Current Efforts

Current & Upcoming Efforts

Onsite Activities

- Onsite meteorological station monitoring
- Ongoing biological resource surveys
- Site visits with construction contractors, engineering and internal EDFR representatives.

Offsite Activities

- Riverside County preparation of CEQA Environmental Impact Report (EIR)
- BLM preparation of NEPA Environmental Assessment (EA)
- Refining project design and layout
- Drafting of additional construction plans (including dust control plan)
- Contracting construction firm
- 30% engineered site design
- Preparation of Lake and Streambed Alteration Agreement and Waste Discharge Requirement applications to CDFW and RWQCB respectively

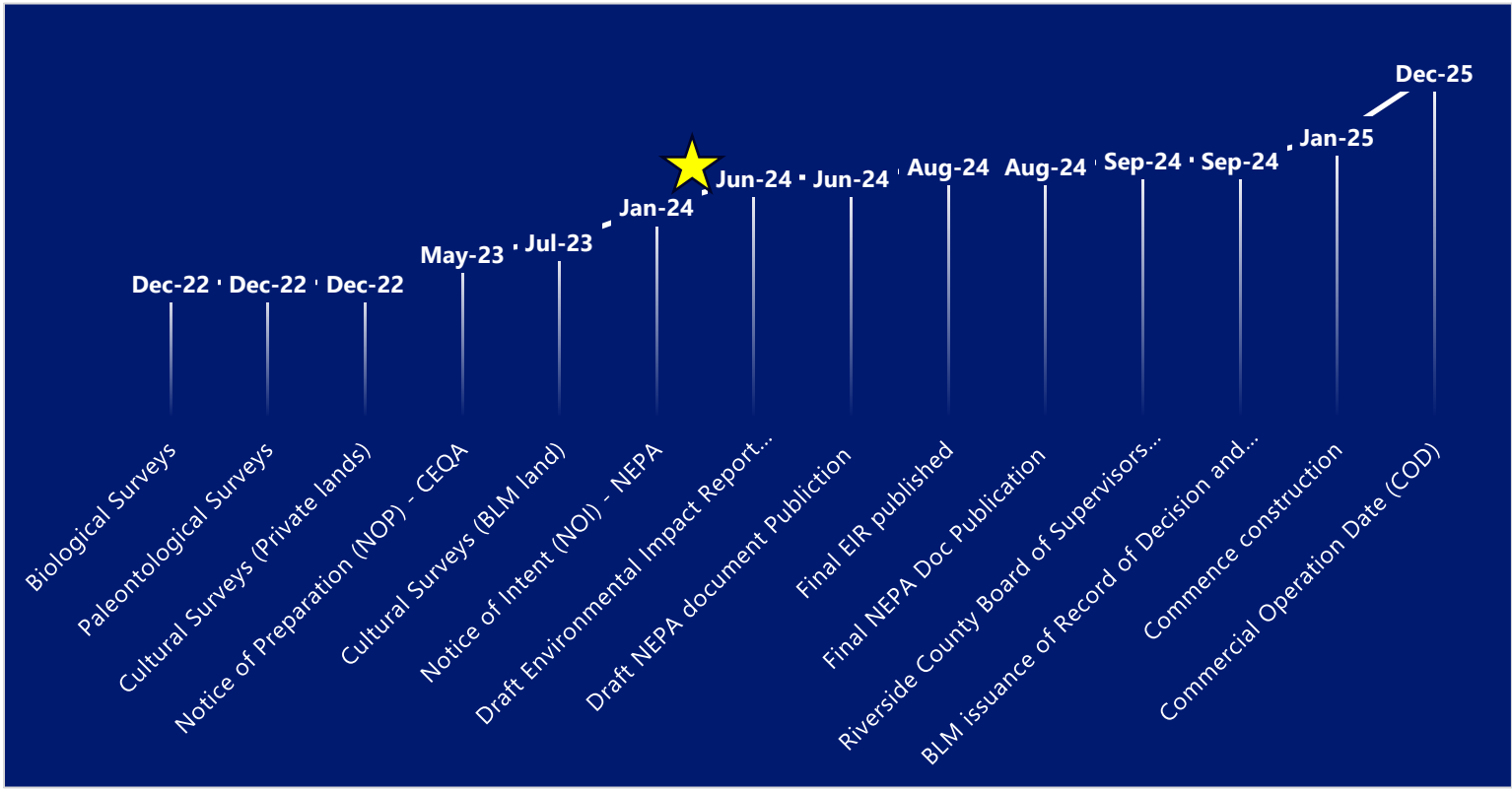
Potential Opportunities for Public Participation

