Riparian wetlands are found within Lewiston 1 and Dark Gulch sites. Riparian wetlands are characterized by a complex of open to dense emergent herbaceous and woody riparian vegetative growth. Herbaceous plant species that almost always occur (>99% probability; OBL) in wetlands and herbaceous plant species that usually occur (>67% to 99% probability; FACW) in wetlands were observed within riparian wetland features. These plant species include torrent sedge (*Carex nudata* – FACW+), tall flatsedge (*Cyperus eragrostis* – FACW), least spikerush (*Eleocharis acicularis* – OBL), smooth scouring rush (*Equisetum laevigatum* – FACW), and reed canary grass (*Phalaris arundinaceae* – OBL).

Fresh Emergent Wetland. Fresh emergent wetlands were identified at the Lewiston 4 and Dark Gulch sites. Fresh emergent wetlands are characterized by erect, rooted, herbaceous hydrophytes, excluding mosses and lichens. Vegetation, typically perennial, is present for most of the growing season in most years (Cowardin et al. 1979). Fresh emergent wetlands found at these two sites are formed in three different ways: 1) from inundation of lands surrounding the open-water pond; 2) from depressions between tailings piles; and 3) from a depression within the Trinity River floodplain (i.e., ponding occurs within the low point, allowing emergent vegetation to become established). Fresh emergent wetland criteria were met by the presence of hydrophytic vegetation, hydric soils, and wetland hydrology, including standing surface water. Hydrologic influences on these features include the Trinity River, precipitation, and runoff from adjacent areas. The dominant plant species include narrow-leaf cattail (*Typha angustifolia* – OBL), Himalyan blackberry (*Rubus discolor* – FACW\*), perennial ryegrass (*Lolium perenne* – FAC\*), and narrow-leaved willow (*Salix exigua* – OBL).

**Intermittent Pool.** Intermittent pools consist of shallow depressions that exhibit seasonal inundation. This jurisdictional type is a non-wetland water of the United States. It seasonally supports vegetation adapted to surviving in seasonally saturated and/or inundated conditions. The intermittent pool at the Dark Gulch site appears to be an artifact of past mining activities.

**Riverine (Perennial Stream).** Inclusion of the Trinity River within each of the five sites is the primary factor influencing wetland features associated with each ESL. Riverine (perennial stream) habitat, identified as the river itself, exhibits a distinct bed and bank feature (i.e., scouring), as well as continuous inundation, watermarks, drift lines, and sediment deposits.

**Intermittent Creek.** Intermittent creek features include natural drainages that convey waters intermittently during the late fall, winter, and spring months, but are usually dry during the summer and early fall months. These features exhibit indicators of scouring and deposition of soil material. Upland plant species often colonize these features during the summer when no water is present. Water sources may include direct precipitation, runoff from upstream channel reaches, and seepage from surrounding soils (groundwater). Intermittent creeks are non-wetland waters of the United States or "other waters." Intermittent creeks were identified at the Lewiston 1, Lewiston 3, and Dark Gulch sites.

**Ephemeral Creek.** Ephemeral creek features include natural drainages that convey water during and briefly after storms. Groundwater discharge does not constitute a

portion of the flow. Ephemeral creeks are non-wetland waters of the United States or "other waters." Ephemeral creek features were identified at the Lewiston 1 and Dark Gulch sites.

**Open-Water.** This feature consists of a deep-water area that exhibits perennial inundation. This jurisdictional type is a non-wetland water of the United States or "other waters." Three open-water features were found at the Dark Gulch site.

Table 2. Summary of Corps Jurisdictional Waters within the Lewiston 1–4 and Dark Gulch ESLs, Trinity River Mechanical Channel Rehabilitation, Trinity County, California.

Watland Type			Total A	Acreage		
Wetland Type	Lewiston 1	Lewiston 2	Lewiston 3	Lewiston 4	Dark Gulch	
Wetlands						
Riparian Wetland	2.65				1.14	3.79
Fresh Emergent Wetland	-1			0.07	0.58	0.65
Intermittent Pool					0.06	0.06
<b>Total Wetlands</b>	2.65	0.00	0.00	0.07	1.78	4.50
Other Waters						
Trinity River (Riverine)	25.61	5.58	12.74	11.08	52.60	107.61
Intermittent Creek	0.01		0.01		0.01	0.03
Open Water					0.40	0.40
Ephemeral Creek	0.004				0.003	0.007
<b>Total Other Waters</b>	25.62	5.58	12.75	11.08	53.01	108.04
Total Jurisdictional Waters	28.27	5.58	12.75	11.15	54.79	112.54

c) Discussion of Results: Jurisdictional waters of the United States occurring within the ESLs include nine riparian wetlands, six fresh emergent wetlands, one intermittent pool, one perennial stream, three intermittent creeks, three ephemeral creeks, and three open water ponds. As shown in Table 2, these features occupy a total of 112.54 acres and are subject to Corps jurisdiction. No discharge of dredged or fill material into waters of the United States is permitted unless authorized under a Corps Nationwide Permit or Individual Permit.

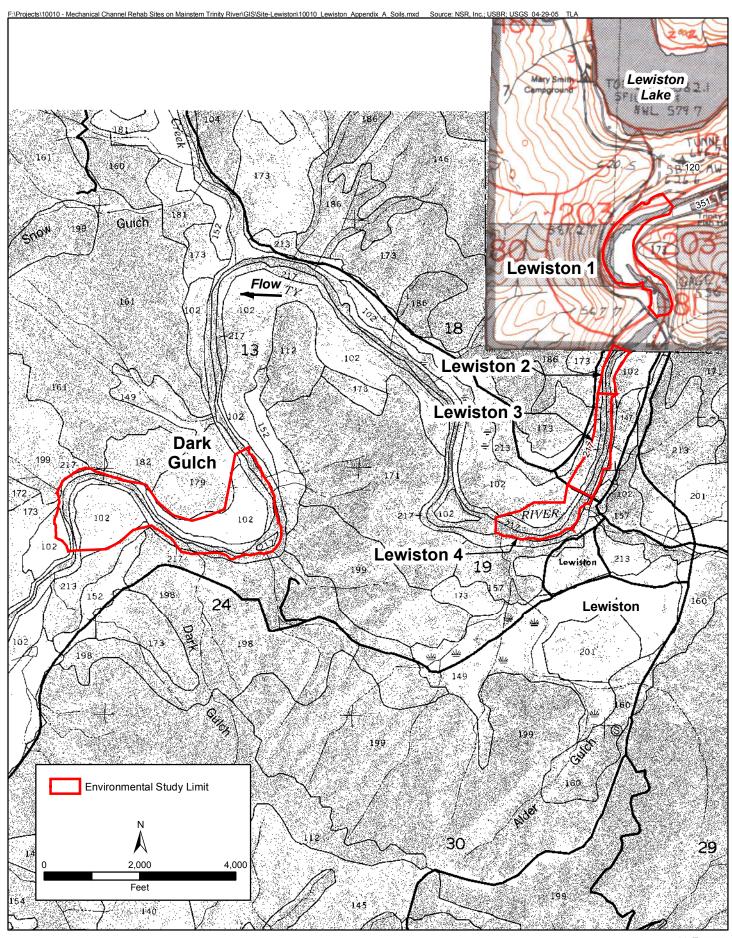
This delineation of waters of the United States is subject to verification by the Corps. NSR advises all parties to treat the information contained herein as preliminary until the Corps provides written verification of the boundaries of their jurisdiction.

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## APPENDIX A

Soil Map Unit Figure



Lewiston 1 - 4 and Dark Gulch Channel Rehabilitation Sites, Delineation of Waters of the U.S.

## **A**PPENDIX **B**

Data Sheets

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Hydrophyls this por Remarks  ACOE Ji Children  A	oil Indicator Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion  viic vegetatil Int within a viic Int	s: edon or ture regime conditions s on present? wetland? Y  Verils, di  existing Tri  ALUATION  Bank n: Intermittent	Y or NO OF FEATURE  Sco  Sco  Eph tificial Drai	Positive Gleyed of High org Organic Listed of Listed of Other Wetland point with Waters Vaters Vaters	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other ACOE JUF	and dipyridyl test ama colors int in surface layer in sandy soil in sandy soils ric soils list and of the soils interest of the U.S."? For N (If you is waters of the U.S."? For N (If y	Remarks:  No pit day substitute  tou rocky.  Sent? Por N  se, complete bottom of form)  ithin 10 - Feet reach  lement at ellaining.

