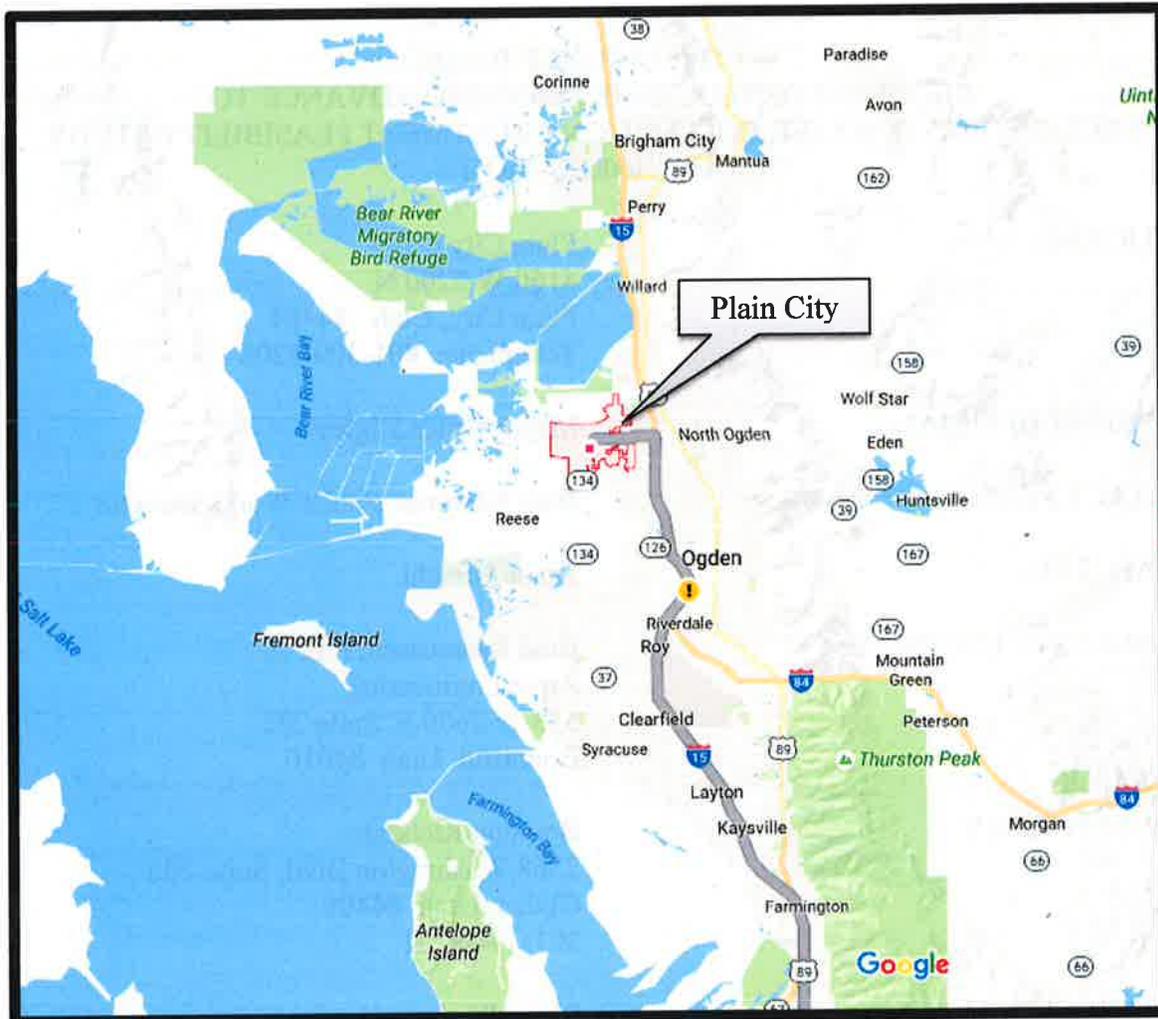
BOND COUNSEL: Blake Wade
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201 S. Main Street, Suite 800
Salt Lake City, Utah 84111
801-531-3000

APPLICANT'S REQUEST:

Plain City is requesting a **hardship planning advance in the amount of \$55,000** to complete a wastewater Facility Plan to evaluate alternatives to meet expected growth and phosphorus limits.

APPLICANT’S LOCATION

Plain City has a population of approximately 5,500 and is located in Weber County, 45 miles north of Salt Lake City.



BACKGROUND

Plain City owns and operates a collection system with sixteen (16) lift stations and a six cell discharging aerated lagoon (a pair of three cell tracks) which was constructed in 1970. The lagoons have a design flow of 1.75 mgd and an average flow of 0.60 mgd that discharge into a drainage ditch that flows from Dix Creek to the Harold S. Crane Waterfowl Management Area and ultimately to the Willard Spur area of the Great Salt Lake.

The City intends to commission a Facility Plan to explore alternatives to plan for and accommodate future growth and the recently enacted phosphorus limit.



PROJECT DESCRIPTION:

The wastewater Facilities Plan will provide a comprehensive review of the City’s wastewater collection and treatment system, including a thorough alternatives evaluation with life cycle cost analysis for a minimum 20 year planning window.

The study shall include:

- Analysis of present and future conditions
- Alternatives analysis (including the no-action alternative) for future flows and the facility’s phosphorus limit
- Recommendation of a preferred alternative
- Project and implementation plan
- Life cycle financial analysis of all alternatives and long term planning recommendations including rate increases.
- Public participation
- Preliminary environmental review

IMPLEMENTATION SCHEDULE:

The Facility Plan is scheduled to take eighteen months with an estimated completion date of March 1, 2018.

PROJECT PRIORITY LIST

This is a planning project. It will be ranked when a recommended project alternative has been identified and a request for funding has been submitted.

COST ESTIMATE:

The base planning effort for this Facility Plan is \$65,000. The City is contributing \$10,000 towards this planning effort and is requesting \$55,000 from the Water Quality Board to assist with this project.

STAFF RECOMMENDATION:

Staff recommends the Board **authorize a hardship planning advance of \$55,000** to Plain City to be repaid when a project is identified and funded.

SPECIAL CONDITIONS:

- The Division of Water Quality must approve the engineering agreement and plan of study before the advance will be executed.
- An approvable Facility Plan must be submitted to the Division of Water Quality at the completion of the project.