Figure 1a: Crop Patterns based on DWR Land Use Survey

Source: Central Valley Regional Water Resources Control Board, USGS

Legend

- Alfalfa & alfalfa mixtures
- Almonds
- Apples
- Apricots
- Artichokes
- Asparagus
- Avocados
- Barley
- Beans (dry)
- Beans (green)
- Broccoli
- Bush berries
- Cabbage
- Carrots
- Cauliflower
- Celery
- Cherries
- Citrus and Subtropical
- Clover native pasture
- Cole crops (when breakdown is not needed)
- Corn (field & sweet)
- Cotton
- Dates
- Deciduous Fruits and Nuts
- Eucalyptus
- Field Crops
- Figs
- Flax
- Flowers, nursery & Christmas tree farms
- Grain and Hay Crops
- Grain sorghum
- Grapefruit
- Hops
- Jujube
- Kiwi
- Lemons
- Lettuce (all types)
- Melons, squash, and cucumbers (all types)
- Misc. grasses (normally grown for seed)
- Miscellaneous and mixed grain and hay
- Miscellaneous deciduous
- Miscellaneous field
- Miscellaneous subtropical fruits
- Miscellaneous truck
- Mixed (four or more)
- Mixed pasture
- Mixed subtropical fruits
- Native pasture
- Oats
- Olives
- Onions and garlic
- Oranges
- Pasture
- Peaches and nectarines
- Pears
- Peanut
- Peppers (chili, bell, etc.)
- Pistachios
- Plums
- Potatoes
- Proso
- Raisin grapes
- Rice
- Safflower
- Spinach
- Strawberries
- Sustain
- Sugar beets
- Sunflowers
- Sweet potatoes
- Table grapes
- Tomatoes
- Truck, Nursery and Berry Crops
- Turf farms
- Unknown deciduous
- Unknown subtropical
- Vineyards
- Walnuts
- Wheat
- Wine grapes

Source: Central Valley Regional Water Resources Control Board, USGS

Hydrologic Unit

Crop Sensitivity Zone (CSZ)
Figure 2a: Distribution of Major Sensitive Crops

Legend:
- Almonds
- Flowers, nursery & Christmas tree farms
- Apricots
- Oranges
- Beans (dry)
- Peaches and nectarines
- Cherries
- Walnuts

Source: Central Valley Regional Water Resources Control Board, USGS

Legend:
- Hydrologic Unit
- Crop Sensitivity Zone (CSZ)

Sources: Esri, USGS, NOAA

Path: Z:\Projects\CV-SALTS\20-events\Task5\20131031_Figures\F2a Distribution of Major Sensitive Crops.mxd
Figure 2b: Distribution of Minor Sensitive Crops

Legend
- Almonds
- Apples
- Apricots
- Avocados
- Beans (dry)
- Beans (green)
- Bush berries
- Carrots
- Cherries
- Citrus and Subtropical
- Deciduous Fruits and Nuts
- Flowers, nursery & Christmas tree farms
- Grapefruit
- Lemons
- Miscellaneous subtropical fruits
- Mixed tropical fruits
- Onions and garlic
- Oranges
- Peaches and nectarines
- Pears
- Strawberries
- Unknown deciduous
- Unknown subtropical
- Walnuts

Source: Central Valley Regional Water Resources Control Board, USGS

Distribution of Minor Sensitive Crops

Kennedy/Jenks Consultants
CV-SALTS GIS Technical Services
San Joaquin Valley Drainage Authority

November 2013

Figure 2b
Note: “No Data” represents that it was in the DWR land cover map but was not in any of the DWR crop classes for which the quantitative yield loss function was defined.
Legend

Hydrologic Unit
Crop Sensitivity Zone (CSZ)

Sources: Esri, USGS, NOAA

Path: Z:\Projects\CV-SALTS2\Events\Task5\20131031_Figures\F4a Crop Patterns based on DWR Land Use Survey CSZ 201 and 202.mxd

Sources: CV-SALTS GIS Technical Services
San Joaquin Valley Drainage Authority
Crop Patterns based on DWR Land Use Survey CSZs 201 and 202

KJ 1264009000
November 2013
Figure 4a

Kennedy/Jenks Consultants
Illustration of Surface Recharge Network for Major Sensitive Crops in CSZs 201 and 202

Legend
- Crops
  - Almonds
  - Walnuts
- NHD Flowline
  - Artificial Path
  - Canal/Ditch
  - Coastline
  - Connector
  - Pipeline
  - Stream/River
  - Underground Conduit
  - Selected Network
  - Network Starting Point

