Project/Site:	Cit	//County:		Sampling Date:	6/25/23
Applicant/Owner:					
Investigator(s):					
andform (hillslope, terrace, etc.):depression					
Subregion (LRR):					
PA .				assification:	
Are climatic / hydrologic conditions on the site typical				·	
Are Vegetation, Soil, or Hydrology				ces" present? Yes	No
Are Vegetation, Soil, or Hydrology				nswers in Remarks.)	
SUMMARY OF FINDINGS – Attach site		imping point	ocations, trans	ects, important te	eatures, et
	No×	Is the Sample	i Area		
Hydric Soil Present? Yes Xes Xes Yes Xes Xes Xes Xes Xes Xes Xes Xes Xes X	No	within a Wetla	nd? Yes	No	_
Remarks: PLAYA IN ALLUVIUM,	No				
Carried and a second	CLAY BUT	Jam, Dom	NATED BY	ANNOMES	
THREE VEGETATED ZON	CRACK,	renior, 2	INTERMEDIA:	IE, 3 owner	
FURROUNDED BY SAMD SAG	E & BLUE	GRAMA			***************************************
EGETATION	Absolute De	ominant Indicator	Dominance Test	workshoot	
Tree Stratum (Use scientific names.)		oecies? Status	Number of Domina		
1,				CW, or FAC:	(A)
2			Total Number of D	ominant	
3			Species Across All		(B)
4			Percent of Domina	int Species	
Total Sapling/Shrub Stratum	Cover:			CW, or FAC:	(A/B
1. <u>5 AND In GE</u>	2.5		Prevalence Index	worksheef	
2. Found with SALT guss	3			of: Multiply	/ bv:
3				x1=	
4			FACW species	x 2 =	
5				x 3 =	
	Cover:		FACU species	x 4 =	
Herb Stratum 1. ARAMA (BOUTELOUA SIMPL	- 1 / 100 1		UPL species	x 5 =	
2 SCORPLONWEED (P. POPEI)	E # 150,30		Column Totals:	(A)	(B)
B. ERIGERON	5,2		Prevalence ir	ndex = B/A =	
ASTAGULUS (VETCH)	<u> </u>		Hydrophytic Vege		
	10		Dominance Te		
. DENTHERA			Prevalence Inc		
	15,10			Adaptations ¹ (Provide :	supporting
3. SCARLET GLOSEMALLOW APP.	1		data in Ren	narks or on a separate	sheet)
x 9	Cover:		Problematic Hy	vdrophytic Vegetation ¹	(Explain)
Voody Vine Stratum			4		
•			'Indicators of hydric be present.	soil and wetland hydr	ology must
Total C	Cover:		Hydrophytic Vegetation		
% Bare Ground in Herb Stratum % 0	Cover of Biotic Crust		Present?	Yes No	
Remarks:				<u>-</u> -	
slue Grama	5,10				
SUNFLOWER LOV WHOLLY GRASS	3				
FNAMEWEED (GUTPARALEA)	7 -				
GRINDELIA					

S	OI	L
•	•	_

Sampling Point	: 001
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	needed to document the indicator or co	nfirm the absence of indicators.)
DepthMatrix	Redox Features	<u></u>
(inches) Color (moist) %	Color (moist) % Type ¹ Loc	
1-3 1048 31; 100 _	7.5 yR 4/4 2 C PI	
3-16 10 yr 3/1 98	7.5 yR 44 2 C PI	- Clay
16-32 10YR 3/2	•	Sand
¹ Type: C=Concentration, D=Depletion, RM=R		ng, RC=Root Channel, M=Matrix.
Hydric Soil Indicators: (Applicable to all LF	RRs, unless otherwise noted.)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1)	Sandy Redox (S5)	1 cm Muck (A9) (LRR C)
Histic Epipedon (A2) Black Histic (A3)	Stripped Matrix (S6)	2 cm Muck (A10) (LRR B)
Hydrogen Sulfide (A4)	Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2)	Reduced Vertic (F18) Red Parent Material (TF2)
Stratified Layers (A5) (LRR C)	Depleted Matrix (F3)	Other (Explain in Remarks)
1 cm Muck (A9) (LRR D)	Redox Dark Surface (F6)	*
Depleted Below Dark Surface (A11)	Depleted Dark Surface (F7)	
Thick Dark Surface (A12)	Redox Depressions (F8)	
Sandy Mucky Mineral (S1)	Vernal Pools (F9)	³ Indicators of hydrophytic vegetation and
Sandy Gleyed Matrix (S4) Restrictive Layer (if present):		wetland hydrology must be present.
Type:		
Depth (inches):		Hydric Soil Present? Yes > No
Remarks:		nyunc son Present? 198 No
HYDROLOGY	-	
Wetland Hydrology Indicators:		Secondary Indicators (2 or more required)
Primary Indicators (any one indicator is sufficie	nt)	Water Marks (B1) (Riverine)
Surface Water (A1)	Salt Crust (B11)	Sediment Deposits (B2) (Riverine)
High Water Table (A2)	Biotic Crust (B12)	Drift Deposits (B3) (Riverine)
Saturation (A3)	Aquatic Invertebrates (B13)	Drainage Patterns (B10)
Water Marks (B1) (Nonriverine)	Hydrogen Sulfide Odor (C1)	Dry-Season Water Table (C2)
Sediment Deposits (B2) (Nonriverine)	Oxidized Rhizospheres along Living I	,
Drift Deposits (B3) (Nonriverine)	Presence of Reduced Iron (C4)	Crayfish Burrows (C8)
✓ Surface Soil Cracks (B6)	Recent Iron Reduction in Plowed Soil	
	Recent iron Reduction in Plowed Soi Other (Explain in Remarks)	
✓ Surface Soil Cracks (B6)_ Inundation Visible on Aerial Imagery (B7)_ Water-Stained Leaves (B9)		ls (C6) Saturation Visible on Aerial Imagery (C9)
 ✓ Surface Soil Cracks (B6) _ Inundation Visible on Aerial Imagery (B7) _ Water-Stained Leaves (B9) Field Observations: 	Other (Explain in Remarks)	ls (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
 ✓ Surface Soil Cracks (B6) _ Inundation Visible on Aerial Imagery (B7) _ Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No 	Other (Explain In Remarks) Depth (inches):	ls (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
 ✓ Surface Soil Cracks (B6) _ Inundation Visible on Aerial Imagery (B7) _ Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No 	Other (Explain In Remarks) X Depth (inches):	ls (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
✓ Surface Soil Cracks (B6) ✓ Inundation Visible on Aerial Imagery (B7) ✓ Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Saturation Present? Yes No	Other (Explain In Remarks) Depth (inches): Depth (inches):	ls (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
✓ Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Saturation Present? Yes No (includes capillary fringe)	Other (Explain In Remarks) Depth (inches): Depth (inches): W	Is (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
✓ Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Saturation Present? Yes No (includes capillary fringe)	Other (Explain In Remarks) Depth (inches): Depth (inches): W	Is (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
✓ Surface Soil Cracks (B6) _ Inundation Visible on Aerial Imagery (B7) _ Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No. Water Table Present? Yes No. Saturation Present? Yes No. (includes capillary fringe) Describe Recorded Data (stream gauge, monitor) Value	Other (Explain In Remarks) Depth (inches): Depth (inches): W	Is (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
✓ Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Saturation Present? Yes No	Other (Explain In Remarks) Depth (inches): Depth (inches): W	Is (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
✓ Surface Soil Cracks (B6) _ Inundation Visible on Aerial Imagery (B7) _ Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No. Water Table Present? Yes No. Saturation Present? Yes No. (includes capillary fringe) Describe Recorded Data (stream gauge, monitor) Value	Other (Explain In Remarks) Depth (inches): Depth (inches): W	Is (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
✓ Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Water Table Present? Yes No Saturation Present? Yes No (includes capillary fringe) Describe Recorded Data (stream gauge, monitor)	Other (Explain In Remarks) Depth (inches): Depth (inches): W	Is (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site:	City/County: Sampling Date: 6/25/23
	State: Sampling Point: OD 2
	Section, Township, Range:
Landform (hillslope, terrace, etc.):	Local relief (concave, convex, none): Slope (%):
Subregion (LRR):	34. 77 257 Long: 107. 93295 Datum:
	NWI classification:
Are climatic / hydrologic conditions on the site typical for this time of	
	tly disturbed? Are "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally	
SUMMARY OF FINDINGS – Attach site map showi	ng sampling point locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	To the Committed Ameri
Hydric Soil Present? Yes No ×	
Wetland Hydrology Present? Yes>_ No	<u> </u>
Remarks: W. SIDE HENVILY SLOPED SO	NO ZONE Z.
ZONE 2 13 MORE BARE GROUND (50	-80-1.)
VEGETATION	
Absolu	e Dominant Indicator Dominance Test worksheet:
<u>Tree Stratum</u> (Use scientific names.) <u>% Cov</u>	er Species? Status Number of Dominant Species
1	That Are OBL, FACW, or FAC: (A)
2	Total Number of Dominant
3	
4Total Cover:	Percent of Dominant Species
Sapling/Shrub Stratum	(AVD)
1,2 1. SAND SAGE 4, 1	Prevalence Index worksheet:
2	
3	OBL species x1 =
4	FAC species x 2 =
Total Cover:	X4"=
1,21. AMARANTHUS	UPL species x 5 =
1 2. EVENING PRIMROSE, WHITE STEMMED 3	Column Totals: (A) (B)
1, 3. BLUE GRAMA 5, 1	Prevalence Index = B/A =
1 4. GRINDELIA 8	Hydrophytic Vegetation Indicators:
2 5. SCARLET GLOBEMALION 2	Dominance Test is >50%
2 6. 7001 BLEWEED 2	Prevalence Index is ≤3.0 ¹
7	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8,	Droblomatic Hydrophytic Vacatation (Fundam)
Total Cover:	- Trosionalio Trydrophydo Vegetation (Explain)
1	¹Indicators of hydric soil and wetland hydrology must
2	ha nunnut
Total Cover:	Hydrophytic
% Bare Ground in Herb Stratum % Cover of Biotic	Vegetation
Remarks:	Crust Present? Yes No

Charles Clar		o tito dopt			ncator (or contirn	the absence of	indicators.)	
Depth (inches)	Color (moist)		Red Color (moist)	ox Features %	Tune	Loc ²	Toxturo	Remarks	
0-8	10 7 12 3/2				Type	LUC			
	· · · · · · · · · · · · · · · · · · ·	100					- clay -		
8+	7.5 YR 3/2	100	eror.	 			Sand Loa	. M)	
ype: C=Co	ncentration, D=Deple	etion, RM=	Reduced Matrix.	² Location: F	PL=Pore	Lining, R		M=Matrix. Problematic Hydric Soils	3.
Histosol			Sandy Red	•	,			k (A9) (LRR C)	,
_	ipedon (A2)		Stripped M	. ,				k (A10) (LRR B)	
Black His			Loamy Muc		F1)		Reduced \		
_ Hydroger	n Sulfide (A4)		Loamy Gle	•				nt Material (TF2)	
_ Stratified	Layers (A5) (LRR C))	Depleted M	latrix (F3)	·			plain in Remarks)	
_	ck (A9) (LRR D)		Redox Darl						
	Below Dark Surface	(A11)		ark Surface (F					
Think Day									
	rk Surface (A12)		Redox Dep				_		
_ Sandy M	ucky Mineral (S1)		Redox Dep Vernal Poo		l			nydrophytic vegetation and	
Sandy Mi Sandy Gi	ucky Mineral (S1) eyed Matrix (S4)							nydrophytic vegetation and drology must be present.	
Sandy Mi Sandy Gi estrictive L	ucky Mineral (S1) eyed Matrix (S4) ayer (If present):		Vernal Poo						
Sandy Mi Sandy Gi lestrictive L Type:	ucky Mineral (S1) eyed Matrix (S4) ayer (If present):		Vernal Poo						
Sandy Mi Sandy Gi estrictive L Type: Depth (inclements)	ucky Mineral (S1) eyed Matrix (S4) ayer (If present):		Vernal Poo					drology must be present.) <u>/</u> *
Sandy Months Sandy Months Sandy Months Sandy Given Included Sandy Months Sandy Months Sandy Included Sandy Incl	ayer (if present): hes): SY rology Indicators: attors (any one indicators): (A3) rks (B1) (Nonrivering posits (B2) (Nonrivering oil Cracks (B6)	or is sufficience)	ent) Sait Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence of Recent Iro	(B11) st (B12) vertebrates (B Sulfide Odor (thizospheres a of Reduced Irv	313) (C1) along L on (C4) n Plowe		Secondary Water Sedin Drift E Drains Dry-S S (C3) Thin M Crayfi 6) Satura	y Indicators (2 or more required Marks (B1) (Riverine) nent Deposits (B2) (Riverine) age Patterns (B10) deason Water Table (C2) Muck Surface (C7) dish Burrows (C8) attion Visible on Aerial Image	uired)
Sandy Mongard Sandy Grand Sandy Grand Sandy Grand Sandy Grand Sandy Grand Sandy Indication In	ayer (if present): hes): rology Indicators: https://dicators.com/dicators/lines/li	or is sufficience)	ent) Sait Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence of Recent Iro	(B11) st (B12) vertebrates (B Sulfide Odor (thizospheres a of Reduced Irv	313) (C1) along L on (C4) n Plowe		Secondary Water Sedin Drift E Drains Dry-S s (C3) Thin M Satura Shallo	y Indicators (2 or more requirement Deposits (B2) (Riverine) nent Deposits (B2) (Riverine) nege Patterns (B10) deason Water Table (C2) Muck Surface (C7) ish Burrows (C8)	ne)
Sandy Mo Sandy Gi estrictive L Type: Depth (inclemarks:	ayer (if present): hes): rology Indicators: https://dicators.com/rology Indicators/ ayer (A1) her Table (A2) her (A3) rks (B1) (Nonrivering Indicators (B2) (Nonrivering Indicators (B3) (No	or is sufficience) iverine) ne) agery (B7)	ent) Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrates (B Sulfide Odor (Rhizospheres a of Reduced Iron Reduction in	313) (C1) along L on (C4) n Plowe rks)	ed Soils (C	Secondary Water Sedin Drift E Drains Dry-S s (C3) Thin M Satura Shallo	y Indicators (2 or more requirement Deposits (B1) (Riverine) age Patterns (B10) deason Water Table (C2) Muck Surface (C7) dish Burrows (C8) atton Visible on Aerial Imagow Aquitard (D3)	uired)
Sandy Mongo Sandy Griestrictive Land Type: Depth (inclemarks: Depth (i	ayer (if present): hes): rology Indicators: https://dicators.ayone.indicators/ vater (A1) her Table (A2) her (A3) rks (B1) (Nonrivering Deposits (B2) (Nonrivering Indicators) her Table (A2) her (A3) rks (B1) (Nonrivering Indicators) her (B2) (Nonrivering Indicators) her (B3) (Nonrivering Indicators) her (B4) her (B5) (Nonrivering Indicators) her (B5) her (B6) her (B6) her (B6) her (B6) her (B7) her (B7)	or is sufficience) iverine) agery (B7)	ent) Salt Crust Biotic Crust Aquatic Im Hydrogen Oxidized F Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrates (B Sulfide Odor (Rhizospheres a of Reduced Iro n Reduction in plain in Remar	313) (C1) along L on (C4) n Plowe	ed Soils (C	Secondary Water Sedin Drift E Drains Dry-S s (C3) Thin M Satura Shallo	y Indicators (2 or more requirement Deposits (B1) (Riverine) age Patterns (B10) deason Water Table (C2) Muck Surface (C7) dish Burrows (C8) atton Visible on Aerial Imagow Aquitard (D3)	uired)
Sandy Mo Sandy Gi estrictive L Type: Depth (inclemarks:	aver (If present): hes): Tology Indicators: ators (any one indicators): A (A3) rks (B1) (Nonrivering) peposits (B2) (Nonrivering) posits (B3) (Nonrivering) oil Cracks (B6) a Visible on Aerial Implied Leaves (B9) ations: Present? Yes resent? Yes	or is sufficience) agery (B7) agery No	ent) Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrates (B Sulfide Odor (thizospheres and Reduced Iron Reduction in Remark ches):	313) (C1) along L on (C4) n Plowe	ed Soils (C	Secondari Secondari Water Sedin Drift D Dry-S s (C3) Thin M Crayfi 6) Satura FAC-I	y Indicators (2 or more requirement Deposits (B1) (Riverine) age Patterns (B10) deason Water Table (C2) Muck Surface (C7) dish Burrows (C8) atton Visible on Aerial Imagow Aquitard (D3)	uired)

		ı	City/County:		Sampling Date: <u>6 </u>
Applicant/Owner:			ony, county	State:	Sampling Point: 003
Investigator(s):					
Landform (hillslope, terrace, etc.):					
Subregion (LRR):		Lat:	7. 10391	Long: <u> </u>	75 7 3 Datum:
Soll Map Unit Name: 🔾 🛆				NWI classi	fication:
Are climatic / hydrologic conditions on the	e site typical for the	nis time of yea	ar? Yes N	o (If no, explain in	Remarks.)
Are Vegetation, Soil, or H	lydrology	significantly	disturbed? A	re "Normal Circumstances"	present? Yes No
Are Vegetation, Soil, or H	iydrology	naturally pro	blematic? (I	f needed, explain any ansv	vers in Remarks.)
SUMMARY OF FINDINGS - Att	tach site mar	showing	sampling poir	it locations, transect	ts, important features, et
Hydrophytic Vegetation Present?	Yes	No			
Hydric Soil Present?	Yes X	No	Is the Samp		A1 -
Wetland Hydrology Present?	Yes		within a We	tland? Yes	No
ENEST PITI PUPIN					
VEGETATION					
Tree Stratum (Use scientific names.)			Dominant Indicate		rksheet:
1,				- I manager of Dominant	Species /, or FAC: (A)
2				Total Number of Dom	inant
3			•	Species Across All St	rata: (B)
4		er:		Percent of Dominant S That Are OBL, FACW	Species ', or FAC: (A/E
Sapling/Shrub Stratum 1				Prevalence Index wo	orkehoot:
2.				-	Multiply by:
3.					x 1 =
4.				- ' ' ' '	x 2 =
5.				-	x3=
		or:			x 4 =
Herb Stratum				I	x5=
1. CHENOPOBIUM INCARUM		20		— Column Totals:	(A) (B
2. WESTERN WHEATWASS					
3. Timbleweed				-	x = B/A =
4. Ambres14 Sp.		40		Hydrophytic Vegetat	
5. PIGNEED				Dominance Test i	
6				Prevalence Index	aptations ¹ (Provide supporting
7				_ Morphologicar Ad	ks or on a separate sheet)
8				Problematic Hydro	ophytic Vegetation ¹ (Explain)
Woody Vine Stratum	Total Cove	r:			
1					oil and wetland hydrology must
				be present.	
2		.y		Hydrophytic	
2	Total Cove	·			
2				Vegetation Present? Yes	9s No

