Growing the World's Fuels

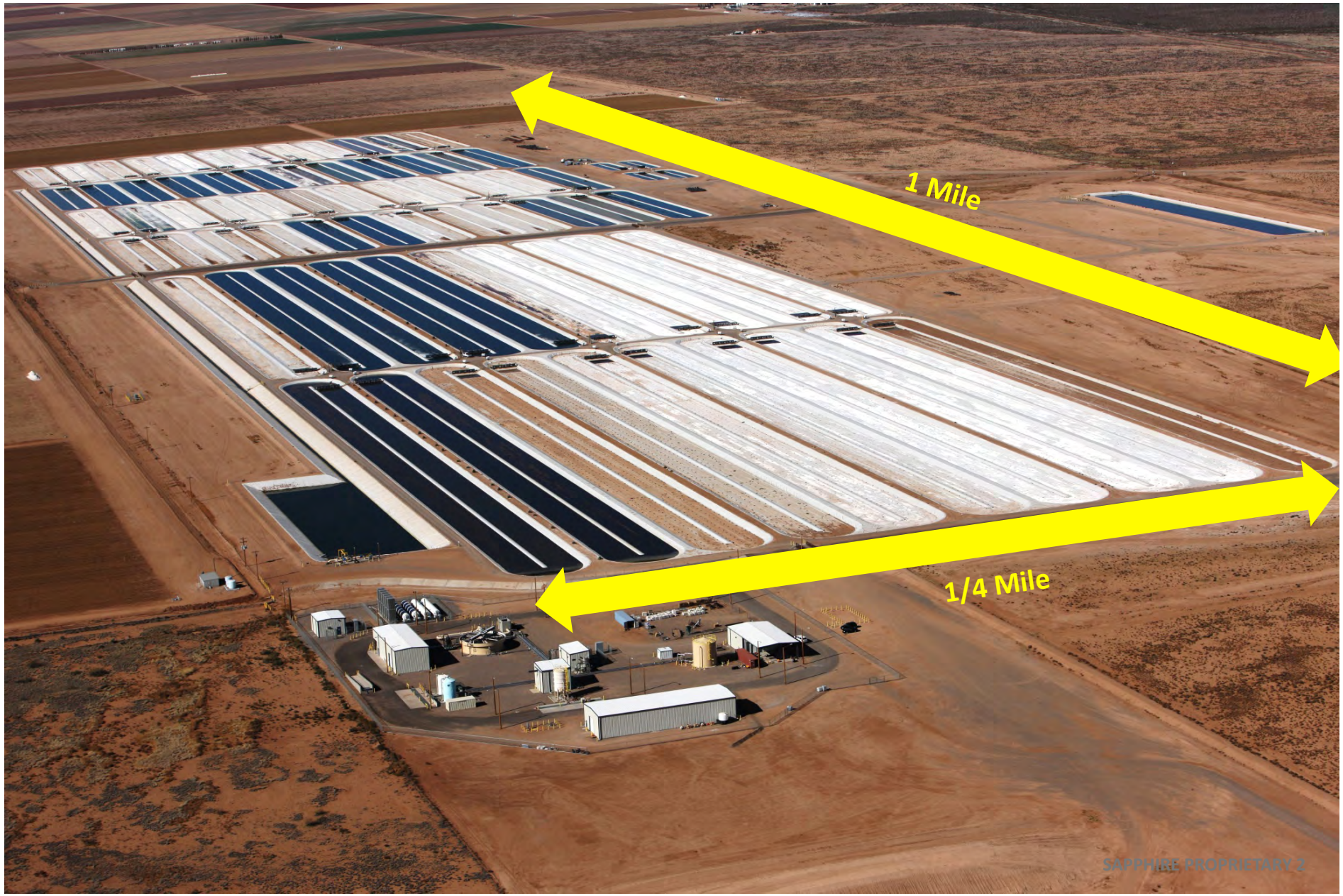
February, 2013

Site details: the project is located on land that was previously used for farming, but no longer is fertile

The site prior to Sapphire's ownership

- Land was used for farming until 1973
- Land was abandoned for farming use because the underlying water source became too saline
- Few other productive uses until Sapphire started developing the current project