Legend
- Hydrologic Unit
- Crop Sensitivity Zone (CSZ)

Source: California Department of Water Resources

Figure 5

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Kennedy/Jenks Consultants
CV-SALTS GIS Technical Services
San Joaquin Valley Drainage Authority
Illustration of Surface Recharge Network for Major Sensitive Crops in CSZs 201 and 202
KJ 126-0009P00
November 2013

Figure 5
Legend

Sensitivity
- Sensitive
- Moderately Sensitive
- Tolerant
- Moderately Tolerant
- No Data

NHD Flowline
FType
- Artificial Path
- Canal/Ditch
- Coastline
- Connector
- Pipeline
- Stream/River
- Underground Conduit
- Selected Network
- Network Starting Point

Hydrologic Unit
Crop Sensitivity Zone (CSZ)
Figure 9

Legend

- Sacramento Valley, 5-21.62
- Sacramento Valley, 5-21.64
- Sacramento Valley, 5-21.65
- Sacramento Valley, 5-21.66
- Sacramento Valley, 5-21.67
- Sacramento Valley, 5-21.68
- San Joaquin Valley, 5-22.01
- San Joaquin Valley, 5-22.02
- San Joaquin Valley, 5-22.03
- San Joaquin Valley, 5-22.04
- San Joaquin Valley, 5-22.05
- San Joaquin Valley, 5-22.06
- San Joaquin Valley, 5-22.07
- San Joaquin Valley, 5-22.08
- San Joaquin Valley, 5-22.09
- San Joaquin Valley, 5-22.10
- San Joaquin Valley, 5-22.11
- San Joaquin Valley, 5-22.12
- San Joaquin Valley, 5-22.13
- San Joaquin Valley, 5-22.14
- San Joaquin Valley, 5-22.15
- San Joaquin Valley, 5-22.16
- Squaw Flat, 5-89
- Suisun-Fairfield Valley, 2-3

GWBASIN, BAS_SBBSN

- Antelope Creek, 5-91
- Blanchar Valley, 5-90
- Funks Creek, 5-90
- North Fork Battle Creek, 5-50
- Pittsburg Plain, 2-4
- Redding Area, 5-6.01
- Redding Area, 5-6.02
- Redding Area, 5-6.03
- Redding Area, 5-6.04
- Redding Area, 5-6.05
- Redding Area, 5-6.06
- Sacramento Valley, 5-21.50
- Sacramento Valley, 5-21.51
- Sacramento Valley, 5-21.52
- Sacramento Valley, 5-21.53
- Sacramento Valley, 5-21.54
- Sacramento Valley, 5-21.55
- Sacramento Valley, 5-21.56
- Sacramento Valley, 5-21.57
- Sacramento Valley, 5-21.58
- Sacramento Valley, 5-21.59
- Sacramento Valley, 5-21.60
- Sacramento Valley, 5-21.61
- Sacramento Valley, 5-21.62
- Sacramento Valley, 5-21.64
- Sacramento Valley, 5-21.65
- Sacramento Valley, 5-21.66
- Sacramento Valley, 5-21.67
- Sacramento Valley, 5-21.68
- San Joaquin Valley, 5-22.01
- San Joaquin Valley, 5-22.02
- San Joaquin Valley, 5-22.03
- San Joaquin Valley, 5-22.04
- San Joaquin Valley, 5-22.05
- San Joaquin Valley, 5-22.06
- San Joaquin Valley, 5-22.07
- San Joaquin Valley, 5-22.08
- San Joaquin Valley, 5-22.09
- San Joaquin Valley, 5-22.10
- San Joaquin Valley, 5-22.11
- San Joaquin Valley, 5-22.12
- San Joaquin Valley, 5-22.13
- San Joaquin Valley, 5-22.14
- San Joaquin Valley, 5-22.15
- San Joaquin Valley, 5-22.16
- Squaw Flat, 5-89
- Suisun-Fairfield Valley, 2-3

Source: California Department of Water Resources

Legend

- Hydrologic Unit
- Crop Sensitivity Zone (CSZ)
Legend

- Hydrologic Unit
- Crop Sensitivity Zone (CSZ)

Sources: California Department of Water Resources

Sources: Esri, USGS, NOAA

CV-SALTS GIS Technical Services
San Joaquin Valley Drainage Authority

Water Districts

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Figure 10

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