Depth	ription: (Describe	•		x Feature					,
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type	_Loc ²	Texture		Remarks
0-2	104K 4/2	150%	44				Sandle	చెకాడు.	
2-10	10 yR 4/2	Gen 1	3.5 yr 5/6	~~~	<u> </u>	PL	Clay	///	
Part 7 War			Les			· —	The state of the s	erestory assess il la riesto pieto presidente a como	Chiles - Warney Const Wine Const Hebricano
	The state of the s								-
And the second second								Rugn	ion thickle
0-8.5	10 ya 4/3	100%		- ————			Sand	piy	vend, ender
8.5 +	107R 412	98%	7,5 yB 5/4	2			Sandy Clay	do e	la.
	moisture or	esent	- 1002 Q	a. us l	e dom	1. A.			0 6, U L U 3
	4-		- look @	0.1	hydr	01094	-	milk	vetch
Type: C=Ce	ncentration, D=Depl	otion DM-I	Doduced Matrix	21 0004100	. DID				
	ndicators: (Applica					e cining, R			atic Hydric Soil
Histosol (Sandy Redo		July			ick (A9) (LF	-
	pedon (A2)		Stripped Ma					uck (A9) (Lin uck (A10) (L	
Black His			Loamy Mucl		l (F1)			d Vertic (F1	
	Sulfide (A4)		Loamy Gley	•	• ,			ent Material	•
	Layers (A5) (LRR C	;)	∠ Depleted Ma		. ,			xplain in Re	•
1 cm Mud	k (A9) (LRR D)		Redox Dark		F6)	4.	;	•.	•
Depleted	Below Dark Surface	(A11)	Depleted Da	ark Surfac	e (F7)				
	k Surface (A12)		Redox Depr		F8)	į .			
	ıcky Mineral (S1)		Vernal Pools	s (F9)	1.9				c vegetation and
	eyed Matrix (S4)						wetland h	ydrology mi	ust be present.
	yer (if present):								
Type:							.1		
D # # 1							1		~
Depth (inch Remarks:	nes):					No Control	Hydric Soil F	resent?	Yes <u>×</u> N
Remarks:						1	Hydric Soil F	resent?	Yes <u>× </u>
Remarks:	ΣΥ				e e e e e e e e e e e e e e e e e e e	Re-	Hydric Soil F	resent?	Yes <u>×</u> N
Remarks: YDROLOG Wetland Hydr	Y ology Indicators:				and the second of the second o		,		Yes X N
Remarks: YDROLOG Wetland Hydr	ΣΥ	tor is suffici	ent)		· · · · · · · · · · · · · · · · · · ·		Second	ary Indicato	
YDROLOG Wetland Hydr Primary Indica Surface W	ology Indicators: tors (any one indica /ater (A1)	tor is suffici	Salt Crust (and the second of the second o		Second	ary Indicato ter Marks (E	rs (2 or more rec
YDROLOG Wetland Hydr Primary Indica Surface W	iY ology Indicators: tors (any one indica	tor is suffici					Secono Wa Se	ary Indicato ter Marks (E diment Depo	rs (2 or more rec 31) (Riverine)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation	ology Indicators: tors (any one indica /ater (A1) er Table (A2) (A3)	,	Salt Crust (t (B12)	; (B13)		Second Wa Sec Dri	ary Indicato ter Marks (E diment Depo	rs (2 or more rec 31) (Riverine) osits (B2) (Riveri B3) (Riverine)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation	ology Indicators: tors (any one indica /ater (A1) er Table (A2)	,	Salt Crust (Biotic Crust	t (B12) ertebrates			Second Wa L. Second Dri L. Dri L. Dra	ary Indicato ter Marks (E diment Depo ft Deposits (inage Patte	rs (2 or more rec 31) (Riverine) osits (B2) (Riveri B3) (Riverine)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mar Sediment	ology Indicators: tors (any one indica /ater (A1) er Table (A2) (A3) rks (B1) (Nonriverin	ne) riverine)	Salt Crust (Biotic Crust Aquatic Inv	t (B12) ertebrates Sulfide Od	ог (С1)	Living Root	Second Wa Second Dri Dri Dra Dry	ary Indicato ter Marks (E diment Depo ft Deposits (inage Patte	rs (2 or more rec 81) (Riverine) osits (B2) (Riveri B3) (Riverine) rns (B10) ater Table (C2)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mar Sediment Drift Depo	ology Indicators: tors (any one indicater (A1) er Table (A2) (A3) rks (B1) (Nonriverin	ne) riverine)	Salt Crust (Biotic Crust Aquatic Inv Hydrogen S	t (B12) ertebrates Sulfide Od hizosphere	ог (С1) es along l	· - '	Second We Dri Dri Dry Second	ary Indicato ter Marks (E diment Depo ft Deposits (inage Patte -Season Wa	rs (2 or more rec 81) (Riverine) osits (B2) (Riveri B3) (Riverine) rns (B10) ater Table (C2) ace (C7)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Man Sediment Drift Depo	ology Indicators: tors (any one indicater (A1) or Table (A2) (A3) ks (B1) (Nonrivering Deposits (B2) (Nonrivering Sits (B3) (Nonrivering Sits (B3) (Nonrivering Sits (B3) (Nonrivering Sits (B3) (Nonrivering Sits (B6))	ne) riverine) ne)	Salt Crust (Biotic Crust Aquatic Inv Hydrogen S Oxidized RI Presence o	t (B12) ertebrates Sulfide Odi hizosphere of Reduced	or (C1) es along l d Iron (C4)	Second Wa Second Dri Dri Dri Dro Thi	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov	rs (2 or more rec 81) (Riverine) osits (B2) (Riveri B3) (Riverine) rns (B10) ater Table (C2) ace (C7)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Man Sediment Drift Depo	ology Indicators: tors (any one indicater (A1) er Table (A2) (A3) rks (B1) (Nonriverin	ne) riverine) ne)	Salt Crust (Biotic Crust Aquatic Inv Hydrogen S Oxidized RI Presence o	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio	or (C1) es along l d Iron (C4 in in Plow)	Second 	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov	rs (2 or more rec 31) (Riverine) osits (B2) (Riverine) rns (B10) oter Table (C2) ace (C7) vs (C8) ole on Aerial Ima
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mar Sediment Drift Depo Surface So Inundation Water-Sta	ology Indicators: tors (any one indicators: tater (A1) er Table (A2) (A3) eks (B1) (Nonriverin Deposits (B2) (Nonriverin sits (B3) (Nonriverin bil Cracks (B6) Visible on Aerial Imined Leaves (B9)	ne) riverine) ne)	Salt Crust (Biotic Crust Aquatic Inv Hydrogen S Oxidized RI Presence o	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio	or (C1) es along l d Iron (C4 in in Plow)	Second Wa Second Dri Dri Drg ts (C3) Thi Cra Sat Sha	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov uration Visik	rs (2 or more rec 31) (Riverine) ssits (B2) (Riverine) rns (B10) ater Table (C2) ace (C7) vs (C8) ole on Aerial Imard (D3)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mar Sediment Drift Depo Surface So Inundation	ology Indicators: tors (any one indicater (A1) er Table (A2) (A3) eks (B1) (Nonriverin Deposits (B2) (Nonriverin bil Cracks (B6) Visible on Aerial Intined Leaves (B9)	ne) rlverine) ne) nagery (B7)	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized Ri Presence o Recent Iron Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio lain in Ren	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dri Drg ts (C3) Thi Cra Sat Sha	ary Indicato ter Marks (E diment Depo ft Deposits (inage Patte -Season Wa n Muck Surf nyfish Burrov uration Visik allow Aquita	rs (2 or more rec 31) (Riverine) ssits (B2) (Riverine) rns (B10) ater Table (C2) ace (C7) vs (C8) ole on Aerial Imard (D3)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mar Sediment Drift Depo Surface So Inundation Water-Sta	ology Indicators: tors (any one indicat/ater (A1) er Table (A2) (A3) eks (B1) (Nonriverin Deposits (B2) (Nonriverin bil Cracks (B6) Visible on Aerial Imined Leaves (B9) tions: Present? Yes	ne) riverine) ne) nagery (B7)	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere f Reduced Reductio ain In Ren	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dri Drg ts (C3) Thi Cra Sat Sha	ary Indicato ter Marks (E diment Depo ft Deposits (inage Patte -Season Wa n Muck Surf nyfish Burrov uration Visik allow Aquita	rs (2 or more rec 31) (Riverine) ssits (B2) (Riverine) rns (B10) ater Table (C2) ace (C7) vs (C8) ole on Aerial Imard (D3)
YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mai Sediment Drift Depo Surface So Inundation Water-Stai	ology Indicators: tors (any one indicat/ater (A1) er Table (A2) (A3) eks (B1) (Nonriverin Deposits (B2) (Nonriverin bil Cracks (B6) Visible on Aerial Imined Leaves (B9) tions: Present? Yes	ne) riverine) ne) nagery (B7) s No	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized Ri Presence o Recent Iron Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere f Reduced Reductio lain in Ren hes):	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dri Drg ts (C3) Thi Cra Sat Sha	ary Indicato ter Marks (E diment Depo ft Deposits (inage Patte -Season Wa n Muck Surf nyfish Burrov uration Visik allow Aquita	rs (2 or more rec 31) (Riverine) ssits (B2) (Riverine) rns (B10) ater Table (C2) ace (C7) vs (C8) ole on Aerial Imard (D3)
YDROLOG Wetland Hydr Primary Indica Surface W High Water Saturation Water Man Sediment Drift Depo Surface So Inundation Water-Stai Field Observa Surface Water Vater Table Present	ology Indicators: tors (any one indical /ater (A1) er Table (A2) (A3) ks (B1) (Nonriverin Deposits (B2) (Nonriverin Dil Cracks (B6) Visible on Aerial Imined Leaves (B9) tions: Present? Yes eent? Yes	ne) riverine) ne) nagery (B7) s No	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere f Reduced Reductio lain in Ren hes):	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second 	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov uration Visik allow Aquital C-Neutral Te	rs (2 or more rec 31) (Riverine) ssits (B2) (Riverine) rns (B10) ater Table (C2) ace (C7) vs (C8) ole on Aerial Imard (D3)
YDROLOG Wetland Hydr Primary Indica Surface W High Water Saturation Water Man Sediment Drift Depo Surface So Inundation Water-Stal Field Observa Surface Water Vater Table Prosencludes capill	ology Indicators: tors (any one indicators) tater (A1) or Table (A2) (A3) rks (B1) (Nonrivering Deposits (B2) (Nonrivering Sits (B3) (Nonrivering Sits (B3) (Nonrivering Sits (B6) Visible on Aerial Immined Leaves (B9) tions: Present? Yes Sent? Yes ary fringe)	ne) ne) nagery (B7) s No s No	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iror Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio lain in Ren hes): hes):	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dra Dry Sal Sha FA	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov uration Visik allow Aquital C-Neutral Te	rs (2 or more rec 31) (Riverine) osits (B2) (Riverine) rns (B10) oter Table (C2) ace (C7) vs (C8) ole on Aerial Ima rd (D3) ost (D5)
YDROLOG Wetland Hydr Primary Indica Surface W High Water Saturation Water Man Sediment Drift Depo Surface So Inundation Water-Stal Field Observa Surface Water Vater Table Prosencludes capill	ology Indicators: tors (any one indical /ater (A1) er Table (A2) (A3) ks (B1) (Nonriverin Deposits (B2) (Nonriverin Dil Cracks (B6) Visible on Aerial Imined Leaves (B9) tions: Present? Yes eent? Yes	ne) ne) nagery (B7) s No s No	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iror Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio lain in Ren hes): hes):	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dra Dry Sal Sha FA	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov uration Visik allow Aquital C-Neutral Te	rs (2 or more rec 31) (Riverine) osits (B2) (Riverine) rns (B10) oter Table (C2) ace (C7) vs (C8) ole on Aerial Ima rd (D3) ost (D5)
YDROLOG Wetland Hydr Primary Indica Surface W High Water Saturation Water Man Sediment Drift Depo Surface So Inundation Water-Stail Field Observa Surface Water Vater Table Prosaturation Presence Saturation Describe Reco	ology Indicators: tors (any one indicat/ater (A1) er Table (A2) (A3) cks (B1) (Nonriverin Deposits (B2) (Nonriverin bil Cracks (B6) Visible on Aerial Imined Leaves (B9) tions: Present? Yes ersent? Yes ersent? Yes ary fringe)	ne) riverine) ne) nagery (B7) s No s No gauge, moni	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio lain in Ren hes): hes): hes):	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dra Dry Sal Sha FA	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov uration Visik allow Aquital C-Neutral Te	rs (2 or more rec 31) (Riverine) osits (B2) (Riverine) rns (B10) oter Table (C2) ace (C7) vs (C8) ole on Aerial Ima rd (D3) ost (D5)
YDROLOG Wetland Hydr Primary Indica Surface W High Water Saturation Water Man Sediment Drift Depo Surface So Inundation Water-Stail Field Observa Surface Water Vater Table Prosaturation Presence Saturation Describe Reco	ology Indicators: tors (any one indicat/ater (A1) er Table (A2) (A3) cks (B1) (Nonriverin Deposits (B2) (Nonriverin bil Cracks (B6) Visible on Aerial Imined Leaves (B9) tions: Present? Yes ersent? Yes ersent? Yes ary fringe)	ne) riverine) ne) nagery (B7) s No s No gauge, moni	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio lain in Ren hes): hes): hes):	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dra Dry Sal Sha FA	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov uration Visik allow Aquital C-Neutral Te	rs (2 or more rec 31) (Riverine) osits (B2) (Riverine) rns (B10) oter Table (C2) ace (C7) vs (C8) ole on Aerial Ima rd (D3) ost (D5)
YDROLOG Wetland Hydr Primary Indica Surface W High Water Saturation Water Man Sediment Drift Depo Surface So Inundation Water-Stail Field Observa Surface Water Vater Table Prosaturation Presence Saturation Describe Reco	ology Indicators: tors (any one indicators) tater (A1) or Table (A2) (A3) rks (B1) (Nonrivering Deposits (B2) (Nonrivering Sits (B3) (Nonrivering Sits (B3) (Nonrivering Sits (B6) Visible on Aerial Immined Leaves (B9) tions: Present? Yes Sent? Yes ary fringe)	ne) riverine) ne) nagery (B7) s No s No gauge, moni	Salt Crust (Biotic Crust (Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	t (B12) ertebrates Sulfide Odi hizosphere of Reduced n Reductio lain in Ren hes): hes): hes):	or (C1) es along l d Iron (C4 in in Plow marks)	ed Soils (C	Second Wa Second Dri Dra Dry Sal Sha FA	ary Indicato ter Marks (E diment Depo it Deposits (inage Patte -Season Wa n Muck Surf yfish Burrov uration Visik allow Aquital C-Neutral Te	rs (2 or more rec 31) (Riverine) osits (B2) (Riverine) rns (B10) oter Table (C2) ace (C7) vs (C8) ole on Aerial Ima rd (D3) ost (D5)

34.77511, -107, 94357

FRINGE OF WEIDERN WHEATGERS,

SHRUBS ALONG EDGES (3-LEAR SUMAL NM OLIVE?)

90% BARE GROUND IN INTERIOR, SCORPIONULED

DEEP CRACKS

BURROWS IN PLAYA, PRAIRIE DOG

Project/Site:			City/C	ounty:		San	npling Date: 🛂	26/25
Applicant/Owner:					State:	 San	npling Point:	ooy
nvestigator(s):								
andform (hillslope, terrace, etc.):								
Subregion (LRR):								
Soil Map Unit Name:								
are climatic / hydrologic conditions on th								
are Vegetation, Soil, or h		<u>.</u>			"Normal Circumsta		•	No
re Vegetation, Soil, or F					eeded, explain any	•		_ 140
SUMMARY OF FINDINGS – At		•						ures. etc
Hydrophytic Vegetation Present?	Yes×			9 p				
Hydric Soil Present?	Yes			Is the Sampled				
Wetland Hydrology Present?				within a Wetla	nd? Ye	s	No	
Remarks: Cabble 5/26 V	OLLANIC							
'EGETATION		Abeelute	Daw	in at Indicator	I Daminana Tar	4		
Tree Stratum (Use scientific names.)				inant Indicator cies? Status	Dominance Tes Number of Domi			
1					That Are OBL, F.			(A)
2					Total Number of	Dominant		
3					Species Across			(B)
4					Percent of Domin	nant Specie:		
Sapling/Shrub Stratum	Total Cov	/er:			That Are OBL, F.			(A/B)
1					Prevalence Inde	x workshe	et:	
2.					Total % Cov	er of:	Multiply by	<i>t</i> :
3					OBL species			
4					FACW species		x 2 =	
5					FAC species		x 3 =	
Louis Charten	Total Cov	/er:			FACU species _			
Herb Stratum 1. Phlya modifloria		50			UPL species			
COMMON PURSUANE					Column Totals:		. (A)	(B)
3. JAMES' CATSEYE					Prevalence	Index = B/	A =	
GRAMA, BLUE					Hydrophytic Ve			
. WESTERN WHEAT					Dominance	- Test is >50%	, 5	
S					Prevalence I	ndex is ≤3.0	,1	
7							ns ¹ (Provide sup	
B							n a separate she	-
	Total Cov	rer:			Problematic	Hydropnytic	vegetation (Ex	(plain)
Noody Vine Stratum					Indicators of hyd	lric coil and	watland bydraia	av muet
1					be present.	ii ic soii ai iu	welland hydrolo	gy musi
2	Total Care	er:			Hydrophytic			
					Vegetation			
% Bare Ground in Herb Stratum	<u>レーガ</u> の % Cov	er of Biotic Cr	ust	<u> </u>	Present?	Yes	No	-
Remarks:							-	
Remarks:								

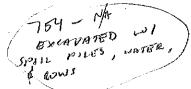
2 2

	tor or confirm the absence of indicators.)
Depth Matrix Redox Features (inches) Color (moist) % Color (moist) % Typ	pe ¹ Loc ² Texture Remarks
0-12 104R 3/2 100 -	CLAY
<u> </u>	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ² Location: PL=	Pore Lining RC=Root Channel M=Matrix
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	Indicators for Problematic Hydric Solis ³ :
_ Histosol (A1) Sandy Redox (S5)	1 cm Muck (A9) (LRR C)
_ Histic Epipedon (A2) Stripped Matrix (S6)	2 cm Muck (A10) (LRR B)
_ Black Histic (A3) Loamy Mucky Mineral (F1)	Reduced Vertic (F18)
_ Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)	Red Parent Material (TF2)
_ Stratified Layers (A5) (LRR C) Depleted Matrix (F3)	Other (Explain in Remarks)
_ 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) _ Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)	
Depleted Below Dark Surface (ATT)	
Sandy Mucky Mineral (S1) Vernal Pools (F9)	³ Indicators of hydrophytic vegetation and
Sandy Gleyed Matrix (S4)	wetland hydrology must be present.
estrictive Layer (if present):	, 0,
Type:	
Type: Depth (inches):	Hydric Soll Present? Yes No
···	Hydric Soll Present? Yes No>
Depth (inches):	Hydric Soll Present? Yes No>
Depth (inches):	Hydric Soll Present? Yes No>
Depth (inches):	Hydric Soll Present? Yes No>
Depth (inches):emarks:	Hydric Soll Present? Yes No>
Depth (inches):emarks:	Hydric Soll Present? Yes No
Depth (inches):emarks: DROLOGY	
Depth (inches):emarks: DROLOGY otland Hydrology Indicators:	
Depth (inches):emarks: DROLOGY otland Hydrology Indicators:	Secondary Indicators (2 or more required)
Depth (inches):emarks: DROLOGY etland Hydrology Indicators:	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine)
Depth (inches):emarks: DROLOGY otland Hydrology Indicators: mary Indicators (any one indicator is sufficient)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Depth (inches):emarks: DROLOGY otland Hydrology Indicators: mary Indicators (any one indicator is sufficient)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Depth (inches):	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (inches):	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) ng Living Roots (C3) Thin Muck Surface (C7)
Depth (inches): DROLOGY etland Hydrology Indicators: Imary Indicators (any one indicator is sufficient) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (Samuration (A3)) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (Samuration (A3)) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (Samuration (A3))	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Ing Living Roots (C3) Thin Muck Surface (C7) (C4) Crayfish Burrows (C8)
Depth (inches): DROLOGY etland Hydrology Indicators: Imary Indicators (any one indicator is sufficient) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (A2) Presence of Reduced Iron (A3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) ng Living Roots (C3) Thin Muck Surface (C7) (C4) Crayfish Burrows (C8) lowed Soils (C6) Saturation Visible on Aerial Imagery (
Depth (inches):	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) ng Living Roots (C3) — Thin Muck Surface (C7) (C4) — Crayfish Burrows (C8) lowed Soils (C6) — Saturation Visible on Aerial Imagery (
Depth (inches):	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) ng Living Roots (C3) — Thin Muck Surface (C7) (C4) — Crayfish Burrows (C8) lowed Soils (C6) — Saturation Visible on Aerial Imagery (12) Shallow Aquitard (D3)
Depth (inches): Emarks: DROLOGY etland Hydrology Indicators: Imary Indicators (any one indicator is sufficient) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Eld Observations:	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Ing Living Roots (C3) Thin Muck Surface (C7) (C4) Crayfish Burrows (C8) lowed Soils (C6) Saturation Visible on Aerial Imagery (1) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches):	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Ing Living Roots (C3) Thin Muck Surface (C7) (C4) Crayfish Burrows (C8) lowed Soils (C6) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches): DROLOGY etland Hydrology Indicators: Imary Indicators (any one indicator is sufficient) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B4) (Nonriverine) Drift Deposits (B4) (No	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) (C4) Crayfish Burrows (C8) lowed Soils (C6) Saturation Visible on Aerial Imagery (1) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site:	City/9	County:		Sampling Date: 6/26/25
Applicant/Owner:			State:	Sampling Point: 005
Investigator(s):				
Landform (hillslope, terrace, etc.):				
Subregion (LRR):				
Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for				
Are Vegetation, Soil, or Hydrology				" present? Yes No
Are Vegetation, Soil, or Hydrology SUMMARY OF FINDINGS – Attach site ma			eeded, explain any ansv ocations, transect	,
Hydrophytic Vegetation Present? Yes	No			
Hydric Soil Present? Yes		Is the Sampled		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Within a Wetiai	nd? Yes	No
Remarks: SURROUNDED BY PINON	J B 750 NV	PER ON	J SLOPED	E0655
Volcanic consist & Bou	WER THE	20194017	PLATA BOTTOM	BUT LESS
ON OUTER EDGES, OUTE	R RING WI	MORE SA	REGAL SOL	
VEGETATION	Absolute Con		I B T	A. L
<u>Tree Stratum</u> (Use scientific names.)		minant Indicator ecies? Status	Dominance Test wo	
1			Number of Dominant That Are OBL, FACW	Species /, or FAC:(A)
2			Total Number of Dom	
3.			Species Across All St	
4			Percent of Dominant	Species
Total Co	ver:			/, or FAC: (A/B)
Sapling/Shrub Stratum			Prevalence Index wo	arkahoot.
2				: Multiply by:
3				x1=
4,			·	x2=
5.				x 3 =
	/er:		FACU species	x 4 =
Herb Stratum	m		UPL species	x 5 =
21. FROGEROIS ELEMBANG SAP.			Column Totals:	(A) (B)
13. WESTERN NUE SAP.			Provolence Inde	ex = B/A =
4. BLUE GRAMA			Hydrophytic Vegetat	
5. VINE MESQUITE?			Dominance Test i	
6. KINGLUPINE	_ <u> </u>		Prevalence Index	
7. BROWN SNOWEWEETS				aptations ¹ (Provide supporting
8. Vak. Ga. 1995				ks or on a separate sheet)
			Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum			4	
1			'Indicators of hydric so be present.	oil and wetland hydrology must
2				
	rer:		Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 10-25 % Cov	er of Biotic Crust _			es No
Remarks:				
			.*	

