## WETLAND DETERMINATION DATA FORM – Hawai'i and Pacific Islands Region

Project/Site:		City:		Sampling Date:	Time:		
Applicant/Owner: Sta			Comlth.:	Island:	Sampling Point:		
Investigator(s):		TMK/Parcel:					
Landform (hillslope, coastal plain, etc.):	Local relief (concave, convex, none):						
Lat:	Long:		Da	itum:	Slope (%):		
Soil Map Unit Name:				_ NWI classification	.:		
Are climatic / hydrologic conditions on t	_ No (If	no, explain in Remar	rks.)				
Are Vegetation, Soil, or	Hydrology significant	tly disturbed?	Are "Normal C	ircumstances" preser	nt? Yes No		
Are Vegetation, Soil, or	Hydrology naturally	problematic?	(If needed, exp	olain any answers in l	Remarks.)		
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.							
Hydrophytic Vegetation Present? Hydric Soil Present?	Yes No Yes No	is the Se	ampled Area				
Wetland Hydrology Present?	Yes No	within a	Wetland?	Yes	No		

Remarks:

## **VEGETATION – Use scientific names of plants.**

	Absolute	Dominant In		Dominance Test worksheet:	
Tree Stratum    (Plot size:)      1)		Species?		Number of Dominant Species That Are OBL, FACW, or FAC:	(A)
2				Total Number of Dominant	
3	· . <u></u>			Species Across All Strata:	(B)
4 5				Percent of Dominant Species That Are OBL, FACW, or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cover	r	Prevalence Index worksheet:	
1,				Total % Cover of: Multiply by:	
2				OBL species    x 1 =	
3				FACW species x 2 =	
4				FAC species x 3 =	
5				FACU species x 4 =	
··		= Total Cove	er	UPL species x 5 =	
Herb Stratum (Plot size:)				Column Totals: (A)	
1					
2				Prevalence Index = B/A =	
3				Hydrophytic Vegetation Indicators:	
4				1 - Rapid Test for Hydrophytic Vegetation	
5				2 - Dominance Test is >50%	
6				3 - Prevalence Index is ≤3.0 <sup>1</sup>	
7				Problematic Hydrophytic Vegetation <sup>1</sup> (Explanation Remarks or in the delineation report)	ain in
Woody Vine Stratum (Plot size:)		= Total Cover	r	<sup>1</sup> Indicators of hydric soil and wetland hydrology be present, unless disturbed or problematic.	must
1				Hydrophytic	
2				Vegetation	
Descerte		= Total Cover	I	Present? Yes No	
Remarks:					

Sampling Point:

(inches)  Color (moist)  %  Type1  Loc2  Texture  Remarks
Hydric Soil Indicators:  Indicators for Problematic Hydric Soils
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Histic Epipedon (A2)  Dark Surface (S7)  Sandy Mucky Mineral (S1)    Black Histic (A3)  Loamy Gleyed Matrix (F2)  Red Parent Material (F21)    Hydrogen Sulfide (A4)  Depleted Matrix (F3)  Very Shallow Dark Surface (TF12)
Black Histic (A3)  Loamy Gleyed Matrix (F2)  Red Parent Material (F21)    Hydrogen Sulfide (A4)  Depleted Matrix (F3)  Very Shallow Dark Surface (TF12)
Hydrogen Sulfide (A4)  Depleted Matrix (F3)  Very Shallow Dark Surface (TF12)
Muck Presence (A8) Redox Dark Surface (F6) Other (Explain in Remarks)
Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)
Thick Dark Surface (A12) Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic vegetation and wetland h
Sandy Gleyed Matrix (S4) must be present, unless disturbed or problemation
Restrictive Layer (if observed):
Туре:
Depth (inches): No

## HYDROLOGY

Wetland Hydrology Indicate	ors: (Expla	ain observa	ations in Remarks, if needed.)		
Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (minimum of two required					Secondary Indicators (minimum of two required)
Surface Water (A1) Aquatic Fauna (B13)				Surface Soil Cracks (B6)	
High Water Table (A2)		_	Tilapia Nests (B17)		Sparsely Vegetated Concave Surface (B8)
Saturation (A3)		-	Hydrogen Sulfide Odor (C1)		Drainage Patterns (B10)
Water Marks (B1) Oxidized Rhizospheres on Living Roots (C3		Roots (C3)	Dry-Season Water Table (C2)		
Sediment Deposits (B2) Presence of Reduced Iron (C4)			Salt Deposits (C5)		
Drift Deposits (B3) Recent Iron Reduction in Tilled Soils (C6)		oils (C6)	Stunted or Stressed Plants (D1)		
Algal Mat or Crust (B4) Thin Muck Surface (C7)			Geomorphic Position (D2)		
Iron Deposits (B5) Fiddler Crab Burrows (C10) (Guam, CNMI,		m, CNMI,	Shallow Aquitard (D3)		
Inundation Visible on Aerial Imagery (B7) and American Samoa)			FAC-Neutral Test (D5)		
Water-Stained Leaves (B	39)	_	Other (Explain in Remarks)		
Field Observations:					
Surface Water Present?	Yes	No	Depth (inches):		
Water Table Present?	Yes	No	Depth (inches):		
Saturation Present? (includes capillary fringe)	Yes	No	Depth (inches):	Wetland H	ydrology Present? Yes No
Describe Recorded Data (stre	eam gauge	, monitorin	ng well, aerial photos, previous inspec	tions), if avai	lable:
Remarks:					