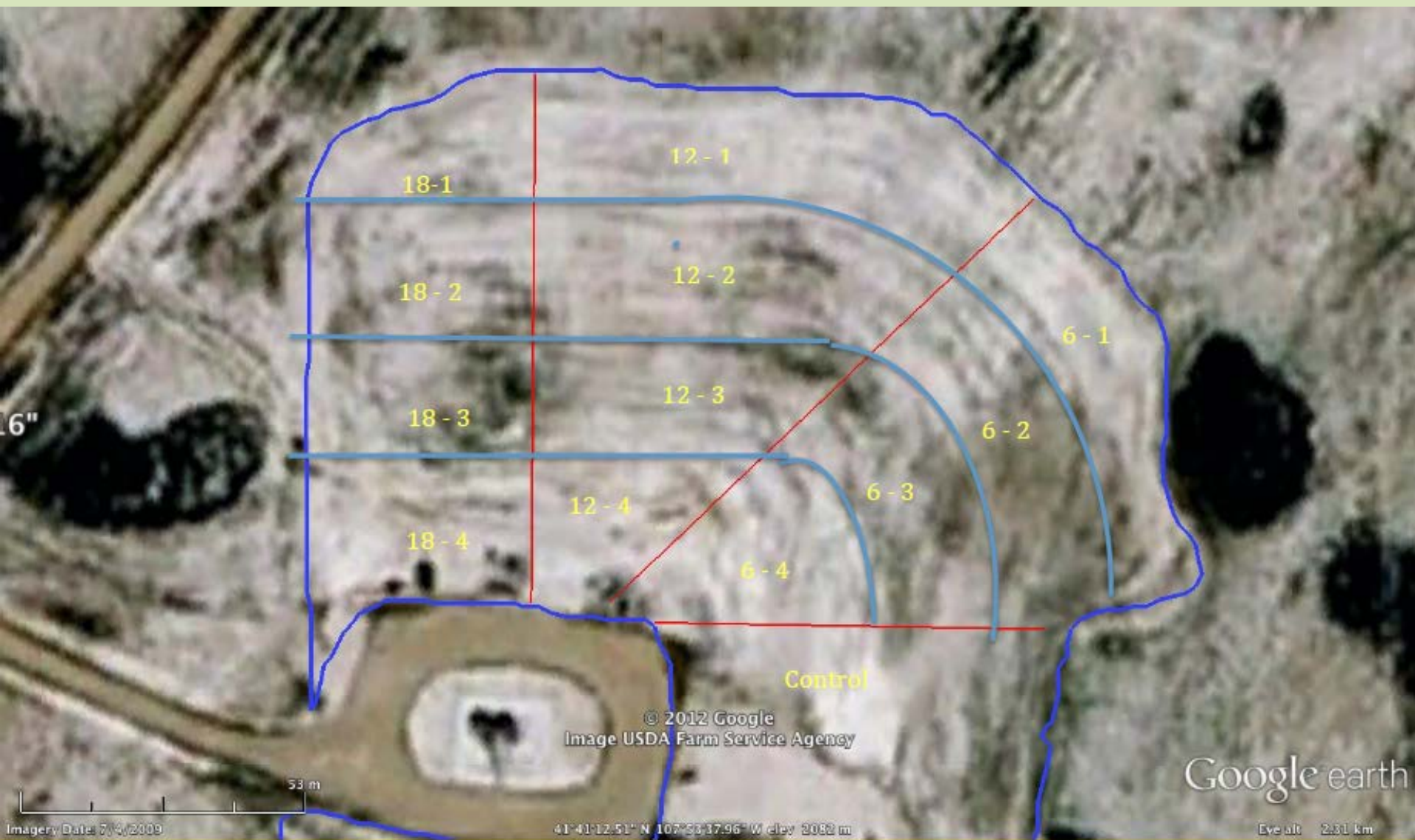


Compost Rates for Remediating Reclaimed Saline soils

- Calvin Strom Research Scientist Wyoming Reclamation and Restoration Center
- BP America
- KC Harvey
- Statistics-Dr. David Legg
- TerraFirma Jackson, Wyoming