Depth	Matrix		Pedr	ox Features		m the absence of in	
inches)	Color (moist)	%		% Type	Loc ²	Texture	Remarks
9-17	10 yR 3/2	100				Clany	
ydric Soil _ Histosol	oncentration, D=Dep Indicators: (Applic (A1) pipedon (A2)			rwise noted.) ox (S5)	ore Lining, F		Problematic Hydric Solls³: (A9) (LRR C)
_ 1 113110 111			Loamy Muc	ky Mineral (F1)		Reduced Ve	ertic (F18)
Stratified	en Sulfide (A4) d Layers (A5) (LRR (uck (A9) (LRR D)	C)	Loamy Gley Depleted Mail Redox Dark	atrix (F3)			Material (TF2) ain in Remarks)

HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (2 or more required)
Primary Indicators (any one indicator is sufficient)	Water Marks (B1) (Riverine)
High Water Table (A2) Biotic Saturation (A3) Aquat	crust (B11) Sediment Deposits (B2) (Riverine) Crust (B12) Drift Deposits (B3) (Riverine) ic Invertebrates (B13) Drainage Patterns (B10) gen Sulfide Odor (C1) Dry-Season Water Table (C2)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Recei	ced Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) nce of Reduced Iron (C4) Crayfish Burrows (C8) nt Iron Reduction in Plowed Soils (C6) Saturation Visible on Aerial Imagery (C9) (Explain in Remarks) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Water Table Present? Saturation Present? Yes No Dept Yes No Dept Yes No Dept (includes capillary fringe)	n (inches):
Describe Recorded Data (stream gauge, monitoring well, as Remarks:	rial photos, previous inspections), if available:



Project/Site:			City/Cou	nty:		Sampling Date:	6/26/23
Applicant/Owner:							
Investigator(s):							
Landform (hillslope, terrace, etc.):							
Subregion (LRR):							
Soil Map Unit Name:							
Are climatic / hydrologic conditions on the							***************************************
Are Vegetation, Soil, or l					"Normal Circumstances	•	No
Are Vegetation, Soil, or I					eeded, explain any ansv		140
SUMMARY OF FINDINGS - A				,	•	,	atures, etc.
Hydrophytic Vegetation Present?	Yes <u>X</u> No	0	le	the Sample	d Arag		
Hydric Soil Present?	Yes No			thin a Wetla		No	
Wetland Hydrology Present? Remarks: (o B B L E T O T B	·····					NO	•
VEGETATION							_
<u>Tree Stratum</u> (Use scientific names.) 1		% Cover	Species	nt Indicator ? Status	Number of Dominant : That Are OBL, FACW	Species	(A)
2					Total Number of Domi		
3				_ 	Species Across All Sti	rata:	(B)
4					Percent of Dominant 8	Snecies	
Sapling/Shrub Stratum	Total Cover:				That Are OBL, FACW		(A/B)
1					Prevalence Index wo	rksheet:	
2,					Total % Cover of:	Multiply	/ by:
3					OBL species		
4					FACW species		
5					FAC species		
Herb Stratum	Total Cover:			1	FACU species		
1. ELEUCHARIS					UPL species Column Totals:		
2. PRGWEED					Column Totals.	(7)	(B)
3. FROGERUIT						c = B/A =	
4					Hydrophytic Vegetati		
5					Dominance Test is		ı
6					Prevalence Index		
7					Morphological Ada data in Remark	aptations' (Provide s is or on a separate :	supporting sheet)
8	Total Cover:				Problematic Hydro	•	,
Woody Vine Stratum	Total Cover.	•					
1				- <u></u>	¹ Indicators of hydric so be present.	il and wetland hydro	ology must
	Total Cover:				Hydrophytic		
% Bare Ground in Herb Stratum	% Cover (of Biotic Cru	ıst		Vegetation Present? Ye	esNo	
Remarks:							
					•		1
							Ī

Sampling Point: 005

Profile Description: (Desc Depth <u>Ma</u>	trix	Re	dox Features	S			
inches) Color (mois			%	Type ¹	_Loc ²	Texture	Remarks
0-12 7.5 yr	9)3 100					Clay	
							· ·
							
		-			 .		
Type: C=Concentration, D=	=Depletion, RN	/=Reduced Matrix.	² Location:	: PL=Pore	Lining, RO	=Root Channe	el, M=Matrix.
ydric Soll Indicators: (A _l	pplicable to a	II LRRs, unless oth	erwise note	∍d.)		Indicators f	or Problematic Hydric Soils³:
_ Histosol (A1)		Sandy Re	dox (S5)			1 cm Mu	ıck (A9) (LRR C)
_ Histic Epipedon (A2)		Stripped I	Matrix (S6)			2 cm Mu	uck (A10) (LRR B)
_ Black Histic (A3)			ucky Mineral				d Vertic (F18)
_ Hydrogen Sulfide (A4)		-	eyed Matrix	(F2)			ent Material (TF2)
_ Stratified Layers (A5) (L			Matrix (F3)			Other (E	xplain in Remarks)
_ 1 cm Muck (A9) (LRR D		Redox Da					
Depleted Below Dark St			Dark Surface				
_ Thick Dark Surface (A12			pressions (F	-8)		3	
Sandy Mucky Mineral (S		Vernal Po	ols (F9)				f hydrophytic vegetation and
Sandy Gleyed Matrix (S estrictive Layer (If preser						wetiand r	ydrology must be present.
esulctive Layer (II preser	ııj.						
T							
Type:							
Depth (inches):		· · · · · · · · · · · · · · · · · · ·				Hydric Soil F	Present? Yes No 🔀
Depth (inches):emarks:						Hydric Soil F	resent? Yes No <u>×</u>
Depth (inches):emarks: /DROLOGY							
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicat	ors:					Second	ary Indicators (2 or more required)
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicat	ors:	ficient)				Second	ary Indicators (2 or more required) ter Marks (B1) (Riverine)
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicaterimary Indicators (any one incompared in Surface Water (A1)	ors:	ficient) Salt Crus				<u>Second</u> Wa Sec	ary Indicators (2 or more required) ter Marks (B1) (Riverine) fiment Deposits (B2) (Riverine)
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicaterimary Indicators (any one in a Surface Water (A1) _ High Water Table (A2)	ors:	ficient) Salt Crus Biotic Cru	ust (B12)			<u>Second</u> Wa Sec Drit	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine)
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicaterimary Indicators (any one in a Surface Water (A1) High Water Table (A2) Saturation (A3)	ors: ndicator Is suf	ficient) Salt Crus Biotic Cru Aquatic I	ust (B12) nvertebrates			Second Wa Sec Drit Draw	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10)
Depth (inches):emarks: 'DROLOGY fetland Hydrology Indicate rimary Indicators (any one I Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonr	ors: ndicator is suf	ficient) Salt Crus Biotic Crus Aquatic I Hydroge	ust (B12) nvertebrates n Sulfide Ode	or (C1)		Second Wa Sec Drit Dra Dry	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine)
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicat rimary Indicators (any one i _ Surface Water (A1) _ High Water Table (A2) _ Saturation (A3)	ors: ndicator is suf	ficient) Salt Crus Biotic Crus Aquatic I Hydroge	ust (B12) nvertebrates	or (C1)	iving Roots	Second Wa Sec Drit Dra Dry	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10)
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicat rimary Indicators (any one I _ Surface Water (A1) _ High Water Table (A2) _ Saturation (A3) _ Water Marks (B1) (Nonr _ Sediment Deposits (B2) _ Drift Deposits (B3) (Non	ors: indicator is suf iverine) (Nonriverine) riverine)	ficient) Salt Crus Biotic Crus Aquatic I Hydroges Oxldized	ust (B12) nvertebrates n Sulfide Ode	or (C1) es along L	-	Second Wa Sec Drit Dra Dry s (C3) Thi	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2)
Depth (inches): temarks: //DROLOGY //etland Hydrology Indicat rimary Indicators (any one I Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonr Sediment Deposits (B2) Drift Deposits (B3) (Non	ors: indicator is suf iverine) (Nonriverine) riverine)	ficient) Salt Crus Biotic Crus Aquatic I Hydroges Oxidized Presence	ust (B12) nvertebrates n Sulfide Od Rhizosphere	or (C1) es along L i Iron (C4)	•	Second Wa Sec Drit Dra Dry s (C3) Thin Cra	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7)
Depth (inches):emarks: /DROLOGY /etland Hydrology Indicat rimary Indicators (any one I _ Surface Water (A1) _ High Water Table (A2) _ Saturation (A3) _ Water Marks (B1) (Nonr _ Sediment Deposits (B2) _ Drift Deposits (B3) (Non	ors: indicator is suf iverine) (Nonriverine) riverine)	ficient) Salt Crus Biotic Crus Aquatic I Hydroges Oxidized Presences Recent Is	ust (B12) nvertebrates n Sulfide Ode Rhizosphere e of Reduced	or (C1) es along L I Iron (C4) n in Plowe	•	Second	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) dinage Patterns (B10) dinage Matter Table (C2) din Muck Surface (C7) dyfish Burrows (C8)
Depth (inches):emarks: //DROLOGY /etland Hydrology Indicatrimary Indicators (any one in the surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (None in the surface water (B2) Drift Deposits (B3) (None in the surface water (B3) (None in the s	ors: indicator is suf iverine) (Nonriverine) riverine)	ficient) Salt Crus Biotic Crus Aquatic I Hydroges Oxidized Presences Recent Is	ust (B12) nvertebrates n Sulfide Ode Rhizosphere e of Reduced on Reductio	or (C1) es along L I Iron (C4) n in Plowe	•	Second Wa Sec Drit Dra Dry s (C3) Thin Cra S) Sat She	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) uration Visible on Aerial Imagery (C
Depth (inches):emarks: */DROLOGY *[etland Hydrology Indicated rimary Indicators (any one in items of ite	ors: indicator is suf iverine) (Nonriverine) riverine)	ficient) Salt Crus Biotic Crus Aquatic I Hydroges Oxidized Presences Recent Is	ust (B12) nvertebrates n Sulfide Ode Rhizosphere e of Reduced on Reductio	or (C1) es along L I Iron (C4) n in Plowe	•	Second Wa Sec Drit Dra Dry s (C3) Thin Cra S) Sat She	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dinage Patterns (B10) -Season Water Table (C2) on Muck Surface (C7) on Mick Surface (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3)
Depth (inches):emarks: //DROLOGY //etland Hydrology Indicatrimary Indicators (any one in the surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (None in the surface Soil (None in the surface Soil Cracks (B6) Inundation Visible on Ae Water-Stained Leaves (Beld Observations:	ors: iverine) (Nonriverine) riverine) rial imagery (E	ficient) Salt Crus Biotic Crus Aquatic I Hydroges Oxidized Presences Recent Is	ust (B12) nvertebrates n Sulfide Odi Rhizosphere e of Reducec on Reductio	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Solls (C6	Second Wa Sec Drit Dra Dry s (C3) Thin Cra S) Sat She	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dinage Patterns (B10) -Season Water Table (C2) on Muck Surface (C7) on Mick Surface (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3)
Depth (inches):	ors: Indicator is suf Iverine) (Nonriverine) Iriverine) Irial Imagery (E	ficient) Salt Crus Biotic Cru Aquatic I Hydroges Oxidized Presences Recent II Other (E:	ust (B12) nvertebrates n Sulfide Odi Rhizosphere e of Reducec ron Reductio xplain in Ren	or (C1) es along L il Iron (C4) n in Plowe narks)	ed Solls (C6	Second Wa Sec Drit Dra Dry s (C3) Thin Cra S) Sat She	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dinage Patterns (B10) -Season Water Table (C2) on Muck Surface (C7) on Mick Surface (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3)
Depth (inches):	ors: iverine) (Nonriverine) riverine) rial imagery (E	ficient) Salt Crus Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent II Other (E:	ust (B12) nvertebrates n Sulfide Odi Rhizosphere e of Reducec ron Reductio xplain in Ren nches):	or (C1) es along L f Iron (C4) n in Plowe marks)	ed Soils (Ce	Second Wa Dra Dra Dry s (C3) Thi Cra S) Sat Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Depth (inches):	ors: iverine) (Nonriverine) riverine) rial imagery (E	ficient) Salt Crus Biotic Cru Aquatic I Hydroges Oxidized Presences Recent II Other (E:	ust (B12) nvertebrates n Sulfide Odi Rhizosphere e of Reducec ron Reductio xplain in Ren nches):	or (C1) es along L f Iron (C4) n in Plowe marks)	ed Soils (Ce	Second Wa Dra Dra Dry s (C3) Thi Cra S) Sat Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dinage Patterns (B10) -Season Water Table (C2) on Muck Surface (C7) on Mick Surface (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3)
Depth (inches): demarks: //DROLOGY //etland Hydrology Indicat rimary Indicators (any one I Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (None Sediment Deposits (B2) Drift Deposits (B3) (None Surface Soil Cracks (B6) Inundation Visible on Ae Water-Stained Leaves (Billed Observations: urface Water Present? //ater Table Present? aturation Present? aturation Present?	ors: iverine) (Nonriverine) riverine) rial imagery (E39) Yes Yes	ficient) Salt Crus Biotic Crus Aquatic I Hydrogei Oxidized Presence Recent II Other (E: No	ust (B12) nvertebrates n Sulfide Odi Rhizosphere e of Reducec ron Reductio xplain in Ren nches): nches):	or (C1) es along L f Iron (C4) n in Plowe marks)	ed Soils (C6	Second Wa Sec Drit Dra Dry (C3) Thi Cra Sat Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Depth (inches): Paranks: Paranks:	ors: iverine) (Nonriverine) riverine) rial imagery (E39) Yes Yes	ficient) Salt Crus Biotic Crus Aquatic I Hydrogei Oxidized Presence Recent II Other (E: No	ust (B12) nvertebrates n Sulfide Odi Rhizosphere e of Reducec ron Reductio xplain in Ren nches): nches):	or (C1) es along L f Iron (C4) n in Plowe marks)	ed Soils (C6	Second Wa Sec Drit Dra Dry (C3) Thi Cra Sat Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Depth (inches): demarks: POROLOGY Vetland Hydrology Indicate trimary Indicators (any one incomplete of the position of the	ors: indicator is suf iverine) (Nonriverine) riverine) rial imagery (E 39) Yes Yes Yes	ficient) Salt Crus Biotic Crus Aquatic I Mydrogel Oxidized Presence Recent Iu Other (E: No Depth (iu No Depth (ust (B12) nvertebrates n Sulfide Ode Rhizosphere e of Reducec ron Reductio explain in Ren nches):	or (C1) es along L f Iron (C4) n in Plowe marks)	ed Soils (C6	Second Wa Sec Drit Dra Dry (C3) Thi Cra Sat Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Depth (inches):emarks: POROLOGY Petland Hydrology Indicated interimary Indicators (any one includes Capital (A2) and the inches (A3) and th	ors: indicator is suf iverine) (Nonriverine) riverine) rial imagery (E 39) Yes Yes Yes	ficient) Salt Crus Biotic Crus Aquatic I Hydrogei Oxidized Presence Recent II Other (E: No	ust (B12) nvertebrates n Sulfide Ode Rhizosphere e of Reducec ron Reductio explain in Ren nches):	or (C1) es along L f Iron (C4) n in Plowe marks)	ed Soils (C6	Second Wa Sec Drit Dra Dry (C3) Thi Cra Sat Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) di Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)

566 - M/A 34.79296 -108.19788 FERGED, EXCAVATED, DAMMED

Project/Site:			Citv/Cou	untv:		Sam	nling Data: (126/2
Applicant/Owner:								
Investigator(s):								
Landform (hillslope, terrace, etc.):								2 (0/):
Subregion (LRR):		Lat 3	4.724	433	Long: - 148	DUUM	Slope	. (%):
Soil Map Unit Name:		The state of the s	<u>,-</u>		Long. 7 5 2 1	oloooifination:	Datum	
Soil Map Unit Name: Are climatic / hydrologic conditions on	the site typical for th	ie time of vo	ar2 Voc	No.	/If we are	ciassilication;		
Are Vegetation, Soil, or							•	
Are Vegetation, Soll, or				_	"Normal Circumsta			No
SUMMARY OF FINDINGS - A				•	needed, explain any locations, trar		•	tures, etc.
Hydrophytic Vegetation Present?	Yes N							
Hydric Soil Present?	Yes N		II.	the Sample				
Wetland Hydrology Present?	Yes N		W	ithin a Wetla	ınd? Y€	es I	No	i
					,			
VEGETATION								
<u>Tree Stratum</u> (Use scientific names.			Specie	ant Indicator s? Status	Number of Dom That Are OBL, F	inant Species		(4)
2								
3					Total Number of Species Across			(B)
4					Percent of Domi	Inant Chasies	<u> </u>	(-/
Sapling/Shrub Stratum	Total Cover	:			That Are OBL, F			(A/B)
1					Prevalence Inde	ex worksheet		"-
2					1	er of:		v:
3					OBL species			
4					FACW species			
5					FAC species			
Lloth Stratum	Total Cover:	:			FACU species			
Herb Stratum 1. GVMWEET)		40			UPL species			
2. FLEABONE					Column Totals:	(A)	(B)
3. HORDING JAPOTUM		5	·		Prevalence	Index = B/A	=	i
4. CIELD BINDWIND	****				Hydrophytic Ve			
5. GLUBEMMEON		2			Dominance		``	
6. DISTICHLIS ?		15			Prevalence l			
7. <u>0enothe</u> Ra 8		2.			Morphologic	al Adaptations emarks or on a	i (Provide sup separate sh	oporting eet)
•	Total Cover:				Problematic			*
Woody Vine Stratum								}
1		 -	<u> </u>		¹ Indicators of hyd be present.	lric soil and we	tland hydrolo	gy must
	Total Cover:				Hydrophytic	,		
% Bare Ground in Herb Stratum	% Cover	of Biotic Cn	ıst		Vegetation Present?	Υρο	No	
Remarks:					. 10361111	100	NO	

Sampling Point: _______

Profile Description: (Des Depth M	atrix		Redo	x Features	3						
(inches) Color (me	oist) %		lor (moist)	%	Type ¹	_Loc ²	Textur	<u>e</u>	Rema	arks	
0-12 7.5 yR	3/3) 00						5:14	Loam			
											
											
											
