

Appendix D5 - Vascular Plant List

Vascular Plants Observed at the Onshore Facility and SCC Parcel Sites

| Scientific Name                      | Common Name              | Habit | Family           | Wetland Status | Invasiveness Rating |
|--------------------------------------|--------------------------|-------|------------------|----------------|---------------------|
| <i>Artemisia californica</i>         | California sagebrush     | S     | Asteraceae       | *              |                     |
| <i>Artemisia douglasiana</i>         | Mugwort                  | PH    | Asteraceae       | FAC            |                     |
| <i>Arundo donax</i> *                | Giant reed               | PG    | Poaceae          | FACW           | High                |
| <i>Atriplex lentiformis</i>          | Big saltbush             | S     | Chenopodiaceae   | FAC            |                     |
| <i>Atriplex semibaccata</i> *        | Australian saltbush      | PH    | Chenopodiaceae   | FAC            | Moderate            |
| <i>Baccharis pilularis</i>           | Coyote brush             | S     | Asteraceae       | *              |                     |
| <i>Baccharis salicifolia</i>         | Mule fat, seep-willow    | S     | Asteraceae       | FAC            |                     |
| <i>Brickellia californica</i>        | California brickellbush  | S     | Asteraceae       | FACU           |                     |
| <i>Bromus diandrus</i> *             | Ripgut grass             | AG    | Poaceae          | *              | Moderate            |
| <i>Bromus rubens</i> *               | Red brome                | AG    | Poaceae          | UPL            | High                |
| <i>Carpobrotus edulis</i> *          | Hottentot fig            | PH    | Aizoaceae        | *              | High                |
| <i>Centaurea melitensis</i> *        | Tocalote                 | AH    | Asteraceae       | *              | Moderate            |
| <i>Chenopodium murale</i> *          | Nettle-leaf goose-foot   | AH    | Chenopodiaceae   | FACU           |                     |
| <i>Conium maculatum</i> *            | Poison hemlock           | PH    | Apiaceae         | FACW           | Moderate            |
| <i>Cotula australis</i> *            | Australian brass-buttons | AH    | Asteraceae       | FAC            |                     |
| <i>Crassula connata</i>              | Pygmy weed               | AH    | Crassulaceae     | FAC            |                     |
| <i>Cynodon dactylon</i> *            | Bermuda grass            | PG    | Poaceae          | FACU           | Moderate            |
| <i>Datura wrightii</i>               | Jimsonweed               | PH    | Solanaceae       | UPL            |                     |
| <i>Erodium cicutarium</i> *          | Redstem filaree          | AH    | Geraniaceae      | *              | Limited             |
| <i>Eucalyptus camadulensis</i> *     | Red gum                  | T     | Myrtaceae        | FAC            | Limited             |
| <i>Foeniculum vulgare</i> *          | Sweet-fennel             | PH    | Apiaceae         | *              | Moderate            |
| <i>Hesperocyparis macrocarpa</i> *   | Monterey cypress         | T     | Cupressaceae     | *              |                     |
| <i>Heterotheca grandiflora</i>       | Telegraph weed           | PH    | Asteraceae       | *              |                     |
| <i>Hirschfeldia incana</i> *         | Summer mustard           | BH    | Brassicaceae     | *              | Moderate            |
| <i>Hordeum murinum</i> *             | Barley                   | AG    | Poaceae          | FACU           | Moderate            |
| <i>Laennecia coulteri</i>            | Coulter's horse-weed     | AH    | Asteraceae       | FAC            |                     |
| <i>Lepidium didymum</i> *            | Lesser swine cress       | AH    | Brassicaceae     | *              |                     |
| <i>Limonium perezii</i> *            | Sea-lavender             | PH    | Plumbaginaceae   | *              |                     |
| <i>Malva parviflora</i> *            | Cheese-weed              | AH    | Malvaceae        | *              |                     |
| <i>Medicago polymorpha</i> *         | Bur clover               | AH    | Fabaceae         | FACU           | Limited             |
| <i>Melaleuca sp.</i> *               | Melaleuca                | T     | Myrtaceae        | *              |                     |
| <i>Melilotus albus</i> *             | White sweet-clover       | PH    | Fabaceae         | *              |                     |
| <i>Myoporum laetum</i> *             | Myoporum                 | T     | Scrophulariaceae | FACU           | Moderate            |
| <i>Nicotiana glauca</i> *            | Tree tobacco             | S     | Solanaceae       | FAC            | Moderate            |
| <i>Oxalis pes-caprae</i> *           | Bermuda buttercup        | PH    | Oxalidaceae      | *              | Moderate            |
| <i>Pennisetum villosum</i> *         | Feather-top              | PG    | Poaceae          | *              |                     |
| <i>Plantago coronopus</i> *          | Plantain                 | AH    | Plantaginaceae   | FAC            |                     |
| <i>Plantago lanceolata</i> *         | English plantain         | PH    | Plantaginaceae   | FAC            | Limited             |
| <i>Pseudognaphalium luteoalbum</i> * | Weedy cudweed            | BH    | Asteraceae       | FAC            |                     |
| <i>Rhus integrifolia</i>             | Lemonade berry           | S     | Anacardiaceae    | *              |                     |
| <i>Salix lasiolepis</i>              | Arroyo willow            | T     | Salicaceae       | FACW           |                     |

