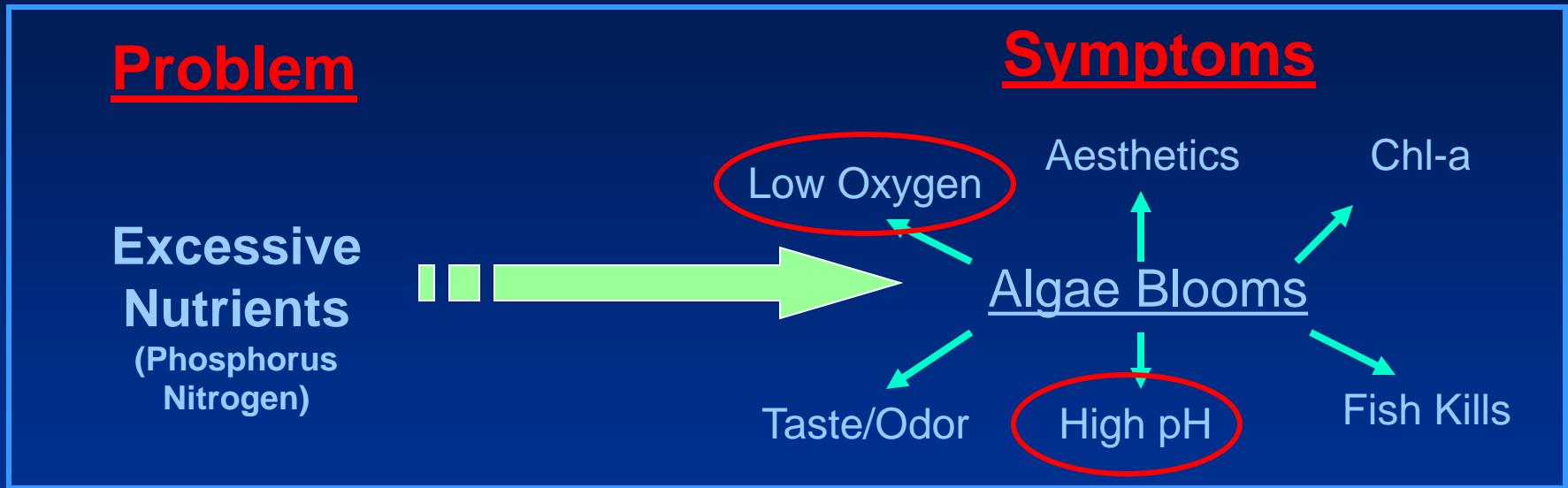


2011 Limnocorral Study at Barr Lake



*~ Improve linkages between pH, TP,
and Chl-a*

Water Quality Issue



Eutrophication caused by excessive nutrients (**Phosphorus** and **Nitrogen**) leads to many undesirable water quality symptoms.

Limnocorral Study

Corrals

- 18,000 gallons
- 10 meters deep
- 4 meters in diameter
- impervious
- 94% Inflows from Canal

Liquid Alum

- About 1-2 gallons per corral
- Permit required

Aeration System

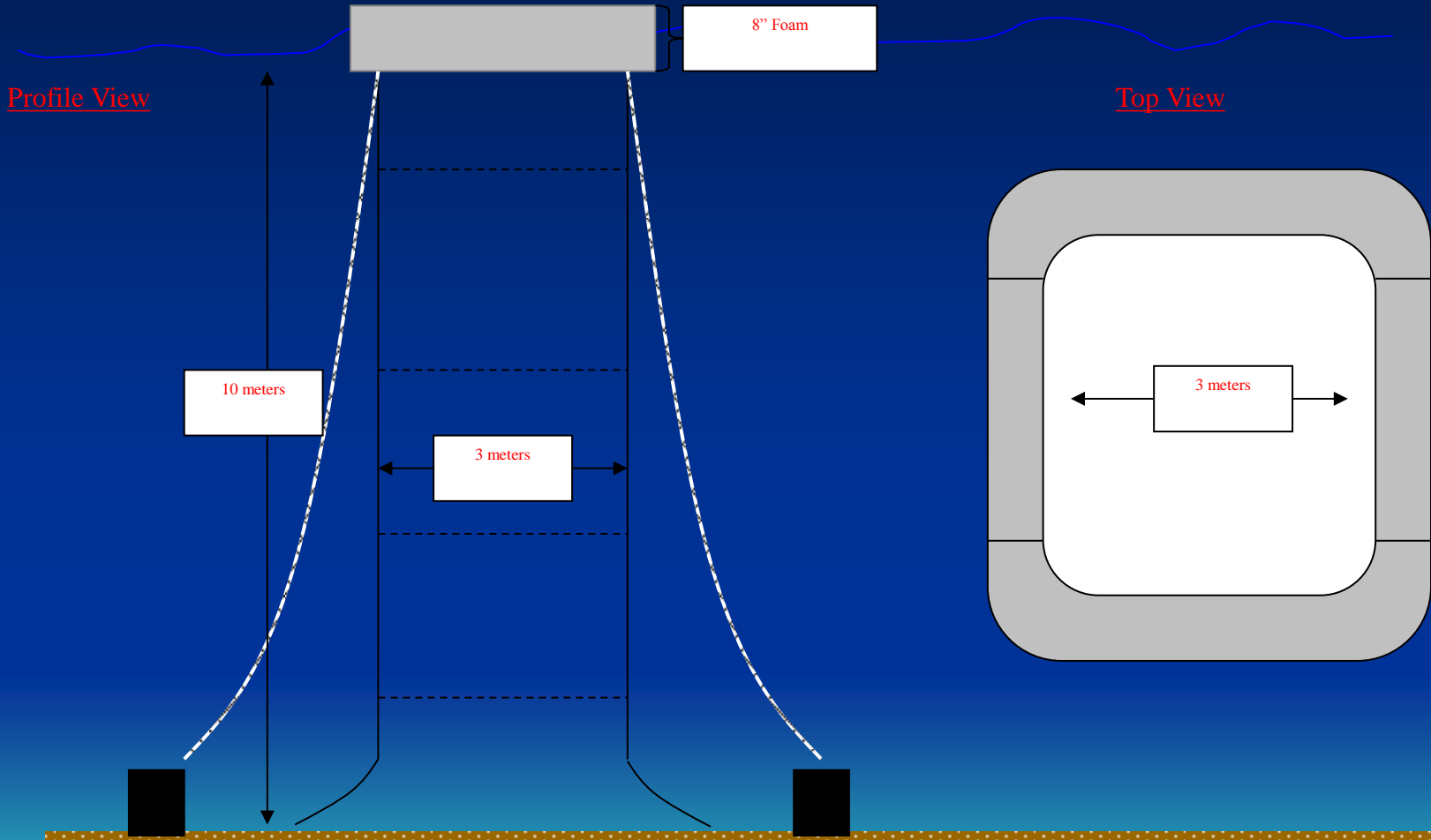
- ½ hp air compressor
- 600 feet of weighted air line
- 4 porous rock diffusers