	E I LAND D	ETERMINA	ATION	Comm. ID: Upland	Plot ID: DPZ
Project/Site: Lewisten L				· · · · · · · · · · · · · · · · · · ·	Date: 11 April 2005
Applicant/Owner: BOR/USF	C. Bogs		· · · · · · · · · · · · · · · · · · ·	· · <del>- · · · · · · · · · · · · · · · · ·</del>	County: TrivityState: California
Investigator(s):  Do normal circumstances exist			Explain:	This 0 16	Glate. Cantollila
Is the site significantly disturbed				, 100 IV	
Is the area a potential problem	area? Y or				
VEGE	TATION				OLOGY
			ļ	Recorded Data (Description of the part of	
Dominant Plant Species	Cover	Stratum	Indicator	stream, lake, or lide go	auge
1. Rosa californica	5	5	1	O other	
NOSA CTITETHER	<del>;                                      </del>	<del>i                                    </del>	FACT	☐ No Recorded data ava	ilable
100 bulbo 57	45	1-1-	NL	Field Observation:	
3. Lotus microuthus	25	<del>  +)</del>	NL		1
4. Grindeliz squarrosz	10	H	FACU	Depth of Surface Water:	
5. Trifolium hirton	1	14	NL	Depth to Free Water in Pit:	
6. cobble /gravel	5	NA	1	Depth to Saturated Soil:	<i>√/A</i> (in.)
7.	<del></del>	1 10/21	1 70 // 1		ology Indicators
8.	<del> </del> -	<del> </del>	<del> </del>	Primary Indicators	Secondary Indicators
9.		<del> </del>	<del></del>	☐ inundated	O oxidized root channels in upper 12"
			<u> </u>	☐ saturated in upper 12 "	☐ water-stained leaves
10.				☐ water marks ☐ drift lines	☐ local soil survey data ☐ FAC-neutral test
Percent of dominant species that are OF	L, FACW or F	AC 0/2 =	-0%	☐ sediment deposits	O other (explain in remarks)
Remarks:		· · · · ·		O drainage patterns in wetlands  Remarks:	
Insufficient hyp	trophytic	Jeac far	fien.		Iralana tudan 1 -
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		J		1	leology indicators.
Maria I la Maria (O a de la caractería de la Colonia de la	\ 2 <i>E</i>	1 200		OILS	Desirana Olasar
Taxonomy (Subgroup):	ase): 그그	I-XEL	<u>uriuve</u>	+5 - RIVER WASS ASSOC,	Drainage Class: Field Observations Confirm
Hydric Status on NRCS Field C	ffice ! ist:	-		0,00,00	
,	11100 LIGH				IMapped Type: T 14 ONK
Depth Horizon Matrix Color	Mottle	1	ttle	Texture, Concretions, Structure, Etc.	Mapped Type? Y N UNK Remarks:
		1	ottle :e/contrast	Texture, Concretions, Structure, Etc.	Remarks:
	Mottle	1		Texture, Concretions, Structure, Etc.	
	Mottle	1		Texture, Concretions, Structure, Etc.	Remarks: No pit dag . Too
	Mottle	1		Texture, Concretions, Structure, Etc.	Remarks:  No pit dug. Too  tocky.
Depth Horizon Matrix Color Hydric Soil Indicators:	Mottle Colors	Abundance	alpha-alph	na dipyridyl test	Remarks: No pit dag . Too
Depth Horizon Matrix Color Hydric Soil Indicators:  Histosol	Mottle Colors	Positive Gleyed	alpha-alphor low-chro	na dipyridyl test	Remarks:  No pit dug. Too  tocky.  No hydric soils
Depth Horizon Matrix Color Hydric Soil Indicators: Histosol Histic Epipedon	Mottle Colors	Positive Gleyed ( High org	alpha-alphor low-chro	na dipyridy! test ma colors int in surface layer in sandy soil	Remarks:  No pit dug. Too  tocky.
Hydric Soil Indicators:  Histosol Sulfidic odor	Mottle Colors	Positive Gleyed of High org Organic	alpha-alphor low-chroganic conte	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils	Remarks:  No pit dug. Too  tocky.  No hydric soils
Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regime Reducing conditions	Mottle Colors	Positive Gleyed of High org Organic Listed or	alpha-alphor low-chroganic conte	na dipyridy! test ma colors int in surface layer in sandy soil	Remarks:  No pit dug. Too  tocky.  No hydric soils
Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regime	Mottle Colors	Positive Gleyed of High org Organic Listed of Other	alpha-alphor low-chroganic contestreaking in local hydronal l	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils ric soils list hydric soils list	Remarks:  No pit dug. Too  tocky.  No hydric soils
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regime Reducing conditions Concretions	Mottle Colors	Positive Gleyed of High org Organic Listed of Listed of Other	alpha-alphor low-chroganic contestreaking in local hydronal hydronal hydronal local hydronal hyd	na dipyridy! test Ima colors Int in surface layer in sandy soil In sandy soils Inc soils list Indydric soils list Intermination	Remarks:  No pit dug. Too  tocky.  No hydric soils indicators.
Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regime Reducing conditions Concretions  Hydrophytic vegetation present?	Mottle Colors	Positive Gleyed of High org Organic Listed of Listed of Other WET	alpha-alphor low-chroganic contestreaking in local hydronal	na dipyridy! test Ima colors Int in surface layer in sandy soil In sandy soils Inc soils list Indicate the soils list Incompare the soils list Inc	Remarks:  No pit dug. Too  tocky.  No hydric soils indicators.
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Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol  Histic Epipedon  Sulfidic odor  Aquic moisture regime Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y	Mottle Colors	Positive Gleyed of High org Organic Listed of Listed of Other WET Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronal little in all hydrology alm an "Other	na dipyridyl test Ima colors Int in surface layer in sandy soil In sandy soils Inc soils list Indic soils li	Remarks:  No pit dag. Too  tocky.  No hydric soils indicators.  seent? York es, complete bottom of form)
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Hydric Soil Indicators:  Histosol  Histic Epipedon  Sulfidic odor  Reducing conditions  Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y Remarks:  ACOE Jurisdiction:  Adjacent to Waters	Mottle Colors	Positive Gleyed of High org Organic Listed or Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology hin an "Other to Contestreaking in an analysis in analysis in an lysis in analysis in analysis in analysis in an analysis in an analysis in analysis in an analysis in an analysis in analysis in an analysis in	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils ric soils list hydric soils list  TERMINATION  Present? Y or D Hydric Soils Present waters of the U.S."? Y or Niff y	Remarks:  No pit dig. Too  tocky,  No hydric soils indicators.  psent? Yord ps, complete bottom of form)  DP 1).
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Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y Remarks:  ACOE Jurisdiction: Adjacent to Waters	Yor Nor Nor Nor Nor Nor Nor Nor Nor Nor N	Positive Gleyed of High org Organic Listed or Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology hin an "Other ACOE JUF	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils ric soils list hydric soils list  TERMINATION Present? Y or (1) Hydric Soils Present? Y or (1) Hydric Soils Present waters of the U.S."? Y or (1) lif y  he he were 1 drainage (1)	Remarks:  No pit dag. Too  tocky,  No hydric soils indicators.  seent? Yord es, complete bottom of form)  DP 1).
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y Remarks:  ACOE Jurisdiction: Adjacent to Waters Triexplain:  EVALUATION Indicators:	Mottle Colors  Or Mottle Colors  Yor Moor Mother Is this	Positive Gleyed of High org Organic Listed or Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology alin an "Other to Company and the contestreaking in local hydrology alin an "Other to Company alin alin alin alin alin alin alin alin	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils ric soils list interest of the U.S."? Yor fifty  RISDICTION  I (with Interstate Commerce)	Remarks:  No pit dag. Too  tocky,  No hydric soils indicators.  seent? Yord es, complete bottom of form)  DP 1).
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y Remarks:  ACOE Jurisdiction: Adjacent to Waters Trexplain:  EVALUATION Indicators: Defined Bed and Bank	Yor Nor Nor Nor Nor Nor Nor Nor Nor Nor N	Positive Gleyed of High org Organic Listed or Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology alin an "Other to Company and the contestreaking in local hydrology alin an "Other to Company alin alin alin alin alin alin alin alin	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils ric soils list hydric soils list  TERMINATION  Present? Y or (1) Hydric Soils Present waters of the U.S."? Y or (1) lif y  The metal classing a (1)  RISDICTION	Remarks:  No pit dag. Too  tocky,  No hydric soils indicators.  seent? Yord es, complete bottom of form)  DP 1).
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y Remarks:  ACOE Jurisdiction: Adjacent to Waters Feature Designation: Perennial Intermitter	Mottle Colors  Or Mottle Colors  Yor Moor Mother Is this point of the Colors  OF FEATL	Positive Gleyed of High org Organic Listed or Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in national Hydrology in an "Other # 0 PT ACOE JUF	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils ric soils list interest of the U.S."? Yor fifty  RISDICTION  I (with Interstate Commerce)	Remarks:  No pit dig . Too  Yorky.  No hydric soils indicators.  seent? York es, complete bottom of form)  DP 1).  I solated (non-jurisdictional)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y Remarks:  ACOE Jurisdiction: Adjacent to Waters EVALUATION Indicators: Defined Bed and Bank Feature Designation: Perennial Intermitter Natural Drainage A	Mottle Colors  Yor Moor Mor Is thi	Positive Gleyed of High org Organic Listed or Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology alin an "Other desired and a second a s	na dipyridy! test ima colors int in surface layer in sandy soil in sandy soils ric soils list hydric soils list  TERMINATION Present? Y or (1) Hydric Soils Present? Y or (1) Hydric Soils Present attention of the U.S."? Y or (1) if y  he were I diverse (1) RISDICTION If (with Interstate Commerce)  "OTHER WATERS OF THE UN ry High Water Mark Mapped	Remarks:  No pit dig . Too  tocky.  No hydric soils indicators.  seent? Yorth es, complete bottom of form)  DP 1).  I Isolated (non-jurisdictional)
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DATA FORM: ROUTINE W	ETLAND D	ETERMIN	ATION	Comm. ID: Perpunial Sto	
Project/Site: Lewiston	1				Date: 11 April 2005
Applicant/Owner: BOR/V	585				County: Trivity
Investigator(s):	C. Bogo	18		7/	State: California
Do normal circumstances exist			Explain: _	161017	
Is the site significantly disturbed is the area a potential problem			Y OF (N)	<del></del>	<del></del>
	TATION	<u> </u>		HYD	ROLOGY
		<u> </u>		Recorded Data (Des	
i	ļ .	ĺ		stream, lake, or tide	
Dominant Plant Species	Cover	Stratum	Indicator	aerial photographs	
1. Flowing water	60	N/A	~/A	O other	<del></del>
	1	T .			vailable
(808/6-1934/)	15	N/A	N/A	Field Observation:	
MINNS Y HOW BITTOIL	10	<u> </u>	OBL		~ 1.50 m.
4. Solik exigua	5	5_	OBL	Depth of Surface Water:	
5. Rubus discolor	10	5	FACW	Depth to Free Water in Pit: _	<u> </u>
6.	1.02	<del></del>	1 1,0 10	Depth to Saturated Soil:	~/A (in.)
7.	<del> </del>		<del>                                      </del>		Irology Indicators
	ļ	ļ.,	<u></u> .		
8.			<u> </u>	Primary Indicators	Secondary Indicators
9.	1			Akinundated	O oxidized root channels in upper 12"
10.	<del>                                     </del>	<del> </del>	-	SX saturated in upper 12 " SX water marks	☐ water-stained leaves  Q-tócal soil survey data
	<u> </u>		<u>l</u>	drift lines	☐ FAC-neutral test
Percent of dominant species that are Of	BL, FACW or F	AC _V(A_	-	2 sediment deposits 2 drainage patterns in wetlands	O other (explain in remarks)
Remarks: Perennial Stream		1 . 1	1 : 1	Remarks:	
levering of the grant	13 WOST	y devoi	et et	Sufficient wattend	hydrology indicators,
vig., except along banks	and on	some que	quel bass.		7, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10
	· · · · · · · · · · · · · · · ·		SC	OILS	
Map Unit Name (Series and Ph Taxonomy (Subgroup):	ase): <u>35</u>	1-xe/o	t/UV6/t	- Liver Wass Assoc.	Drainage Class:
Hydric Status on NRCS Field C	ffice Liet:	Hydric		070 SION	Field Observations Confirm Mapped Type? Y N UNK
			ttle	Texture, Concretions, Structure, E	
		Mo		Texture, Concretions, Structure, Et	c. Remarks:
	Mottle	Mo	ttle	Texture, Concretions, Structure, Et	c. Remarks:
	Mottle	Mo	ttle	Texture, Concrețions, Structure, El	c. Remarks:
	Mottle	Mo	ttle	Texture, Concretions, Structure, E	c. Remarks:
Depth Horizon Matrix Color	Mottle Colors	Mo	ttle ce/contrast	- TOTAL BOOK OF THE STATE OF TH	
Depth Horizon Matrix Color Hydric Soil Indicators:	Mottle Colors	Abundance	die e/contrast alpha-alph	a dipyridyl test	requestly fleeded  (perennia) flow),  Sufficient hydric
Depth Horizon Matrix Color Hydric Soil Indicators:  CJ Histosol	Mottle	Positive Gleyed	alpha-alphor low-chro	a dipyridyl test ma colors	requestly fleeded  (perennia) flow),  Sulficient hydric  Soils jundicators.
Hydric Soil Indicators:  Histosol Histic Epipedon	Mottle	Positive Gleyed of High org	alpha-alphor low-chro	a dipyridyl test ma colors nt in surface layer in sandy so	requestly fleeded  (perennia) flow),  Sulficient hydric  Soils jundicators.
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor	Mottle Colors	Positive Gleyed of High org Organic	alpha-alphor low-chroganic conte	a dipyridyl test ma colors nt in surface layer in sandy so n sandy soils	requestly fleeded  (perennia) flow),  Sufficient hydric  Soils jundicators.
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions	Mottle Colors	Positive Gleyed of High org Organic Listed on Listed on	alpha-alphor low-chroganic contestreaking in local hydronal	a dipyridyl test ma colors nt in surface layer in sandy so n sandy soils ric soils list nydric sojls list	requestly fleeded  (perennia) flow),  Sufficient hydric  Soils jundicators.
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regime	Mottle Colors	Positive Gleyed of High org Organic Listed or Other	alpha-alphor low-chroganic contestreaking in local hydronational l	a dipyridyl test ma colors nt in surface layer in sandy soi n sandy soils ric soils list nydric soils list	requestly fleeded  (perennia) flow),  Sufficient hydric  Soils jundicators.
Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regime Reducing conditions Concretions	Mottle Colors	Positive Gleyed of High org Organic Listed or Other	alpha-alphor low-chroganic contestreaking in local hydronational l	a dipyridyl test ma colors nt in surface layer in sandy soi n sandy soils ric soils list nydric soils list	requestly fleeded  (perennia) flow),  Sufficient hydric  Soils indicators.
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present?	Mottle Colors	Positive Gleyed of High org Organic Listed or Listed or Other WET	alpha-alphor low-chrogenic contestreaking in local hydronomy	a dipyridyl test ma colors nt in surface layer in sandy so n sandy soils ric soils list nydric soils list TERMINATION Present? (Y) or N Hydric Soils Is	requestly fleeded  (perennia) flow),  Sulficient hydric  Soils judicators.
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regime Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland?	Mottle Colors	Positive Gleyed of High org Organic Listed or Listed or Other WET	alpha-alphor low-chrogenic contestreaking in local hydronomy	a dipyridyl test ma colors nt in surface layer in sandy so n sandy soils ric soils list nydric soils list TERMINATION Present? (Y) or N Hydric Soils Is	requestly fleeded  (perennia) flow),  Sulficient hydric  Soils judicators.
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DATA	FORM: R	OUTINE WE	TLAND D	ETERMIN	ATION	Comm. ID	:_ Woland		Plot ID: <u> </u>
Project/Si	te: Leu	iston 1							Date: 11 April 2005
Applicant/	Owner:	BOR/USF							County: Trinity
Investigat	Or(s):		LC. Bogo	8	Francisco	721	0 17		State: California
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io tilo allo	a a potone	VEGET						HYDRO	DLOGY
							Recorded Data (		
ĺ							tream, lake, or		uge
	ant Plant		Cover	Stratum	Indicator	4 -	erial photograp	กร	
1. Pine	5 pender	052	10	7_	FAC	1	ther		
2. 501	x exig	JZ	10	5	OBL		lo Recorded da	ta avai	lable
	us disc		25	5	FACWIT	Field Obs			
4. Ros	a cali4	OSPic 7	(0	3	FAC+		Surface Water: _		
	15 druen		20	Н	NL	Depth to F	ree Water in Pi	it:	<u>ν/Α</u> (in.)
10(11			25		<del>,</del>		Saturated Soil: _		
7.	bulbo	<u> </u>	45	H	NL				logy Indicators
								,410	Secondary Indicators
8.						L	mary indicators		
9.						inundated saturated i	n upper 12 "		<ul> <li>oxidized root channels in upper 12"</li> <li>water-stained leaves</li> </ul>
10.						ii) water mari			S local soil survey data
	ominant pnec	les that are OBI	EACW or E	1 0C \/• =	227	☐ drift lines ☐ sediment o	Ionneite		☐ FAC-neutral test ☐ other (explain in remarks)
Percent or d	onanara apec		L, PACTE 01 17	10 / <u>51</u>	J716	drainage p	atterns in wetlands		Source (orphane in running)
Remarks:	Tir	1	. 1. /	15	8 .15	Remarks:			
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				-	SC	DILS			
Map Unit	Name (Se	ries and Pha	se): 35/	- xerot	Tuvents	- River	Wash Asso	C	Drainage Class:
Taxonom	y (Subgrou	.p):			,	oʻ	1. 5/0PE		Field Observations Confirm
		RCS Field Of		100	-44	I Touture Co	7		Mapped Type? Y N UNK
Hydric Sta Depth		CS Field Of			ottle ce/contrast	Texture, Co	ncretions, Structu		Mapped Type? Y N UNK Remarks:
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			Mottle			Texture, Co	7		Remarks:
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Hydric So	Horizon  Horizon  Histosol  Histosol  Histosol  Histosol  Gallidic do  Aquic mois  Reducing o  Concretion  tic vegetati  nt within a  Trisdiction  nt to Water  EV  S:  d Bed and  Designation  al Drainage	edon or sture regime conditions is on present? wetland? You had a to present and the conditions is on present? Wetland? You had a to present and the conditions in the conditions in the conditions is one conditions in the conditi	Mottie Colors  Tolory  Tor No is this  Sunday to V  OF FEATU	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland Repoint with	alpha-alphor low-chroganic contestreaking in local hydrology in national law at the streaking in local hydrology in an "Other Company"   Company    a dipyridyl ma colors ont in surfact in sandy so in soils list hydric soils TERMINA Present? Y or waters of  (with Inter "OTHER V ony High Wa	test le layer in sand ils list TION TON THY Hydric So the U.S."? You  State Commerce  VATERS OF The	y soil  y soil  iii (if ye	Remarks:  No pit dig. Too  rocky.  Solf circuit hydn?  Soil indirector.  sent? Oor N s, complete bottom of form)	