Green Crude Farm– late November 2012



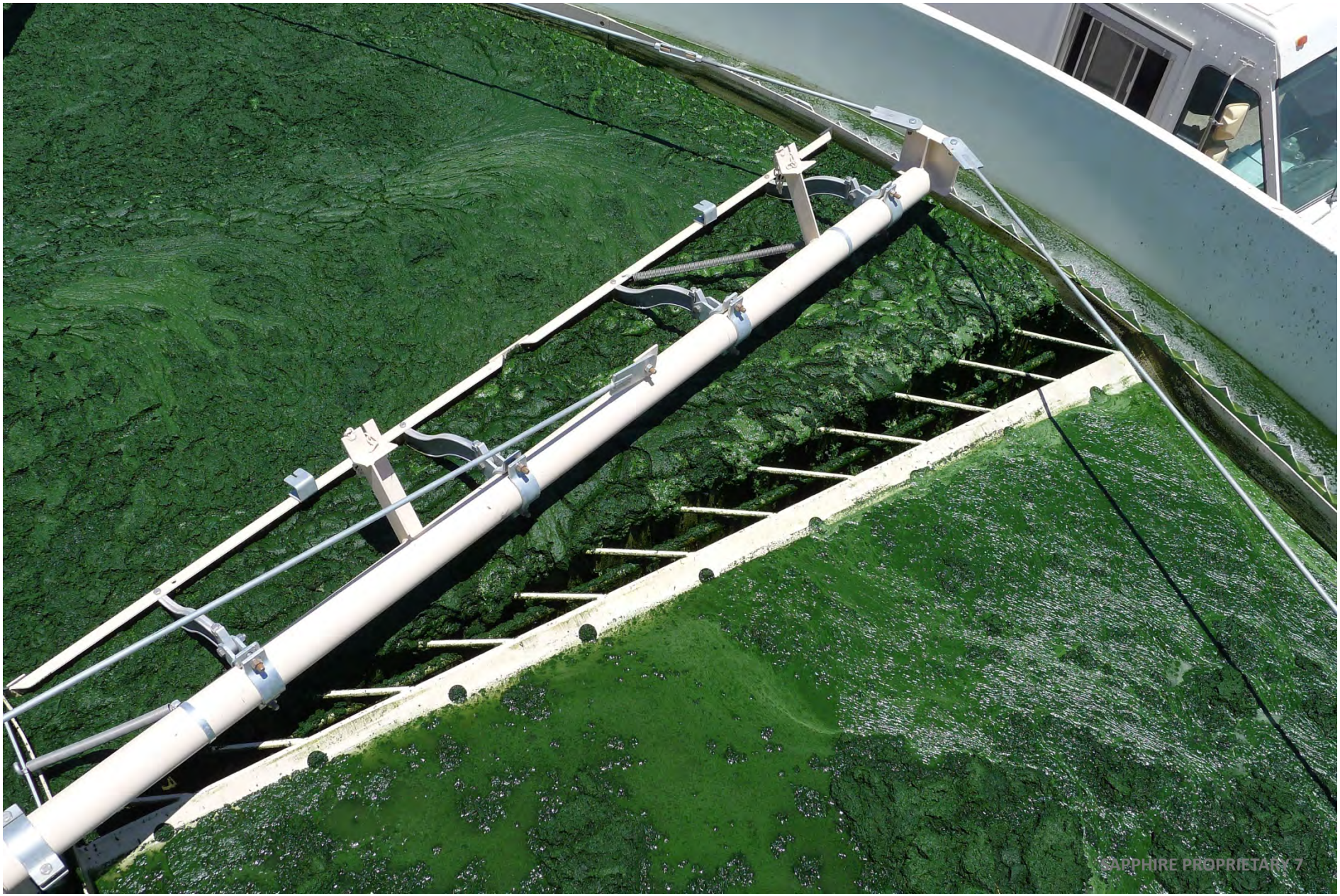
SAPPHIRE PROPRIETARY 2

Cultivation: 1.1 Acre Ponds in Operation

Cultivation: 2.2 Acre Ponds in Operation

Cultivation: 2.2 Acre Ponds and Harvest Processes

SAPPHIRE PROPRIETARY 5

Harvest: algae and water from the ponds are sent to the Dissolved Air Flotation (DAF) unit

Harvest: The Dissolved Air Flotation (DAF) unit concentrates biomass