Latham Draw 29-2



Compost

- Municipal solid waste compost

Donated by TerraFirma Organics
(Dane Buk) Jackson, Wyoming

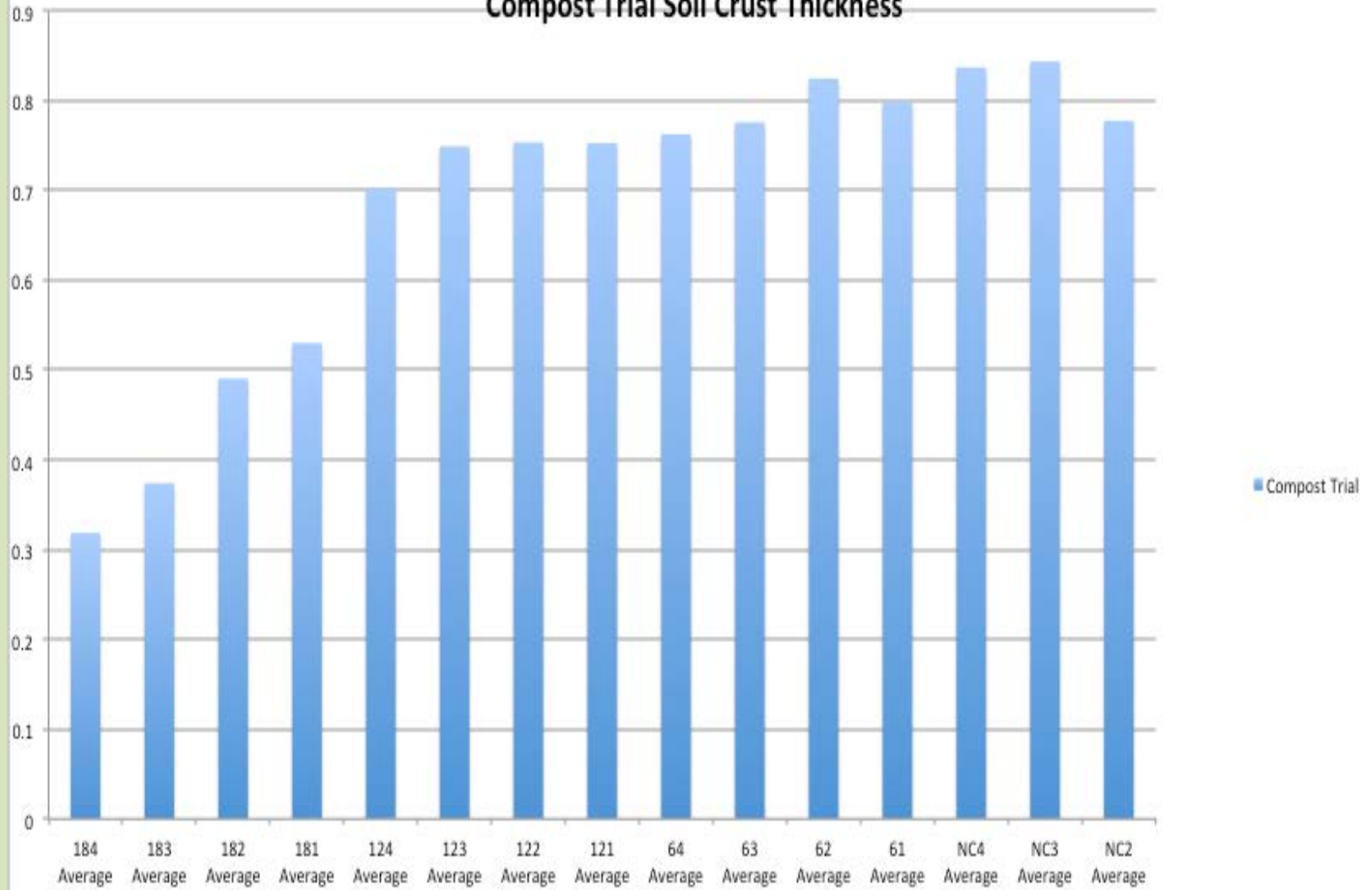
Soil Properties

- Soil crust
- Electrical conductivity (EC)
- Soil Organic Matter (SOM)
- Microbial Biomass
- pH