<u> </u>											
<u></u>			·								
Type: C=Concentration,						Lining, RC		hannel, M=I			
lydric Soil Indicators: (Applicable to	all LRRs,	unless othe	rwise note	ed.)		Indica	tors for Pro	blematic Hy	dric Solis	s :
Histosol (A1)			Sandy Red					em Muck (A			
Histic Epipedon (A2)		_	Stripped Ma					-	10) (LRR B)		
Black Histic (A3)		_	Loamy Muc	•	. ,		_	educed Verti	, ,		
Hydrogen Sulfide (A4)Stratified Layers (A5)		-	Loamy Gley		(m2)				aterial (TF2) in Bomarka)		
Stratilled Layers (A5) 1 cm Muck (A9) (LRR			Depleted M Redox Dark		FR)		_ 0	лег (⊏храпп	in Remarks)	1	
Depleted Below Dark	•		Depleted Da		•						
Thick Dark Surface (A			Redox Depi		• •						
Sandy Mucky Mineral	•		Vernal Pool		-,		3Indica	tors of hydro	ophytic veget	ation and	
Sandy Gleyed Matrix (-	gy must be p		
estrictive Layer (if pres	ent):										
Type:											
Depth (inches):							Hydric	Soll Presen	t? Yes	No	
Depth (inches):Remarks:							Hydric	Soll Presen	t? Yes	No	
			-				Hydric	Soll Presen	t? Yes_	No	
Remarks:									t? Yes		
Remarks:	ators:	sufficient)					Se	econdary inc	_	more requ	
emarks: YDROLOGY Vetland Hydrology Indic	ators:	sufficient)	_ Salt Crust	(B11)			Se	econdary ind	dicators (2 or	more regu	lired)
PROLOGY Setland Hydrology Indications (any one Surface Water (A1) High Water Table (A2)	ators: e indicator is s	_	Biotic Crus	t (B12)			<u>S</u>	econdary ind Water Ma Sediment	dicators (2 or orks (B1) (Riv Deposits (B: osits (B3) (Ri	more requ rerine) 2) (Riverin verine)	lired)
PROLOGY Setland Hydrology Indications (any one Surface Water (A1)	ators: e indicator is s	_		t (B12)	i (B13)		<u>S</u>	econdary ind Water Ma Sediment	dicators (2 or irks (B1) (Riv Deposits (B:	more requ rerine) 2) (Riverin verine)	lired)
PROLOGY Setland Hydrology Indications (any one Surface Water (A1) High Water Table (A2)	ators:	_	Biotic Crus	t (B12) vertebrates			<u>S</u>	econdary ind Water Ma Sediment Drift Depo	dicators (2 or orks (B1) (Riv Deposits (B: osits (B3) (Ri	more requ verine) 2) (Riverin verine) 0)	lired)
POROLOGY Vetland Hydrology Indications (any one Surface Water (A1) High Water Table (A2) Saturation (A3)	ators: indicator is s		_ Biotic Crus _ Aquatic Inv _ Hydrogen :	it (B12) vertebrates Sulfide Od	or (C1)	iving Roots	<u>S</u>	econdary ind Water Ma Sediment Drift Depo	dicators (2 or irks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1	more requ verine) 2) (Riverine) verine) 0) ole (C2)	lired)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No.	ators: e indicator is s nriverine) () (Nonriverin		_ Biotic Crus _ Aquatic Inv _ Hydrogen :	it (B12) vertebrates Sulfide Od thizosphere	or (C1) es along L	-	<u>S</u>	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas	dicators (2 or irks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1 on Water Tal	more requerence (C2)	lired)
YDROLOGY Vetland Hydrology Indicaterimary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Noe Sediment Deposits (B2) Drift Deposits (B3) (Noe Surface Soil Cracks (B	ators: e indicator is s nriverine) () (Nonriverine) nriverine) 6)		Biotic Crus Aquatic Inv Hydrogen Oxidized R Presence	ot (B12) vertebrates Sulfide Odi thizosphero of Reduced	or (C1) es along L d Iron (C4)	-	Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc	dicators (2 or orks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1 on Water Tal k Surface (C	more requerence (C2)	lired)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Noe Sediment Deposits (B2) Drift Deposits (B3) (No	ators: e indicator is s nriverine) () (Nonriverine) nriverine) 6)		Biotic Crus Aquatic Inv Hydrogen Oxidized R Presence	ot (B12) vertebrates Sulfide Od thizosphere of Reduced n Reductio	or (C1) es along L d Iron (C4) n in Plowe		Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I	dicators (2 or irks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8)	more requerence (C2)	ired)
YDROLOGY Vetland Hydrology Indicaterimary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Noe Sediment Deposits (B2) Drift Deposits (B3) (Noe Surface Soil Cracks (B	ators: e indicator is s nriverine) () (Nonriverine) nriverine) 6) erial Imagery		Biotic Crus Aquatic Inv Hydrogen Oxidized R Presence o	ot (B12) vertebrates Sulfide Od thizosphere of Reduced n Reductio	or (C1) es along L d Iron (C4) n in Plowe		Sa	econdary ing Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I	dicators (2 or Irks (B1) (Riv Deposits (B3) Desits (B3) (Riv Patterns (B1) on Water Tall k Surface (C3) Burrows (C8) n Visible on A	more reguerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	lired)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Noo Sediment Deposits (B3) Drift Deposits (B3) (Noo Surface Soil Cracks (B	ators: e indicator is s nriverine) () (Nonriverine) nriverine) 6) erial Imagery		Biotic Crus Aquatic Inv Hydrogen Oxidized R Presence o	ot (B12) vertebrates Sulfide Od thizosphere of Reduced n Reductio	or (C1) es along L d Iron (C4) n in Plowe		Sa	econdary ing Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I	dicators (2 or orks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) on Visible on A	more reguerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	ired)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notation Sediment Deposits (B2) Drift Deposits (B3) (Notation Visible on A Water-Stained Leaves Indicators:	ators: e indicator is s nriverine) () (Nonriverin nriverlne) 6) erial Imagery (B9)	(B7)	Biotic Crus Aquatic Inv Hydrogen Oxidized R Presence o	it (B12) vertebrates Sulfide Od chizosphere of Reduced n Reductio	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ing Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I	dicators (2 or orks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) on Visible on A	more reguerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	lired)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Noo Sediment Deposits (B2) Drift Deposits (B3) (Noo Surface Soil Cracks (B Inundation Visible on A	ators: e indicator is s nriverine) () (Nonriverine) 6) erial Imagery (B9)	(B7)	Biotic Crus Aquatic Inv Hydrogen Oxidized R Presence o Recent Iron Other (Exp	it (B12) vertebrates Sulfide Od thizosphere of Reduced n Reductio lain in Ren	or (C1) es along L I Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ing Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I	dicators (2 or orks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) on Visible on A	more reguerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	lired)
YDROLOGY Vetland Hydrology Indicaterimary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notes) Sediment Deposits (B2) Drift Deposits (B3) (Notes) Surface Soil Cracks (B1) Inundation Visible on A1 Water-Stained Leaves Ield Observations:	ators: e indicator is s nriverine) l) (Nonriverine) lo) erial Imagery (B9) Yes Yes	(B7)	Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Other (Exp	of (B12) vertebrates Sulfide Od chizosphere of Reduced n Reductio lain in Ren ches):	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Se S	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A	dicators (2 or irks (B1) (Riv Deposits (B: Desits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) in Visible on A Aquitard (D3) tral Test (D5)	more requirerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	e) ery (C9)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notes Sediment Deposits (B2) Drift Deposits (B3) (Notes Sediment Visible on A Water-Stained Leaves Indicated Water Present? Veter Table Present? Veter Table Present?	ators: e indicator is s nriverine) () (Nonriverine) (6) erial Imagery (B9) Yes Yes	(B7)	Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Other (Exp Depth (inc	ot (B12) vertebrates Sulfide Od chizosphero f Reduced n Reductio clain in Ren ches):	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	dicators (2 or orks (B1) (Riv Deposits (B: osits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) on Visible on A	more requirerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	ired)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notation Deposits (B3) (Notation Visible on Attended Leaves (Notation Visible on Attended Construction Present?	ators: e indicator is s nriverine) () (Nonriverine) (6) erial Imagery (B9) Yes Yes	(B7)	Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Other (Exp Depth (inc	ot (B12) vertebrates Sulfide Od chizosphero f Reduced n Reductio clain in Ren ches):	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	dicators (2 or irks (B1) (Riv Deposits (B: Desits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) in Visible on A Aquitard (D3) tral Test (D5)	more requirerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	e) ery (C9
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notes Sediment Deposits (B2) Drift Deposits (B3) (Notes Sediment Visible on A Water-Stained Leaves Indicated Water Present? Veter Table Present? Veter Table Present?	ators: e indicator is s nriverine) () (Nonriverine) (6) erial Imagery (B9) Yes Yes	(B7)	Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Other (Exp Depth (inc	ot (B12) vertebrates Sulfide Od chizosphero f Reduced n Reductio clain in Ren ches):	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	dicators (2 or irks (B1) (Riv Deposits (B: Desits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) in Visible on A Aquitard (D3) tral Test (D5)	more requirerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	e) ery (C9)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notes Sediment Deposits (B2) Drift Deposits (B3) (Notes Sediment Visible on A Water-Stained Leaves Indicated Water Present? Veter Table Present? Veter Table Present?	ators: e indicator is s nriverine) () (Nonriverine) (6) erial Imagery (B9) Yes Yes	(B7)	Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Other (Exp Depth (inc	ot (B12) vertebrates Sulfide Od chizosphero f Reduced n Reductio clain in Ren ches):	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	dicators (2 or irks (B1) (Riv Deposits (B: Desits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) in Visible on A Aquitard (D3) tral Test (D5)	more requirerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	e) ery (C9)
YDROLOGY Vetland Hydrology Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Ield Observations: urface Water Present? Vater Table Present? vaturation Present? includes capillary fringe) escribe Recorded Data (s	ators: e indicator is s nriverine) () (Nonriverine) (6) erial Imagery (B9) Yes Yes	(B7)	Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Other (Exp Depth (inc	ot (B12) vertebrates Sulfide Od chizosphero f Reduced n Reductio clain in Ren ches):	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	dicators (2 or irks (B1) (Riv Deposits (B: Desits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) in Visible on A Aquitard (D3) tral Test (D5)	more requirerine) 2) (Riverine) 0) ble (C2) 7) Aerial Imag	e) ery (C9)
Process Pro	ators: e indicator is s nriverine) () (Nonriverine) (6) erial Imagery (B9) Yes Yes	(B7)	Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Other (Exp Depth (inc	ot (B12) vertebrates Sulfide Od chizosphero f Reduced n Reductio clain in Ren ches):	or (C1) es along L d Iron (C4) n in Plowe narks)	ed Soils (C6	Sa	econdary ind Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	dicators (2 or irks (B1) (Riv Deposits (B: Desits (B3) (Ri Patterns (B1 on Water Tal k Surface (C: Burrows (C8) in Visible on A Aquitard (D3) tral Test (D5)	more requerence (C2) Merine) O) Ole (C2) Aerial Imag	e) ery (C9)

543 - DINTERA 542 - PROPERA PLOYES PLOYES

Project/Site:	City/C	ounty:		Sampling Date:	6/26/23
Applicant/Owner:			State:	Sampling Point:	204
Investigator(s):					
Landform (hillslope, terrace, etc.):					pe (%):
Subregion (LRR):					
Soil Map Unit Name:					
Are climatic / hydrologic conditions on the site typical for					
Are Vegetation, Soil, or Hydrology	·		"Normal Circumstances	•	No
Are Vegetation, Soil, or Hydrology			eded, explain any ansv		140
SUMMARY OF FINDINGS – Attach site m			•	· ·	atures, etc.
	No No No	Is the Sampled	Area	No	-
Remarks: NOT A PLAYA; SM		D 31951	N DEPARTS	TION ONL	Y
VEGETATION					
Tree Stratum (Use scientific names.) 1	<u>% Cover Spec</u>		Dominance Test wo Number of Dominant That Are OBL, FACW	Species	(A)
2			Total Number of Dom Species Across All St		(B)
	over:		Percent of Dominant That Are OBL, FACW		(A/B)
1.			Prevalence Index w	orksheet:	
2			Total % Cover of	: Multiply	/_by:
3			OBL species	x 1 =	
4			FACW species	x 2 =	
			FAC species		
Total Co	over:		FACU species		
1. BLUE GRAMA	40		UPL species		1
2. ERGERON Sp.			Column Totals:	(A)	(B)
3. ARTENESIA			Prevalence Inde	ex = B/A =	
			Hydrophytic Vegeta	tion Indicators:	
- CAISE WEBLININ			Dominance Test	is >50%	
6. MAT GRAMA			Prevalence Index	is ≤3.0¹	
7.			Morphological Ad	aptations¹ (Provide	supporting
8			data in Remar Problematic Hydr	ks or on a separate	-
	over:		Froblematic riyar	opnylic vegetation	(⊏xpiairi)
Woody Vine Stratum 1 2.			¹ Indicators of hydric so be present.	oil and wetland hydr	ology must
Total Co	over:		Hydrophytic Vegetation		
% Bare Ground in Herb Stratum % Co	over of Biotic Crust			es No	
Remarks:					

	th needed to document the indicator or co	Sampling Point:
Depth Matrix	Redox Features	onnini the absence of indicators.)
	Color (moist) % Type¹ Lo	oc ² <u>Texture</u> <u>Remarks</u>
0-12 7.5 YR 30 100		Silt Loan
,		
	2	
Type: C=Concentration, D=Depletion, RM= lydric Soil Indicators: (Applicable to all I	Reduced Matrix. *Location: PL=Pore Lin	ning, RC=Root Channel, M=Matrix. Indicators for Problematic Hydric Soils ³ :
Histosol (A1)	Sandy Redox (S5)	•
_ Histic Epipedon (A2)	Stripped Matrix (S6)	1 cm Muck (A9) (LRR C) 2 cm Muck (A10) (LRR B)
Black Histic (A3)	Loamy Mucky Mineral (F1)	Reduced Vertic (F18)
Hydrogen Sulfide (A4)	Loamy Gleyed Matrix (F2)	Red Parent Material (TF2)
Stratified Layers (A5) (LRR C)	Depleted Matrix (F3)	Other (Explain in Remarks)
1 cm Muck (A9) (LRR D)	Redox Dark Surface (F6)	(
_ Depleted Below Dark Surface (A11)	Depleted Dark Surface (F7)	
Thick Dark Surface (A12)	Redox Depressions (F8)	
_, Sandy Mucky Mineral (S1)	Vernal Pools (F9)	³ Indicators of hydrophytic vegetation and
Sandy Gleyed Matrix (S4)		wetland hydrology must be present.
estrictive Layer (If present):		
Туре:		
Depth (inches):		Hydric Soil Present? Yes No
emarks:		<u> </u>

Sediment Deposits (B2) (Nonriverine) ___ Oxidized Rhizospheres along Living Roots (C3) ___ Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) ___ Presence of Reduced Iron (C4) ___ Crayfish Burrows (C8) ✓ Surface Soil Cracks (B6) ___ Recent Iron Reduction in Plowed Soils (C6) ___ Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) ___ Other (Explain in Remarks) ___ Shallow Aquitard (D3) Water-Stained Leaves (B9) FAC-Neutral Test (D5) Fleld Observations: Surface Water Present? Yes _____ No ____ Depth (inches): _ Yes ____ No ____ Depth (inches): Water Table Present? Yes _____ No ____ Depth (inches): _ Saturation Present? Wetland Hydrology Present? Yes _ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Project/Site:		City/Co	ounty:		_ Sampling Date: _	6/27/
Applicant/Owner:				State:	_ Sampling Point: _	
nvestigator(s):		Section	n, Township, Ra	nge:		
Landform (hillslope, terrace, etc.):		Local	relief (concave,	convex, none):	Slop	oe (%):
Subregion (LRR):	Lat:	34.08	77/	Long: -108,907	84 Datur	n:
Soll Map Unit Name:					•	
Are climatic / hydrologic conditions on the site typ	lical for this time of ye	ear? Ye	s No	(If no, explain in	Remarks.)	
Are Vegetation, Soll, or Hydrology				"Normal Circumstances"		No
Are Vegetation, Soil, or Hydrology				eded, explain any answ		
SUMMARY OF FINDINGS – Attach si	•					atures, e
	No				<u> </u>	<u> </u>
	No	1	is the Sampled		NI-	
Wetland Hydrology Present? Yes _			within a wetiar	nd? Yes	No	
Remarks: FENCED FULLY, EXCEPT O SWALLOW GULLYS (1'x1')				ray passy so		4
/EGETATION	,					
Tree Stratum (Use scientific names.)	Absolute % Cover		nant Indicator ies? Status	Dominance Test wor		
1				Number of Dominant S That Are OBL, FACW,		(A)
2						(,
3				Total Number of Domi Species Across All Str		(B)
4				Dereant of Deminant 5	· · · · · · · · · · · · · · · · · · ·	
, Т	otal Cover:			Percent of Dominant S That Are OBL, FACW,		(A
Sapling/Shrub Stratum				Prevalence Index wo		
1				, and the second	Multiply	hv:
2				OBL species		-
4.				FACW species		7
				FAC species		
	otal Cover:			FACU species		
Herb Stratum	2	-		UPL species		
1. PROSTRATE PILWED				Column Totals:		
2. 5/MALL YELLOW COMPASTE					•	
3. THELETON PAGWEED					< = B/A =	
4. MERLY GOOSEROOT			······························	Hydrophytic Vegetati		
5. PROGIRATE VERYAIN		-	— 	Dominance Test is Prevalence Index		
6. <u>WHITESTEM EVERING PULLIFACESE</u> 7. FROGERUIT			<u> </u>		is ≤3.0 aptations¹ (Provide s	unnortina
8. WESTERN WHERT			— — i		s or on a separate s	
C as a constant to \$100.	otal Cover:		· · · · · · · · · · · · · · · · · · ·	Problematic Hydro	phytic Vegetation ¹ (Explain)
Woody Vine Stratum	Jiar Ouver	•		. *		
1. WHITE WILLOW DOCK.				¹ Indicators of hydric so	il and wetland hydro	ology must
2. UNK, THEL AMARIANTH				be present.		
SURAMBLED EAGS	otal-Gover: <u> </u>			Hydrophytic		
POIS・N SUCKELEYA % Bare Ground in Herb Stratum <u>80</u>	% Cover of Biotic Ci	rust		Vegetation Present? Ye	es No	
, , , , , , , , , , , , , , , , , , ,						
Remarks:			'	•		
Remarks:				96		

SOIL Sampling Point: Profile Description: (Describe to the depth needed to document the Indicator or confirm the absence of indicators.) Depth Matrix Redox Features Color (moist) Color (moist) (inches) Type¹ Loc² <u>Texture</u> Remarks 104R 4/1 54R 4/6 ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix.
²Location: PL=Pore Lining, RC=Root Channel, M=Matrix. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils³: __ Histosol (A1) ___ Sandy Redox (S5) _ 1 cm Muck (A9) (LRR C) ___ Histic Epipedon (A2) Stripped Matrix (S6) _ 2 cm Muck (A10) (LRR B) ___ Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) __ Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) ___ Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) ___ 1 cm Muck (A9) (LRR D) _ Redox Dark Surface (F6) ___ Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) __ Thick Dark Surface (A12) Redox Depressions (F8) __ Sandy Mucky Mineral (S1) Vernal Pools (F9) 3Indicators of hydrophytic vegetation and Sandy Gleyed Matrix (S4) wetland hydrology must be present. Restrictive Layer (if present): Type: Depth (inches): **Hydric Soil Present?** No Remarks:

HYDROLOGY	
Wetland Hydrology Indicators:	Secondary Indicators (2 or more required)
Primary Indicators (any one indicator is sufficient)	Water Marks (B1) (Riverine)
✓ Surface Water (A1)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Ing Roots (C3) Thin Muck Surface (C7) Crayfish Burrows (C8) Soils (C6) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Field Observations:	FAC-Neutral Test (D5)
Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Uncludes capillary fringe)	<u> </u>
Describe Recorded Data (stream gauge, monitoring well, aertal photos, previous inspect	ions), if available:
Remarks: PEACHED WATER TABLE OVER HEAVY (rony

Project/Site:	City/County:		Sampling Date:	127/
Applicant/Owner:				
Investigator(s):	Section, Township	o, Range:		
Landform (hillslope, terrace, etc.):				
Subregion (LRR):				
Soil Map Unit Name:				
Are climatic / hydrologic conditions on the site typical for				
Are Vegetation, Soil, or Hydrology	- · · · · · · · · · · · · · · · · · · ·	Are "Normal Circumstances	,	No
Are Vegetation, Soil, or Hydrology		(If needed, explain any ans	•	
SUMMARY OF FINDINGS – Attach site ma		•	•	rae at
		int locations, transec	is, important leatu	163, 60
Hydrophytic Vegetation Present? Yes X	No Is the Sam	pled Area		
Hydric Soli Present? Yes	WILLIII & W	etland? Yes	No	
Remarks: 20NG MOLDING WATER &	of Opae - FEW 110	HTERED VOLUME	RUCKES, LOBBLE,	Bouto
2 NE 2 501 -90% BARE	- 3-000 3 0 84	Cite with a continue		

