

# Applicability Scenarios

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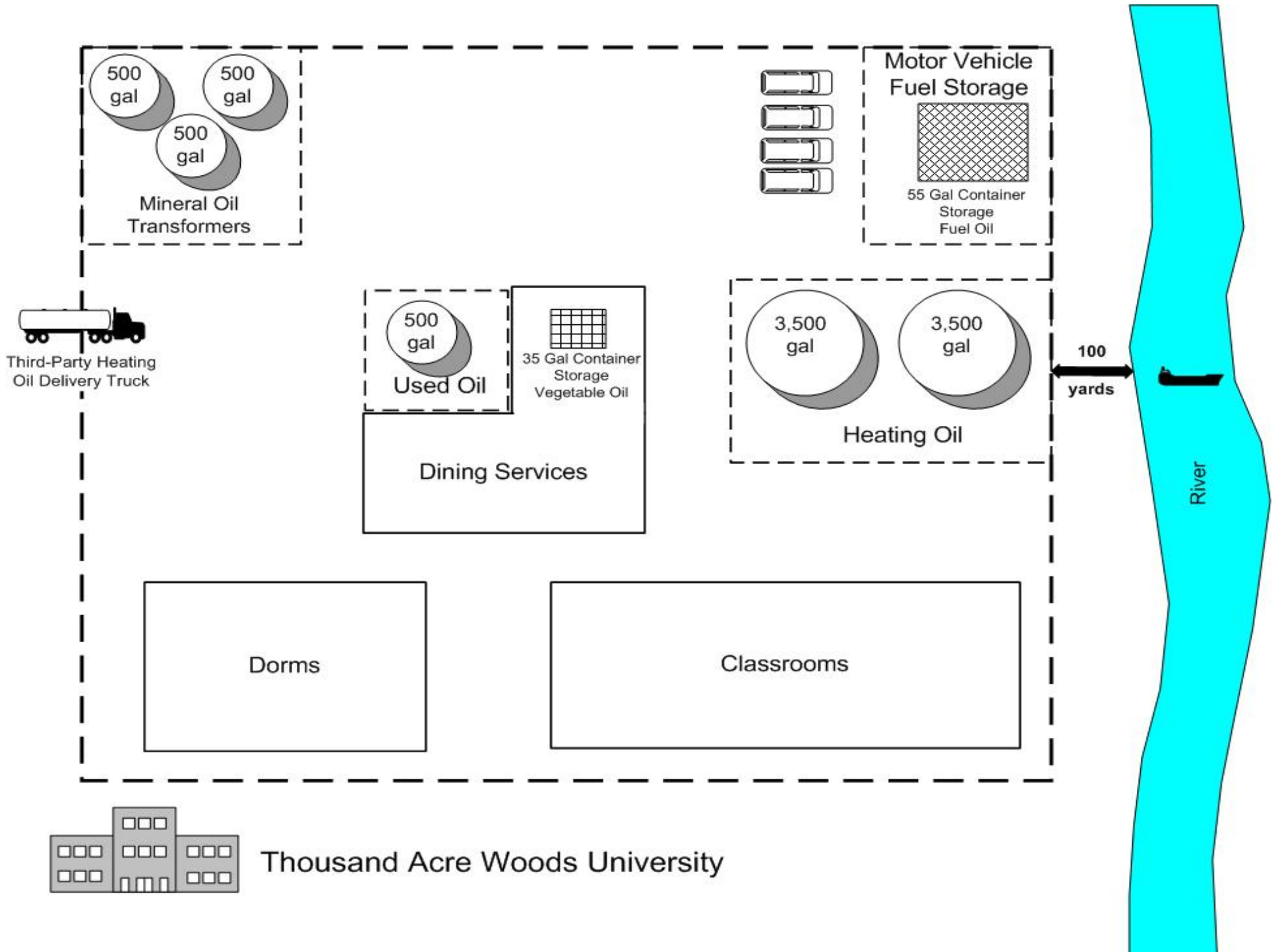
OSC Readiness Training

