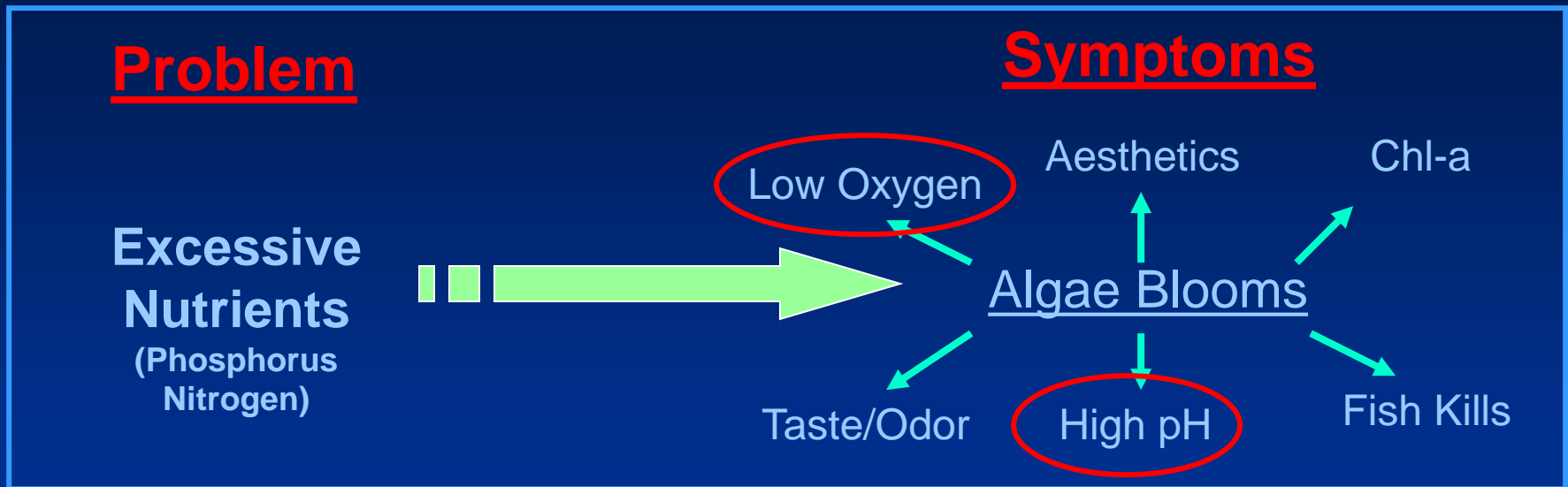


# 2011 Limnocorral Study at Barr Lake



*~ 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

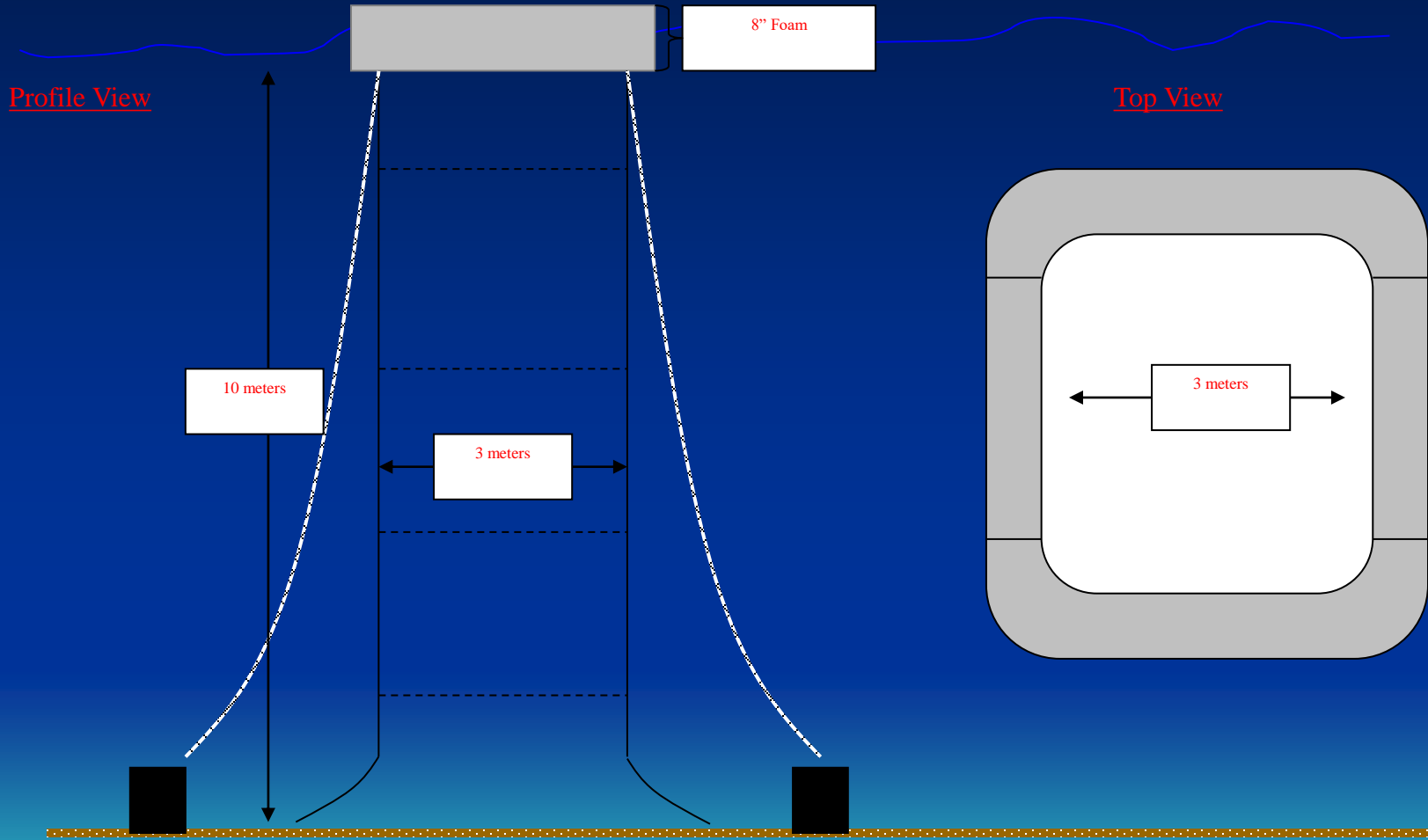
- ½ hp air compressor
- 600 feet of weighted air line
- 4 porous rock diffusers

