

# Floc Blanket Fall 09 Research Goals

## Goals for Fall 09

Subteam Leader: Matt Hurst

### Challenges

- Test effect of floc blanket with NOM
- Test effect of pH on floc blanket performance (if possible)
- Conduct tests with low turbidity and NOM
- Model particle removal mechanisms in the floc blanket

### Bibliography

### Deliverables

- Documented effects of organic interaction with clay and alum system
- Complete model of particle removal mechanisms in the floc blanket with the approval of Dr. Weber-Shirk and Prof Lion
- Draft of paper investigating effects of NOM, pH and low turbidity water on floc blanket performance