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San Diego, California

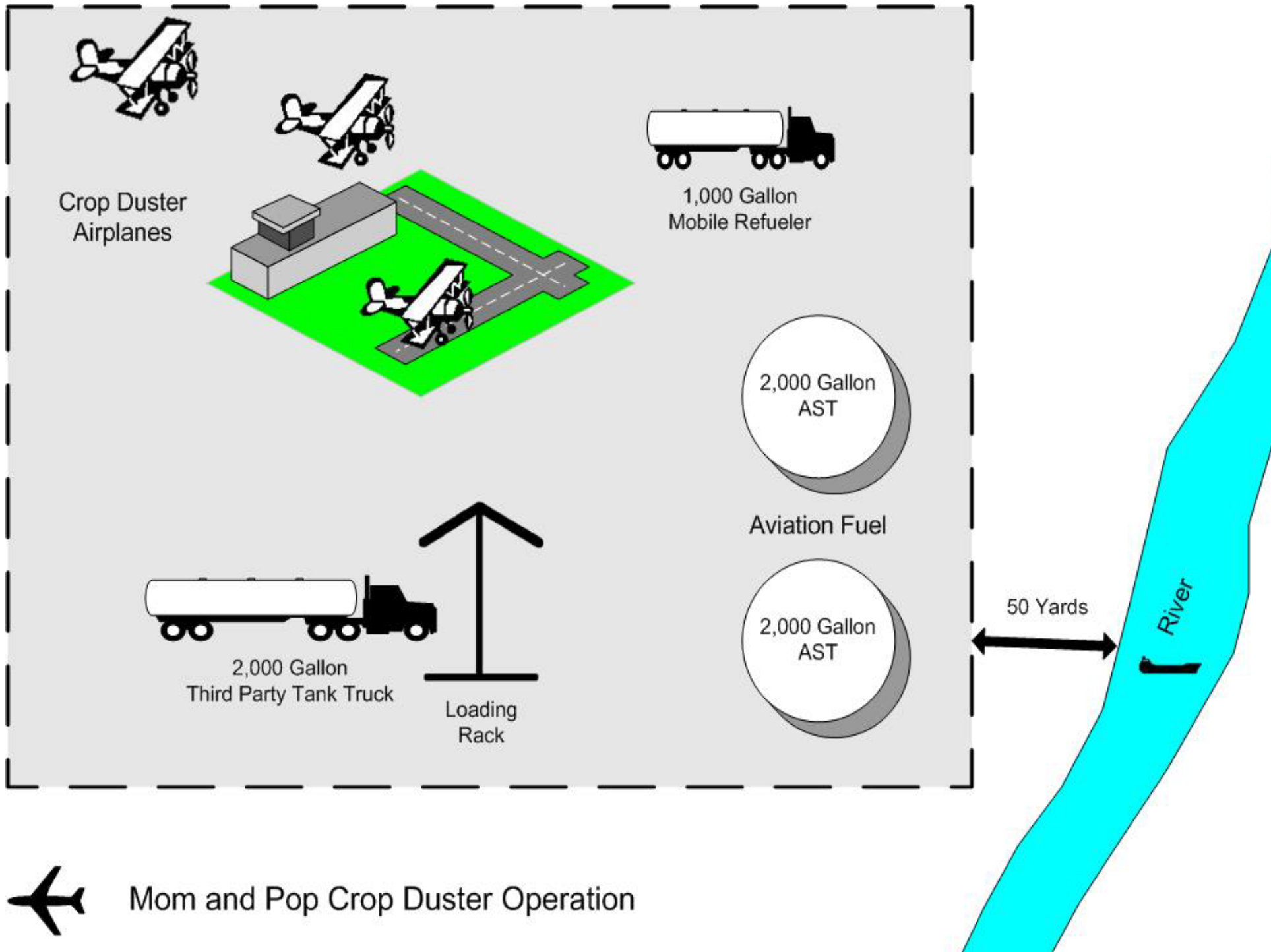
# Applicability Scenario – Thousand Acre Woods University

- Small private university
- Facility located 100 yards from a river
- Fixed oil storage:
  - Two 3,500-gallon ASTs of heating oil;
  - One 500-gallon AST of used oil;
  - Three transformers, 500-gallon/each of mineral oil;
  - Ten 55-gallon containers of fuel oil;
  - Twenty 35-gallon containers of vegetable oil
- 5,000-gallon capacity tanker trucks deliver heating oil to a loading/unloading area and then return to an offsite location
- One 90-gallon discharge to the river in the past three years



