

Final Presentation
Tuesday April 29, 3:30 – 6 PM
ECCE 1B41

Each team will do a 15-minute presentation summarizing their project deliverables. All team members should participate in developing the presentation, but a subset may be selected to speak. Regardless of how many members give parts of the presentation, all members should be at the front of the room available to answer questions.

There will be 5 minutes for questions from the audience at the end of each presentation.

Presentation Content:

1. **Phase 1 Facility Plan:** introduce the design team, cover project scope, current wastewater treatment plant status, discharge permit requirements, objectives of the upgrade.
2. **Phase 2. Upgrade design.**
 - a. New process design and predicted treated water quality compared to permit
 - b. Secondary process layout at plant site and hydraulic profile, aeration and pumping costs
 - c. Tank design
 - i. Geotechnical
 - ii. Structural
3. **Phase 3, Value engineering component.** Select the component of your design (from Phase 2) that you think will be the most difficult and/or expensive to construct. Suggest an alternative that will result in savings of: money, construction time, materials, etc., and explain how savings will be made.

General guidelines.

Use PowerPoint for presentations. There will be a laptop PC and projector ready. Either e-mail your presentation to JoAnn Silverstein (joann.silverstein@colorado.edu) by 1 PM Tuesday, 4/29 or bring a USB (flash) drive or CD to class so we can run all presentations from the same computer. To make sure there are no compatibility issues, save your presentation file in the Windows 92-XP version of PowerPoint, NOT the Office 2007 version. Avoid video clips or other animated presentations, there is a good chance they will not work.

Stay within the time limit. You should try to restrict your presentation to 10 or fewer slides on average, depending on the amount of content on each slide; for example, photo illustrations generally take less time. Be sure to review your slides to make sure they are readable – appropriate text and/or object sizes and color contrast are important.

This is a professional presentation. Rehearse more than once. Use your best speakers. Anticipate questions and decide in advance who will be ready to answer various types of questions. Dress appropriately. You may bring paper copies of your slides (3 per page format) if you want.