	FORM. N		ETLAND D			Commi. II		Plot ID: DP 5
Project/S	ite: Le	wisten 1						Date: 11 April 2005
Applicant	VOwner: _E	BOR JUST	5					County: Towly State: California
Investiga	tor(s):		2. Bogo		Explain:	DG -1	0 18	State: California
		inces exist					<u> </u>	
		al problem a						
	potoriti		TATION	·		1	HYDR	OLOGY
	nant Plant		Cover	Stratum	Indicator	Ø	Recorded Data (Descr stream, lake, or tide ga aerial photographs	ibe in Remarks)
1.	<u>-</u>				<u> </u>	}	other	74_L.L.
2.						_	No Recorded data ava	ilable
3.						Fisid Obs	servation:	
4.				·			Surface Water:	
5.						Depth to	Free Water in Pit:	<u>~/</u> ∕/4(in.)
6.			1		<del> </del>		Saturated Soil:	
7.		<del>-/</del>	<del> </del>	<u> </u>		1		ology Indicators
8.						- F	rimary Indicators	Secondary Indicators
	/_			<u> </u>	<u> </u>	Dinundate		O oxidized root channels in upper 12"
9.						⊠ seturated	t in upper 12"	☐ water-stained leaves
10,						☐ water ma		☐ local soil survey data ☐ FAC-neutral test
Percent of	dominant spec	les that are OB	L, FACW or F	AC//A		<b>⊠</b> sediment	deposits	d other (explain in remarks)
Remarks:	7 .du- 1	ent daing	ne is do	is al at J	cartifica	Remarks:	patterns in wetlands	<u> </u>
	A ALGEMITA	ENI a.t.u.				Gul	ficient welland	hydrology indicators.
					SC	ILS		I
Map Unit	Name (Se	ries and Ph	ase): 351	- Xe(0+1)	uvents -	NVV	Wash Assuc	Drainage Class: Field Observations Confirm
	., (0	ip): ICS Field O				<del></del>	UB JITE	Mapped Type? Y N UNK
Depth		Matrix Color	Mottle		ottle	Texture, C	oncretions, Structure, Etc.	Remarks:
	<u></u>		Colors	Abundan	ce/contrast	- Ballet	Chicago Income	No pit dag. Too
	1	1	i	THE REAL PROPERTY AND ADDRESS OF THE		1		
	<del></del>					<del> </del>		i ' -
		and the same of th						rocky.
	and the Wall bearing	The state of the s						i ' -
0	oil Indicator Histosol Histic Epipo	edon	0	Gleyed High org		ma colors nt in surfa	s ace layer in sandy soil	i ' -
000	Histosol Histic Epipe Sulfidic ode	edon or	0	Gleyed High org Organic	or low-chro ganic conte streaking i	ma colors nt in surfa in sandy s	s nce layer in sandy soil oils	i ' -
0000	Histosol Histic Epipe Sulfidic ode Aquic mois	edon or ture regime	0000	Gleyed High org Organic Listed o	or low-chro ganic conte streaking i n local hyd	ma colors int in surfa in sandy s iric soils lis	s ice layer in sandy soil oils st	i ' -
0000	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing o	edon or ture regime conditions	0	Gleyed High org Organic Listed o	or low-chro ganic conte streaking i n local hyd n ngtional l	ma colors int in surfa in sandy s iric soils lis hydric soil	s ice layer in sandy soil oils st	i ' -
o o o o o	Histosol Histic Epipe Sulfidic odd Aquic mois Reducing o Concretion	edon or ture regime conditions s	00000	Gleyed High org Organic Listed o Listed o Other WE	or low-chro ganic conte streaking i n local hyd n national l	oma colors ont in surfa in sandy s inc soils lis hydric soil	ce layer in sandy soil oils st slist	rocky.
G G G Hydrophy is this po	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing o Concretion rtic vegetatil Int within a	edon or ture regime conditions s	00000	Gleyed High org Organic Listed o Listed o Other WE	or low-chro ganic conte streaking i n local hyd n national l	oma colors ont in surfa in sandy s inc soils lis hydric soil	ce layer in sandy soil oils st slist	i ' -
o o o o o	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing c Concretion /tic vegetatil Int within a vegetatil  Frate	edon or ture regime conditions s on present? wetland? Y	Y or NO or NO is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	or low-chro ganic conte streaking in n local hyd n national l tree se TLAND DE Hydrology nin an "Othe	ma colors ant in surfa in sandy s ric soils lis hydric soil TERMIN Present? er waters o	to layer in sandy soil oils st slist	rock /. esent? (Bor N es, complete bottom of form)
G G G Hydrophy is this po	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing c Concretion /tic vegetatil Int within a vegetatil  Frate	edon or ture regime conditions s on present? wetland? Y	Y or NO or NO is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	or low-chro ganic conte streaking in n local hyd n national l tree se TLAND DE Hydrology nin an "Othe	ma colors ant in surfa in sandy s ric soils lis hydric soil TERMIN Present? er waters o	to layer in sandy soil oils st slist	rocky.
Hydrophy is this po	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion /tic vegetation that within a vegetation  Frat-	edon or ture regime conditions s on present? wetland? Y	Y or NO or NO is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	or low-chro ganic conte streaking in n local hyd n national l tree se TLAND DE Hydrology nin an "Othe	ma colors ont in surfa in sandy s ric soils lis hydric soil Present? or waters of	ice layer in sandy soil oils st s.list flooled ATION Tor N Hydric Soils Profit the U.S."? Oor N (If your layers and I will be the sand I will be t	rock /. esent? (Bor N es, complete bottom of form)
Hydrophy is this po Remarks	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion /tic vegetati Int within a vegetati Second	edon or ture regime conditions s on present? wetland? Y	Y or NO or NO is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	or low-chroganic contest streaking in local hydronal law and the streaking in national law and the streaking in an "Other law and the streaking and "Other law" ACOE JUF	ma colors ant in surfa in sandy s inc soils lis hydric soil TERMIN Present?  TYPE  TISDICTIO	ice layer in sandy soil oils st s.list flooled ATION Tor N Hydric Soils Profit the U.S."? Oor N (If your layers and I will be the sand I will be t	rock /. esent? (Bor N es, complete bottom of form)
Hydrophy is this po	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion /tic vegetati Int within a vegetation a vege	edon or ture regime conditions s on present? wetland? Y	Y or N is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	or low-chroganic contest streaking in local hydronal language of the local hydrology win an "Other language of the local language of the langu	ma colors ant in surfa in sandy s inc soils lis hydric soil TERMIN Present?  TERMIN Present?  TISDICTION	ice layer in sandy soil oils st s.list tlocale of ATION Tor N Hydric Soils Profithe U.S."? Oor N (If your soul)	esent? (f)or N es, complete bottom of form)  de for rewaining    Isolated (non-jurisdictional)
Hydrophy is this po Remarks  ACOE Jo C Adjace Explain:	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion  /tic vegetati Int within a vertice  **Concretion**  **Co	edon or ture regime conditions s on present? wetland? Y	Y or N is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with Vaters  Vaters	or low-chroganic contestreaking in local hydronal law-colon hydrology him an "Other ACOE JUF	ma colors of in surface in sandy surice soils list hydric soil surice in surface in surf	ATION Tor N Hydric Solls Prefit the U.S."? Or N (If your state Commerce)  WATERS OF THE UN	esent? (f)or N es, complete bottom of form)  de for rewaining    Isolated (non-jurisdictional)
Hydrophy is this po Remarks  ACOE Jo C Adjace Explain:	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion /tic vegetati Int within a vegetation and veg	edon or ture regime conditions s on present? wetland? Y  ALUATION  Bank	Y or N is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with Vaters  Vaters	or low-chroganic contestreaking in local hydronal law-colon hydrology him an "Other ACOE JUF	ma colors of in surface in sandy surice soils list hydric soil surice in surface in surf	ice layer in sandy soil oils st s.list tode of ATION Tor N Hydric Soils Profit the U.S."? Dor N (If you want to be a wind	esent? (f)or N es, complete bottom of form)  de for rewaining    Isolated (non-jurisdictional)
Hydrophy is this po Remarks  ACOE Jo C Adjace Explain: Indicato Define Feature Peren	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion  /tic vegetatil Int within a verific to Water  EV.  rs: ed Bed and Designation inial	edon or ture regime conditions s on present? wetland? Y  ALUATION  Bank on: Intermitten	Y or N is thi	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with Vaters  Vaters  DRES DES	or low-chroganic contestreaking in local hydronal language of the streaking in local hydronal language of the streaking in an "Other language of the streaking	ma colors ant in surfa in sandy s inc soils lis hydric soil TERMIN Present? or waters of (with Inter "OTHER ary High W ne on U.S	ice layer in sandy soil oils st s.list st s.li	esent? (for N es, complete bottom of form)  de for rewaining  lsolated (non-jurisdictional)
Hydrophy is this po Remarks  ACOE J  G Adjace Explain: Indicato D Define Feature G Peren G Natura Remarks	Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion ric vegetatil Int within a se:  I to to  I	edon or ture regime conditions s on present? wetland? Y  ALUATION  Bank on: Intermitten	Y or NO or NO is the or NO is t	Gleyed High org Organic Listed o Listed o Other WE Wetland s point with Vaters  Vaters  DRES DES Dur Temeral inage	or low-chroganic contestreaking in local hydrology in an "Other ACOE JUF    Solution   Solution	ma colors ant in surfa in sandy s in coils lis hydric soil TERMINA Present?  TERMINA  TERMINA Present?  TERMINA PRESENT.  TERMINA TERMIN	ice layer in sandy soil oils st s.list  esent? (for N es, complete bottom of form)  de for rewaining  lsolated (non-jurisdictional)	