EGETATION				
Tron Stratum (Han aciontific names)	Absolute Dominant Indica		orksheet:	
Tree Stratum (Use scientific names.)	<u>% Cover Species? Statu</u>	— Number of Dominani		(4)
1			V, or FAC:	(A)
2		Total Number of Dor		/D\
4		Species Across All S	uala. <u>,</u>	(D)
	over:	Percent of Dominant	Species V, or FAC:	/A /D
Sapling/Shrub Stratum		That Are OBL, FACE	v, 01 FAO	(AVD
1		Prevalence Index w		
2			f: Multiply by:	
3		•	x 1 =	
4			x2=	
5			x3= x4=	
<u>Herb Stratum</u>	-		x5=	
1. ELEOCHARIS SP.	<u> 15, 1</u>		(A)	
2. WHITE WILLOW DOCK	5,1,1			(D)
3. AMBROSIA TOMENTOSA			ex = B/A =	
4. WESTERN WHEAT		Hydrophytic Vegeta		
5. Small Yellow Comprosite		Dominance Test		
3. <u>nealy goosefast</u>		Prevalence Inde		
7. VNK GRASS 3 BERMVDAGRAST ?	<u> </u>	Morphological A	daptations¹ (Provide supp rks or on a separate shee	orting et)
3. PROSTRUTE VERVAIN		i	rophytic Vegetation ¹ (Exp	•
Total Co <u>W</u> oody Vine Stratum	ver:		p , - go. a (EA)	
1		¹ Indicators of hydric s	soil and wetland hydrolog	y must
		be present.	,	•
2 .	ver:	Hydrophytic		
2Total Co				
		Vegetation	/es No	

SOIL Sampling Point: _

Profile Description: (Describe to the depth needed to document the Indicator or of Depth Matrix Redox Features		
(inches) Color (moist) % Color (moist) % Type ¹ L	Loc² Tex	ture Remarks
0-15 10 1/2 1/2 100	CIA	y HEAVY CLAY
	•	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ² Location: PL=Pore Li	ining RC=Root	t Channel M=Matrix
lydric Soll Indicators: (Applicable to all LRRs, unless otherwise noted.)		cators for Problematic Hydric Soils ³ :
Histosol (A1) Sandy Redox (S5)		1 cm Muck (A9) (LRR C)
Histic Epipedon (A2) Stripped Matrix (S6)	_	2 cm Muck (A10) (LRR B)
Black Histic (A3) Loamy Mucky Mineral (F1)		Reduced Vertic (F18)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)		Red Parent Material (TF2)
Stratified Layers (A5) (LRR C) Depleted Matrix (F3)		Other (Explain in Remarks)
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6)	_	(
Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)		
Thick Dark Surface (A12) Redox Depressions (F8)		
Sandy Mucky Mineral (S1) Vernal Pools (F9)	3Indi	cators of hydrophytic vegetation and
Sandy Gleyed Matrix (S4)	٧	vetland hydrology must be present.
Restrictive Layer (if present):		
<u> </u>		
Type:		
	Hvdr	ic Soil Present? Yes No 🗡
Depth (inches):	Hydr	ic Soil Present? Yes No
Depth (inches):Remarks:	Hydr	ic Soil Present? Yes No
Depth (inches): Remarks: YDROLOGY	Hydr	
Depth (inches): Iemarks: /DROLOGY /etland Hydrology Indicators:	Hydr	Secondary Indicators (2 or more required)
Depth (inches): temarks: /DROLOGY /etland Hydrology Indicators: rimary Indicators (any one indicator is sufficient)	Hydr	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine)
Depth (inches):	Hydr	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
/DROLOGY /etland Hydrology Indicators: rimary Indicators (any one indicator is sufficient) // Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12)	Hydr	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Depth (inches):	Hydr	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Popth (inches):		Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (inches):		Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Pepth (inches): Popth (inches):	ng Roots (C3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Popth (inches):	ng Roots (C3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Depth (inches):	ng Roots (C3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Popth (inches): Commarks: Commarks: Commarks: Commarks: Commarks: Commarks: Commarks: Commary Indicators: Commary Indicators (any one indicator is sufficient) Commary Indicator (any one indicator is sufficient) Co	ng Roots (C3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Popth (inches):	ng Roots (C3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Popth (inches): Commarks:	ng Roots (C3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Primary Indicators (any one indicator is sufficient) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Livir Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Plowed Surface Soil Cracks (B9) Water-Stained Leaves (B9) ield Observations: surface Water Present? Yes No Depth (inches):	ng Roots (C3)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Popth (inches): Popth (inches): Popth (inch	ng Roots (C3) Soils (C6)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches): Proposite	ng Roots (C3) Soils (C6)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Primary Indicators (any one indicator is sufficient) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Livir Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Plowed Selection (Basic Crust (B12)) Water-Stained Leaves (B9) Sield Observations: Surface Water Present? Yes No Depth (inches): Surface Vater Table Present? Yes No Depth (inches): Surface Present? Yes No Depth (inches): Surface Vater Table Present? Yes No Depth (inches): Surface Vater Table Present? Yes No Depth (inches):	ng Roots (C3) Soils (C6)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Piper (inches):	ng Roots (C3) Soils (C6)	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Pepth (inches):	ng Roots (C3) Soils (C6) Wetland Hyditions), if availat	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicators (any one indicator is sufficient) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Livir Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Plowed Sulfide Observations: Water-Stained Leaves (B9) Selface Water Present? Yes No Depth (inches): Surface Vater Table Present? Yes No Depth (inches): Surface Vater Present? Yes No Depth (inches): Surface Vater Table Present? Yes No Depth (inches): Surface Vater Trable Present? Yes No Depth (inches):	ng Roots (C3) Soils (C6) Wetland Hyditions), if availat	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inches): Part	ng Roots (C3) Soils (C6) Wetland Hyditions), if availat	Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)

			Sampling Date; $U/27$
Applicant/Owner:			State: Sampling Point:
nvestigator(s):		Section, Township, R	ange:
_andform (hillslope, terrace, etc.):		Local relief (concave	, convex, none): Slope (%):
Subregion (LRR):	Lat:3	4.71072	Long: <u>- / 3分: 022.6子</u> Datum:
Soll Map Unit Name: $\underline{\mathcal{Q}}_{\mathcal{V}}$			NWI classification:
Are climatic / hydrologic conditions on the site typical for th			
Are Vegetation, Soil, or Hydrology	-		"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology			needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map			
Hydrophytic Vegetation Present? Yes N	No	In the Cample	d Avoc
Hydric Soil Present? Yes N	√oo	Is the Sample within a Wetla	
Wetland Hydrology Present? Yes 1	√oo		105
Remarks: LITTLE MAINET CORRECT FLAT SURROUNING SLINGS 71. BARE GROUND ZONE 1	o epacts to	, w	at and a second and
/EGETAȚION			Part Market Mark
Tree Stratum (Use scientific names.)		Dominant Indicator Species? Status	Dominance Test worksheet: Number of Dominant Species
			That Are OBL, FACW, or FAC: (A
2			Total Number of Dominant
3			Species Across All Strata: (B
4			Percent of Dominant Species
Total Cove	r:		That Are OBL, FACW, or FAC: (A
Sapliftg/Shrub Stratum			Prevalence Index worksheet:
1 2			
3			OBL species x1 =
4			FACW species x 2 =
5.			FAC species x 3 =
	r:		FACU species x 4 =
Herb Stratum			UPL species x 5 =
1. Alkala, searton	- 60		Column Totals: (A) (l)
2 vik. grass 2	20		Decordance Index DIA
			Prevalence Index = B/A = Hydrophytic Vegetation Indicators:
4. Prostnate VERUAIN			Dominance Test is >50%
5. May Germa			Prevalence Index is ≤3.0¹
S. W.W. GANS 2	3		Morphological Adaptations¹ (Provide supporting
7. GRINDILIA B. BLUE GRAMA	2		data in Remarks or on a separate sheet)
UNE, IN USTARD Total Cove		<u> </u>	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum			
1			¹ Indicators of hydric soil and wetland hydrology must
2			be present.
	r:		Hydrophytic
Total Cover			Vegetation
Total Cover % Bare Ground in Herb Stratum % Cover	r of Biotic Cr	ust	Present? YesNo

SOIL							Sampling Point:
	cription: (Describe to	the depth			or confirm	n the absence of li	ndicators.)
Depth (inches)	Matrix Color (moist)		Color (maist)	x Features % Type ¹	Lnc ²	Texture	Remarks
0-12	·			· · · · · · · · · · · · · · · · · · ·			
	70/10 13					3, 144 01	Loan
					-		
	·						
					- ——		
				·			
¹Type: C=C	oncentration, D=Depleti	on, RM=R∈	educed Matrix.	² Location: PL≍Po	re Lining, F		
Hydric Soll	Indicators: (Applicabl	e to all LR	Rs, unless other	rwise noted.)		Indicators for	Problematic Hydric Soils ³ :
Histosol			Sandy Red			1 cm Muck	
	pipedon (A2)		Stripped Ma			2 cm Muck	
Black H			Loamy Muc	•		Reduced V	
	en Sulfide (A4)			ed Matrix (F2)			t Material (TF2)
	d Layers (A5) (LRR C) uck (A9) (LRR D)		Depleted M	• •		Otner (Exp	lain in Remarks)
	d Below Dark Surface (/	111	Redox Dark	ark Surface (F7)			
	ark Surface (A12)	1117		ressions (F8)			
	Mucky Mineral (S1)		Vernal Pool			3Indicators of hy	drophytic vegetation and
	Gleyed Matrix (S4)			- (/		-	rology must be present.
Restrictive	Layer (if present):					T	
Туре:			_				
Depth (In-	ches):		_			Hydric Soil Pres	sent? Yes No $ extstyle imes$
Remarks:				•		1	
TOTALITO.		•					
romano.							
Tomano.							
i comunic.							
			·				
YDROLO			· ·			Secondary	r Indicators (2 or more required)
YDROLO	GY drology Indicators: cators (any one indicato	`is sufficier	nt)				r Indicators (2 or more required) Marks (B1) (Riverine)
YDROLO Wetland Hyd Primary Indic	drology Indicators:	· Is sufficier	nt)Salt Crust	(B11)		Water	
YDROLO Wetland Hyo Primary Indic Surface	drology Indicators: cators (any one indicato	is sufficier		•		Water Sedim	Marks (B1) (Riverine)
YDROLO Wetland Hyo Primary Indic Surface	drology Indicators: cators (any one indicator Water (A1) ater Table (A2)	r is sufficier	Salt Crust	•		Water Sedim Drift D	Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
YDROLO Wetland Hyd Primary India Surface High Wa Saturatio	drology Indicators: cators (any one indicator Water (A1) ater Table (A2)		Salt Crust Biotic Crus Aquatic Inv	t (B12)		Water Sedim Drift D Draina	Marks (B1) (Riverine) eent Deposits (B2) (Riverine) eeposits (B3) (Riverine)
YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3))	Salt Crust Biotic Crus Aquatic Inv	et (B12) vertebrates (B13)	Living Roo	Water Sedim Drift D Draina Dry-Se	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10)
YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverine)) verine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen	et (B12) vertebrates (B13) Sulfide Odor (C1)		Water Sedim Drift D Draina Dry-Se ots (C3) Thin M	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2)
YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverine) nt Deposits (B2) (Nonriv) verine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen 3 Oxidized R Presence of	st (B12) vertebrates (B13) Sulfide Odor (C1) thizospheres along	4)	Water Sedim Drift D Draina Dry-Se ots (C3) Thin M Crayfis	Marks (B1) (Riverine) nent Deposits (B2) (Riverine) neposits (B3) (Riverine) nge Patterns (B10) neason Water Table (C2) nuck Surface (C7)

Water-Stained Leaves (B9)

Yes _____ No ____ Depth (inches): __

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

 Yes _____ No ____ Depth (inches): _____

 Yes ____ No ____ Depth (inches): _____

Field Observations:

Surface Water Present?

(includes capillary fringe)

Water Table Present? Saturation Present?

Remarks:

FAC-Neutral Test (D5)

Wetland Hydrology Present? Yes ____

Project/Site:		City/County:		Sampling Date:
				Sampling Point:
Investigator(s):		Section, Township, Ra	ange:	
Landform (hillslope, terrace, etc.):		_ Local relief (concave,	convex, none):	Slope (%):
Subregion (LRR):	Lat:	34.20713	Long: -108.0	2140 Datum:
Soil Map Unit Name:Q b				sification:
Are climatic / hydrologic conditions o				
Are Vegetation, Soil,				es" present? Yes No
Are Vegetation, Soil,			eeded, explain any an	
			-	cts, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Remarks:	Yes No Yes No Yes No	within a Wotlan	nd? Yes_	No
697			BOLLOSAS	- Te Market
VEGETATION (.	γ_{ν}			
Tree Stratum (Use scientific name	,	Dominant Indicator Species? Status	Dominance Test w Number of Dominal That Are OBL, FAC	
3.			Total Number of Do Species Across All	
4Sapling/Shrub Stratum	Total Cover:		Percent of Dominar That Are OBL, FAC	t Species W, or FAC: (A/B)
1	·		Prevalence Index v	vorksheet:
2.	1 1 2 2			of: Multiply by:
3.	bere Soil 30			x1=
4.				x 2 =
5			1	x3=
Herb Stratum	Total Cover:			x4= x5=
1. mit space 75	mat grame 30			(A) (B)
2. grindili- 5	g/,n-de) = 5			İ
3. sacoton? 2	wester fleaboure 2		Prevalence Inc	
4. Lestern flechme 5	Succtom? 5		Hydrophytic Veget	
Jak .	Freganit Z		Dominance Tes Prevalence Inde	
1 7011	1 WHITEHER EVENING PR		l ·	daptations¹ (Provide supporting
8. ortenesse frester	EVENING PR	mass t		arks or on a separate sheet)
Clymas Clymades 2	Total Cover:	-	Problematic Hyd	drophytic Vegetation ¹ (Explain)
1			¹ Indicators of hydric be present.	soll and wetland hydrology must
	Total Cover:		Hydrophytic	
% Bare Ground in Herb Stratum	% Cover of Biotic C	rust	Vegetation Present?	Yes No
Remarks:				

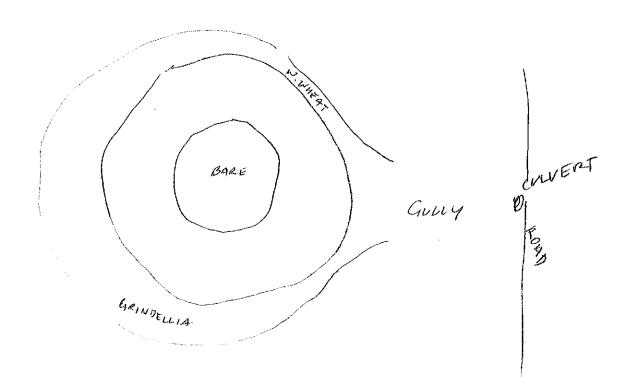
(inches)	Color (moist)	%	Color (moist) %	S Type ¹	Loc ²	Texture	Remarks
0-5	104R 3/2	100	vite**			8il Loan	
5-15	104R 3/2	100					
122 W	104R 3/3	1001	And Divid	and the same of th		51/+ Louin	ngang dag tag menggangganggangganggangganggangganggangg
4-12	10 YR 3/3	106%	ggerman de la companya de la company			Clay	
			Reduced Matrix. ² Location		Lining, F		
_	,	able to all L	RRs, unless otherwise not	ed.)		Indicators for P	roblematic Hydric Solls ³ :
Histosol	• •		Sandy Redox (S5)			1 cm Muck (
	pipedon (A2)		Stripped Matrix (S6)			2 cm Muck (
Black Hi			Loamy Mucky Minera	, ,		Reduced Ve	
	en Sulfide (A4)	رب ا	Loamy Gleyed Matrix	(FZ)			Material (TF2)
	d Layers (A5) (LRR (ick (A9) (LRR D)	•)	Depleted Matrix (F3) Redox Dark Surface ((F6)		Other (Expla	in in Remarks)
	d Below Dark Surfac	e (A11)	Depleted Dark Surface	` '			
	ark Surface (A12)	~ (,	Redox Depressions (I				
	lucky Mineral (S1)		Vernal Pools (F9)	-,		3Indicators of hyd	Irophytic vegetation and
Sandy G	Gleyed Matrix (S4)					wetland hydro	logy must be present.
Restrictive I	Layer (If present):						
Type:			_				
7,700							
	ches):					Hydric Soil Prese	ent? Yes No _
Depth (ind Remarks:	ches):					Hydric Soil Prese	ent? Yes No _
Depth (ind Remarks:	GY						
Depth (inc Remarks: HYDROLO Wetland Hyd	GY drology Indicators:					Secondary	ndicators (2 or more require
Depth (inc Remarks: IYDROLO Wetland Hyd Primary Indic	GY drology Indicators:				,	Secondary I	ndicators (2 or more require flarks (B1) (Riverine)
Depth (incomercial Remarks: IYDROLOGIC Wetland Hyderimary Indicates) Surface Versions 1 (incomercial Remarks)	GY drology Indicators: eators (any one Indic		Salt Crust (B11)		,	Secondary Water N Sedime	ndicators (2 or more require Marks (B1) (Riverine) nt Deposits (B2) (Riverine)
Depth (inc Remarks: HYDROLO Wetland Hyd Primary Indic Surface V	GY drology Indicators: eators (any one indic Water (A1) ter Table (A2)		Salt Crust (B11) Biotic Crust (B12)		,	Secondary Water N Sedime Drift De	ndicators (2 or more require flarks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine)
Depth (inc Remarks: HYDROLO Wetland Hyd Primary Indic Surface V High Wa Saturatio	GY drology Indicators: eators (any one indic Water (A1) ter Table (A2) on (A3)	ator is sufficie	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates	, ,	,	Secondary Water N Sedime Drift De Dralnag	ndicators (2 or more require Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10)
Depth (inc Remarks: IYDROLO Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M	GY drology Indicators: eators (any one indicators) ter (A1) ter Table (A2) on (A3) arks (B1) (Nonriver)	ator is sufficie	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od	lor (C1)	,	Secondary Water N Sedime Drift De Drainag Dry-Sea	ndicators (2 or more require Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) re Patterns (B10) ason Water Table (C2)
Depth (inc Remarks: IYDROLOGING Wetland Hyd Primary Indic Surface V High Wa Saturation Water Mi Sedimen	GY drology Indicators: eators (any one indice Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveriation (B2) (Nonriveriation (B2))	ator is sufficie ine) nriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher	lor (C1) res along Li	, ving Roo	Secondary I Sedime Drift De Drainag Dry-Sea Is (C3) Secondary I	ndicators (2 or more require Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) ie Patterns (B10) ason Water Table (C2) ick Surface (C7)
Depth (inc Remarks: IYDROLOG Wetland Hyc Primary Indic Surface Water Mater Mater Mater Mater Mater Mater Depth Mater	GY drology Indicators: eators (any one indic Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Noriveri osits (B3) (Nonriveri	ator is sufficie ine) nriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduce	lor (C1) res along Li d Iron (C4)	_	Secondary I Sedime Drift De Drainag Dry-Sea Is (C3) Secondary I	ndicators (2 or more require Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) n Burrows (C8)
Depth (incorporate in the corporate in t	GY drology Indicators: eators (any one indicators) ter Table (A2) on (A3) arks (B1) (Nonriver) at Deposits (B2) (Nonriver) soil Cracks (B6)	ator is sufficie ine) nriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduces Recent Iron Reduction	lor (C1) res along Lir d Iron (C4) on in Plowe	_	Secondary Water N Sedime Drift De Drainag Dry-Sea ts (C3) Thin Mu Crayfish Saturati	ndicators (2 or more require Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) re Patterns (B10) ason Water Table (C2) rick Surface (C7) n Burrows (C8) on Visible on Aerial Imagery
Depth (incorrection) Remarks: HYDROLOG Wetland Hyd Primary Indicorrection Surface V High Wa Saturation Water Mi Sedimen Drift Dep Surface S Inundation Water-St	GY drology Indicators: eators (any one indicators (any one indicators) water (A1) ter Table (A2) on (A3) arks (B1) (Nonriver) at Deposits (B2) (Nonriver) soil Cracks (B6) on Visible on Aerial Intained Leaves (B9)	ator is sufficie ine) nriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduce	lor (C1) res along Lir d Iron (C4) on in Plowe	_	Secondary Water N Sedime Drift De Drainag Dry-Sea ts (C3) Thin Mu Crayfish Saturati	ndicators (2 or more require Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) n Burrows (C8)
Depth (inc. Remarks: IYDROLO Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St Field Observ	GY drology Indicators: eators (any one indice Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriver) at Deposits (B2) (Nonriver) soil Cracks (B6) on Visible on Aerial In eatined Leaves (B9) rations:	ator is sufficie ine) nriverine) rine) magery (B7)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduces Recent Iron Reduction	lor (C1) res along Li d Iron (C4) on in Plowed marks)	d Soils (0	Secondary Water N Sedime Drift De Drainag Dry-Sea ts (C3) Thin Mu Crayfish Saturati	ndicators (2 or more require Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) the Patterns (B10) ason Water Table (C2) ack Surface (C7) in Burrows (C8) on Visible on Aerial Imagery
Depth (incorrection) Remarks: HYDROLOG Wetland Hyd Primary Indicorrection Surface V High Wa Saturation Water Mi Sedimen Drift Dep Surface S Inundation Water-St	GY drology Indicators: eators (any one indice Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveriation to Deposits (B2) (Nonriveriation soits (B3) (Nonriveriation Soil Cracks (B6) on Visible on Aerial Internation tained Leaves (B9) trations: ar Present?	ator is sufficient ine) arriverine) arriverine) arriverine) arriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduces Recent Iron Reductic Other (Explain in Res	lor (C1) res along Li d Iron (C4) on in Plower marks)	d Soils (C	Secondary Water N Sedime Drift De Drainag Dry-Sea ts (C3) Thin Mu Crayfish Saturati	ndicators (2 or more require Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) the Patterns (B10) ason Water Table (C2) ack Surface (C7) in Burrows (C8) on Visible on Aerial Imagery
Depth (inc. Remarks: IYDROLO Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St Field Observ	GY drology Indicators: eators (any one indice Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveriation to Deposits (B2) (Nonriveriation soits (B3) (Nonriveriation Soil Cracks (B6) on Visible on Aerial Internation tained Leaves (B9) trations: ar Present?	ator is sufficient ine) arriverine) arriverine) arriverine) arriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduces Recent Iron Reduction	lor (C1) res along Li d Iron (C4) on in Plower marks)	d Soils (C	Secondary Water N Sedime Drift De Drainag Dry-Sea ts (C3) Thin Mu Crayfish Saturati	ndicators (2 or more require Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) the Patterns (B10) ason Water Table (C2) tock Surface (C7) in Burrows (C8) on Visible on Aerial Imagery Aquitard (D3) sutral Test (D5)
Depth (inc Remarks: IYDROLO Wetland Hyc Primary Indic Surface Vater Mater Mater Sedimen Drift Dep Surface Surface Vater-St Field Observ Surface Water Table I Saturation Pro(includes cap	GY drology Indicators: eators (any one indice Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveriation to Deposits (B2) (Nonriveriation soits (B3) (Nonriveriation soit Cracks (B6) on Visible on Aerial Internation tained Leaves (B9) vations: ear Present? Present? esent? viesent?	ator is sufficient ine) rine) magery (B7) es Notes	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduces Recent Iron Reduction Other (Explain in Resemble) Depth (inches): Depth (inches):	lor (C1) res along Li d Iron (C4) on in Plower marks)	d Soils (C	Secondary I Water M Sedime Drift De Drainag Dry-Sea Is (C3) Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or more require Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) the Patterns (B10) ason Water Table (C2) ack Surface (C7) in Burrows (C8) on Visible on Aerial Imagery
Depth (inc Remarks: IYDROLO Wetland Hyc Primary Indic Surface Vater Mater Mater Sedimen Drift Dep Surface Surface Vater-St Field Observ Surface Water Table I Saturation Pro(includes cap	GY drology Indicators: eators (any one indice Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveriation to Deposits (B2) (Nonriveriation soits (B3) (Nonriveriation soit Cracks (B6) on Visible on Aerial Internation tained Leaves (B9) vations: ear Present? Present? esent? viesent?	ator is sufficient ine) rine) magery (B7) es Notes	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduces Recent Iron Reductio Other (Explain in Res	lor (C1) res along Li d Iron (C4) on in Plower marks)	d Soils (C	Secondary I Water M Sedime Drift De Drainag Dry-Sea Is (C3) Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or more require Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) the Patterns (B10) ason Water Table (C2) tock Surface (C7) in Burrows (C8) on Visible on Aerial Imagery Aquitard (D3) sutral Test (D5)
Depth (inc Remarks: IYDROLO Wetland Hyc Primary Indic Surface Vater Mater Mater Sedimen Drift Dep Surface Surface Vater-St Field Observ Surface Water Table I Saturation Pro(includes cap	GY drology Indicators: eators (any one indice Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveriation to Deposits (B2) (Nonriveriation soits (B3) (Nonriveriation soit Cracks (B6) on Visible on Aerial Internation tained Leaves (B9) vations: ear Present? Present? esent? viesent?	ator is sufficient ine) rine) magery (B7) es Notes	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates Hydrogen Sulfide Od Oxidized Rhizospher Presence of Reduces Recent Iron Reduction Other (Explain in Resemble) Depth (inches): Depth (inches):	lor (C1) res along Li d Iron (C4) on in Plower marks)	d Soils (C	Secondary I Water M Sedime Drift De Drainag Dry-Sea Is (C3) Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or more require Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) the Patterns (B10) ason Water Table (C2) tock Surface (C7) in Burrows (C8) on Visible on Aerial Imagery Aquitard (D3) sutral Test (D5)