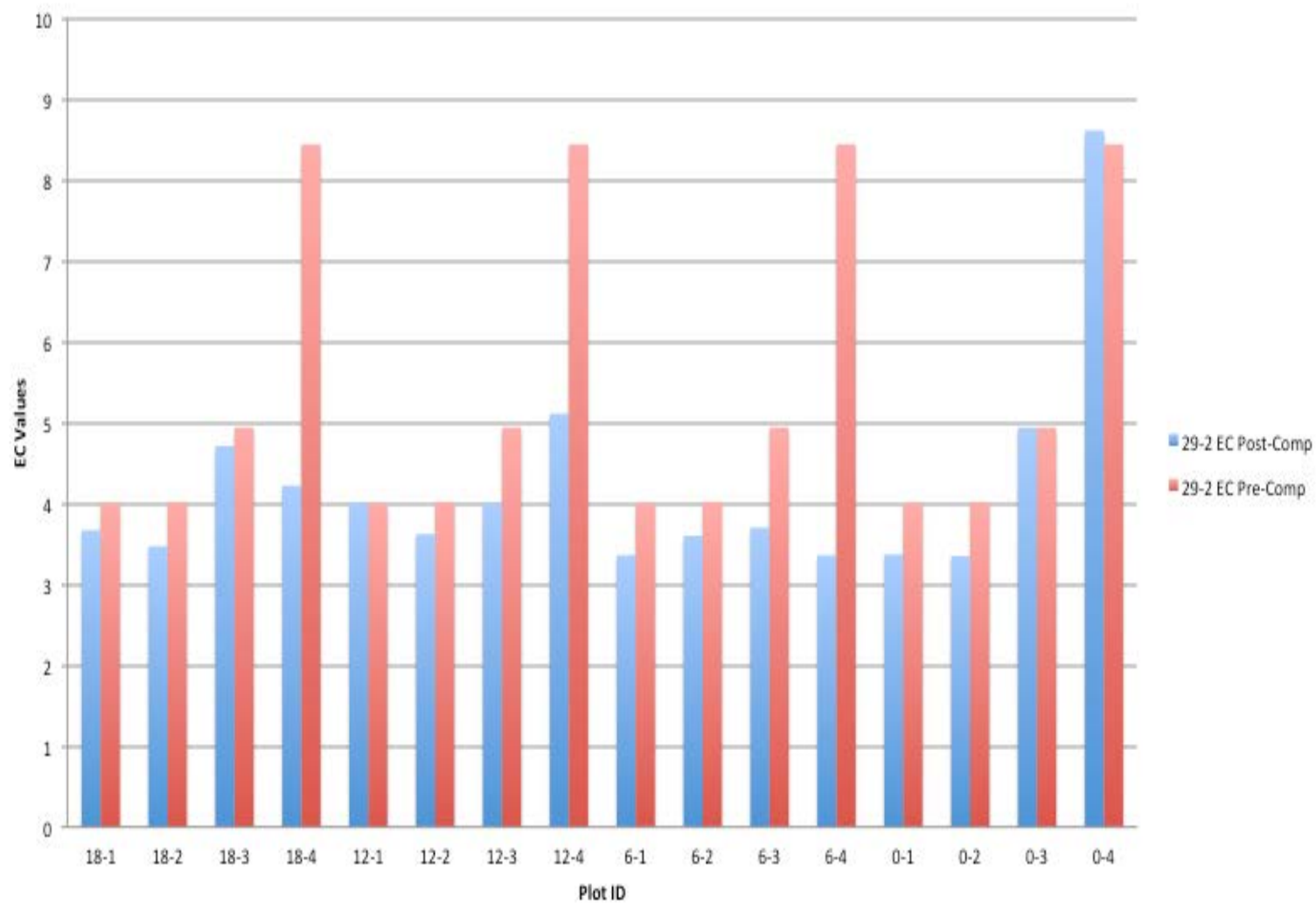
Statistical Analysis

- Conducted using one way analysis of variance in a randomized complete block design
- Tested null hypothesis that the average responses were the same among all compost treatments and (control) versus the alternate that at least two were different
- Post hoc tests were conducted using Fisher's Protected LSD
- Statistical computations were facilitated using the GLM procedure of the Statistical Analysis System (V.9.3)