CEQA Public Meetings

- Notice of Preparation Scoping Mtg (complete)
- Draft Environmental Impact Report Comment Period (summer 2024)
- County Board of Supervisors hearing (fall 2024)

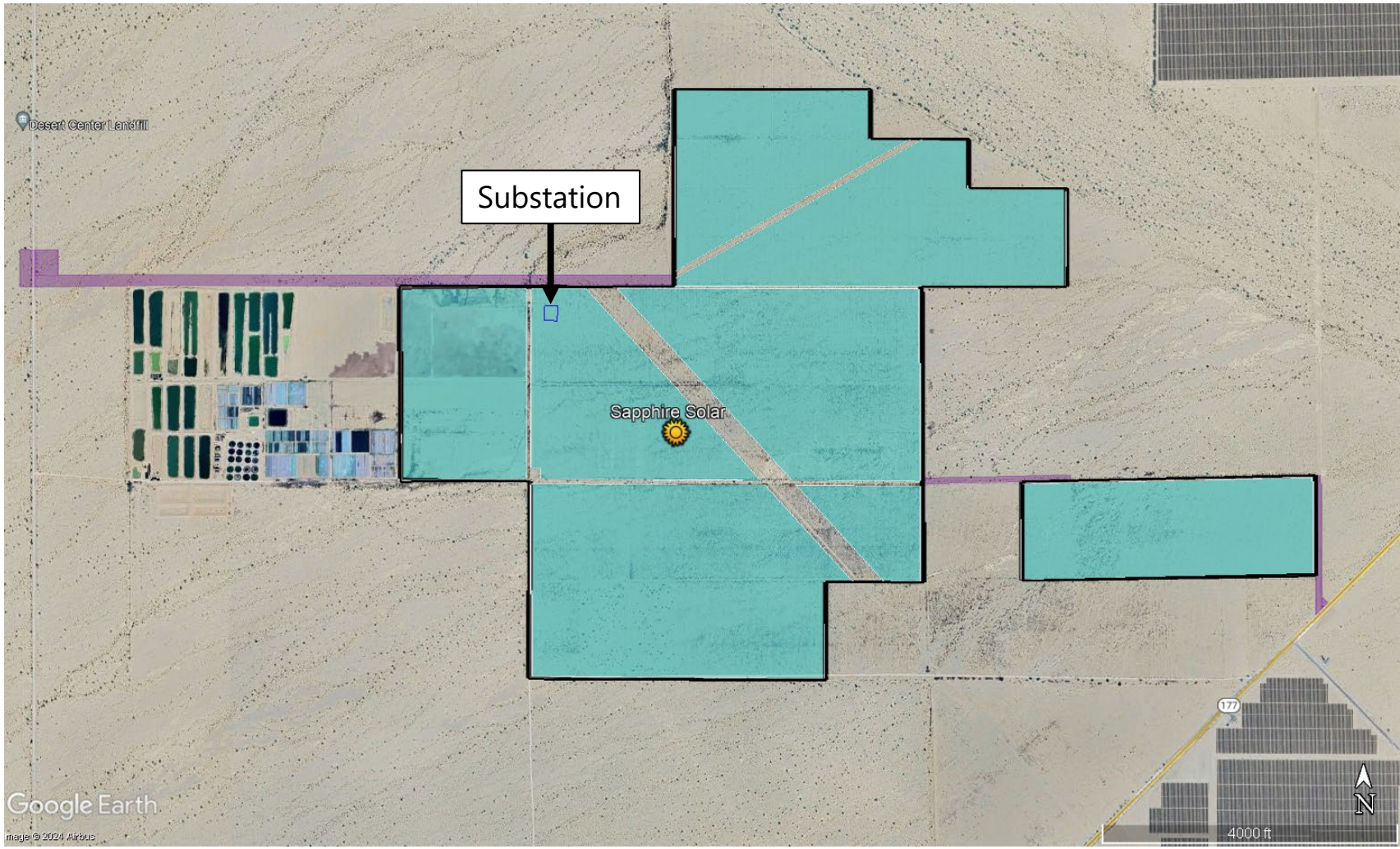
NEPA Public Meetings

- Notice of Intent Scoping Mtg (complete)
- Draft NEPA document comment period - Federal register publication. (Summer 2024)



