

The banner features a stylized illustration of a rocky, arid landscape with sparse green vegetation and a large, light-colored rock formation on the left. The background is a solid blue gradient.

# *Murray*

## CSO CONTROL PROJECT



### **Preliminary Geotechnical Findings**

The project's initial geotechnical evaluation has largely confirmed the project team's expectations about the project site's geotechnical conditions. Although further geotechnical work after the buildings are removed from the project site will provide new and important information, initial geotechnical analysis indicates:

- The groundwater level is approximately 2-3 feet below the surface.
- The site has a deep trough of alluvium deposits - a mix of sand, peat and clay- running east-west through its middle to a depth of about 70 feet.
- Harder glacial soils are located below the alluvium deposits and at much shallower depths at the north and south ends of the site.
- Constructing facilities in alluvium deposits is feasible, although more complex than construction in glacial soils.
- The DAG will be able to review and discuss potential construction techniques that account for the site conditions after geotechnical analysis is complete and design decisions related to site configuration (facility location, etc)