

# ENVE 3030 SOLID WASTE ENGINEERING

## TERM PROJECT

***Due on May 15, 2017 (17:00)***

***Projects will be checked on May 16, 17 and 18. The hours will be announced soon.***

Estimate the area required for a new landfill with a useful life of 10 years for the city \_\_\_\_\_  
(choose one from the list) and determine the distribution of landfill leachate and gas production over time for 30 years.

- You may do the project in groups of maximum 3 students
- Same city cannot be chosen by two groups
- Assume realistic MSW generation rates and compositions
- Cite all of the assumptions
- Prepare simple Excel worksheets and if needed use macros in your calculations
- Prepare a project report of maximum 4 pages
- Do not show all the repeating calculations in your report. Only give the first calculation.
- Prefer to present the results using tables and graphs.
- Calculations and results will be checked during project check.