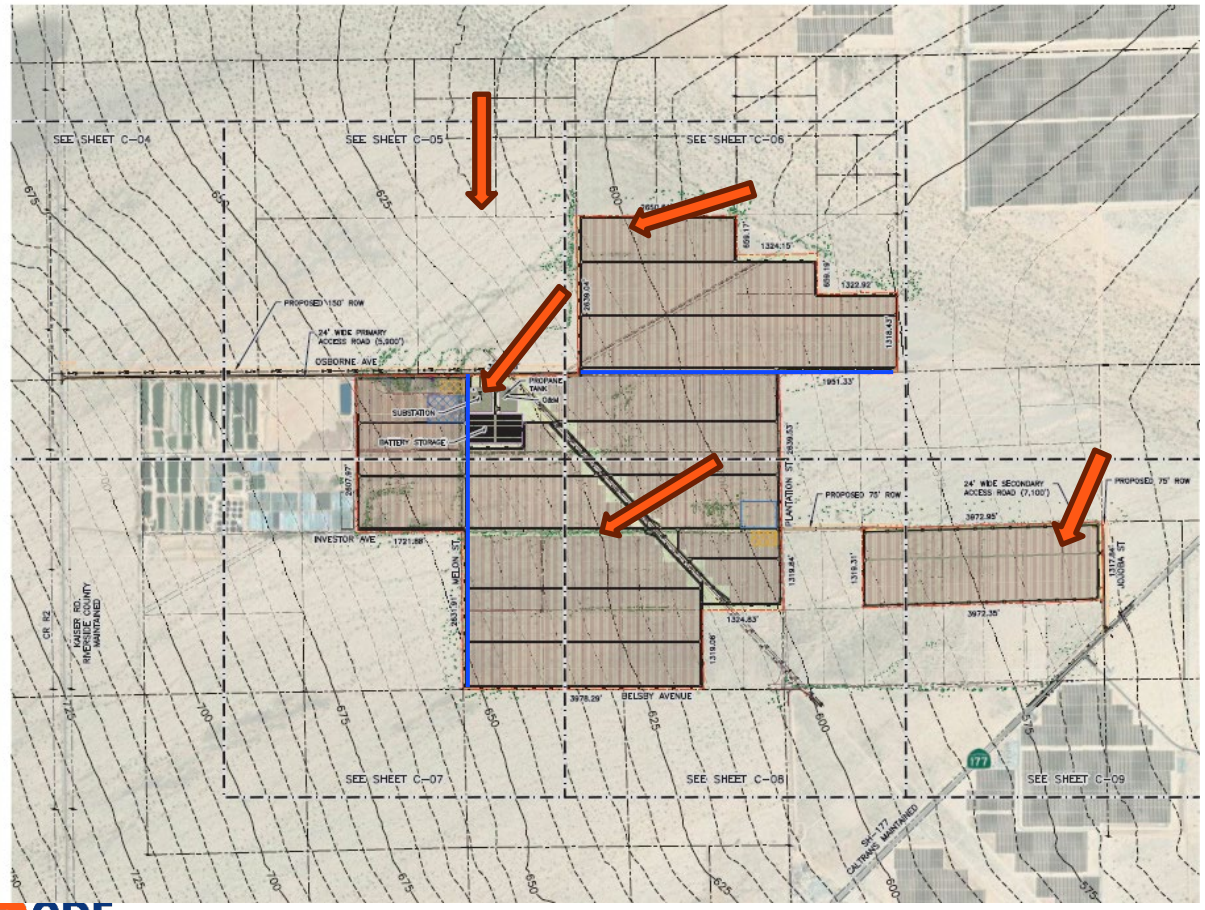
Current Site Plan

- Primarily private lands
- Previously disturbed former agricultural lands
- Leaves berms in place
- Reduced BLM linears by 69 acres
  - Removed Linear Route 1
  - Reduced Linear Route 2 from 200ft wide to 150ft wide (renamed to LFR A)
  - Removed portions of Linear 3 from BLM shifted onto Private lands; reduced remaining portions from 200ft to 75ft. (renamed to LFR B)
- Utilizes existing infrastructure to reduce disturbance
- Shifter substation further to the interior of the site

