# Lab 01 (Due Tuesday, January 20th, 2015)

# Preparing a Formal Laboratory Report

The main objective of this laboratory is to prepare a formal laboratory report using the template provided. The report will be based on a simple area determination.

Determine the area of the field shown below in both acres and hectares.

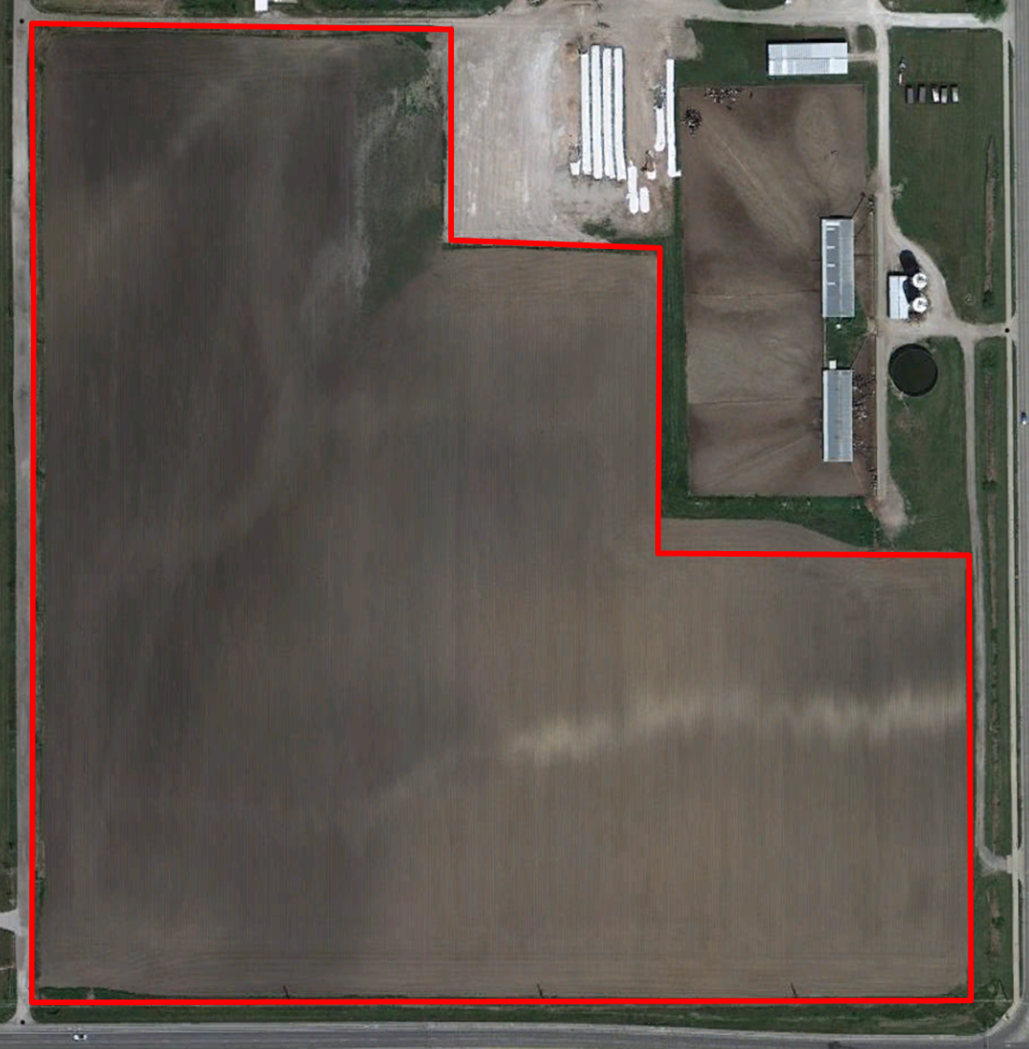


Figure 1. Aerial view of field.

Table1. Coordinates of field boundary.

|  |  |  |
| --- | --- | --- |
| Long/Lat Coordinates | | |
| 1 | -88.223664 | 40.0868791 |
| 2 | -88.22151678 | 40.0868791 |
| 3 | -88.22151679 | 40.08644101 |
| 4 | -88.22044318 | 40.08644101 |
| 5 | -88.2204432 | 40.08561961 |
| 6 | -88.21915488 | 40.08561961 |
| 7 | -88.21915495 | 40.08370848 |
| 8 | -88.223664 | 40.083703 |
| 9 | -88.223664 | 40.08561961 |
|  | | |
| Local Origin | -88.223664 | 40.083703 |

Write a report that describes what you have done and that provides the results of your analysis. Includes any tables and figures that you deem appropriate.