

# Meeting Minutes

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Date: September 8, 2017

Time: 8am

Location:

In Attendance: Jake Hall, Adam O'Keefe, Joe Stanley, Will Seegmiller, Rachel Rosasco

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## Discussed Items:

- Brian will be team mentor
- Challenges –
  - Resource depletion – soil depletion
    - 100yrs phosphate left
  - Biochar can hold phosphate fixing soil and stopping algae bloom
  - Use of biochar as filter is possibility
- CO2 carbon sequestered into soil, problems are pH at the end
- 4-6 yd<sup>3</sup> soil
- Biomass sold at \$30/ton
- Biochar can improve production, soil quality, climate change
- Can change amount of biochar vs energy in desired system to optimize production
- Burn methane to produce CO2
- Combine heat and power system
- Logbook –
  - Cross out open space
  - Meeting summaries
  - Emails and calls
  - Website research

## Action Items:

*Items to be worked on before next meeting, includes continuation of previous action items not completed*

| Team Member | Action Title     | Action Description |
|-------------|------------------|--------------------|
| Jake        | Project Learning | Boiler system      |
| Will        | Project Learning | Pyrolysis process  |
| Joe         | Project Learning | Overall process    |
| Adam        | Project Learning | Biochar kilns      |
| Rachel      | Project Learning | Biochar            |