## Monitoring

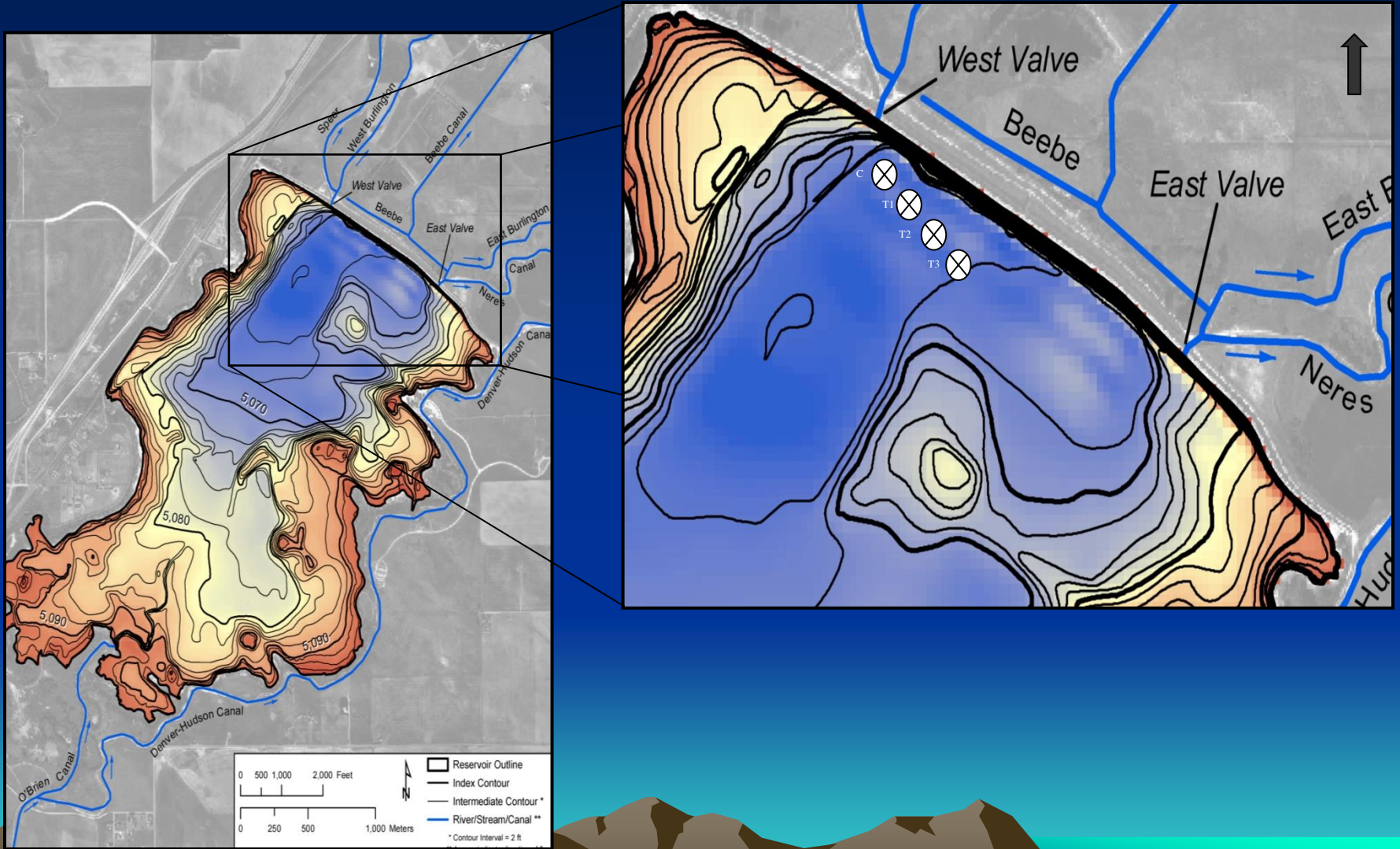
- Weekly/Bi-weekly
- Profiles
- P, N, Chl-a, and ALK



# Reservoir Management



# Location







07.05.2011 14:03



07.05.2011 14:03



07.05.2011 14:02

# Profile Data

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