DATA	FORM: R	OUTINE WE	TLAND D	ETERMIN	ATION	Comm. II	D: Opland		Plot ID: <u>PP 6</u>
	Site: Le							_	Date: 11 April 2005
Applican	t/Owner:	BOR/USF	<u>-5</u>				<u></u>	_	County: Trivity State: California
Investiga	itor(s):		W C. Bogg	8					State: California
Do norm	al circumsta	ances exist c	on the site?	Y or N	Explain: _	Phi	te 18		
		tly disturbed			1 OIO				·
is the are	aa a potenti	al problem a VEGET		Ψ		T		HYDRO	DLOGY
····		VEGE	ATION			Q	Recorded Data		
1			,				stream, lake, or		
Domi	nant Plant	Species	Cover	Stratum	Indicator		aerial photograp		
4			75	5	NL	-	other		
2	1nothus c			1	1	la .	No Recorded d	ata avai	lable
	indolia 4	90255052	5	H	FACU	4		<u> </u>	
3. Ran	unculus a	accidentalis	5	1-1	FACU		servation:		
•	a bulbasa		5	Н	NL	Depth of	Surface Water:		<u>Jove (in.)</u>
·			5			Depth to	Free Water in F	Pit:	Nane (in.)
<u></u>	vanthis.			H	1 ~1	1 -	Saturated Soil:		
6. Tae	nio therun	medusae	5	1+	NL	Depui to			
7.						1	Wetland	d Hydro	logy Indicators
8.						P	rimary indicators		Secondary Indicators
9.						☐ inundated			O oxidized root channels in upper 12"
<u></u>				<u> </u>	ļ		in upper 12 "		water-stained leaves
10.					1	water ma			☐ local soil survey data ☐ FAC-neutral test
Percent of	dominant spec	ies that are OBI	, FACW or F	AC 0/1= (	2%	☐ sediment	t deposits		O other (explain in remarks)
				<del></del>		C) drainage Remarks:	patterns in wetlands	8	
Remarke:	To Ch.	+ by	lv . 1 -1-	- <del>1</del> م ما،		1	[	. 1 /2	educategy inclinator.
i -	<u> ~17501717</u> 1	ient hyd	יו איוש סוי	z Segali	TIBUL	904-	hinent wetle	nd "y	in and the second second
-					SC	DILS			
Map Uni	t Name (Se	ries and Pha	se): 351	- xero			1er Wassi	7880C.	Drainage Class:
Тахопоп	ny (Subgrou	up):				0%	Slope		Field Observations Confirm
Hydric S	tatus on NF	RCS Field Of	fice List: _				- , -		Mapped Type? Y N UNK
Hydric S Depth		RCS Field Of Metrix Color	Mottle		ottie	Texture, C	oncretions, Struct	ure, Etc.	
Depth	Horizon	Metrix Color	Mottle Colors	Abundano	ce/contrast	Texture, C	oncretions, Struct	ure, Etc.	Remarks:
	Horizon	Matrix Color 7-54P	Mottle Colors		ce/contrast		oncretions, Struct		Remarks: Sufficient hydric
Depth O-リ'	Horizon	Matrix Color 7-54P	Mottle Colors	Abundano ~/	A A	50.	ndy loom		Remarks:
Depth	Horizon	Metrix Color	Mottle Colors	Abundano	A A	50.			Remarks: Sufficient hydric
0-4" 4-12"	Horizon	7-54e46	Mottle Colors ~/A ~/A	Abundano	A A	52. Sandy	118 2 114 103		Remarks: Sufficient hydric
Depth  O-4"  4-12"  Hydric S	Horizon	7-54e46	Mottle Colors ~/A ~/A	Abundance Abunda	A A alpha-alph	Sandy Sandy	nely loam gravery loa		Remarks: Sufficient hydric
Depth  O-4"  4-12"  Hydric S	Horizon  Horizon  Indicator  Histosol	Hetrix Color 7-54PL 2.544/1	Mottle Colors  ~/A  ~/A	Abundance  ~//  Positive Gleyed	A  A  alpha-alphor low-chro	Sandy na dipyridy	nely loam gravery loa	Les .	Remarks: Sufficient hydric
Depth	Horizon	Hetrix Color 7-5 Ye <sup>4</sup> / <sub>6</sub> 2.5 Y <sup>4</sup> / <sub>1</sub> 2.5 Y <sup>4</sup> / <sub>1</sub>	Mottle Colors ~/A ~/A	Positive Gleyed e High org	A  A  alpha-alphor low-chro	Sandy Sandy na dipyridy oma colors ent in surfa	ndy leam gracely lea litest suce layer in sand	Les .	Remarks: Sufficient hydric
Depth	Horizon  Oil Indicator Histosol Histle Epip Sulfidic ode Aquic mois	# # # # # # # # # # # # # # # # # # #	Mottle Colors  N/A  N/A	Positive Gleyed High org Organic Listed o	alpha-alphor low-chroganic contestreaking in local hyd	Sandy  a dipyridy  ma colors  ent in surfa  in sandy s  iric soils lis	ndy leam gracelly lea I test suce layer in sand oils	Les .	Remarks: Sufficient hydric
Depth  O-4 ' 4-12'  Hydric S  O	Horizon  Oil Indicator Histosol Histlc Epip Sulfidic ode Aquic mois Reducing of	# ## ## ## ## ## ## ## ## ## ## ## ## #	Mottle Colors  N/A  N/A	Positive Gleyed High org Organic Listed o	A A A A A A A A A A A A A A A A A A A	Sandy  a dipyridy  ma colors  ent in surfa  in sandy s  iric soils lis	ndy leam gracelly lea I test suce layer in sand oils	Les .	Remarks: Sufficient hydric
Depth	Horizon  Oil Indicator Histosol Histle Epip Sulfidic ode Aquic mois	# ## ## ## ## ## ## ## ## ## ## ## ## #	Mottle Colors  N/A  N/A	Positive Gleyed High org Organic Listed of Other	alpha-alphor low-chroganic contestreaking in local hydronal	sadipyridy oma colors ont in surfa in sandy s iric soils lis hydric soll	ndy leam gracelly lea  It test s ace layer in sand oils st s list	Les .	Remarks: Sufficient hydric
Depth	Horizon  Histosol Histlc Epip Sulfidic od Aquic mois Reducing of Concretion	# ## ## ## ## ## ## ## ## ## ## ## ## #	Mottle Colors  //A  //A	Positive Gleyed e High org Organic Listed or Listed or Other	alpha-alphor low-chroganic contestreaking in local hydronalic transport of the contest of the co	sadipyridy oma colors ont in surfain sandy siric soils lishydric soil	ndy /eam gracelly /ea  Itest s ace layer in sand oils st s list	dy soil	Remarks: Sufficient lyadic Soil indicator.
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Hydric S  Hydrophils this po	Horizon  Horizon  Historol  Histosol  Histlc Epip  Sulfidic ode  Aquic mois  Reducing of  Concretion  ytic vegetationt within a	### A SYELL 2.5 Y = 1/1   2.5	Mottle Colors    // A  // A	Positive Gleyed High org Organic Listed or Listed or Other WE Wetland	alpha-alphor low-chroganic contestreaking in local hydronal	fandy  a dipyridy  ma colors  ent in surfa  in sandy s  iric soils lis  hydric soll  TERMIN/  Present?(	giacelly leading leadi	dy soil	Remarks: Sufficient lyadic Soil indicator.
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Hydric S  Hydrophils this po	Horizon  oif Indicator Histosol Histle Epip Sulfidic od Aquic mois Reducing of Concretion  ytic vegetation stimum a	### Color  1-5 Ye ** Color  2-5 Ye ** Co	Mottle Colors   // A  // A  SX  D  O  O  Y or (N) is this	Positive Gleyed e High org Organic Listed o Listed o Other WE' Wetland	alpha-alphor low-chroganic contestreaking in local hydronogynin an "Other	sandy sandy sand sandy sandy soils lis hydric soil  TERMIN/ Present?(er waters of	giacelly leading leadi	dy soil	Remarks:  Sofficient hydric  Soil indicator.  sont? (Dor N
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Hydric S  Hydrophils this po	Horizon  Oil Indicator Histosol Histle Epip Sulfidic od Aquic mois Reducing of Concretion  ytic vegetation stimum a	### Color  1-5 Ye ** Color  2-5 Ye ** Co	Mottle Colors   // A  // A  SX  D  O  O  Y or (N) is this	Positive Gleyed of High org Organic Listed of Listed of Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronal TLAND DE Hydrology in an "Other	ra dipyridy oma colors ont in surfain sandy siric soils lishydric soil	placelly los  placelly los  placelly los  placelly los  place layer in sand  coils  st  st  st  st  st  the the the the the the the the the the	dy soil	Remarks:  Sofficient hydric  Soil indicator.  sont? (Dor N
Hydric S  Hydroph Is this po	Horizon  Horizon  Horizon  Historia  Histosol  Histlic Epip  Suffidic ode  Aquic mois  Reducing of  Concretion  ytic vegetation  ytic vegetati	# Hetrix Color  1-5 Yell  2-5 Yell  2-5 Yell  2-5 Yell  2-5 Yell  are regime conditions  sture regime conditions  start and olyta	Mottle Colors   // A  // A  SX  D  O  O  Y or (N) is this	Positive Gleyed of High org Organic Listed of Listed of Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronogynin an "Other	ra dipyridy oma colors ont in surfain sandy siric soils lishydric soil	placelly los  placelly los  placelly los  placelly los  place layer in sand  coils  st  st  st  st  st  the the the the the the the the the the	dy soil	Remarks:  Sofficient hydric  Soil indicator.  sont? (Dor N
Hydric S  Hydroph Is this po	Horizon  Horizon  Horizon  Histori  Aquic mois  Reducing of  Concretion  ytic vegetati  oint within a  s:  Uplan  urisdiction	Hetrix Color  7-5 Yell  2-5 Yell  2-5 Yell  2-5 Yell  2-5 Yell  ars:  edon  or  sture regime conditions  as  on present?  wetland? Yell  of 2+2	Mottle Colors  N/A  N/A  O  St  O  O  O  O  O  O  O  O  O  O  O  O  O	Positive Gleyed of High org Organic Listed or Listed or Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other ACOE JUI	ra dipyridy ma colors ont in sundy siric soils lishydric soils lishydric soil	gracelly los  gr	dy soil	Remarks:  Sofficient hydric  Soil indicator.  sent? (Dor N  19, complete bottom of form)
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DATA FORM: ROUTINE WI	ETLAND D	ETERMIN	AHUN	Comm. ID: Kipanan Wella	
Project/Site:	1				Date: 11 April 2005
Applicant/Owner: BOR /US	F 5				County: Trimity
Investigator(s):	C. Bogo			·	State: California
Do normal circumstances exist of	on the site?			Pholo 19	
Is the site significantly disturbed			Y or NO _		<del> </del>
Is the area a potential problem a		<u>N)</u>		HVOR	01.007
VEGET	ATION		T		OLOGY
	į	İ		Recorded Data (Descr	
Daminast Blant Species		<b>04</b>	ludlania.	stream, lake, or tide ga	luye
Dominant Plant Species	Cover	Stratum	Indicator	other	
1. Golix exigua	40	5	OBL		
2. Rubus discolor	30	5	FACW	☐ No Recorded data ava	ilable
3. El		H	FACU	Field Observation:	
4. Boulder Krubble / girvel	20		T .	Depth of Surface Water:	None (in.)
Boulder/cubble/gravel	10	~/A	~/4		
5.	l			Depth to Free Water in Pit:	<u>√/4</u> (in.)
6.				Depth to Saturated Soil:	<i>~/H</i> (in.)
7.	<del>                                     </del>	<del></del>	<del>                                     </del>		ology Indicators
	<u> </u>	<del> </del>		Primary Indicators	Secondary Indicators
8.			<u> </u>		
9.				inundated seturated in upper 12 "	oxidized root channels in upper 12"  water-stained leaves
10.	<del></del>	-	<del> </del>	O water marks	E local soil survey data
1		<u>i</u>	<u>j.,</u>	Stdrift lines	EXFAC-neutral test
Percent of dominant species that are OB	L, FACW of F	AC <u>43= (</u>	26%	sediment deposits  drainage patterns in wetlands	O other (explain in remarks)
Remarks:		<del>,</del>		Remarks:	
Sufficient hydre	phytic	Vegetati	ou.	6. Showd notland	hydrology indicators
70 %114 (60(1) /	, , -	3			70.00
				DILS	
Map Unit Name (Series and Pha	ase): <u>35</u> /	-xC/0+	Juvent	5 - Kiver wash HSSOC.	Drainage Class:
Taxonomy (Subgroup):				O% Slope	Field Observations Confirm
	Mica Liet				
Hydric Status on NRCS Field O		Hydric		Taylor Consentions Streeting Etc.	Mapped Type? Y N UNK
Depth Horizon Matrix Color		Mo	ottle ce/contrast	Texture, Concretione, Structure, Etc.	Remarks:
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	Mottle	Mo	ottle	Texture, Concretione, Structure, Etc.	Remarks: No pit dy Tao.
	Mottle	Mo	ottle	Texture, Concretione, Structure, Etc.	Remarks:
	Mottle	Mo	ottle	Texture, Concretione, Structure, Etc.	Remarks: No pit dy Tao. rocky.
	Mottle	Abundano	ottie ce/contrast		Remarks:  No pit dy Tao.  rocky.  Sufficient hydric
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Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Remarks: Data point man frequented flooded. Location within 0 h  ACOE Jurisdiction: Adjacent to Waters	Mottle Colors  (Y) or N or N Is thinks point  Riporion  WM obstary to V  OF FEAT	Positive Gleyed of High org Organic Listed of Listed of Other Wetland Spoint with Wetland Wetl	alpha-alphor low-chroganic contest streaking in local hydrology hin an "Othe ACOE JUI	and dipyridyl test and colors ant in surface layer in sandy soil an sandy soils arc soils list atly flooded TERMINATION Present? Yor N Hydric Soils Present waters of the U.S."? Yor N Jiff you a hame lis present ariadics try in middled RISDICTION If (with Interstate Commerce)	Remarks:  No pit day Tao.  rocky.  Sufficient hydric  soils indicators.  sent? For N es, complete bottom of form)  t due to being due to elevation and sland).  [] Isolated (non-jurisdictional)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Remarks: Data point ware frequented flooded. Location within 0 to ACOE Jurisdiction: Adjacent to Waters Tri Explain:  EVALUATION Indicators: Defined Bed and Bank Feature Designation: Perennial Intermitten Natural Drainage I A	Mottle Colors  (Y) or N or N Is thinks point  Riporion  WM obstary to V  OF FEAT	Positive Gleyed of High orgonic Listed of Other Wetland is point with where we flow of the wetland of the wetla	alpha-alphor low-chroganic contest streaking in local hydrology in national light an "Other ACOE JUI	and dipyridyl test ama colors ant in surface layer in sandy soil an sandy soils arc soils list artly flooded TERMINATION Present? Yor N Hydric Soils Present waters of the U.S."? Yor N jif you are harmed is present ariadically in middled are (i.e., we tigned in RISDICTION If (with Interstate Commerce) "OTHER WATERS OF THE UN ary High Water Mark Mapped	Remarks:  No pit day Tao.  rocky.  Sufficient hydric  soils indicators.  sent? For N es, complete bottom of form)  t due to being due to elevation and sland).  [] Isolated (non-jurisdictional)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland?  Remarks: Data point way frequented flooded. location within 0 h  ACOE Jurisdiction: Adjacent to Waters EVALUATION Indicators: Defined Bed and Bank Feature Designation: Perennial Intermitten	Mottle Colors  OF FEAT	Positive Gleyed of High orgonic Listed of Other Wetland is point with where we flow of the wetland of the wetla	alpha-alphor low-chroganic contest streaking in local hydrology in national light an "Other ACOE JUI	and dipyridyl test ama colors ant in surface layer in sandy soil an sandy soils aric soils list artly flooded TERMINATION Present? Yor N Hydric Soils Present waters of the U.S."? Yor N fifty  who ame I is present ariadically in middled are (i.e., we tigad in all (with Interstate Commerce)  "OTHER WATERS OF THE UN ary High Water Mark Mapped are on U.S.G.S. Topographic Map	Remarks:  No pit day Tao.  rocky.  Sufficient hydric  soils indicators.  sent? For N es, complete bottom of form)  t due to being due to elevation and sland).  [] Isolated (non-jurisdictional)