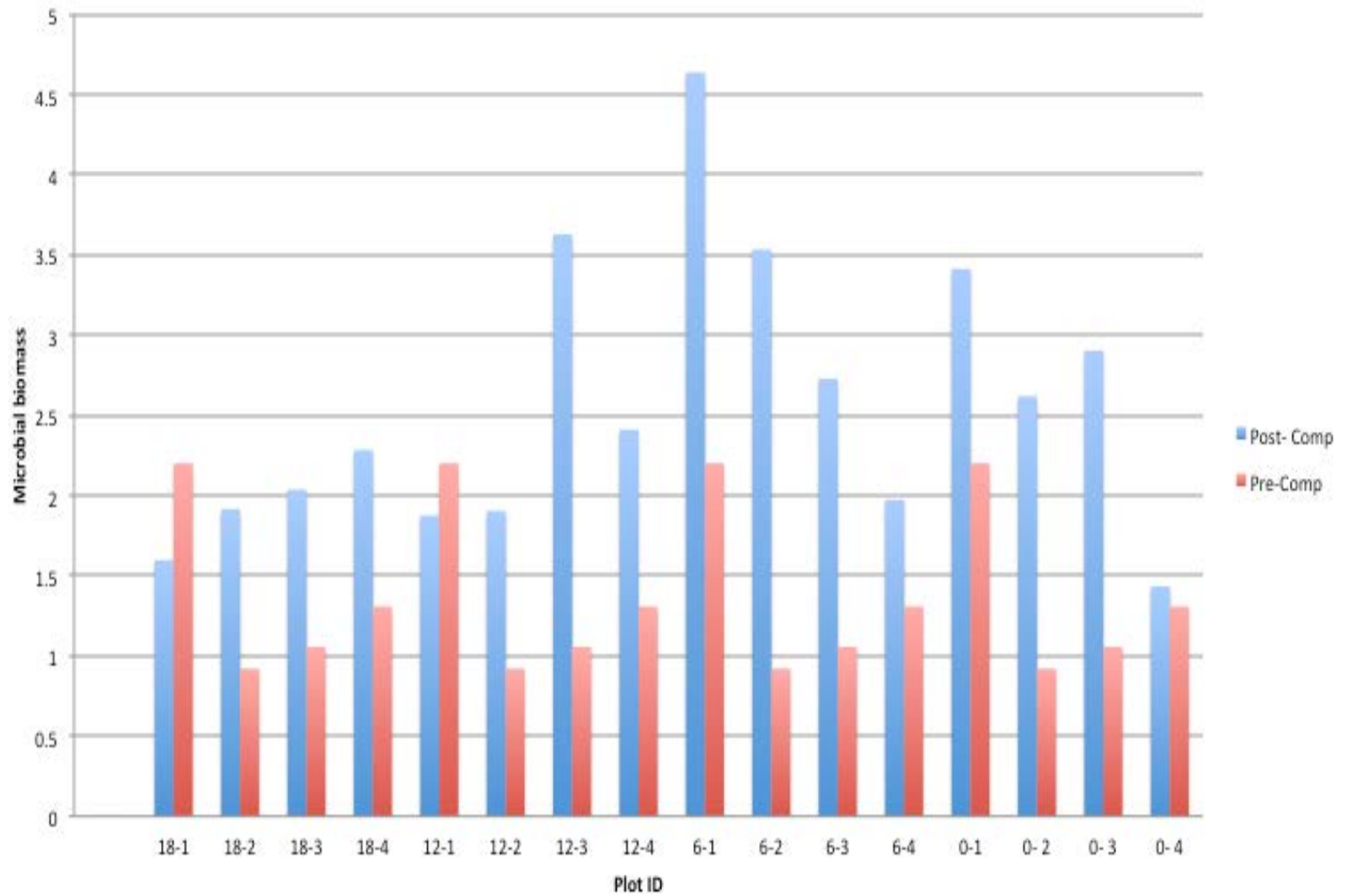
Compost Trial Soil Crust Thickness