Project/Site:	City	County: Sampling Date: <u>\(\sqrt{27/2} \)</u>
		State: Sampling Point:
Investigator(s):	Se	ion, Township, Range:
Landform (hillslope, terrace, etc.):	Lo	al relief (concave, convex, none): Slope (%):
		7:577- Long: -/ 68, 62253 Datum:
0		NWI classification:
Are climatic / hydrologic conditions on the site typical for		
Are Vegetation, Soil, or Hydrology		
Are Vegetation, Soil, or Hydrology		atic? (If needed, explain any answers in Remarks.) npling point locations, transects, important features, e
		inpining point locations, transects, important locatures, c
Hydrophytic Vegetation Present? Yes Hydric Soll Present? Yes		Is the Sampled Area
	No	within a Wetland? Yes No
		PLED BY CHITLE (95.100% BANC)
VOLLANIC COBBLE, GRAVEL, & BO		Charles (), and days
40-80 ZONEZ BONG CEROND		enal Mal - de com
60-80 TONE 3 11 11		CURLEW ON SITE
VEGETATION		
Tree Ctratum (Lles scientific names)		minant Indicator Dominance Test worksheet:
<u>Tree Stratum</u> (Use scientific names.)		Number of Dominant Species That An ORL FACIN on FACING
1		!
2		
4		'
	/er:	Percent of Dominant Species
Sapling/Shrub Stratum		That Are OBL, FACW, or FAC: (A/
1,		•
2		Total % Cover of: Multiply by:
3		I
4		l l
5		
Total Cov Herb Stratum	/ег:	FACU species x 4 =
1. SUNFLOWER SPP. (2)	25	UPL species x 5 =
2. CHENOPODIUM SP.	25	(A) (B
3. RUMER TRIANGULIUALVI	<u> </u>	Prevalence Index = B/A =
4. FROGERUST		Hydrophytic Vegetation Indicators:
5. PROSTRATE VERUAIN		Dominance Test is >50%
6. UNIX. YELLOU FLOWER GONIA		Prevalence Index is ≤3.0 ¹
7. UNK, MILK VETCH		Morphological Adaptations¹ (Provide supporting
8. GRINDELLIA WESTERN WHESTGRASS		data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain)
Total Cov	/er:	Problematic Hydrophytic vegetation (Explain)
Woody-Vine-Bratum 1. FLEBBAGE	س	¹ Indicators of hydric soil and wetland hydrology must
2. ALKALAI SCANTON?	<u> </u>	be present.
THREE ANN SE. Total Con	vor: 1	Hydrophytic
ELYMUS ELYMBIOFS	1	Vegetation
% Bare Ground in Herb Stratum % Cov	er of Biotic Crust	Present? Yes No
Remarks:		

2

SOIL Sampling Point: ____

Profile Desc	cription: (Describe	to the depti				or confirm	the absence of	Indicators.)
Depth	Matrix	 -		ox Feature:		Loc²	Tasahana	Domonito
(inches)	Color (moist)		Color (moist)					Remarks
0-15	107R 4/2	100					May -	
<u></u>		. _	,					
	1.21.05.1021							
		. — -						
		· —— -						
	•							
¹Type: C=C	oncentration, D=Dep	letion RM=F	Reduced Matrix	2l ocation	• PI =Pore		C=Root Channel	M=Matrix
	Indicators: (Applic					s Linny, IV		Problematic Hydric Soils ³ :
Histosol			Sandy Red					k (A9) (LRR C)
	oipedon (A2)		Stripped M					k (A10) (LRR B)
	stic (A3)			cky Mineral	l (F1)	No.		Vertic (F18)
Hydroge	n Sulfide (A4)		Loamy Gle	yed Matrix	(F2)	11	Red Parer	nt Material (TF2)
Stratified	l Layers (A5) (LRR (2)	Depleted N	/latrix (F3)			Other (Exp	olain in Remarks)
	ick (A9) (LRR D)		Redox Dar					**
	Below Dark Surface	e (A11)		Dark Surfac				
	ark Surface (A12)	•		oressions (F	-8)	FF.	31	
	fucky Mineral (S1) Bleyed Matrix (S4)		Vernal Poo	DIS (F9)				nydrophytic vegetation and drology must be present.
	_ayer (if present):						Welland Hyd	protogy must be present.
ľ	ayor (ii present).							1,8"
							Hydric Soil Pre	esent? Yes No 🔀
	ches):						riyuric Son Fre	sent resNo
Remarks:								
	-							
	· · · · · · · · · · · · · · · · · · ·							
HYDROLO	GY							
Wetland Hyd	drology Indicators:				**************************************	•	<u>Secondar</u>	y Indicators (2 or more required)
Primary India	ators (any one indica	ator is suffici	ent)				Wate	r Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)			Sedir	nent Deposits (B2) (Riverine)
High Wa	ter Table (A2)		Biotic Cru	st (B12)			Drift I	Deposits (B3) (Riverine)
Saturatio	on (A3)		Aquatic Ir	vertebrates	s (B13)		Drain	age Patterns (B10)
Water M	arks (B1) (Nonriveri	ne)	Hydrogen				Dry-S	Season Water Table (C2)
Sedimen	t Deposits (B2) (Nor	riverine)	Oxidized	Rhizospher	es along l	iving Root	s (C3) Thin i	Muck Surface (C7)
Drift Dep	osits (B3) (Nonriver	ine)	Presence	of Reduce	d Iron (C4))	Crayf	fish Burrows (C8)
<u></u> ✓ Surface	Soil Cracks (B6)		Recent In	on Reductio	n in Plow	ed Soils (C	6) Satur	ration Visible on Aerial Imagery (C9)
Inundatio	on Visible on Aerial Ir	magery (B7)	Other (Ex	plain in Rei	marks)		Shall	ow Aquitard (D3)
Water-St	tained Leaves (B9)						FAC-	Neutral Test (D5)
Field Observ	/ations:							€:
Surface Water	er Present? Ye	esN	o <u> </u>	nches):		_	Ų.	
Water Table	Present? Ye	es No	Depth (ir	iches):				
Saturation Pr			Depth (ir			I	nd Hydrology Pr	resent? Yes 🚣 No
(includes cap	illary fringe)					•		
		gauge mon	itoring well, aerial	photos, pre	evious inși	ections), if	ravailable:	
Describe Red	orded Data (stream	gaaga, mon						
Describe Rec	corded Data (stream	gaago, mon				<u>} </u>		
Describe Red	corded Data (stream	9 4495,			- X	<u>.</u>		
Remarks:			LY PDDI	V4 R.	NOKE			
Remarks:	D (ULVERT		cy pool	Vy R	NORF	<u>.</u>		
Remarks:			cy ABBIC	V4 120	NOKE			



353 PINE LAKE

State: Sampling Point: Investigator(s): Section, Township, Range: Landform (histalape, terrate, etc.): Local relief (concewe, convex, none): Stope (%): Stokespion (LRR): Latt 34 / 3*05% Long: -fulf War 500 Datum: NWI classifications: NWI classification: NWI	Section, Township, F Local relief (concave 34./35053 year? Yes No tly disturbed? Are problematic? (Iff ing sampling point Is the Sample within a Wetle 2 5 2 0 1 2 6 CATTERED COBBI SIN NOT FLOODING The Species? Status	Range:	Slope (%):
Local relef (conceve, convex, none): Stope (%): Libreglon (LRR): Lat 34.7 32.937 Long: 708.438.0 Datum: Subreglon (LRR): NWI classification: NWI classifi	Local relief (concave 34. / 35053 year? Yes No tly disturbed? Are problematic? (If Is the Sample within a Wetle 2 5 2012 F CATTERED COBBI TIM NOT ELODONY THE Dominant Indicator er Species? Status	Long:	Slope (%): Datum: atum: Da
Lat 39.7.3 ** 55 Long: 10.8 40850 Datum:	year? Yes No tly disturbed? Are problematic? (If in g sampling point Is the Sample within a Wetle	NWI classificat (If no, explain in Ren e "Normal Circumstances" pre needed, explain any answers locations, transects, i ed Area and? Yes Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	Datum: Da
Soli Map Unit Name: NWI describedon: NWI describedon: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (if no, explain in Remarks.) Are Vegetation Soli or Hydrology significantly disturbed?	year? Yes No tly disturbed? Are problematic? (If in g sampling point Is the Sample within a Wetle within a Wetle 2 5 2 5 1 2 7 6 CATTERED COBBLE IN NOT ELECTIVE Dominant Indicator er Species? Status	NWI classificat (If no, explain in Ren e "Normal Circumstances" pre needed, explain any answers locations, transects, i ed Area and? Yes Dominance Test worksh Number of Dominant Spec That Are OBL, FACW, or	ion:narks.) sent? Yes No in Remarks.) important features, etc No SECTION OF THE S
Soli Map Unit Name: NWI describedon: NWI describedon: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (if no, explain in Remarks.) Are Vegetation Soli or Hydrology significantly disturbed?	year? Yes No tly disturbed? Are problematic? (If in g sampling point Is the Sample within a Wetle within a Wetle 2 5 2 5 1 2 7 6 CATTERED COBBLE IN NOT ELECTIVE Dominant Indicator er Species? Status	NWI classificat (If no, explain in Ren e "Normal Circumstances" pre needed, explain any answers locations, transects, i ed Area and? Yes Dominance Test worksh Number of Dominant Spec That Are OBL, FACW, or	ion:narks.) sent? Yes No in Remarks.) important features, etc No SECTION OF THE S
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (if no, explain in Remarks.) Are Vegetation Soll or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No Are Vegetation Soll or Hydrology Inaturally problematic? (if needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrology Present? Yes No Without Hydrology Present? Yes No No Within a Wetland? Yes No No Within a Wetland? Yes No No Within a Wetland? Yes No	year? Yes No tly disturbed? Are problematic? (If or gampling point Is the Sample within a Wetle 2 SPOIL FOR THE RED CORRES SIN NOT FLOODING THE Dominant Indicator er Species? Status	(If no, explain in Rene "Normal Circumstances" preneeded, explain any answers locations, transects, is ed Area and? Yes Dominance Test worksh Number of Dominant Spet That Are OBL, FACW, or	narks.) sent? Yes No in Remarks.) important features, etc No SITE SIDES (A
Are Vegetation	tly disturbed? Are problematic? (If ing sampling point is the Sample within a Wetler is a second of the sample within a Wetler is a second of the sample within a Wetler is a second of the sample is a second of the sample is a second of the sample within a Wetler is a second of the sample within a Wetler is a second of the sample within a Wetler is a second of the sample is a seco	e "Normal Circumstances" pre needed, explain any answers locations, transects, i ed Area and? Yes ON ONE OF Dominance Test worksh Number of Dominant Spec That Are OBL, FACW, or	in Remarks.) important features, etc. No SITE SIDES (A
Are Vegetation Soll 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. Hydriophytic Vegetation Present? Yes No West No Within a Wetland? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology must be present. Yes No Wetland Hydrology must be present? Yes No Wetland Hydrology must be present? Yes No Wetland Hydrology wust be present.	Is the Sample within a Wetle 2 S POIL PERSONNEL PROPERTY CONTRACTOR CONTRACTOR Species? Status	Dominance Test worksh Number of Dominant Spe That Are OBL, FACW, or	in Remarks.) important features, etc. No SITE SIDES (A) Reet: cles
SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No	Is the Sample within a Wetle within a Wetle 2 SPOIL FOR THE RED CORREST NOT FLOODING THE Species? Status	Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	mportant features, etc. No SITE SINES (A
Hydrophytic Vegetation Present? Yes	Is the Sample within a Wetle 2 SPOIL FOR CATTERED CORRECTION NOT FLOODING TO DOMING THE Species? Status	Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	_ No SITE SIDES (PITEE: Cles
Hydric Soll Present? Yes	within a Wetle 2 SPOIL F	Dominance Test worksh Number of Dominant Spec That Are OBL, FACW, or	eet:
Hydro Scal Present? Yes	within a Wetler 2 5 POIL P CATTERED COBBI SIN NOT FLOODING THE DOMINANT Indicator Expecies? Status	Dominance Test worksh Number of Dominant Spec That Are OBL, FACW, or	eet:
Remarks:	2 5 POIL P CATTERED COBBL SIN NOT FLOODING The Dominant Indicator or Species? Status	Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	eet:
Prevalence Index worksheet:	CATTERED COBBLE SIN NOT FLOODING THE DOMINANT INDICATOR Species? Status	Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	eet:
Absolute Dominant Indicator Species Status Number of Dominant Species That Are OBL, FACW, or FAC: (A)	le Dominant Indicator	Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	reet:
Absolute Dominant Indicator Species Status Number of Dominant Species That Are OBL, FACW, or FAC: (A)	le Dominant Indicator	Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	reet:
Absolute Species Species Species Status Species Status Species Speci	Dominant Indicator er Species? Status	Dominance Test worksh Number of Dominant Spe- That Are OBL, FACW, or	reet:
Number of Dominant Species That Are OBL, FACW, or FAC: (A)	er Species? Status	Number of Dominant Spe- That Are OBL, FACW, or	cies
Total Are OBL, FACW, or FAC:		That Are OBL, FACW, or	
2.			FAC: (A)
Species Across All Strates Species Across Across All Strates Species Across All Strates Species Across		Total Number of Dominan	
Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)		1 Old Hallinger of Destination	
Total Cover. Fercent Species Total K Cover of: (A/B)		. Species Across All Strata:	(B)
Prevalence Index worksheet: Total % Cover of: Multiply by:			
Total % Cover of: Multiply by:		That Are OBL, FACW, or	FAC: (A/B)
Total % Cover of: Multiply by:		Prevalence Index works	heet:
OBL species			Multiply by:
FAC species			
Herb Stratum		. FACW species	x 2 =
Herb Stratum		•	
1. UNK. 6 E 9 5 8 2. WILLIAM DOLM 3. UNK. KNOTWEED 4. ELYMON SP. 4. ELYMON SP. 5. WESTERN WHENT 6. POLSON SUCKLER 7. ELEUCHARIS SP. 8. UNK. SPURGE 7. Problematic Hydrophytic Vegetation 1 (Explain) Weody-Aire KNOTWEED 7. Total Cover: 1. PURSLANE SPEEDWELL 1. Total Cover: 2. Total Cover Hydrophytic Vegetation We Ground in Herb Stratum 1. PURSLANE SPEEDWELL 1. Total Cover: 2. Hydrophytic Vegetation We Ground in Herb Stratum We Cover of Biotic Crust We getation Yes No	_		
2. WILLIUM BOLM. 3. WW. WATWEED 4. EXYMUS SP. 5. WESTERN WHERT 6. POISON SUCKLER 7. ELEUCHARIS SP. 9. Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) PROSTRATE KNOTWEED 1. TOTAL Cover: Weody-Aliae Stratum- 1. PURSUANE SPEEDWELL 7. Total Cover: Were Ground in Herb Stratum 7. Total Cover: We Bare Ground in Herb Stratum 7. Total Cover of Biotic Crust 8. While Stratum 1. PURSUANE SPEEDWELL 1. Total Cover: 1. Total Cover: 1. Werophytic Vegetation 1. We resent? 1. Yes No.		•	
Prevalence Index = B/A =		· Column Totals:	(A) (B)
Hydrophytic Vegetation Indicators: Dominance Test is >50%	<u> </u>	Prevalence Index =	B/A =
Dominance Test is >50% Prevalence Index is ≤3.0¹		Hydrophytic Vegetation	Indicators:
Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain)		Dominance Test is >5	50%
7. ELECCHARIS SP. / Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 8. UNK. SPURGE / Problematic Hydrophytic Vegetation¹ (Explain) Weody-Vine-Stratum- 1. PURSLANE SPEEDWELL / Indicators of hydric soll and wetland hydrology must be present. Your Stratum / Indicators of hydric soll and wetland hydrology must be present. Hydrophytic Vegetation Yegetation Present? Yes No		Prevalence Index is ≤	3.0 ¹
8. UNR. 3730236 PROSTRATE KNOTWEED Total Cover: / Weedy-Mine-Stratum- 1. PURSUANE SPEEDWELL / Indicators of hydric soil and wetland hydrology must be present. Total Cover: Hydrophytic Vegetation We Bare Ground in Herb Stratum % Cover of Biotic Crust Present? Yes No			
Moody-Vine-Stratum- 1. PURSLANE SPEEDWELL Indicators of hydric soll and wetland hydrology must be present. Total Cover: Hydrophytic Vegetation We Bare Ground in Herb Stratum			
1. PURSUME SPEEDWELL. Total Cover: Bare Ground in Herb Stratum Yes No Indicators of hydric soll and wetland hydrology must be present. Hydrophytic Vegetation Present? Yes No	_	Problematic Hydrophy	/tic vegetation: (Explain)
2		Indicators of hydric soil or	ad wetland hydrology must
Total Cover: Hydrophytic We Bare Ground in Herb Stratum			na wettania nyarology must
% Bare Ground in Herb Stratum		Hydronhytia	
% Bare Ground in Herb Stratum % Cover of Biotic Crust ? Present? Yes No			
Remarks:	Crust		No
		<i>,</i>	,
			Total % Cover of: OBL species FACW species FAC species FACU species UPL species UPL species Column Totals: Prevalence Index = Hydrophytic Vegetation Dominance Test is >5 Prevalence Index is ≤ Morphological Adapta data in Remarks o Problematic Hydrophy Indicators of hydric soll at be present. Hydrophytic Vegetation