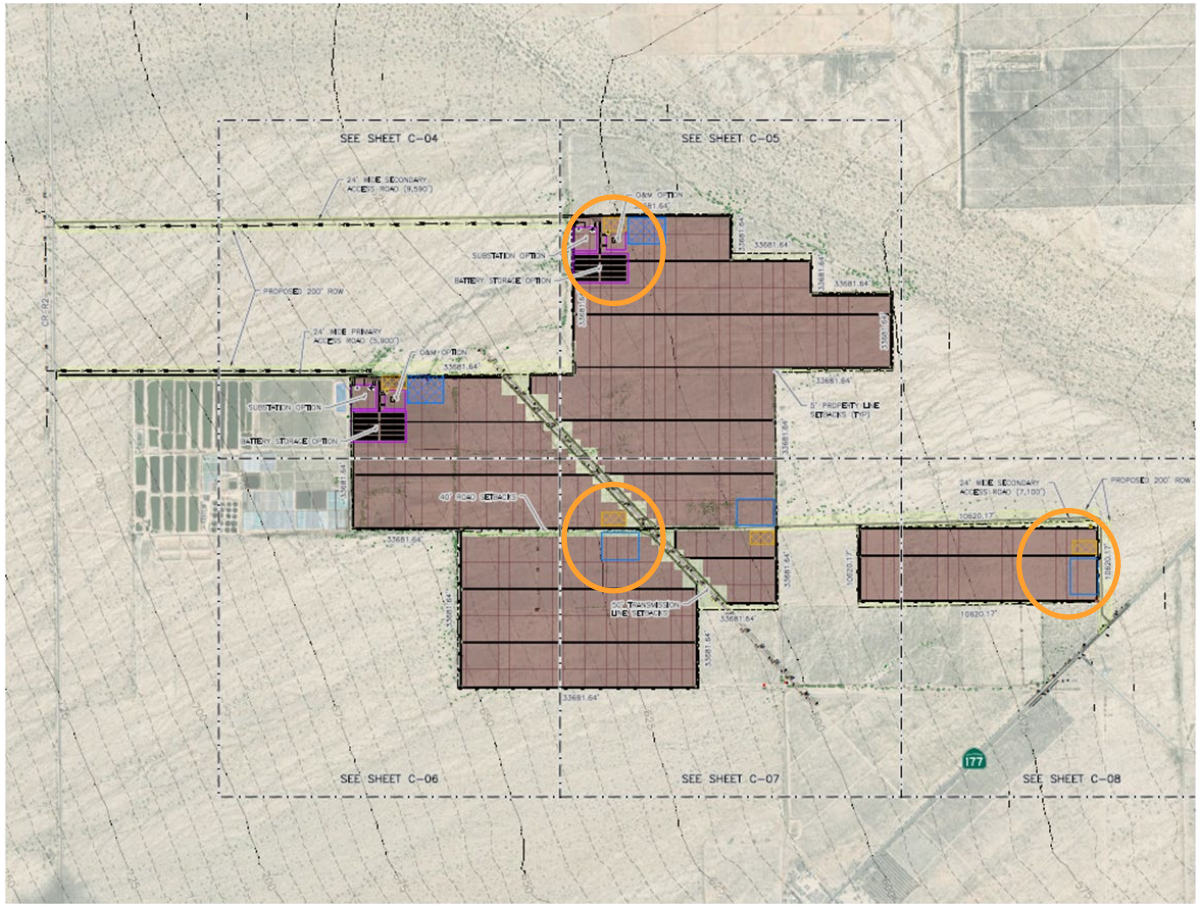


Site Plan Updates

Current Design (04/2024)*