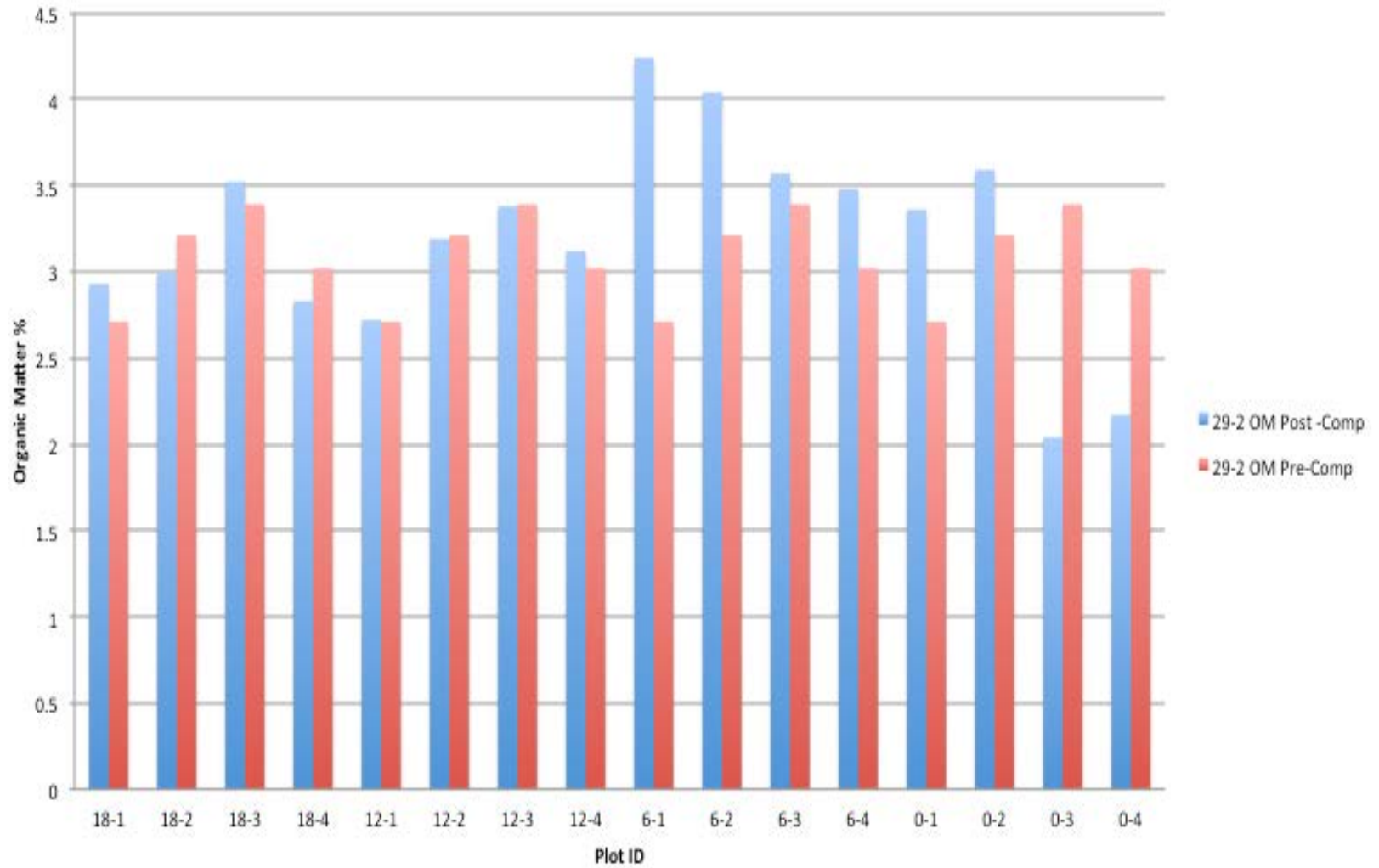
EC Values



Microbial Biomass



Organic Matter Content



Questions