SOIL								Sampling Point:
Profile Des	cription: (Describe t	to the depth	needed to docur	nent the	indicator o	r confirm	the absenc	ce of Indicators.)
Depth	Matrix			x Feature	s ·			•
(inches)	Color (moist)		Color (moist)		Type ¹	Loc ²		Remarks
0-12	2.54 2.5/1	100	107n The	2			yay	
							-	
1				2				
	oncentration, D=Dept Indicators: (Applica					Lining, R		nnel, M≓Matrix. rs for Problematic Hydric Solis³:
Histosol		mie io ali Fl	-		eu. _/			<u>▼</u>
_	pipedon (A2)		Sandy Redo Stripped Ma					Muck (A9) (LRR C) Muck (A10) (LRR B)
	istic (A3)		Loamy Mucl		L(F1)			uced Vertic (F18)
	en Sulfide (A4)		Loamy Gley	-				Parent Material (TF2)
	d Layers (A5) (LRR C)	Depleted Ma	atrix (F3)				r (Explain in Remarks)
	ıck (A9) (LRR D)		Redox Dark	Surface ((F6)			
	d Below Dark Surface	(A11)	Depleted Da	ırk Surfac	e (F7)			
	ark Surface (A12)		Redox Depr		F8)		•	
	flucky Mineral (S1)		Vernal Pools	s (F9)				s of hydrophytic vegetation and
	Bleyed Matrix (S4) Layer (if present):						wetian	nd hydrology must be present.
_								
• • •								
	ches):		-				Hyaric So	il Present? Yes No
Remarks:								
			-					
IYDROLO								
	drology indicators:							ondary Indicators (2 or more required)
	ators (any one indica		ent)					Water Marks (B1) (Riverine)
Surface '	Water (A1) € ^{y∠k} √/	ATED)	Salt Crust (B11)			_	Sediment Deposits (B2) (Riverine)
⊻_ High Wa	ter Table (A2)		Biotic Crust	t (B12)				Drift Deposits (B3) (Riverine)
Saturatio			Aquatic Inv	ertebrate	s (B13)		_	Drainage Patterns (B10)
Water M	arks (B1) (Nonriveri r	1 e)	Hydrogen 8	Sulfide Oc	lor (C1)		_	Dry-Season Water Table (C2)
Sedimen	nt Deposits (B2) (Non	riverine)	Oxidized R	hizosphei	es along Li	ving Rool	ts (C3)	Thin Muck Surface (C7)
	osits (B3) (Nonriveri	ne)	Presence o					Crayfish Burrows (C8)
_ [™] Surface :	Soil Cracks (B6)		Recent Iron	Reduction	on in Plowe	d Soils (C	(6)	Saturation Visible on Aerial Imagery (C9)
Inundatio	on Visible on Aerial In	nagery (B7)	Other (Exp	lain in Re	marks)			Shallow Aquitard (D3)
Water-St	tained Leaves (B9)						_	FAC-Neutral Test (D5)
Field Observ		_						
Surface Wate			Depth (inc					
Water Table I	Present? Ye	s <u> </u>	Depth (inc	hes):		_		*
Saturation Pr			Depth (inc				nd Hydrolog	gy Present? Yes 🔀 No
(includes cap	illary fringe)							
Describe Red	corded Data (stream ç	jauge, monit	oring well, aerial p	notos, pre	evious inspe	ections), it	ī available:	
Remarks:								

PERCHEDED WATER TABLE

Applicant/Owner: State: Investigator(s): Section, Township, Range: Landform (hillistope, terrace, etc.): Local relief (concave, convex, none; Subregion (LRR): Local relief (concave, convex, none; None; Lat: 39.13414 Long: 14.	Sampling Date: <u>6/19/</u> /2
Landform (hillslope, terrace, etc.): Subregion (LRR): Lat: 3/118414 Long: 1/2 Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circu Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain SUMMARY OF FINDINGS – Attach site map showing sampling point locations, to Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Hydrology Present? Yes No Wetland Hydrology Present of Column Tol That Are Ottor Sandling/Shrub Stratum Total Cover: Free Stratum Total Cover: Free Stratum Total Cover: Free Stratum Total Cover: Hydrology Prevalence Total % Ordinary Prevalence To	
Subregion (LRR): Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this time of year? Yes	
Soil Map Unit Name:	: Slope (%):
Soil Map Unit Name:	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes	
Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circu Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain SUMMARY OF FINDINGS - Attach site map showing sampling point locations, the Hydrophytic Vegetation Present?	
Are Vegetation, Soll or Hydrology naturally problematic? (If needed, explain SUMMARY OF FINDINGS - Attach site map showing sampling point locations, to the Hydrophytic Vegetation Present?	nstances" present? Yes No
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, the hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Wetland Hydrology Present? Yes No Within a Wetland? We	
Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Wolland Hydrology	
Hydric Soil Present? Wetland Hydrology Present? Wetland Hydrology Present? Remarks:	<u> </u>
Wetland Hydrology Present? Yes No	Von No
Remarks: Excounted Search & E. W. SIDE 2016 3 60%. ZONE 3 60% BARE 2017 ABRE 2017 ABR	Yes No
Absolute Dominant Indicator Species? Status Status Status Species?	34/2E
Tree Stratum (Use scientific names.) 1.	
Total Cover: Sapling/Shrub Stratum Total Cover: Sapling/Shrub Stratum Total Cover: Percent of E That Are OE That Are OE Prevalence Total % OBL species FACW species FACW species FACW species FACU species FACU species Total Cover: Herb Stratum 1. Else of Hards sep Z 30 Column Total Prevale A. Phas Tragge separate FACU species Column Total Prevale Hydrophyti Domina Prevale Morpho data Total Cover: Moody Vine Stratum 1. Indicators of be present.	Test worksheet:
2	ominant Species L, FACW, or FAC: (A)
Species Acr 4.	
Total Cover:	er of Dominant oss All Strata: (B)
Total Cover: That Are OB Prevalence Total % OBL species FACW species FACU species Total Cover: Herb Stratum 1. Electrical Are Sept. FACU species Column Total Prevalence FACU species Column Total Prevalence FACW species FACU species Column Total Prevalence FACW species Column Total Prevalence Total Cover: FACW species Column Total Prevalence FACU species Column Total Prevalence FACU species Column Total Prevalence Prevalence Total Cover: Woody Vine Stratum Indicators of the present	aminant Species
Prevalence	L, FACW, or FAC: (A/
2	Indov workshoot
3. OBL species FACW species FAC species FAC species FACU species 1. Electrical Sep 2, 30 Column Total 2. w. wifex Garage 1, 3, 40 Garage 2, 41 Freval 4. Phis trant severes FACU species Column Total 4. Phis trant severes FACU species Column Total 4. Phis trant severes FACU species Column Total Freval Hydrophyti Domina Frevale FACU species FACU spe	Cover of: Multiply by:
FACW species FAC species FACU species FACU species 1. ELECCHARIS SP 2. 30 Column Total Preval A. PRINTRATE SPURGE FACU species Column Total Preval FACU species Column Total FACU species Column Total FACU species Column Total Preval FACU species Column Total FACU species FACU s	x1=
FAC species FACU species 1. ELECCHARIS SP 2, 30 Column Total Preval Preval Preval Preval Prevale FACU species Column Total Preval Preval Hydrophyti Domina Prevale Prevale Total Cover: Woody Vine Stratum Indicators of the present of	es x 2 =
Total Cover: Herb Stratum 1. ELECCHARS SP Z, 30 Column Total 2. W. WHEAT 3. WHITE WILLOW DOCK 4. PRISTRATE SPURGE 5. WESTERN FAGINED 6. Domina 6. Prevale Morpho data Problem Total Cover: Woody Vine Stratum 1. Indicators of the present	x 3 =
1. ELECCHARIS SP Z, 30 Column Total 2. W, WHEAT 3. WHITE WILLOW DOCK 4. PRISTRATE SPURGE & I Hydrophyti 5. WESSERN RAGINED j	es x 4 =
2.	x 5 =
Preval P	ils: (A) (E
Hydrophyti	ence Index = B/A =
5. WESTERN FAGNED j Domina 6. Prevale 7. Morpho data Problem Woody Vine Stratum Indicators of the present the	: Vegetation Indicators:
6 Prevale 7 Morpho 8 Total Cover: Problem Woody Vine Stratum 1 1Indicators of the present the p	nce Test is >50%
7 Morpho 8 Total Cover: Morpho Woody Vine Stratum 1 1Indicators of the present the pr	nce Index is ≤3.0 ¹
8 data Problem Woody Vine Stratum 1 1Indicators of the present the	ogical Adaptations ¹ (Provide supporting
Woody Vine Stratum 1 1Indicators of the present	in Remarks or on a separate sheet)
1 ¹ Indicators of the present	atic Hydrophytic Vegetation ¹ (Explain)
he present	Chardina and and another the day
Z	f hydric soil and wetland hydrology must
Total Cover: Hydrophytic	
% Bare Ground in Herb Stratum % Cover of Biotic Crust Present?	Yes No
Remarks:	

	iption: (Describe	to the dept	h needed to document the Indicator or cor	ıfirm the absence of Inc	licators.)
Depth (inches)	Matrix Color (moist)	 -	Redox Features Color (molst) % Type¹ Loc	2 Toyture	Remarks
	2.57 2.6/1	,	Color (11101sty 70 Type Loc		
0-12	2.0/ 2.0/1	- <u>/ 615</u> -			·
					
 .					

——— - ſype: C=Cor	ncentration, D=Dep	letion, RM=I	Reduced Matrix. ² Location: PL=Pore Linin	ng, RC=Root Channel, M	=Matrix.
ydric Soll In	idicators: (Applic	able to all L	.RRs, unless otherwise noted.)		roblematic Hydric Soils³:
_ Histosol (A	•		Sandy Redox (S5)	1 cm Muck (, , ,
	pedon (A2)		Stripped Matrix (S6)	2 cm Muck (
Black Hist			Loamy Mucky Mineral (F1)	Reduced Ve	` '
	Sulfide (A4)	^ \	Loamy Gleyed Matrix (F2)	Red Parent I	, ,
	Layers (A5) (LRR 0	•)	Depleted Matrix (F3) Redox Dark Surface (F6)	Other (Expla	ın ın Remarks)
	k (A9) (LRR D) Below Dark Surface	e (Δ11\	Depleted Dark Surface (F7)		
	k Surface (A12)	2 (111)	Redox Depressions (F8)		
	icky Mineral (S1)		Vernal Pools (F9)	3Indicators of hyd	Irophytic vegetation and
	•				
	eyed Matrix (S4)			wetiand nydro	logy must be present.
Sandy Gle	eyed Matrix (S4) ayer (if present):			wettand nydro	logy must be present.
Sandy Gle estrictive La	ayer (if present):			wettand nydro	logy must be present.
Sandy Gle lestrictive La Type:	ayer (if present):				
Sandy Gle Restrictive La	ayer (if present):			Hydric Soll Prese	
Sandy Gle estrictive La Type: Depth (inch emarks:	ayer (if present):				
Sandy Gle lestrictive La Type: Depth (inch emarks:	ayer (if present): nes):			Hydric Soll Press	ent? Yes No 🔽
Sandy Gle estrictive La Type: Depth (inch emarks: 'DROLOG etland Hydr	ayer (if present): nes): Y cology Indicators:	•		Hydric Soll Prese	ont? Yes No \(\frac{\sqrt{\sq}}}}}}}}}} \scrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}} \signtarightinnter\sqnt{\sqrt{\sq}}}}}}}}}} \sqrt{\sqrt{\sqrt{\sin}}}}}}}} \signtiquentine{\sqnt{\sq}}}}}}} \end{\sqititinn}}}}}} \end{\sqitintitetion}}}}} \sqititithat{\sint{\sint{\sint{\
Sandy Gle lestrictive La Type: Depth (inch emarks: /DROLOG /etland Hydre rimary Indicat	ayer (if present): nes): Y ology Indicators: tors (any one indicators	ator is suffici		Hydric Soll Prese	ndicators (2 or more required) Marks (B1) (Riverine)
Sandy Gleestrictive La Type: Depth (inchemarks: **DROLOG** **Jetland Hydromary Indicat** **Surface W	eyer (if present): nes): rology Indicators: tors (any one Indicators) vater (A1) $\Theta \in X_{CA}$	ator is suffici	Salt Crust (B11)	Hydric Soll Press	ndicators (2 or more required) Marks (B1) (Riverine) nt Deposits (B2) (Riverine)
Sandy Gle lestrictive La Type: Depth (inch emarks: 'DROLOG letland Hydr rimary Indical Surface W High Wate	iY rology Indicators: tors (any one indicators (A1) (P CX CA) or Table (A2)	ator is suffici	Salt Crust (B11) Biotic Crust (B12)	Hydric Soll Press	ndicators (2 or more required) Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine)
Sandy Gle lestrictive La Type: Depth (inch emarks: /DROLOG /etland Hydre rimary Indicat // Surface W // High Wate // Saturation	ayer (if present): nes): rology Indicators: tors (any one indicators (A1) & Excay ar Table (A2)	ator is suffici vaylen E	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13)	Secondary I Water N Sedime Drift De Drainag	ndicators (2 or more required) Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10)
Sandy Gle estrictive La Type: Depth (inch emarks: /DROLOG /etland Hydre rimary Indical // Surface W // High Wate // Saturation _ Water Mar	ayer (if present): nes): rology Indicators: tors (any one Indicators (A1) (A2) ar Table (A2) ar Table (A3) arks (B1) (Nonriverland)	ator is suffici	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	Secondary I Water N Sedime Drift De Drainag Dry-Sea	ndicators (2 or more required) farks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2)
Sandy Gle estrictive La Type: Depth (inch emarks: /DROLOG /etland Hydr rimary Indical // Surface W // High Wate // Saturation Water Mar Sediment I	rology Indicators: tors (any one indicators (A1) (A2) er Table (A2) rks (B1) (Nonriverlindeposits (B2) (Nonriverlindeposit	ator is suffici	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living	Secondary I Sedime Drift De Drainag Dry-Sea	ndicators (2 or more required) farks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7)
Sandy Gle estrictive La Type: Depth (inch emarks: DROLOG retland Hydr rimary Indical Surface W High Wate Saturation Water Mar Sediment I Drift Depos	rology Indicators: tors (any one indicators (A1) (P € X C A A A A A A A A A A A A A A A A A A	ator is suffici	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4)	Secondary I Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish	ndicators (2 or more required) Marks (B1) (Riverine) nt Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8)
Sandy Gle estrictive La Type: Depth (inch emarks: DROLOG Vetland Hydrodimary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So	rology Indicators: tors (any one indicators (A1) (A2) or Table (A2) or Table (A2) or Table (A2) or Table (A3) orks (B1) (Nonriverlands (B2) (Nonriverlands (B3) (Nonriverlands (B3) (Nonriverlands (B3) (Nonriverlands (B6))	ator is suffici va Y 1 to 2 va Y 1 to 2	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4) Recent Iron Reduction in Plowed Soi	Secondary I Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish Is (C6) Saturati	ndicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8) on Visible on Aerial Imagery (
Sandy Gle lestrictive La Type: Depth (inch emarks: //DROLOG /etland Hydromary Indicat // Saturation Water Mar Sediment I Drift Depos Inundation	rology Indicators: tors (any one indicators: Table (A2) rks (B1) (Nonriverliable (B2) (Nonriverliable (B3) (Nonri	ator is suffici va Y 1 to 2 va Y 1 to 2	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4) Recent Iron Reduction in Plowed Soi	Secondary I Water N Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish Is (C6) Saturati	ndicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8) on Visible on Aerial Imagery (Augustard (D3)
Sandy Gle testrictive La Type: Depth (inch temarks: /DROLOG /etland Hydre rimary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Inundation Water-Stai	rology Indicators: tors (any one indicators: tar (A1) & Excapater (A2) ar Table (A2) ar (A3) arks (B1) (Nonriverlators (B2) (Nonsits (B3) (Nonriverlators (B3) (Nonriverlators (B4)) arks (B3) (Nonriverlators (B4)) by Visible on Aerial Infined Leaves (B9)	ator is suffici va Y 1 to 2 va Y 1 to 2	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4) Recent Iron Reduction in Plowed Soi	Secondary I Water N Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish Is (C6) Saturati	ndicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8) on Visible on Aerial Imagery (
Sandy Gle estrictive La Type: Depth (inch emarks: /DROLOG /etland Hydre rimary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Staield Observa	rology Indicators: tors (any one indicators: tar (A1) & Excay ar Table (A2) (A3) rks (B1) (Nonriverla Deposits (B2) (Non sits (B3) (Nonriver oil Cracks (B6) a Visible on Aerial In ined Leaves (B9) attions:	ator is suffici	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4) Recent Iron Reduction in Plowed Soi Other (Explain in Remarks)	Secondary I Water N Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish Is (C6) Saturati	ndicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8) on Visible on Aerial Imagery (Augustard (D3)
Sandy Gle estrictive La Type: Depth (inch emarks: DROLOG retland Hydre dimary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai eld Observa	eyer (if present): appear (if present): ap	ator is sufficiency (F7) ine) ine) magery (B7)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4) Recent Iron Reduction in Plowed Soi Other (Explain in Remarks) o Depth (inches):	Secondary I Water N Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish Is (C6) Saturati	ndicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8) on Visible on Aerial Imagery (Augustard (D3)
Sandy Gle estrictive La Type: Depth (inch emarks: /DROLOG /etland Hydre rimary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Staield Observa	rology Indicators: tors (any one indicators: are Table (A2) rks (B1) (Nonriverlators) (B2) (Nonriverlators) (B3) (Nonriverlators) (B3) (Nonriverlators) (B3) (Nonriverlators) (B4) (Nonriverlators) (B5) (Nonriverlators) (B6) (Cracks (B6) (Cr	ator is sufficient in the suff	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4) Recent Iron Reduction in Plowed Soi Other (Explain in Remarks) o Depth (inches):	Secondary I Water N Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish Is (C6) Saturati Shallow FAC-Ne	ndicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8) on Visible on Aerlal Imagery (Aquitard (D3) autral Test (D5)
Sandy Gleestrictive La Type: Depth (inchemarks: DROLOG etland Hydrimary Indicat Surface W High Wate Saturation Water Mar Drift Depos Surface So Inundation Water-Stai	rology Indicators: tors (any one indicators: are Table (A2) rks (B1) (Nonriverlators) (A3) rks (B3) (Nonriverlators) (A3) (Nonriverlators) (A3) (Nonriverlators) (A3) (Nonriverlators) (A3) (A3) (A3) (Nonriverlators) (A4)	ator is sufficient in the suff	Salt Crust (B11) Blotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Living Presence of Reduced Iron (C4) Recent Iron Reduction in Plowed Soi Other (Explain in Remarks) o Depth (inches):	Secondary I Water N Sedime Drift De Drainag Dry-Sea Roots (C3) Thin Mu Crayfish Is (C6) Saturati	ndicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) posits (B3) (Riverine) e Patterns (B10) ason Water Table (C2) ack Surface (C7) a Burrows (C8) on Visible on Aerlal Imagery (Aquitard (D3) autral Test (D5)

