* THIS SHORELINE UNIT WILL NEED TO BE UPDATED DURING APR WEEK #2. DNR ACCESS @ INTAKE FACILITY NEEDED TO CONTINUE UNIT & POTENTIAL REACH DOCUMENTATION...

SL-6
SL-6-Le-A (Lentic)

## Riparian Unit and Shoreline Assessment Data Form

Shoreline/ Riparian Unit ID: 6 Date: 4-7-2017

Coordinates- Start: Coordinates- End: Surveyor(s): MK, IM

Unit Length: Assessment Method: Recon, on-site Assessment

Reaches within Unit: R6A

Additional Features within Unit: Eph. drainage - wash = wetland/riparian area

### VEGETATION

Community Type (Source):

| Dominat Over-Story (Species/% Cover) | Dom. Mid-Strata (Species/% Cover) | Dom. Over-Story (Species/% Cover) |
|---|---|---|
| | JUNCUS | |
| | STELV | |
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### HYDROLOGY

Description of Hydrologic Regime: Lake water = year-round supply of water

### LANDSCAPE

Description of geomorhpic regime (erosion processes, upland condition, substrate, etc): Highly eroded lake shoreline. Fluvial erosion, primarily wave action @ lake level transgression & regression, scour, deposition in some locations. No hydric soils present. All soils sand/sand, including within ephemeral systems.

### OTHER INFORMATION

Unit Assessment Rational: Riparian/Shoreline unit begins @ break from Marine Mid-Upper area. Shoreline is devoid of vegetation. Present vegetation exists above shoreline bench. Alluvial environment along shoreline, below vegetated bench. This unit is adjacent to Mining & Dam facilities. Trash/human waste present.

Additional Notes: Upland landscape impacted by road.

SL6

# Lentic PFC Plant List Form

Area Name: Wash wetland Date: 4-7-2017

Region (USACE or other): ARID WEST Surveyor: MK IM

| Species Code | Common Name | Scientific Name | AB | GS | WIC | SC | IN |
|---|---|---|---|---|---|---|---|
| **Trees/Shrubs** | | | | | | | |
| | | | | | | | |
| | Juniperus sp. | Rare | | | | | |
| | Salix spp. | 2 plants | | | | | |
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| **Graminoids/Grasses** | | | | | | | |
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| **Forbs** | | | | | | | |
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| Species Code | Common Name | Scientific Name | AB | GS | WIC | SC | IN |
|---|---|---|---|---|---|---|---|
| **Aquatic Species** | | | | | | | |
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**Notes:** _____

**Abundance (AB):**

Use a scale of 1 to 4, with 1 = species is present but with only one to a few individuals in the reach, 2 = species is found occasionally throughout the area, 3 =

**Geomorphic Surface (GS):**

C= active channel; B = streambank; F = floodplain; MC = mid-channel bar; PB = point bar; T = terrace. Specify and define others.

**Wetland Indicator Category (WIC):**

- OBL (obligate wetland plants) – Almost always occur in wetlands.
- FACW (facultative wetland plants) – Usually occur in wetlands, but may occur in nonwetlands
- FAC (facultative wetland plants) – Occur in wetlands and nonwetlands
- FACU (facultative upland plants) – Usually occur in nonwetlands, buy may occur in wetlands
- UPL (upland plants) – Almost never occur in wetlands

**Stability Class/Rooting Strength (SC):**

Relative values based on general rooting characteristics assigned by Burton et al. (2011); numerical values conform to Winward (2000).

Forbs

- Taproot or most roots, shallow (<15 cm) Low (2)
- Fibrous roots, usually up to 30 cm Medium (5)
- Rhizomatous roots, with little indication of extensive fibrous roots Medium (5)
- Rhizomatous roots, with extensive fibrous roots High (8.5)

Woody Species

- Taprooted species Low (2)
- Short shrubs (<1 m tall) with shallow root systems Low (2)
- Shallow to moderate root systems Medium (5)
- Rhizomatous root system, generally shallow (<15 cm) Medium (5)
- Root crown with spreading roots High (8.5)
- Widespread root systems High (8.5)

Graminoids

- Annual, biennial, and short-lived perennials Low (2)
- Stoloniferous, cespitose, tufted, or short rhizomatous perennials (<1 m tall) Low (2)
- Slender or thin creeping rhizomes Medium (5)
- Long, stout, well-developed creeping rhizomes High (8.5)

**Nonnative, Invasive Species (IN):**

Note whether this species is nonnative, invasive species by marking this column.