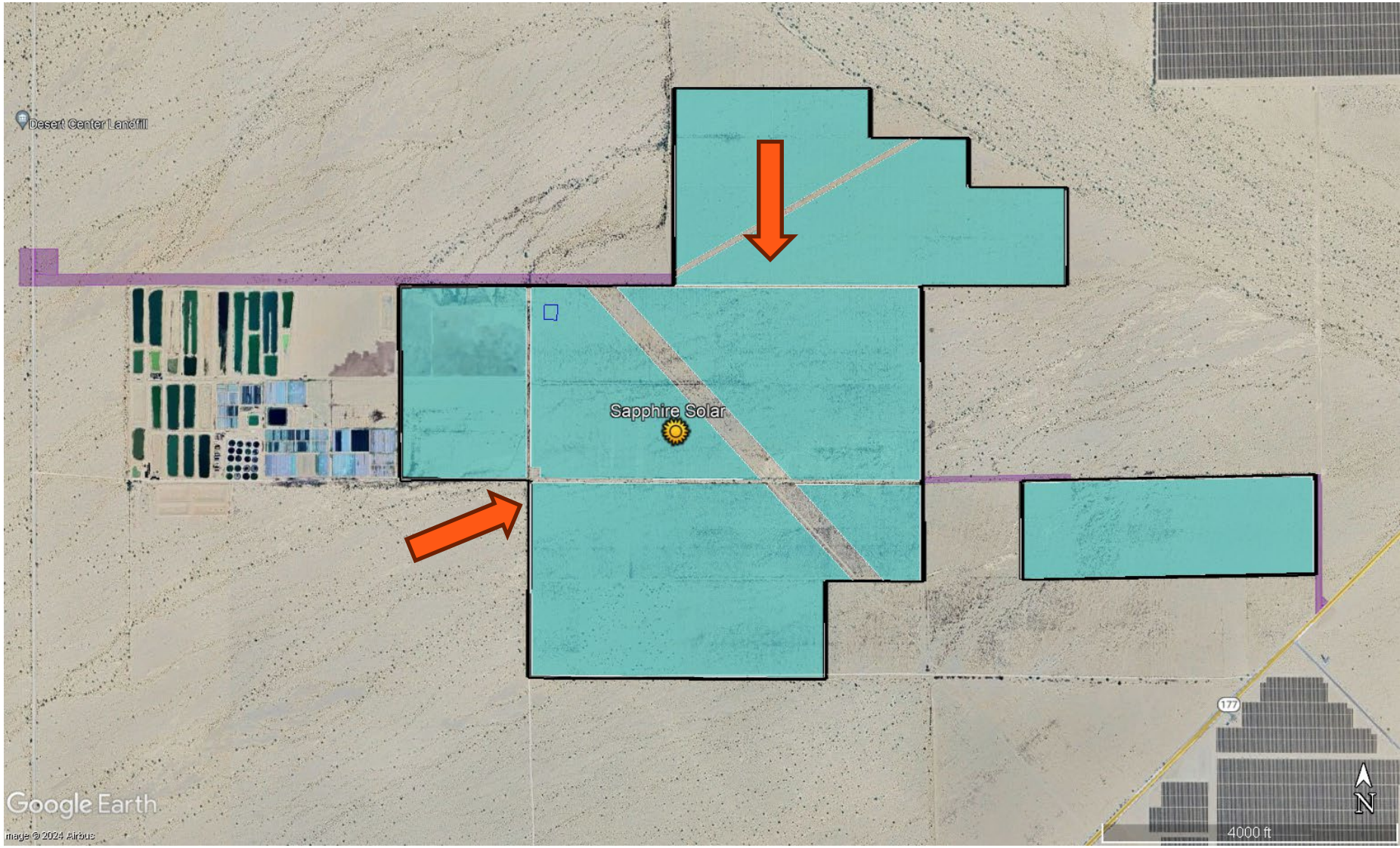
Previous Design (04/2023)