j DATA	A FORM: ROUTINE W	ETLAND D	ETERMIN	ATION	Comm. ID: Upland	Plot ID: <u>\\Dr8</u>
Project/S	Site: Levister 1					Date: 11 April 2005
Applican	nt/Owner: <u>BoR/∪</u>	5F5				County: Trivity
	ator(s):	C. Bogo			7	State: California
	nal circumstances exist				Photo 19	
	te significantly disturberea a potential problem			ַ עטיטי	· · · · · · · · · · · · · · · · · · ·	
15 tite at		TATION	<u></u>		HYDF	ROLOGY
		T	T	ļ	Recorded Data (Desc	
			İ	l	stream, lake, or tide g	
	inant Plant Species	Cover	Stratum	Indicator	aerial photographs	
1. 62	lix exigua	20	5	OPL	other	
2. 7	Pubus discolor	20	5	FACUT	□ No Recorded data av	ailable
		25	H	FATU	Field Observation:	•
4.	Ymis glaves	<del>,</del>	1	1	Depth of Surface Water:	None (in.)
<del></del>	rames tectorum	20	H	NL	i ·	
<b>5</b> .	tus micronthus	10	1-1-	NL	Depth to Free Water in Pit:	
10	der/cobble/giavel	5	NA	NA	Depth to Saturated Soil:	<i>/A</i> (in.)
7.	, , , , , , , , , , , , , , , , , , , ,				Wetland Hydr	ology Indicators
8.		+	<del> </del>	<u> </u>	Primary Indicators	Secondary Indicators
9.		1		<u> </u>		Oxidized root channels in upper 12"
					🗇 saturated in upper 12 "	□ water-stained leaves
10.			1		☐ water marks ☐ drift lines	Slocal soil survey data  FAC-neutral test
Percent of	dominant species that are Ol	BL, FACW of F	AC 2/1/2	50%	☐ sediment deposits	Other (explain in remarks)
Remarks:			7 7	- , 0	drainage patterns in wetlands Remarks:	
	or the contract	/ nh				1
-24	asufficient hydrog	on your de	BETATION	A .	Insufficient wetland	hydrology inclicators.
				SC	OILS	
Map Uni	it Name (Series and Ph	ase): 35 /	- Xerot	TUVENTS	- KING WAS HOSUC,	Drainage Class:
Taxonor	ny (Subgroup):		. ( . (		Or Slope	Field Observations Confirm
(Hydric S	Status on NRCS Field C	Office List:	Hxdri		•	IManned Type? V NI IINK
					Taylor Carantiana Structure Fto	Mapped Type? Y N UNK
Depth	Horizon Matrix Colo		, Mo	ottle ce/contrast	Texture, Concretions, Structure, Etc	Remarks:
		r Mottle	, Mo	ottle	Texture, Concretions, Structure, Etc	Remarks:
		r Mottle	, Mo	ottle	Texture, Concretione, Structure, Etc	Remarks:
		r Mottle	, Mo	ottle	Texture, Concretions, Structure, Etc	Remarks:  No pitay. Too  rocky.
Depth	Horizon Matrix Colo	r Mottle	Abundano	ottle ce/contrast		Remarks:  No pitay. Too  rocky.
Depth Hydric S	Horizon Matrix Colo	Mottle	Abundance	ottle ce/contrast alpha-alph	a dipyridyl test	Remarks:  No pit dy. Too  rocky.  Sufficient hydrin
Depth Hydric S	Horizon Matrix Colo  Matrix Colo  Matrix Colo  Indicators:  Histosol	Mottle	Positive Gleyed	alpha-alphor low-chro	a dipyridyl test ma colors	Remarks:  No pitay. Too  rocky.
Hydric S	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon	Mottie	Positive Gleyed of High org	alpha-alphor low-chroganic conte	a dipyridyl test ma colors nt in surface layer in sandy soil	Remarks:  No pit dy. Too  rocky.  Sufficient hydrin
Hydric S	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor	Mottie	Positive Gleyed of High org Organic	alpha-alphor low-chroganic conte	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils	Remarks:  No pitaly. Too  rocky.  Sufficient hydrin
Hydric S	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions	Mottie	Positive Gleyed of High org Organic Listed or	alpha-alphor low-chroganic contestreaking in local hyd	a dipyridyl test ma colors nt in surface layer in sandy soil	Remarks:  No pit dy. Too  rocky.  Sufficient hydrin
Hydric S	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime	Mottie	Positive Gleyed of High org Organic Listed of Listed of Other	alpha-alphor low-chroganic contestreaking in local hydronal l	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit dy. Too  rocky.  Sufficient hydrin
Hydric S	Horizon Matrix Colo  Soil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions	Mottie Colors	Positive Gleyed of High org Organic Listed of Listed of Other	alpha-alphor low-chroganic contestreaking in local hydronal l	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit dy. Too  rocky.  Sufficient hydrin  soils indicator.
Hydric S	Horizon Matrix Colo  Soil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present?	Mottte Colors	Positive Gleyed of High org Organic Listed of Listed of Other WET	alpha-alphor low-chroganic contestreaking in local hydronal l	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or & Hydric Soils Pr	Remarks:  No pit dy. Too  rocky.  Sufficient hydrin  soils indirator.
Hydric S  G  Hydroph is this po	Horizon Matrix Colo  Coil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Sint within a wetland?	Mottte Colors	Positive Gleyed of High org Organic Listed of Listed of Other WET	alpha-alphor low-chroganic contestreaking in local hydronal l	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit dy. Too  rocky.  Sufficient hydrin  soils indirator.
Hydric S	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? pint within a wetland? Yes:	Mottte Colors	Positive Gleyed of High org Organic Listed of Listed of Other WE Wetland	alpha-alphor low-chroganic contestreaking in local hydronal local hydrologynin an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or D Hydric Soils Presents of the U.S."? Y or (1) (if y	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soils indicator.  resent? Oor N  res, complete bottom of form)
Hydric S  G  Hydroph is this po	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? pint within a wetland? Yes:	Mottte Colors	Positive Gleyed of High org Organic Listed of Listed of Other WE Wetland	alpha-alphor low-chroganic contestreaking in local hydronal local hydrologynin an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or & Hydric Soils Pr	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soils indicator.  resent? Oor N  rese, complete bottom of form)
Hydric S  G  Hydroph is this po	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? pint within a wetland? Yes:	Mottte Colors	Positive Gleyed of High org Organic Listed of Listed of Other WE Wetland	alpha-alphor low-chroganic contestreaking in local hydronal local hydrologynin an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or D Hydric Soils Presents of the U.S."? Y or (1) (if y	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soils indicator.  resent? Oor N  rese, complete bottom of form)
Hydric S  G  Hydroph is this po	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? pint within a wetland? Yes:	Mottte Colors	Positive Gleyed of High orgonic Listed or Other WE Wetlands point with	alpha-alphor low-chroganic contestreaking in local hydronogynin an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list hydric soils list TERMINATION Present? Y or D Hydric Soils Pror waters of the U.S."? Y or Officer	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soils indicator.  resent? Oor N  rese, complete bottom of form)
Hydric S  G  Hydroph is this po	Horizon Matrix Colo  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? ytic vegetation present? ytic vegetation present? S:  Upland data	Mottte Colors	Positive Gleyed of High orgonic Listed or Other WE Wetlands point with	alpha-alphor low-chroganic contestreaking in local hydronogynin an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or D Hydric Soils Presents of the U.S."? Y or (1) (if y	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soils indicator.  resent? Oor N  rese, complete bottom of form)
Hydric S  G  G  Hydroph Is this po  Remark	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  Optic vegetation present? Signification:  Upland data and and and and and and and and and an	Y or (1)  Y or (1)  Y or (2)  Y or (2)	Positive Gleyed of High org Organic Listed or Listed or Other WET	alpha-alphor low-chroganic contestreaking in local hydrology nin an "Other ACOE JUF	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list rydric soils list TERMINATION Present? Y or D Hydric Soils Pr or waters of the U.S."? Y or Officer RISDICTION	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soils indicator.  resent? Dor N  yes, complete bottom of form)
Hydric S  G G G Hydroph Is this po Remark	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic door Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Signification:  Upland data a	Mottte Colors	Positive Gleyed of High org Organic Listed or Listed or Other WET	alpha-alphor low-chroganic contestreaking in local hydrology nin an "Other ACOE JUF	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list hydric soils list TERMINATION Present? Y or D Hydric Soils Pror waters of the U.S."? Y or Officer	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soils indicator.  resent? Oor N  rese, complete bottom of form)
Hydric S  G  G  Hydroph Is this po  Remark	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic door Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Signification: Pland data a	Y or (N) is this	Positive Gleyed of High org Organic Listed of Other Wetlands point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other ACOE JUF	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or D Hydric Soils Providers of the U.S."? Y or Officer Waters of the U.S."? Y or Officer RISDICTION I (with Interstate Commerce)	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soil's indicator.  resent? Dor N  res, complete bottom of form)  I solated (non-jurisdictional)
Hydric S  G G G Hydroph Is this po Remark	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Sint within a wetland? Yes:  Upland data get  urisdiction: ent to Waters  TEVALUATION	Y or (N) is this	Positive Gleyed of High org Organic Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other ACOE JUF	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list rydric soils list TERMINATION Present? Y or D Hydric Soils Pr or waters of the U.S."? Y or Officer RISDICTION	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soil's indicator.  resent? Dor N  res, complete bottom of form)  I solated (non-jurisdictional)
Hydric S  Hydroph is this po  Remark  ACOE J  Adjact Explain:	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Sint within a wetland? Yes:  Upland data go urisdiction: ent to Waters  EVALUATION ors: ed Bed and Bank	Y or (N) is this	Positive Gleyed of High org Organic Listed of Listed of Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other ACOE JUF	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or D Hydric Soils Providers of the U.S."? Y or Officer Waters of the U.S."? Y or Officer RISDICTION I (with Interstate Commerce)	Remarks:  No pit dy. Too  rocky.  Sufficient hydn's  soil's indicator.  resent? Dor N  res, complete bottom of form)  I solated (non-jurisdictional)
Hydric S  G G Hydrophis this po Remark  ACOE J Adjace Explain:	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Sint within a wetland? Y s:  Upland data a  urisdiction: ent to Waters  EVALUATION  ors: ed Bed and Bank  Designation:	Y or N is this	Positive Gleyed of High org Organic Listed of Listed of Abundance Wetland Spoint with Fed of Vaters Vaters	alpha-alphor low-chroganic contest streaking in local hydrology in an "Other ACOE JUF	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list  TERMINATION Present? Y or D Hydric Soils Pr or waters of the U.S."? Y or Off RISDICTION  I (with Interstate Commerce) "OTHER WATERS OF THE Unity High Water Mark Mapped	Remarks:  No pit dy. Too  rocky.  Sufficient hydry  soils indicator.  esent? Oor N  res, complete bottom of form)  I Isolated (non-jurisdictional)
Hydric S  Hydroph is this po  Remark  ACOE J  Adjace Explain:  Indicato Define Perer	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Sint within a wetland? Yes:  Upland data a  urisdiction: ent to Waters  EVALUATION  ors: ed Bed and Bank  Designation: nnial Intermitter	Y or (N) is this	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in national law-chroganic an "Other Hydrology in an "Other Isolated IGNATED Isolated IGNATED Isolated IGNATED Isolated IGNATED Isolated IGNATED Isolated IGNATED	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or D Hydric Soils Pr or waters of the U.S."? Y or Off  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE Unity High Water Mark Mapped ne on U.S.G.S. Topographic Ma	Remarks:  No pit dy. Too  rocky.  Sufficient hydry  soils indicator.  esent? Oor N  res, complete bottom of form)  I Isolated (non-jurisdictional)
Hydric S  Hydroph is this po  Remark  ACOE J Adjace Explain:  Indicato Define Perer Nature	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Sint within a wetland? Yes:  Upland data and service and Bank  Designation: Intermitter Tal Drainage	Y or N is this	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland s point with	alpha-alphor low-chroganic contest streaking in local hydrology in an "Other ACOE JUF	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or D Hydric Soils Pr or waters of the U.S."? Y or Off  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE Unity High Water Mark Mapped ne on U.S.G.S. Topographic Ma	Remarks:  No pit dy. Too  rocky.  Sufficient hydry  soils indicator.  esent? Oor N  res, complete bottom of form)  I Isolated (non-jurisdictional)
Hydric S  Hydroph is this po  Remark  ACOE J  Adjace Explain:  Indicato Define Perer	Horizon Matrix Color  Goil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  ytic vegetation present? Sint within a wetland? Yes:  Upland data and service and Bank  Designation: Intermitter Tal Drainage	Y or (N) is this	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in national law-chroganic an "Other Hydrology in an "Other Isolated IGNATED Isolated IGNATED Isolated IGNATED Isolated IGNATED Isolated IGNATED Isolated IGNATED	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or D Hydric Soils Pr or waters of the U.S."? Y or Off  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE Unity High Water Mark Mapped ne on U.S.G.S. Topographic Ma	Remarks:  No pit dy. Too  rocky.  Sufficient hydry  soils indicator.  esent? Oor N  res, complete bottom of form)  I Isolated (non-jurisdictional)