Monitoring

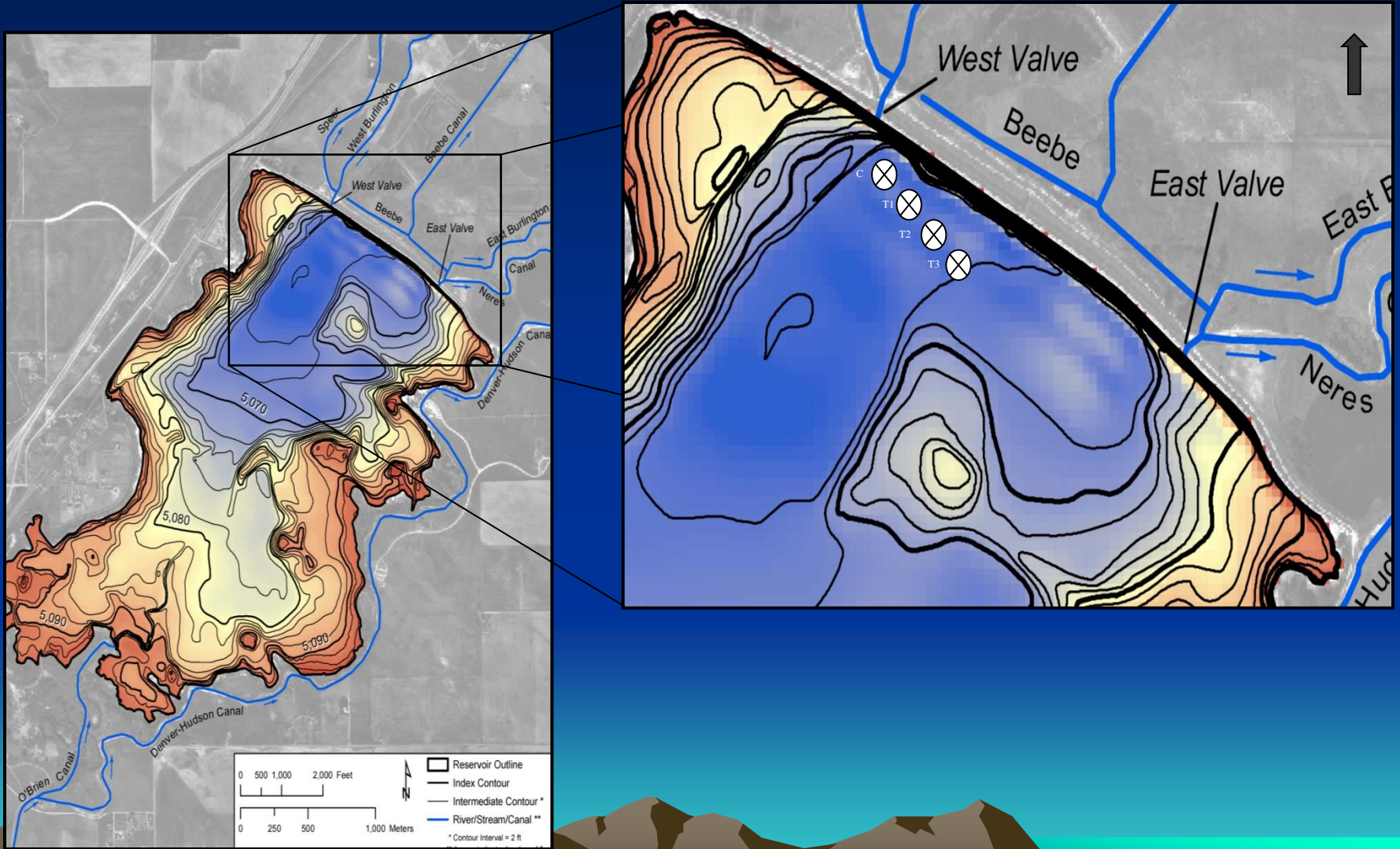
- Weekly/Bi-weekly
- Profiles
- P, N, Chl-a, and ALK



Reservoir Management



Location





Profile Data

Limnocorral Study - Barr Lake (7-05-11)