*30% design will remove panels currently shown over Obsorne Avenue and Melon Street. (Areas outline In blue)

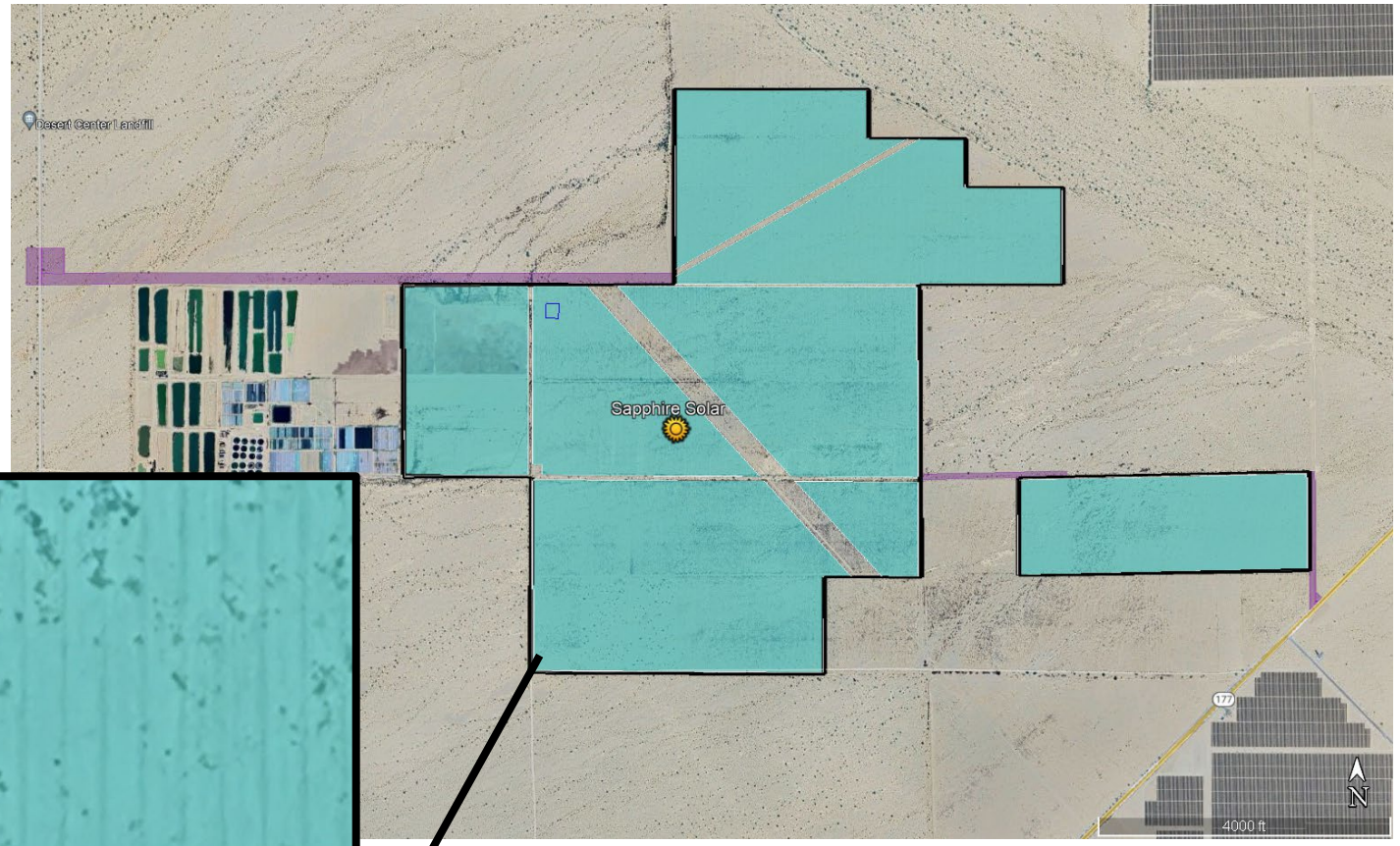
Roads – Public Roads

- Current buildable area sets back from road. *(example area right)*
  - Current fencing and gate design will be on either side of roads.
    - Osborne
    - Melon
    - Investor
    - Plantation
    - Jojoba
    - Belsby
  - Each area will be fenced individually with gates for maintenance staff.
    - Maintenance staff will utilize these public roads to access the site.



Visual - Berms

- Current buildable area and site design keeps berms in place. *(example area below)*
  - There are a few places along the berms that have been breached that will need to be corrected.
  - Anticipate that there will need to be some reinforcement of the berms.



Dust Control

- Some general methods (other than water) to be implemented on certain site elements:
  - Soil stabilizer
  - Aggregate road base for main & secondary access roads (assuming BLM approval)
  - Stop earth work during high wind events (25 mph or greater)
  - Limiting onsite vehicle speeds (15 mph or less)
  - PM10 monitors

- Drafting dust control and adaptive management plan:
  - Method we are looking at a for keeping dust down on the broader site that do not require water.
  - Some possibilities being considered:
    - Chemical soil stabilizers
    - Gravel/aggregate road base on main and secondary access roads