DATA FORM: ROUTINE W	ETLAND D	ETERMIN	ATION	Comm. ID: Perenviz 1 Stre	Plot ID: DP9
Project/Site: Leuiston	1				Date: 11 April 2005
Applicant/Owner: BOR /US	FS				County: Thinky
Investigator(s):  Do normal circumstances exist	C. Bogg	S			State: California
Do normal circumstances exist	on the site?	Y Or N	Explain: _	Photo 20	· · · · · · · · · · · · · · · · · · ·
is the site significantly disturbed			Y Orany _		<del></del>
Is the area a potential problem a	ATION	<u> </u>		HYDR	OLOGY
VEGE	ATION		1	Recorded Data (Descr	
	1		Ì	stream, lake, or tide ga	
Dominant Plant Species	Cover	Stratum	Indicator	aerial photographs	]
	i	NIA	N/A	other	
Flowing Water	(00	1		☐ No Recorded data ava	ilable
780100(710011072120	20	MA	~/A_	Field Observation:	
3. Galix exigua	10	5	OBL	1	17 (-)
4. Alnus rhambifolia	10	T	OBL	Depth of Surface Water:	
5.				Depth to Free Water in Pit:	<u>∼/A</u> (in.)
6.				Depth to Saturated Soil:/	<i>∨/A</i> (in.)
7.	<u>i</u>	<del> </del>			ology Indicators
	<u> </u>	ļ <u>.</u>	ļ	Primary Indicators	Secondary Indicators
8.		<u> </u>			
9.			į	inundated Disaturated in upper 12 "	O oxidized root channels in upper 12" O water-stained leaves
10.			<del>                                     </del>	Dwater marks	O local soil survey data
Percent of dominant species that are OB	E FACW or F	AC A//4	<u> </u>	Rdrift lines  R sediment deposits	☐ FAC-neutral test ☐ other (explain in remarks)
		, , ,		Skdrainage patterns in wetlands	
Remarks: Perennial steem	is unosely	devoid	of Jeg.	Remarks:	
except along banks and a				Sufficient wetland hy	rdiology indicators,
.3		· · · · · · · · · · · · · · · · · · ·		DILS	
Man I Init Name (Series and Ph	ase): 35/	- XP/sf	In Vents	River Wash ASSEC	Drainage Class:
HAIGH CHILL LAGITIC (COLLOS CILIO 1 1)			<u> </u>		
Taxonomy (Subgroup):		•		OF CLOSE	
Map Unit Name (Series and Ph Taxonomy (Subgroup):	ffice List: _	Hydric			Field Observations Confirm Mapped Type? Y N UNK
Taxonomy (Subgroup): Hydric Status on NRCS Field O Depth Horizon Matrix Color	ffice List:	Hydric	ottie	Texture, Concretions, Structure, Etc.	Field Observations Confirm
Hydric Status on NRCS Field O	ffice List: _	Hydric			Field Observations Confirm Mapped Type? Y N UNK Remarks:
Hydric Status on NRCS Field O	ffice List:	Hydric	ottie		Field Observations Confirm Mapped Type? Y N UNK  Remarks:  No Pid day Teo
Hydric Status on NRCS Field O	ffice List:	Hydric	ottie		Field Observations Confirm Mapped Type? Y N UNK  Remarks:  No Pid day, Teo  racky.
Hydric Status on NRCS Field O	ffice List:	Hydric	ottie		Field Observations Confirm Mapped Type? Y N UNK  Remarks:  No Pid day, Teo  rackey.
Hydric Status on NRCS Field O Depth Horizon Matrix Color	ffice List:	Hydric Mc Abundana	ottle ce/contrast	Texture, Concretions, Structure, Etc.	Field Observations Confirm Mapped Type? Y N UNK  Remarks:  No pid dug: Teo  rocky.  Frequently flooded
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DATA	FORM: R	OUTINE WE	ETLAND D	ETERMIN	ATION	Comm. IE	): (reland		Plot ID: DP 10
Project/S	ite: Lev	vieten 1						-	Date: 11 April 2025
Applicant	/Owner:	BOR/USF	5					- '	County: Trivity
Investigat	tor(s):		C. Bogg		Elain.	-1- old	20		State: California
		nces exist only disturbed			Explain: _	1 40 12	. <i>e.</i> u		
		al problem a							
10 410 410	a a potonia	VEGET						HYDRO	LOGY
				]			Recorded Data		
				1			stream, lake, or		uge
	nant Plant	Species	Cover	Stratum	Indicator		aerial photograp		
1. Poz	6-16052		30	H_	NL	_	other		
		1	20	<u> </u>  -	FAC	[C 1	No Recorded de	ata avai	lable
3.	odiczgo lu	7,016,00		1-1	i	Field Obs	ervation:		
4. LI	2013 -m D	ه ۲۲۲۸	20	<del></del>	NL	Depth of	Surface Water:	^	Jone (in.)
1,1	rech teldi	EMENT !	20	Н	NL		Free Water in P		
5. <sub>(e</sub>	bble/917.	iel	10	N/A	N/A				
6.						Depth to	Saturated Soil:	^	<u>J/A</u> (in.)
7.					1		Wetland	Hydro	logy Indicators
8.				<u> </u>		P	rimary Indicators		Secondary Indicators
9.				-	<del> </del>	inundated			O oxidized root channels in upper 12"
ช.						☐ saturated	in upper 12 "		☐ water-stained leaves
10.						☐ water mai	ks		Q local soil survey data  D FAC-neutral test
Percent of d	iominant speci	es that are OBI	, FACW or F	AC YU = 2	25%	3 sediment	deposits		O other (explain in remarks)
				7 1		☐ drainage :	patterns in wetlands		
Remarks:	ner Min	nd hydrog	1.756	west ation	la .		St a set	4. 1	hydrology indicators,
	からういっかといん	nyong	Jany	Oeda is in	v.		AKCIEWI WE	71740	myerrogy indicaters,
					SC	DILŞ		•	
Map Unit	Name (Ser	ries and Pha	ise): <u>35</u> 7	-xerof			Wash ASSO	$\overline{c}$	Drainage Class:
	ny (Subgrou					*	Ole Slope	_	Field Observations Confirm
Lilludric St	iatus on ND							_	
		CS Field Of		Hydric	441-	) Tautum C			Mapped Type? Y N UNK
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			Mottle	Mic		Texture, C	oncretions, Structu		Remarks: Sufficient hydric
			Mottle	Mic		Texture, Co	oncretions, Structu		Remarks: Sufficient hadric soils indicator.
			Mottle	Mic		Texture, Co	oncretions, Structu		Remarks: Sufficient hadric soils indicator.
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Applica	nt/Owner:	BOR/Pri	vate_					_ Co	unty: Trivity	_
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2. R	wex sali	ifalis	15	H	OBL	O No	Recorded da	ata availab	le	
10	pen Wat		45	N/A	N/A	Field Obser	vation:			
4.	Area war	C P	35	NA		Depth of Su	rface Water:	4	(in.)	
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6.					L	Depth to Sa	turated Soil:			
7.							Wetland	Hydrolog	y Indicators	
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10.						M. water marks M. drift lines			ocal soil survey data AC-neutral test	
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DATA	FORM: R	OUTINE WE	ETLAND D	ETERMINA	ATION	Comm. ID:	Plot ID: <u>PY_1</u> Z
Project/S	ite: <u>\</u>	روبنجامم	2				Date: 11 April 2005
Applicant	t/Owner:	BOR/Pr	ivete				County: 7 r w +
investiga	itor(s):		C. Bogg				State: California
		ances exist o				Photo ZI	<u> </u>
ls the site	e significam	tly disturbed	(atypical s	muation)? **	roren -		
is the are	ва а роцепш	al problem a		יוש	<del> </del>	HYDR	OLOGY
		VEGE1	AIION		·	Recorded Data (Descr	
				ĺ		stream, lake, or tide ga	
Domi	nant Plant	Species	Cover	Stratum	Indicator	aerial photographs	
-	umus dia		30	H	NL	O other	
- L-0.5					NL	□ No Recorded data ava	ailable
2.	pidium,	compestie	25	(-)			
3.	12 minum	discording	25	H	NL	Field Observation:	
4. Ho	edoun	مراجع الم	20	H	FAC+	Depth of Surface Water:	None(in.)
5.	d'	3 D J : S D - :		```	1,1,1	Depth to Free Water in Pit:	<u>^//A</u> (in.)
6.				<u>[</u>		Depth to Saturated Soil:	
					<u> </u>	1	
7.				•	<u>,                                    </u>		ology Indicators
8.				-		Primary Indicators	Secondary Indicators
9.					<del>  '</del> -	☐ inundated	i oxidized root channels in upper 12°
				<u></u>	ļ	☐ saturated in upper 12 "	□ water-stained leaves
10.			Į			☐ water marks ☐ drift lines	☑ local soil survey data ☐ FAC-neutral test
Percent of	dominant spec	les that are OB	L, FACW or F	AC 1/4 = 2	25%	☐ sediment deposits	foother (explain in remarks)
						drainage patterns in wetlands     Remarks:	<u> </u>
Remarks:	دد						
1 7	いるいしおことい	it hydro	phy-lic i	Jegic tathio	W e	I Insufficient wetla	nd hydrolyy indicators
				*	SC	DILS	
Map Unit	t Name (Se	ries and Pha	ase): 217	· Xerally		sweet complex, 0-58 stopes	Drainage Class: well
Taxonon	ny (Subgrou		St. o.ts	2 11 - 11 - 12 - 1		, , , , , , , , , , , , , , , , , , ,	
	ij (oasgios	<b>4P):</b>	21101011				Field Observations Confirm
	tatus on NR	RCS Field Of	ffice List: _	Hydric			Mapped Type?(Y) N UNK
	tatus on NR		fice List:	Mo	ttie	Texture, Concretions, Structure, Etc.	
Hydric S	tatus on NR	RCS Field Of	ffice List: _	Mo	ttie e/contrast	Texture, Concretions, Structure, Etc.	Mapped Type?(Y) N UNK Remarks:
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Hydric S	tatus on NR	RCS Field Of	fice List:	Mo		Texture, Concretions, Structure, Etc.	Mapped Type?(Y) N UNK Remarks:
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BOR CD	FG				County: Trivity
	C. Bogg	18		7/	State: California
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VEGET	AIION	Τ	T		
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nt Species	Cover	Stratum	Indicator		<b>53</b>
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53	5	H	NL	No Recorded data av	allable
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(754		1	1	Depth of Surface Water.	(în.)
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		ļ			
		1	İ		☐ oxidized root channels in upper 12" ☐ water-stained leaves
		<del> </del>	1	Mater marks	☑ tócal soil survey data
· · · · · · · · · · · · · · · · · · ·		10 11	<u> </u>	or drift lines	(FAC-neutral test
pecies that are OB	L, FACW or F	AC_ <i>A//A</i>	- ,		G other (explain in remarks)
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roup): <u> </u>	o-fluvents				Field Observations Confirm
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DATA FORM: ROUTINE W	ETLAND D	ETERMIN	ATION	Comm. ID: Upland	Plot ID: <u>&gt;P (1-)</u>
Project/Site: Lemston =					Date: 11 April 2005
Applicant/Owner: BoR /CD	FG				County: Trivity
Investigator(s):	C. Bogo		F ! - !	764 22	State: California
Do normal circumstances exist Is the site significantly disturbed				1600 22	
Is the area a potential problem a			10109		
	TATION			HYDR	OLOGY
	I			Recorded Data (Desci	ribe in Remarks)
<u> </u>				stream, lake, or tide ga	auge
Dominant Plant Species	Cover	Stratum	Indicator	aerial photographs	
1. Pop bulbasa	35	1 H	NL	□ other	
2. Trifolium hirtum	20	H	NL	☐ No Recorded data ava	iilable
3. Centaries felsifialis	1	f-J	NL	Field Observation:	
CENTRAL SOLEMAN	ł	<del> </del>	1	Depth of Surface Water:	None (in.)
THE STATE OF A	15	H	FAC	Depth to Free Water in Pit:	
5. Amsinckiz wenzein	10	H	NL	<b>.</b> .	•
6.				Depth to Saturated Soil:	<i>∞/A</i> (in.)
7.				Wetland Hydro	ology Indicators
8.	<del> </del>			Primary Indicators	Secondary Indicators
9.	<u> </u>	<del>                                     </del>	<u> </u>	inundated	O oxidized root channels in upper 12"
				saturated in upper 12 "	
10.	[			water marks     drift lines	☑ local soil survey data ☐ FAC-neutral test
Percent of dominant species that are OB	L, FACW or F	AC 0/2 =	20%	☐ sediment deposits	Other (explain in remarks)
Remarks:				C drainage patterns in wetlands Remarks:	<u> </u>
	1 1	الماميمة			I be deal of the day
Insufficient hydro	physic ,	Jegen Jr.	wa.	Linsulticient wetlan	d hydrology indiators.
		•	SC	DILS	
Map Unit Name (Series and Pho	ase): 217	- Xerollo	reits - Rive	rwash complex ,0-59, elopos	Drainage Class: ( いで)
Taxonomy (Subgroup): Xexo	Flyents			,	Field Observations Confirm
Hydric Status on NRCS Field O	ffice List: _	Hydric		Company of the Compan	Mapped Type? (🕅 N UNK
	ffice List:	Mo	ottie ce/contrast	Texture, Concretions, Structure, Etc.	Mapped Type? (Ý) N UNK
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Hydric Status on NRCS Field O  Depth Horizon Matrix Color  Hydric Soil Indicators:  Histosol Sulfidic odor	Mottie Colors	Positive Gleyed of High org Organic Listed of	alpha-alph or low-chro ganic conte streaking i n local hyd	na dipyridyl test ma colors nt in surface layer in sandy soil in sandy soils	Mapped Type? (8) N UNK Remarks:  No pit dy Too  tocky  5. Sticent hydrix
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Hydric Status on NRCS Field O  Depth Horizon Matrix Color  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regime Reducing conditions Concretions  Hydrophytic vegetation present? Is this point within a wetland? Y  Remarks:  ACOE Jurisdiction: Adjacent to Waters Trexplain:  EVALUATION  Indicators: Defined Bed and Bank  Feature Designation: Perennial Intermitten Natural Drainage A	Mottie Colore  Y or (1)  Y or (1)  State of the colore of	Positive Gleyed of High org Organic Listed of Listed of Listed of High org Other Wetland s point with Vaters  Vaters	alpha-alphor low-chroganic contestreaking in local hydrology in national last the streaking in local hydrology in an "Other ACOE JUF	and dipyridyl test ama colors ant in surface layer in sandy soil an sandy soils ric soils list  TERMINATION  Present? Y or Hydric Soils Present waters of the U.S."? Y or (If y  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Map	Mapped Type? (1) N UNK Remarks:  No pit dy Too  tocky  Solls and Lydeix Solls and Lydeix  seent? Cor N es, complete bottom of form)  I Isolated (non-jurisdictional)