60

Applicant/Owner:	Secondary Local Lat: 34 1 105	Yes No_ urbed? Are mpling point I Is the Sampled within a Wetlan	convex, none):	Slope (Slope (Slope	(%): _ No _
Landform (hillslope, terrace, etc.): Subregion (LRR): Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this Are Vegetation, Soil, or Hydrology not the site typical for this Are Vegetation, Soil, or Hydrology not the site map summary OF FINDINGS — Attach site map summary OF FINDINGS — Attach site map summary Hydrophytic Vegetation Present? Hydrophytic Vegetation Present? Yes Not the soil Present? Yes Not the summary of	Loc Lat: 24 (07) stime of year? ignificantly distraturally problem showing sationally	Yes No_ urbed? Are matic? (If no mpling point if its the Sampled within a Wetland	convex, none): Long: 10%, 4989 NWI classiff (If no, explain in I "Normal Circumstances" eeded, explain any answ ocations, transects Area and? Yes	Slope (Datum: _ lication: Remarks.) present? Yes pers in Remarks.) s, important featu	(%): No
Subregion (LRR): Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this Are Vegetation, Soil, or Hydrology si Are Vegetation, Soil, or Hydrology no SUMMARY OF FINDINGS — Attach site map so Hydrophytic Vegetation Present? Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: 20 NE 50 - 70 / 3 RE	Lat: _34, 05 stime of year? ignificantly distuaturally problem showing sal	Yes No _ urbed? Are natic? (If no mpling point I ls the Sampled within a Wetlan	Long: — I SK, 4989 NWI classifi — (If no, explain in I "Normal Circumstances" eeded, explain any answ ocations, transects I Area and? Yes ———————————————————————————————————	Datum:	 _ No
Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this Are Vegetation, Soil, or Hydrology si Are Vegetation, Soil, or Hydrology not summary of FINDINGS — Attach site map so Hydrophytic Vegetation Present? Hydrophytic Vegetation Present? Yes Not Hydric Soil Present? Yes Not Wetland Hydrology Present? Yes Not Remarks: 20 NET 1 50 T80 NOT 189 RETURNED 10 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	is time of year? ignificantly distraction in the standard	Yes No _ urbed? Are natic? (If no mpling point I ls the Sampled within a Wetland	NWI classifi (If no, explain in I "Normal Circumstances" eeded, explain any answ ocations, transects I Area and? Yes	ication: Remarks.) present? Yes rers in Remarks.) s, important featu No	No
Are climatic / hydrologic conditions on the site typical for this Are Vegetation, Soll, or Hydrology si Are Vegetation, Soil, or Hydrology no SUMMARY OF FINDINGS — Attach site map so SUMMARY OF FINDINGS — Attach site map so Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: 20 No 1 50 70 1 39 RE	s time of year? ignificantly distuaturally problem showing sal	Yes No _ urbed? Are matic? (If no mpling point I lis the Sampled within a Wetland	(If no, explain in I "Normal Circumstances" eeded, explain any answ ocations, transects I Area and? Yes	Remarks.) present? Yes rers in Remarks.) s, important featu No	_ No _
Are Vegetation, Soll, or Hydrology si Are Vegetation, Soll, or Hydrology no SUMMARY OF FINDINGS - Attach site map si Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: 20 NE 1 50 - 70 // 39 RE 20 NE 2 50 - 70 // 39 RE 20 NE 2 50 - 70 // 39 RE VEGETATION Tree Stratum (Use scientific names.)	ignificantly distuaturally problem showing sale	matic? (If no mpling point I ls the Sampled within a Wetland	"Normal Circumstances" eeded, explain any answ ocations, transects i Area nd? Yes	present? Yes ers in Remarks.) s, important featu No	
Are Vegetation, Soll, or Hydrology si Are Vegetation, Soll, or Hydrology no SUMMARY OF FINDINGS - Attach site map si Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: 20 NE 1 50 - 70 // 39 RE 20 NE 2 50 - 70 // 39 RE 20 NE 2 50 - 70 // 39 RE VEGETATION Tree Stratum (Use scientific names.)	ignificantly distuaturally problem showing sale	matic? (If no mpling point I ls the Sampled within a Wetland	"Normal Circumstances" eeded, explain any answ ocations, transects i Area nd? Yes	present? Yes ers in Remarks.) s, important featu No	
Are Vegetation, Soil, or Hydrologyno SUMMARY OF FINDINGS - Attach site map so Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: 20 NE 1 50 7801/ 139 RE	showing sa	mpling point I Is the Sampled within a Wetlan	ocations, transects I Area and? Yes	ers in Remarks.) s, important featu No	
SUMMARY OF FINDINGS - Attach site map s Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Remarks: 20 NE 1 50 - 80 // 13 9 RE 20 NE 2 50 - 70 // 3 9 RE 20 NE 2 50 - 70 // 3 9 RE SINTERED LOGINE & BOULDERS VEGETATION Tree Stratum (Use scientific names.)	showing sa	Is the Sampled within a Wetlan	i Area nd? Yes	s, important featu	ires,
Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: 2005 1 50 780 1 39 85 70 1 39 85)))	Is the Sampled within a Wetlan	1 Area nd? Yes	No	
Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks: シャビュラローフログ 39RE ファルビュラローフログ 39RE ファルビュラローフログ 39RE VEGETATION Tree Stratum (Use scientific names.)	 	within a Wetlan	nd? Yes	5"	
Wetland Hydrology Present? Remarks: 20 NE 1 50 - 80 1 30 RE 20 NE 2 50 - 70 1 30 RE 20 NE 3 50 1 80 RE FIOTRED LOGINE & BOULDERS VEGETATION Tree Stratum (Use scientific names.)	<u> </u>	ETT SIDE 1	1AKE 2 ZONE	5"	
Remarks: LONE 1 50-80% BARE ZONE 2 50 - 70% BARE ZONE 3 50% BARE SINTERED LOGALE & BOULDERS VEGETATION Tree Stratum (Use scientific names.)	W	ETT TIDE N	MAVE 300 Z	s ode	
VEGETATION Tree Stratum (Use scientific names.)					
•					
•	Absolute Do	minant Indicator	Dominance Test wor	ksheet:	
1	% Cover Sp	ecies? Status	Number of Dominant S	Species	
			That Are OBL, FACW,	, or FAC:	(/
2			Total Number of Domi	nant	
3			Species Across All Str	rata:	(I
4Total Cover:			Percent of Dominant S		//
Sapling/Shrub Stratum	·		That Are OBL, FACW,	, OI FAC	v
1			Prevalence Index wo	rksheet:	
2				Multiply by	
3			OBL species		
4			FACW species		
5.			FAC species		
FLEOUNDRIS SP. (LARGE) Total Cover:	70		FACU species		
1. ELECTIVARIS GIO (DWARF)	5		UPL species		
2. WHITE WILLOW DOCK			Column Totals:	(A)	
3. PROTECTO KNOTWEED			Prevalence index	x = B/A =	
4. VHE, MUSTARD			Hydrophytic Vegetati		
5. W. WHERT GRASS	20,30		Dominance Test is		
6. Servier Globeration	<1, <1		Prevalence Index		
7. ERIGERIAN	•		Morphological Ada	aptations¹ (Provide sup	
8. Bason SWAREWEED				ks or on a separate she	-
DAYE. LIVE 97 1, 2015 (SLEUDE E) Total Cover:	1 (3		Problematic Hydro	ophytic Vegetation¹ (Ex	plain)
Woody-Vine Stratum-			<u> </u>		
1. VIPER GRASS	<u>~ </u> _		¹ Indicators of hydric so be present.	oil and wetland hydrolog	gy mus
2. UNX. COMPOSITE PLEASANE	5		· · · · · · · · · · · · · · · · · · ·		
Total⊭€øver:			Hydrophytic Vegetation		
% Bare Ground in Herb Stratum % Cover	of Biotic Crust		Present? Ye	es No	

Depth Matrix Redox Features	
inches) Color (moist) % Color (moist) % Type ¹	Loc ² Texture Remarks
0-12 2.5 4 2,5/1 100	Clay
	
· · · · · · · · · · · · · · · · · · ·	
Constitution Deposition Description Descri	Linius DO-Dook Channel RA-BAshiy
'ype: C=Concentration, D=Depletion, RM=Reduced Matrix. ² Location: PL=Pore I ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	Inling, RC=Root Channel, M=Matrix. Indicators for Problematic Hydric Soils ³ :
_ Histosol (A1) Sandy Redox (S5)	1 cm Muck (A9) (LRR C)
Histic Epipedon (A2) Stripped Matrix (S6)	2 cm Muck (A10) (LRR B)
Black Histic (A3) Loamy Mucky Mineral (F1)	Reduced Vertic (F18)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)	Red Parent Material (TF2)
_ Stratified Layers (A5) (LRR C) Depleted Matrix (F3)	Other (Explain in Remarks)
_ 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6)	
Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)	
_ Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9)	³ Indicators of hydrophytic vegetation and
Sandy Middky Milleral (S1) Vernal Pools (F9) _ Sandy Gleyed Matrix (S4)	wetland hydrology must be present.
estrictive Layer (if present):	Westerna Hydrology Hidde Se processis
Type:	
Depth (inches):	Hydric Soil Present? Yes No
emarks:	
A TABLE OF THE PARTY OF THE PAR	
DROLOGY	
etland Hydrology Indicators:	Secondary Indicators (2 or more required)
imary Indicators (any one indicator is sufficient)	Water Marks (B1) (Riverine)
Surface Water (A1) Salt Crust (B11)	Sediment Deposits (B2) (Riverine)
High Water Table (A2) Biotic Crust (B12)	Drift Deposits (B3) (Riverine)
Saturation (A3) Aquatic Invertebrates (B13)	Drainage Patterns (B10)
_ Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1)	Dry-Season Water Table (C2)
Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Liv	iving Roots (C3) Thin Muck Surface (C7)
Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4)	Crayfish Burrows (C8)
G Surface Soil Cracks (B6) Recent Iron Reduction in Plowed	ed Soils (C6) Saturation Visible on Aerial Imagery (
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Shallow Aquitard (D3)
_ Water-Stained Leaves (B9)	FAC-Neutral Test (D5)
eld Observations:	
old oboot tallottor	
irface Water Present? Yes <u>~</u> No Depth (inches):	-
rface Water Present? Yes <u> </u> No Depth (inches):	
rface Water Present? Yes <u> </u> No Depth (inches):	-

VEG. ON BACK

Project/Site:	C	ity/County:		Sampling Date: 6/28/	23
Applicant/Owner:					
Investigator(s):				-	
Landform (hillslope, terrace, etc.):					•
Subregion (LRR):					
Soil Map Unit Name:				cation:	
-					
Are climatic / hydrologic conditions on the site ty				•	
Are Vegetation, Soil, or Hydrolog	-			present? Yes No	
Are Vegetation, Soil, or Hydrolog	y naturally probl	lematic? (If ne	eeded, explain any answ	ers in Remarks.)	
SUMMARY OF FINDINGS – Attach s	site map showing s	ampling point l	ocations, transects	s, important features, e	tc.
Hydrophytic Vegetation Present? Yes	No	Is the Sampled			
	No	within a Wetlar		No	
	No				
Remarks: 2 PONDS, OF E LINER ON STREET STORY BEA	em @ seesus 1	Pow G	TERROWL GR	DREAGINGS	LES S
<u>VERY FEW SCHTYFRED 1081</u> EGETATION	ree charens	autoeres			
	Absolute 1	Dominant Indicator	Dominance Test worl	ksheet:	\neg
Tree Stratum (Use scientific names.)	% Cover 5	Species? Status	Number of Dominant S		
1			That Are OBL, FACW,	or FAC: (A)	
2			Total Number of Domir	nant	
3			Species Across All Stra		
4			Percent of Dominant S	pecies	
Sapling/Shrub Stratum	Total Cover:			or FAC: (A/E	3)
1			Prevalence Index wor	rksheet:	_
2.				Multiply by:	
3.				x 1 =	
4				x 2 =	
5			FAC species	x 3 =	
	Total Cover:			x 4 =	
Herb Stratum			· · · · · · · · · · · · · · · · · · ·	x5=	
1			Column Totals:	(A) (B))
2 3		* V · · · · · · · · · · · · · · · · ·	Prevalence Index	· c = B/A =	
			Hydrophytic Vegetation		_
4 5			Dominance Test is		
			Prevalence Index i		
6 7			Morphological Ada	ptations ¹ (Provide supporting	
8,			data in Remark	s or on a separate sheet)	
	Total Cover:		Problematic Hydro	phytic Vegetation¹ (Explain)	
Woody Vine Stratum			4		
1			¹ Indicators of hydric soi be present.	il and wetland hydrology must	
•	Fotal Cover:		Hydrophytic		
			Vegetation		
% Bare Ground in Herb Stratum	% Cover of Biotic Crus	BI	Present? Ye	s No	
Remarks:					
			p		
			,	•	
				å .	

```
ZONE Z
            SOME STANDING WATER, ITHERWISE SATURATED
  ELEOHARIS SP.
                             80%
                              5%
  ELECCHARIS SP. / DWORF
  WHITE WILLOW DOCK
                             41%
   DNK. YELLOW MUSTRAD
                             210
   VERONICA CATENATA
                             <11%
   PROSTATE KNUTHEED
                             41%
RECTANGLE POND (ZONE 1)
   ETEOCHARIS SP.
                        90%
                               PATTIFF OF FLORING SMARTWEED
   SM PATWEED
                        12
  PROSTAGE WNOTHERD
                        1%
   ELEBENSARIS (DWARF)
                       31
   Honoup Inpation
                       1%.
SRUMAE PONDO
                      90%
 ELECCHARIS SP.
         (LARGE)
 ELEVEHARIS SO.
                      37
          (NUMBE)
                     1%
 KNOTHEED
                  11/
 UNK. ADVATIC 1
         (Langen)
                   41%
 UNR. AQUATIC Z
          Ismarten.
           WI WHITE FLOWER) 1'H
  FLOATING ALGAE
```

ZONE F W. WHEATHRASS 40% VERONICA CATENATA 21%. DANDELION 41%.

SOIL	Sampling Point:
OO.E	Camping, onto

Depth	Matrix			ox Feature:	8					
(inches) C	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	<u>Texture</u>	<u> </u>	Remarks	
0-12 2.5	y 2.5/1	99	54R 418							
	,									
					-			_		
								<u> </u>		
										
								<u> </u>	·	
			·							
·								_		
Type: C=Concen						e Lining, RC		annel, M=Mat		9
dydric Soil Indica	ators: (Applica	ble to all LF	•		ed.)				ematic Hydric S	iolis":
Histosol (A1)			Sandy Red					m Muck (A9) (
Histic Epipedo			Stripped M					m Muck (A10)		
Black Histic (A	•		Loamy Mu	-				duced Vertic (f	•	
Hydrogen Sul:		١	Loamy Gle Depleted N		(FZ)			d Parent Mater Ier (Explain in		
Stratified Laye 1 cm Muck (A		,	Depleted N		F6)		0.11	ioi (Evhigii) ili	Nomaine)	
	w Dark Surface	(A11)	Depleted D							
Thick Dark Su		V,	Redox Dep							
Sandy Mucky			Vernal Poo		•		3Indicate	ors of hydroph	ytic vegetation	and
Sandy Gleyed	Matrix (S4)						wetla	and hydrology	must be preser	t.
Restrictive Layer	(if present):					·				
Туре:										
Depth (inches):							Hydric S	ioil Present?	Yes	No
			<u> </u>				Hydric S	ioil Present?	Yes	No
Depth (inches): Remarks:							Hydric S	coil Present?	Yes	No
Depth (inches): Remarks: YDROLOGY									Yesators (2 or more	
Depth (inches): Remarks: YDROLOGY Wetland Hydrolog	gy Indicators:	tor is sufficie	ent)					condary Indica		required)
Depth (inches): Remarks: YDROLOGY Vetland Hydrolog Primary Indicators Surface Water	gy Indicators: (any one indica	tor is sufficie	ent) Salt Crust	(B11)			<u>Se</u>	condary Indica Water Marks	ators (2 or more	required)
Depth (inches): Remarks: YDROLOGY Vetland Hydrolog Primary Indicators Surface Water High Water Ta	gy Indicators: (any one indica (A1) ible (A2)	tor is sufficie					<u>Se</u>	condary Indica Water Marks Sediment De Drift Deposit	ators (2 or more s (B1) (Riverine eposits (B2) (Riv s (B3) (Riverine	required)) verine)
Depth (inches): Remarks: YDROLOGY Vetland Hydrolog Primary Indicators Surface Water	gy Indicators: (any one indica (A1) ible (A2)	tor is sufficie	Salt Crust	st (B12)	s (B13)		<u>Se</u>	<u>condary Indica</u> . Water Marks . Sediment De	ators (2 or more s (B1) (Riverine eposits (B2) (Riv s (B3) (Riverine	required)) verine)
Depth (inches): Remarks: YDROLOGY Vetland Hydrolog Primary Indicators Surface Water High Water Ta	gy Indicators: (any one indica (A1) ible (A2)		Salt Crust Blotic Cru	st (B12) vertebrate			<u>Se</u>	condary Indica Water Marks Sediment De Drift Deposit Drainage Pa	ators (2 or more s (B1) (Riverine eposits (B2) (Riv s (B3) (Riverine	required)) /erine) e)
Depth (inches): Remarks: YDROLOGY Vetland Hydrolog Primary Indicators Surface Water High Water Ta Saturation (A3	gy Indicators: (any one indica (A1) ible (A2)) B1) (Nonriverir	1 0)	Salt Crust Blotic Cru Aquatic In	st (B12) vertebrate: Sulfide Oc	lor (C1)	Living Roots	<u>Se</u>	condary Indica Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season	ators (2 or more s (B1) (Riverine eposits (B2) (Riverine is (B3) (Riverine atterns (B10) Water Table (C	required)) /erine) e)
Depth (inches): Remarks: YDROLOGY Wetland Hydrolog Primary Indicators Surface Water High Water Ta Saturation (A3 Water Marks (Sediment Dep	gy Indicators: (any one indica (A1) ible (A2)) B1) (Nonriverir	ne) riverine)	Salt Crust Blotic Cru Aquatic In Hydrogen	st (B12) vertebrate: Sulfide Oc Rhizosphei	lor (C1) es along	=	Se-	condary Indica Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season	ators (2 or more s (B1) (Riverine eposits (B2) (Riverine is (B3) (Riverine itterns (B10) Water Table (C burface (C7)	required)) /erine) e)
Depth (inches): Remarks: YDROLOGY Wetland Hydrolog Primary Indicators Surface Water High Water Ta Saturation (A3 Water Marks (Sediment Dep Drift Deposits	gy Indicators: (any one indicators: (A1) (ble (A2) () B1) (Nonrivering osits (B2) (Nonivering (B3) (Nonrivering (B3) (No	ne) riverine)	Salt Crust Blotic Cru Aquatic In Hydrogen Oxidized I	st (B12) vertebrates Sulfide Oo Rhizospher of Reduce	lor (C1) es along d Iron (C4)	Se	condary Indica Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S	ators (2 or more s (B1) (Riverine eposits (B2) (Riverine is (B3) (Riverine itterns (B10) Water Table (C burface (C7)	required)) verine) e)
Depth (inches): Remarks: YDROLOGY Wetland Hydrolog Primary Indicators Surface Water High Water Ta Saturation (A3 Water Marks (Sediment Dep Drift Deposits Surface Soli C	gy Indicators: (any one indicators: (A1) (ble (A2) () B1) (Nonrivering osits (B2) (Nonivering (B3) (Nonrivering (B3) (No	ne) riverine) ne)	Salt Crust Blotic Cru Aquatic In Hydrogen Oxidized I	st (B12) overtebrates Sulfide Oc Rhizospher of Reduce on Reduction	lor (C1) res along d Iron (C4 on in Plow)	Se	condary Indica Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S	ators (2 or more s (B1) (Riverine eposits (B2) (Riverine is (B3) (Riverine itterns (B10) Water Table (C surface (C7) rrows (C8)	required)) verine) e)
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