



## SWEEP BLOCK GRANT APPLICATION CHECK-LIST

- Application Form
- Project Design:
  - Including site map with associated APNs listed.
  - Detailed schematic of the locations of proposed improved infrastructure and technology including irrigation piping, reservoirs, pumps and sensors.
  - Pertinent agronomic information, such as the crop and water source.
  - Location, engineering and energy output specifications of any proposed renewable energy installations
  - Project overview using aerial imagery software (e.g. online or electronic mapping tools)
  - Location of existing flow meters and location of flow meters proposed to be installed through the project.
- Completed Budget Template Spreadsheet (Itemized Budget)
  - Include all applicable quotes (e.g. new pump, soil moisture sensors, etc.) as back-up for the budget
  - If project is proposing solar, then the solar quote is *required*.
- Irrigation Water Savings and Greenhouse Gas Emissions Reduction
  - Use one of the two options below:
    - *Option 1:*
      - Greenhouse Gas Emissions Reduction Tool (*this tool MUST BE DOWNLOADED TO USE; it will not work in Google Sheets*)
        - Pump Efficiency Test(s) – Pump efficiency test for current pumps, and pump and motor specifications for any proposed pumps
        - Greenhouse Gas Emissions Baseline Use Documentation (e.g. utility bills, fuel receipts, field operational logs, etc.) covering 12 months of peak

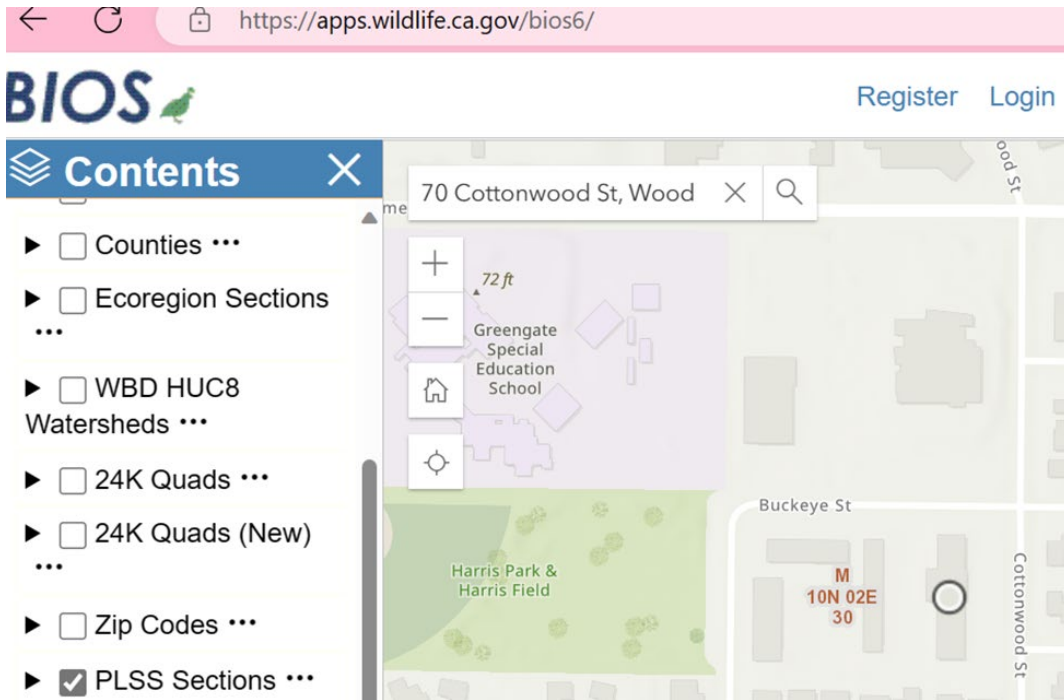
irrigation season for all pumps included in the project

- In situations where the project involves crop rotation, up to three years of supporting documents may be provided to substantiate a representative baseline of energy use from pumping
- Irrigation Water Savings Tool (*this tool MUST BE DOWNLOADED TO USE; it will not work in Google Sheets*)
  - Predominate Soil Type – Find the predominant soil type on the grower’s field and zoom into a particular location.

The screenshot shows the Web Soil Survey interface. The browser address bar displays <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. The page features a navigation menu with options like 'Contact Us', 'Subscribe', 'Archived Soil Surveys', 'Soil Survey Status', 'Glossary', 'Preferences', 'Link', 'Logout', and 'Help'. Below this, there are tabs for 'Area of Interest (AOI)', 'Soil Map', 'Soil Data Explorer', 'Download Soils Data', and 'Shopping Cart (Free)'. The 'Soil Map' tab is active, showing a map of a field with a red boundary. To the left of the map is a 'Map Unit Legend' table for 'Yolo County, California (CA113)'. The table lists a single map unit: 'Mf Marvin silty clay loam' with 0.7 acres in the AOI, representing 100.0% of the area. A 'Totals for Area of Interest' row shows 0.7 acres and 100.0%.

Yolo County, California (CA113)			
Yolo County, California (CA113)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Mf	Marvin silty clay loam	0.7	100.0%
<b>Totals for Area of Interest</b>		<b>0.7</b>	<b>100.0%</b>

- Baseline, Township, Range – Locate the grid system for the state. M = Mt. Diablo; 10N 2E; ET Zone 14



- *Option 2 (this option is best suited for applications that are switching from flood irrigation to another type of irrigation):*
  - Use CDFA's Project Assessment Tool at:  
<https://calirrigationtool-sweep.com/user/Map>
  - Please Download Report, Map and Project File from tool and submit
- Proof of land ownership or lease agreement.