DATA FORM: ROUTINE W	ETLAND D	ETERMIN	ATION	Comm. ID: Perennial Stream	m Plot ID: DP 15
Project/Site: Lewiston					Date: 12 April 2005
Applicant/Owner: BOR /CDF	G				State: California
nvestigator(s):	C. Bogo				State: California
Do normal circumstances exist				Photo 23	
s the site significantly disturbe			Y or (N)		
s the area a potential problem	TATION	(N)		HYDR	OLOGY
VEGE	TATION		<u> </u>	Recorded Data (Desc	
	1	į		stream, lake, or tide g	
<b>Dominant Plant Species</b>	Cover	Stratum	Indicator	aerial photographs	
1 -		1		O other	
1- Commerce (N/7-188)	70	NA	<u>  ~/A</u>	☐ No Recorded data ava	allabla
Cobble Grave 1 Band	10	NA	N/A		Madie
3. Alnus rhombildia	10	T	780	Field Observation:	
-	10	3	FACWY	Depth of Surface Water:	12 (in.)
Rybus disrelor	10	1 2	Trncw.	Depth to Free Water in Pit:	
	<u> </u>	<u> </u>	ļ	1 *	
5.		ļ		Depth to Saturated Soil:	<i>≻/A</i> (in.)
<i>7</i> .		1		Wetland Hydro	ology Indicators
3.		<del>i</del>	1	Primary indicators	Secondary Indicators
		<u> </u>	<u> </u>		<u> </u>
).			1	Xinundated A saturated in upper 12 "	☐ oxidized root channels in upper 12"  ☐ water-stained leaves
10.		<del>                                     </del>	<del> </del>	water marks	(X)local soil survey data
	N F44:	1	1	drift lines	D FAC-neutral test
ercent of dominant species that are Ol		•		(X sediment deposits  Q drainage patterns in wetlends	other (explain in remarks)
Romarks: Percennial Stream is	No called	d = -1		Remarks:	
		alebora.	, con	Lastinat walland	sydrology indigitors.
except along bank	<i>2.</i>				170101297
				DILS	
			work. Fi	remarks company 10-595 days	Drainage Class: (Ver)
axonomy (Subgroup):				· · · · · · · · · · · · · · · · · · ·	Field Observations Confirm
lydric Status on NRCS Field C		Hydric			Mapped Type? (7) N UNK
Depth Horizon Matrix Colo	Mottle Colors		ottle ce/contrast	Texture, Concretions, Structure, Etc.	Remarks:
		1		The state of the s	1 1/2 5 + 1 7.
			والمرابع والمربية المرابع والمسترون والمسترون والم		No pit day. Too
	Service Commence of the Commen				rocky was the man
		1			Frequently flooded
lydric Soil Indicators:	<del>'</del>	Positive	alnha-alnh	na dipyridyl test	1 ' ' '
3 Histosol	ö		or low-chro		(peremoist flow)
J Histic Epipedon	ō			ent in surface layer in sandy soil	1 '
Sulfidic odor	ā			in sandy soils	So Wiriand byday
Aquic moisture regime				ric soils list	Solls indications.
Reducing conditions	<u> </u>		n national	hydric soils list	Land wallaters
Concretions	Ø	Other	trea.	ntly flooded	
			TLAND DE	TERMINATION	
ydrophytic vegetation present?		Wetland	Hydrology	Present? or N Hydric Soils Present?	esent? Øor N
this point within a wetland? Y	or N Is thi	s point with	nin an "Oth	er waters of the U.S."? (Por N (If y	es, complete bottom of form)
lemarks:					
Trinity River	15 0	Perchai	21 5418	am	
, , , ,	ŕ	1			
			ACOE JUI	RISDICTION	
Adjacent to Waters T	ributary to V	Vaters	☐ Isolated	d (with Interstate Commerce)	☐ Isolated (non-jurisdictional)
J Adjacent to Waters		• • • • • • • • • • • • • • • • • • • •		· ·	
J Adjacent to Waters		• • • • • • • • • • • • • • • • • • • •		(with Interstate Commerce)  "OTHER WATERS OF THE UN	
Adjacent to Waters Txplain:  EVALUATION adjicators:	OF FEAT	JRES DES	SIGNATED	"OTHER WATERS OF THE UN	
Adjacent to Waters Txplain:  EVALUATION  Indicators:  Defined Bed and Bank		JRES DES	SIGNATED	· ·	· · · · · · · · · · · · · · · · · · ·
Adjacent to Waters Tixplain:  EVALUATION Indicators:  Defined Bed and Bank eature Designation:	OF FEATU	JRES DES	Ordina	"OTHER WATERS OF THE UN	ITED STATES"
EXPLIANTION  Addicators:  Defined Bed and Bank  eature Designation:  Perennial Intermitter	Sco	JRES DES	Ordina	"OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Map	ITED STATES"
Adjacent to Waters Txplain:  EVALUATION Indicators: Defined Bed and Bank Eature Designation: Perennial Intermitter Natural Drainage I A	OF FEATU	JRES DES	Ordina	"OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Map	ITED STATES"
Adjacent to Waters Txplain:  EVALUATION  Indicators:  Defined Bed and Bank  Eature Designation:  Perennial Intermitter	Sco	JRES DES	Ordina	"OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Map	ITED STATES"
Adjacent to Waters To Kplain:  EVALUATION  dicators:  Defined Bed and Bank  ature Designation:  Perennial Intermitter  Natural Drainage I A	Sco	JRES DES	Ordina	"OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Map	ITED STATES"