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| Scientific Name                       | Common Name        | Habit | Family          | Wetland Status | Invasiveness Rating |
|---------------------------------------|--------------------|-------|-----------------|----------------|---------------------|
| <i>Salsola tragus</i> *               | Russian thistle    | AH    | Chenopodiaceae  | FACU           | Limited             |
| <i>Sedum sp.</i> *                    | Stone-crop         | S     | Crassulaceae    | *              |                     |
| <i>Senecio radicans</i> *             | Senecio            | S     | Asteraceae      | *              |                     |
| <i>Sisymbrium irio</i> *              | London rocket      | AH    | Brassicaceae    | *              | Limited             |
| <i>Solanum xanti</i>                  | Purple nightshade  | PH    | Solanaceae      | *              |                     |
| <i>Sonchus oleraceus</i> *            | Common sow thistle | AH    | Asteraceae      | UPL            |                     |
| <i>Spergularia bocconi</i> *          | Sand spurrey       | AH    | Caryophyllaceae | FACW           |                     |
| <i>Stipa miliacea var. miliacea</i> * | Smilo grass        | PG    | Poaceae         | *              | Limited             |
| <i>Toxicodendron diversilobum</i>     | Poison oak         | S     | Anacardiaceae   | FACU           |                     |

### Notes:

Scientific nomenclature follows The Jepson Manual Second Edition (Baldwin et al., 2012), including supplements (old names in brackets).  
 An "\*" indicates non-native species which have become naturalized or persist without cultivation.

An "\*\*\*" indicates species which have been planted and may not persist without cultivation.

### Habit Definitions:

AF = annual fern or fern ally.  
 AG = annual grass.  
 AH = annual herb.  
 BH = biennial herb.  
 PF = perennial fern or fern ally.  
 PG = perennial grass.  
 PH = perennial herb.  
 PV = perennial vine.  
 S = shrub.  
 T = tree.

Invasiveness Rating from the online database of the California Invasive Plant Council

### Wetland Status from Arid West 2020 Regional Wetland Plant List

OBL - Obligate wetland: almost always occurs in wetlands (>99% probability)  
 FACW - Facultative-Wetland: usually occurs in wetlands (67-99% probability)  
 FAC - Facultative: equally likely to occur in wetlands or non-wetlands (34-66% probability)  
 FACU - Facultative-Upland: usually occurs in non-wetlands (1-33% probability)  
 UPL - Upland: almost always occurs in non-wetlands (>99% probability)  
 \*: not addressed in the wetland plant list, non-wetland species