    - Soil compaction
    - Mulching or hydro mulching
    - Additional PM10 monitors
    - Additional work restriction during high wind events
    - Further reduction of interior road speeds
    - Phased site preparation
    - Designated travel paths through site
    - Construction internal circulation plan
    - Use of internal to site labor transportation (people movers/buggies)
    - Track out

Dust control method examples

- **Example of an installation technique (right):**
  - Every other row installation
  - Reduces travel through site
  - Reduces disturbance
  - Reduces water or other dust suppression requirements

Water

- **Water usage:**
  - Construction water use generally for dust control. Methods above may help to reduce the necessary water required for dust abatement.
  - Actual water used during construction of operating projects:

	Permitted Project MW size	Estimated Construction	Actual Construction*
DH	150 MW	500 AF	91 AF
Palen	500 MW	1750 AF	444 AF

** construction water numbers provided by BLM's 3rd party groundwater monitor.*

  - Operational water usage will likely be well below the 9 AFY
  - Water usage at our operating projects currently:

	Estimated Operational	Actual Operational**
DH	27 AFY	~0.2 AFY
Palen	41 AFY	~0.4 AFY

*** One well is serving both the DH and Palen (Maverick) projects so these are estimates of how much water is being used by each project of the total 0.6 AFY of annual water.*