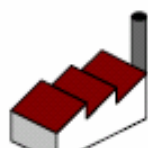
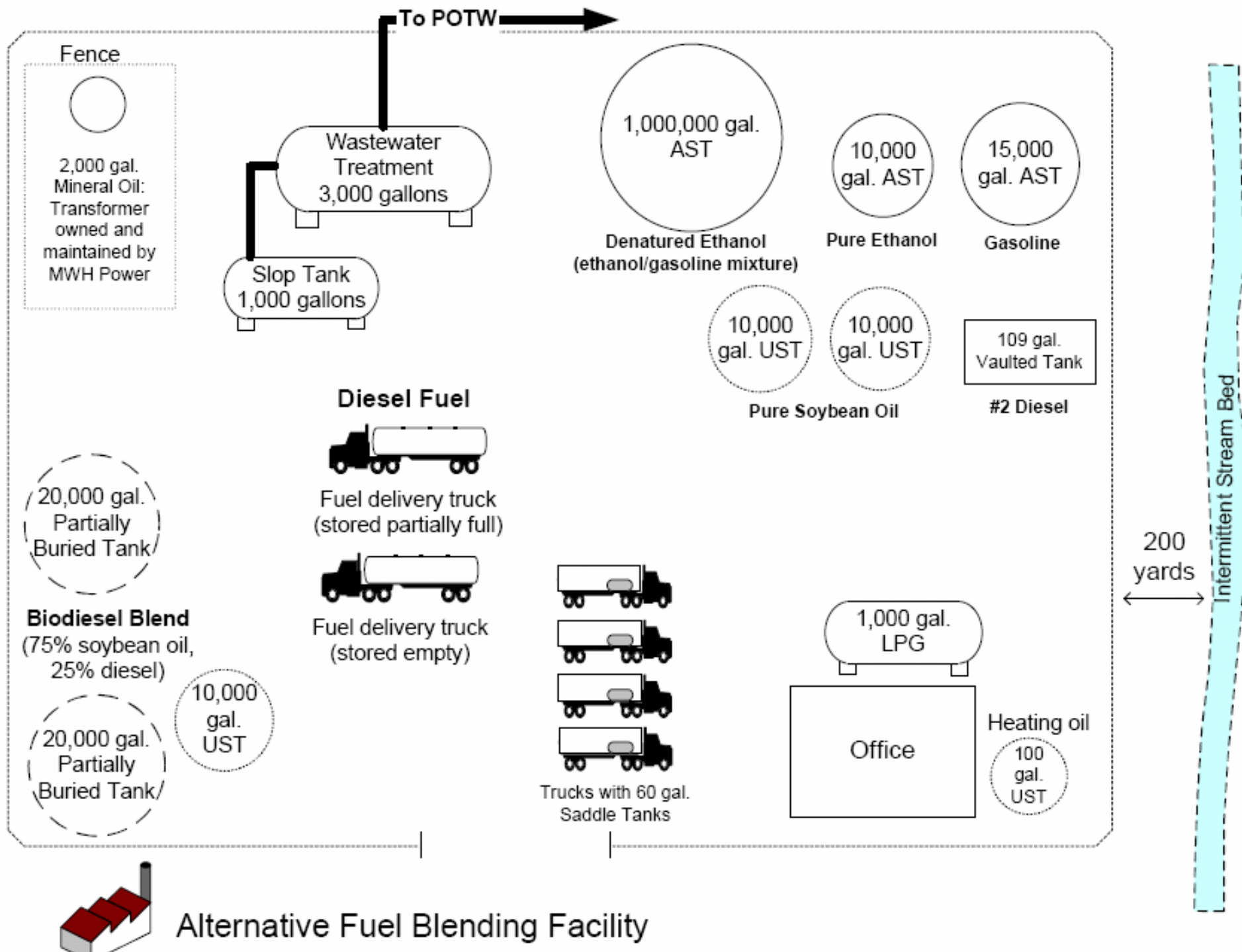
# Scenario 2: Mom and Pop Crop Dusting Operation

- Small crop dusting operation
- Facility located 50 yards from a river
- 10 years in operation
- Fixed oil storage
  - Two 2,000-gallon ASTs with aviation fuel
  - One 1,000-gallon mobile refueler with aviation fuel
- 2,000 gallon third party tank truck delivers aviation fuel to a small loading/unloading rack
- Three crop dusters
- Two aviation fuel discharges in the past six months that entered the river:
  - 900 gallons
  - 43 gallons



# Bonus: Alternative Fuel Blending Facility

- 200 yards from intermittent stream
- Two 10,000-gallon USTs with pure soybean oil
- 15,000-gallon gasoline tank
- 1,000-gallon AST with liquefied petroleum gas (LPG)
- 10,000-gallon AST with 100% ethanol
- 1,000,000-gallon AST with denatured ethanol (ethanol/gasoline mix)
- 10,000-gallon UST with diesel fuel to fuel vehicles
- 109-gallon vaulted tank with #2 diesel fuel
- Two 20,000-gallon partially buried tanks with biodiesel blend
- Two 9,000-gallon tanker trucks
- Four vehicles with 60-gallon saddle tanks
- 3,000-gallon aboveground flow-through treatment tank
- 1,000-gallon aboveground slop tank
- electrical transformer containing 2,000 gallon mineral oil
- 100-gallon UST with heating oil



Alternative Fuel Blending Facility