

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Sweetwater Village City/County: Spring Valley, San Diego Sampling Date: 10/14/2014
 Applicant/Owner: SAM-Sweetwater, LLC State: CA Sampling Point: SP1
 Investigator(s): W. Salter, D. Cardoza Section, Township, Range: Unsectioned T17S, R1W (Jamul Mountains, CA)
 Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 1-2
 Subregion (LRR): C - Mediterranean Lat: 32.728597° Long: -116.966877° Datum: NAD83
 Soil Map Unit Name: Diablo clay, 15 to 30 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____ Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No _____	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Remarks: Significant drought conditions present.	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Robinia pseudoacacia</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75%</u> (A/B)
2. <u>Alianthus altissima</u>	<u>25</u>	<u>Y</u>	<u>NI</u>	
3. <u>Washingtonia robusta</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
4. _____				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>8</u> x 1 = <u>8</u> FACW species <u>25</u> x 2 = <u>50</u> FAC species _____ x 3 = _____ FACU species <u>10</u> x 4 = <u>40</u> UPL species <u>25</u> x 5 = <u>125</u> Column Totals: <u>68</u> (A) <u>223</u> (B) Prevalence Index = B/A = <u>3.28</u>
<u>55</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Typha sp.</u>	<u>8</u>	<u>Y</u>	<u>OBL</u>	
2. _____				
3. _____				
4. _____				
5. _____				
<u>8</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Cyperus eragrostis</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> Dominance Test is >50% <input type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
<u>5</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>-</u>)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>40</u> % Cover of Biotic Crust <u>0</u>				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____				

Remarks:
 Thatch included in bare ground coverage.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Sweetwater Village City/County: Spring Valley, San Diego Sampling Date: 10/14/2014
 Applicant/Owner: SAM-Sweetwater, LLC State: CA Sampling Point: SP2
 Investigator(s): W. Salter, D. Cardoza Section, Township, Range: Unsectioned T17S, R1W (Jamul Mountains, CA)
 Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 1-2
 Subregion (LRR): C - Mediterranean Lat: 32.728579° Long: -116.966856° Datum: NAD83
 Soil Map Unit Name: Diablo clay, 15 to 30 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes _____ No (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____ Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Remarks: Significant drought conditions present.	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Washingtonia robusta</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>66%</u> (A/B)
2. <u>Alianthus altissima</u>	<u>35</u>	<u>Y</u>	<u>NI</u>	
3. <u>Acacia cyclops</u>	<u>5</u>	<u>N</u>	<u>NI</u>	
4. _____				
		<u>55</u>	= Total Cover	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Typha sp.</u>	<u>5</u>	<u>Y</u>	<u>OBL</u>	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>5</u> x 1 = <u>5</u> FACW species <u>15</u> x 2 = <u>30</u> FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species <u>40</u> x 5 = <u>200</u> Column Totals: <u>65</u> (A) <u>235</u> (B) Prevalence Index = B/A = <u>3.6</u>
2. _____				
3. _____				
4. _____				
5. _____				
		<u>5</u>	= Total Cover	
Herb Stratum (Plot size: <u>5'</u>)				
1. _____				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> Dominance Test is >50% <input type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
Woody Vine Stratum (Plot size: <u>-</u>)				
1. _____				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____
2. _____				
% Bare Ground in Herb Stratum <u>50</u> % Cover of Biotic Crust <u>0</u>				

Remarks:
 Thatch included in bare ground.

