

Date	January 21, 2016
To	Steven J. Burian
From	Matthew Chaney, Manjot Kaur, Brittany Van Grouw
Subject	Group Topic

**Purpose:** The purpose of the project will be to explore the high dissolved oxygen (DO) levels in the Jordan River, evaluate different alternatives to reduce DO levels, and recommend an alternative to the DEQ. Data will be taken from the Jordan River TMDL and QUAL2Kw model. This will be implemented into a WEAP model, creating a variety of scenarios to evaluate DO levels along the river.

Group Members include: Matthew Chaney, Manjot Kaur and Brittany Van Grouw. Brittany Van Grouw is a second year graduate student working under Dr. Michael Barber creating a WASP model to study the eutrophication of the Jordan River. She is currently working part time at AECOM as a Water/Wastewater Engineer. Manjot Kaur is a first year graduate student; she works at Central Davis Sewer District as an intern. Primarily focusing on nutrient reduction in the effluent at the treatment plant. Matthew Chaney is a second year graduate student in Water Resources Engineering and working as a Water Resources Engineer for AECOM.

The primary stakeholder for this project will be the Utah Division of Environmental Quality. "The DEQ's mission is to safeguard public health and our quality of life by protecting and enhancing the environment. We implement State and federal environmental laws and work with individuals, community groups, and businesses to protect the quality of our air, land and water"[1].

#### Reference:

1. Division of Environmental Quality. "Welcome to DEQ." *Utah DEQ: About DEQ*. N.p., 19 Jan. 2016. Web. 21 Jan. 2016.