DATA	FORM: R	COUTINE WI	ETLAND D	ETERMIN	ATION	Comm. ID: Upland	Plot ID: <u>DP_16</u>
Project/S	Site:e	wiston 4					Date: 12 April 2005
		BOR /CI	>FG				County: Trivily
Investiga			C. Bogo		Finisia	Photo 23	State: California
		ances exist of the contract of			Explain:	14018 73	
		ial problem a			- 0.00		
io dio di	ou a potoriti	VEGET				HYDF	ROLOGY
				<u> </u>	T	Recorded Data (Desc	ribe in Remarks)
				İ	1	stream, lake, or tide g	auge
Domi	nant Plant	Species	Cover	Stratum	Indicator	aerial photographs	
1. Pu	ous disra	slor	30	5	FACUN	other	
2. Pos	a bolbos	5.2	30	H	NL	☐ No Recorded data av	ailable
_		rys fuluus		14	NL	Field Observation:	
3-10				-		Depth of Surface Water:	None (in.)
	pinus b		15	1-1	NL	, ·	
	Schalzia	californica	5	H	NL	Depth to Free Water in Pit:	
6.					į	Depth to Saturated Soil:N	
7.		-				Wetland Hydr	ology Indicators
8.				<del>                                     </del>	<u> </u>	Primary Indicators	Secondary Indicators
					<u> </u>	☐ inundated	Oxidized root channels in upper 12"
9.						saturated in upper 12 "	☐ water-stained leaves
10.						☐ water marks ☐ drift lines	Ø local soil survey data ☑ FAC-neutral test
Percent of	dominant spec	ies that are OB	L, FACW or F	AC 1/223	35%	☐ sediment deposits	O other (explain in remarks)
Remarks:					. ()	drainage patterns in wetlands Remarks:	<u></u>
1	<b></b>	o 3. 1	1 .				hydrology indirators.
-1-	UTU. Here	out hydro	o but Atte	AGO SO	0.50	IN 5019121611 Way 1842	117211010gy (112112) 1013.
						DILS	
Map Unit	t Name (Se	ries and Pha	ise): 21-	7 - Xeroll	lusput- R	Jewash Complex, 0-5%	Drainage Class: well
Taxonon	ny (Subgrou	up): <u> </u>	10-1100x0	45		<u> </u>	Field Observations Confirm
I HUMAN N							
		RCS Field Of		Hydric		Toytura Constrations Structura Etc	Mapped Type? O N UNK
		Matrix Color		Mo	ottle ce/contrast	Texture, Concretions, Structure, Etc.	Remarks:
Depth	Horizon	Matrix Color	Mottle Colors	Abundano	ottie ce/contrast		Remarks:
	Horizon		Mottle Colors	Mo	ottie ce/contrast	Texture, Concretions, Structure, Etc	Remarks:
Depth	Horizon	Matrix Color	Mottle Colors	Abundano	ottie ce/contrast		Remarks:
Depth 6-12"	Horizon	Matrix Color	Mottie Colors	Abundand	ottle ce/contrast	Copply gravelly sand	Remarks:
Depth  6-12	Horizon oil Indicator	Matrix Color	Mottie Colors	Abundand	ottle ce/contrast ( alpha-alph	Copply gravelly sand	Remarks:
Depth  6-(2')  Hydric S	Horizon  Oil Indicator Histosol	Matrix Color	Mottle Colors ~/A	Abundand  Abundand  Positive Gleyed	ottle ce/contrast ( alpha-alph or low-chro	a dipyridyl test	Remarks:
Depth  6-(2')  Hydric S	Horizon  oil Indicator Histosol Histic Epipe	Matrix Color	Mottle Colors  ~/A	Positive Gleyed e High org	alpha-alphor low-chro	a dipyridyl test ma colors nt in surface layer in sandy soil	Remarks:
Depth  6-(2"  Hydric S	oil Indicator Histosol Histic Epipe Sulfidic ode	Matrix Color 10 Y/2 4/2 section	Mottle Colors  ~/A	Positive Gleyed of High org Organic	alpha-alphor low-chroganic conte	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils	Remarks:
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DATA	A FURM: K	OUTINE AND	EILAND D	ETERMIN	AHON	Comm. ID: Percunial Stre	
Project/S	Site: Lew	istor 3	,				Date: 12 April 2005
	t/Owner:		DFG				County: Trivily
	ator(s):		C. Bogg		Franksin.	Pholo 24	State: California
Do nom	at circumsta e significant	Inces exist (	on the site?	(A'OLIA	Explain: _	P1018 2-1	· · · · · · · · · · · · · · · · · · ·
	ea a potentia				1 DI (G)		
is the thi	oz a poternic	VEGET				HYDR	OLOGY
					1	Recorded Data (Descr	
				İ	l	🥤 🗇 stream, lake, or tide ga	auge
Domi	nant Plant	Species	Cover	Stratum	Indicator		
1. Fla	oning Wat	ler	65	w/A	N/A	□ other	
2. 1	nus rhom	د السال	10	-	OBL	☐ No Recorded data ava	ilable
						Field Observation:	
78	lik laside		(0	5	FACW	Depth of Surface Water:	217 (in)
4. R	bus disco	duc	10	5	FACW*	•	
	incus el		5	H	OBL	Depth to Free Water in Pit:	
6.		1070.7				Depth to Saturated Soil:	<i>~/A</i> (in.)
7.				<u> </u>	<del> </del> -		ology Indicators
	<del></del>			<u> </u>	<del> </del>	Primary Indicators	Secondary Indicators
8.				Ì	<u> </u>	L	<u></u>
9.			-			EXinundated Existurated in upper 12 "	Oxidized root channels in upper 12"  water-stained leaves
10.					<del>                                     </del>	Water marks	Clocal soil survey data
				100	<u> </u>	Ø drift lines	☐ FAC-neutral test
Percent of	dominant specie	es that are OBI	L, FACW of FA	AC <i>//</i> /4	-	☐ sediment deposits ☐ drainage patterns in wetlands	other (explain in remarks)
Remarks:	Perpunial.	11.02 is	marille.	denial	a Jea	Remarks:	
				arvaice a	3,	Sufficient wetland	hydrology indirators
exte	pt along	bours.				•	7, 37
	4 Name (Car	to a seed Dha			SC	DILS	IDecinors Class 1 / / 1
Map Uni	t Name (Ser ny (Subgrou	tes and Pha	ise): <u>//</u>	· Xera Th	udents - Mi	triwish complex, 0-5% slepes	Field Observations Confirm
				<u> </u>			
THYONG S	tatus on NR	CS Field Of	fice List:	In whi			
Depth		CS Field Of Matrix Color	Mottie		ttle	Texture, Concretions, Structure, Etc.	Mapped Type? 60 N UNK
				Mo		Texture, Concretions, Structure, Etc.	Mapped Type? & N UNK Remarks:
			Mottie	Mo	ttle	Texture, Concretions, Structure, Etc.	Mapped Type? & N UNK Remarks:
			Mottie	Mo	ttle	Texture, Concretions, Structure, Etc.	Mapped Type? 60 N UNK Remarks:  No pit alog Consensy
			Mottie	Mo	ttle	Texture, Concretions, Structure, Etc.	Mapped Type? 60 N UNK Remarks:  No pit day, Consensy included Too
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DAIA	FORM: R	OUTINE WE	TLAND D	ETERMIN	AHON	Comm. ID:	Upland	Plot ID: DP &
Project/S	Site: Les	virton 3						Date: 12 April 2005
Applican	t/Owner:	BOR / CDi	' <del>(</del> α					County: Trivity
Investiga			C. Bogo					State: California
		ances exist o			Explain: _	Photo	24	
		tly disturbed al problem a			Y Or (N)	·		
is the are	ea a potenti	VEGET		Ŋ/		Γ	HYDR	OLOGY
		VLOL.	AIIVII		Υ	ξ¥ Re	corded Data (Desci	
			·	Ì			eam, lake, or tide ga	
Domi	nant Plant	Species	Cover	Stratum	indicator		rial photographs	i
	is sebinie		10	T	NL	☐ oth	ner	
2.	12 1 1	23.2	15	5	i	ID No	Recorded data ava	ailable
	12 175jel	16212		5	FACW	Field Obser	vetion:	
<u> </u>	bus dis		6.5	<del></del>	FACW*			
4. Pos	bulbosa		10	<u>H</u> _	NL	1 '	ırface Water:	-
5.						Depth to Fre	ee Water in Pit:	<u>, // / /                              </u>
6.					Ī	Depth to Sa	turated Soil:	<i>⊾//A</i> (in.)
7.					<del></del>	<del> </del>	Wetland Hydro	ology indicators
				<u> </u>	<u> </u>	Delm	ary Indicators	Secondary Indicators
8.					<u> </u>		ary materiors	
9.				ł		☐ inundated ☐ saturated in t	upper 12 "	☐ oxidized root channels in upper 12" ☐ water-stained leaves
10.	<del></del>				<del> </del>	☐ water marks		Sklocal soil survey data
Darroot of	dominant anno	les that are OBI	EACW or E	1 0C 1/. 5	14.62	☐ drift lines ☐ sediment der	, naeite	C other (explain in remarks)
Percent of	dominant spec	es mar are Obi	L, PACVV () 17	AC	7 00%		tems in wetlends	O Other (BAPIZIT III Terraine)
Remarks:	/ · (	1 1	4.			Remarks:		
"	フレナーにそん	t hydrop	hytic Ne	gotation		Insult	crient wellow	I hydrology indicators
				·	90	DILS		
Man Uni	t Name (Se	ries and Pha	se): 21-	2 . Veral			molex or 5% days	Drainage Class: uel/
Taxonon	ny (Subgrou	<b>лр):</b> Хех	of luxents	/ // //	10.003.1.2	10110230100	when to see sole	Field Observations Confirm
Linda O	, (							
Imague 2	tatus on NR	RCS Field Of	fice List: _	Hydric				Mapped Type? (V) N UNK
Depth		Matrix Color	Mottle	Mo	ottie	Texture, Conc	retions, Structure, Etc.	Mapped Type? (V) N UNK Remarks:
				Mo	ottle ce/contrast	Texture, Conc	retions, Structure, Etc.	Remarks:
			Mottle	Mo		Texture, Conc	retions, Structure, Etc.	Remarks: No pit day. Too
			Mottle	Mo		Texture, Conc	retions, Structure, Etc.	Remarks: No pit day. Too
			Mottle	Mo		Texture, Conc	retions, Structure, Etc.	Remarks: No pit day. Too rocky.
Depth	Horizon	Matrix Color	Mottle Colors	Abundano	e/contrast			Remarks: No pit day. Too
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DATA	FORM: R	OUTINE WE	ETLANC D	ETERMIN	ATION	Comm. ID: Perennial She	Plot ID: DP 19
Project/S	Site:	viston 4					Date: 12 April 2005
Applican	t/Owner:	BUR /COF	5				County: Trivity
Investiga	tor(s):		C. Bogo				State: California
		ances exist o				Tholo 25	
		tly disturbed ial problem a			Y OF AN		
is the are	sa a potenti	VEGET		<u> </u>		HYDE	ROLOGY
					1	Recorded Data (Desc	
İ		į				☐ stream, lake, or tide g	
Domi	nant Plant	Species	Cover	Stratum	Indicator		
1. Fla	ering was	ler	60	NA	N/A	other	_ <del></del>
2. 4	alin ovi	7	10	5	UBL	No Recorded data av	ailable
3. A.	Tlik exig	li Clia	5_	1	1	Field Observation:	
				T	OBL	Depth of Surface Water:	>   <u>(in.)</u>
L	ubus di	Scolor	5	5	+ 1/2 00		
5. Bo.	Ader /10	bble greven	5	NA	N/A	Depth to Free Water in Pit:	
6. To	INCUS &	โป๊บรบร	5	H	OBL	Depth to Saturated Soil:	<i>∾/A</i> (in.)
	thyrus /		5	H	NL	Wetland Hydr	ology Indicators
0			5	H	OBL	Primary Indicators	Secondary Indicators
9.	TYPK MUC	127 <u>7</u>		<u> </u>	002	St inundated	O oxidized root channels in upper 12"
9.					<u> </u>	St saturated in upper 12 "	water-stained leaves
10.						(X) water marks (X) drift lines	☑ focal soil survey data ☐ FAC-neutral test
Percent of	dominant spec	les that are OBL	., FACW or F	AC_A/A	<u>.                                    </u>	(S) sediment deposits	O other (explain in remarks)
Domerko						☐ drainage patterns in wettands	<u> </u>
Kalijarka.	teature is	s mostly d	levoid at	UM., PX	egst		A. L Sulfact
310	ng banks	1.		J		Sufficient Wetland hy	exercity inerestors.
	3					NLS	
Map Unit	t Name (Se	ries and Pha	ise): <u>2 1 7 -</u>	- Xerofluye	ds-Rivery	est complete, 0-5% slopes	Drainage Class: <u>Lell</u>
Taxonon	ny (Subgrou	up): Kero	4.104en15	5			Field Observations Confirm
11 1				1 1 41-1-			THE THEORY IN LINE !
Hydric S		RCS Field Of		1-1 yanic	ttle	Texture Concretions Structure Ftc	Mapped Type? N UNK
Hydric Si Depth		RCS Field Of Matrix Color		Mo	ttle e/contrast	Texture, Concretions, Structure, Etc.	Remarks:
Hydric S			Mottle	Mo		Texture, Concretions, Structure, Etc.	
Hydric S			Mottle	Mo		Texture, Concretions, Structure, Etc.	Remarks: No pit dy, Too
Hydric S			Mottle	Mo		Texture, Concretions, Structure, Etc.	Remarks:  No pit dy, Too  rocky, Currently
Hydric Si Depth	Horizon	Matrix Color	Mottle Colors	Abundano	elcontrast		Remarks:  No pit dy, Too  rocky. Currently  inudated.
Hydric Si Depth	Horizon oil Indicator	Matrix Color	Mottle Colors	Abundano	elcontrast alpha-alph	a dipyridyl test	Remarks:  No pit dy, Too  rocky. Currently  inudated.  Frequently flooded
Hydric Si Depth	Horizon  il Indicator Histosol	Matrix Color	Mottle Colors	Abundano Positive Gleyed	alpha-alph	a dipyridyl test ma colors	Remarks:  No pit dy, Too  rocky. Currently  intends ted.  Frequently flooded  (perannial flow)
Hydric Si Depth	oil Indicator Histosol Histic Epipe Sulfidic ode	Matrix Color S: edon or	Mottle Colors	Positive Gleyed of High org	alpha-alph or low-chro	a dipyridyl test	Remarks:  No pit dy, Too  rocky. Currently  intends ted.  Frequently flooded  (perannial flow)
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Hydric So	Horizon  oil Indicator Histosol Histic Epipe Sulfidic ode Aquic mois Reducing o	Matrix Color Structure regime conditions	Mottle Colors	Positive Gleyed of High org Organic Listed of Listed of	alpha-alph or low-chro panic conte streaking in local hyd on national i	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit dy, Too  rocky. Currently  intends ted.  Frequently flooded  (perannial flow)
Hydric Si	oil Indicator Histosol Histic Epipo Sulfidic odo Aquic mois	Matrix Color Structure regime conditions	Mottle Colors	Positive Gleyed of High org Organic Listed or Other	alpha-alphor low-chro janic conte streaking i n local hyd n national i	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit dy, Too  rocky. Currently  intendated.  Frequently flooded  (perconnial flow).  Sufficient hydric
Hydric So	oil Indicator Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of	Matrix Color  Watrix Color  State of the color  Watrix Col	Mottle Colors	Positive Gleyed of High org Organic Listed or Listed or Other	alpha-alphor low-chro janic conte streaking i n local hyd n national i	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list ly flooded TERMINATION	Remarks:  No pit dy, Too  rocky. Currently  intudated.  Frequently flooded  (perannial flow).  Sufficient hydric  soils indicators.
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Hydric So	oil Indicator Histosol Histic Epipe Sulfidic mois Reducing of Concretion vilc vegetation	Matrix Color  Watrix Color  State of the conditions of the conditi	Mottle Colors	Positive Gleyed of High organic Listed of Other Wetland s point with	alpha-alphor low-chropanic contestreaking in local hydrology lin an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list / fleeded TERMINATION Present? Dor N Hydric Soils Pr	Remarks:  No pit dy, Too  rocky. Currently  inundated.  Frequently flooded  (perennial flow).  Sufficient hydric  soils indicators.
Hydric So	oil Indicator Histosol Histic Epipe Sulfidic mois Reducing of Concretion vilc vegetation	Matrix Color  Watrix Color  State of the conditions of the conditi	Mottle Colors	Positive Gleyed of High org Organic Listed or Other Wetland s point with	alpha-alphor low-chro panic conte streaking in local hyden national it frequent FLAND DE Hydrology In an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list y flooded TERMINATION Present? Or N Hydric Soils Pror waters of the U.S."?	Remarks:  No pit dy, Too  rocky. Currently  inundated.  Frequently flooded  (perennial flow).  Sufficient hydric  soils indicators.
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DATA	A FORM: ROUTINE	AAE I L'AMD D	E I EKIMHA	A11011	Comm. ID: Upland	Plot ID: DP Zo
Project/S	Site: Lewiston	Ч				Date: 12 Axil 2005
Applicar	nt/Owner: <u> </u>	DFG				County: Trivity
Investiga	ator(s):	O. Bogo				State: California
	nal circumstances exi				Photo 25	
	te significantly disturb			Y OF THE		
is the ar	ea a potential proble	TATION	<u>u</u>		HVD	ROLOGY
		-1011014	Ţ	1	Recorded Data (Des	
		į	-		stream, lake, or tide	
Dom	inant Plant Species	Cover	Stratum	Indicator	aerial photographs	
1. 7	ivs ponderosa	5	T	FAC	☐ other	<del></del>
2. 7.	1 de la competita del competita de la competita de la competita del competita del la competita del la competita del competita		17	<del>†                                      </del>	☐ No Recorded data a	vailable
13e.	gords mensical	+ -	<del></del>	NL_	Field Observation:	
J. <u>-</u>	ix exiauz	15	5	UBL		Alaca (m)
4. RV	ix exigus	20	5	FACWA	Depth of Surface Water:	
5. Bar	der /c. bble /grave	1 15	NA	NIA	Depth to Free Water in Pit:	
Α.		20	1-1	NL	Depth to Saturated Soil:	<i>/A</i> (in.)
1	mus plantenes	<del></del>	H			Irology Indicators
Cev	tarea solstialis		<del></del>	NL	Primary Indicators	Secondary Indicators
o. P/2	utza Durelota		H	FAC-		
9. Tr	Kaliam hirtam	5	H	NL	☐ inundated ☐ saturated in upper 12 "	<ul> <li>oxidized root channels in upper 12"</li> <li>water-stained leaves</li> </ul>
10. D	od bulbosa	5	1-1	NL	☐ water marks ☐ drift lines	Milocal soil survey data
Percent of	dominant species that are	OBL, FACW or F	AC / -	507	☐ sediment deposits	FAC-neutral test     other (explain in remarks)
			12-	700	☐ drainage patterns in wetlands	
Remarks:	- •	1 1-			Remarks:	1 1 1
1	isofficient hyd	rophytic ~	regeration	W /	-Lastlicent Wetland	hydrology indicators,
				SC	DILS	
Map Uni	it Name (Series and I	Phase): 217	- Xerofluve.		ash complex, 0-5% stopes	Drainage Class: well
Taxonor	ny (Subgroup): $\underline{\times}_{\epsilon}$	rollivents				Field Observations Confirm
Hydric S	itatus on NRCS Field	Office List:	Hydric			IMannod Typo2 A/ N I INK
				441-	1 T C	Mapped Type? Ø N UNK
Depth	Horizon Matrix Co		Mo	ottle ce/contrast	Texture, Concretions, Structure, Et	c. Remarks:
		lor Mottle	Mo		Texture, Concretions, Structure, Et	Remarks:
		lor Mottle	Mo		Texture, Concretions, Structure, Et	Remarks:  No git day, Top
		lor Mottle	Mo		Texture, Concretions, Structure, Et	No git day, Top
Depth	Horizon Matrix Co	lor Mottle Colors	Abundand	ce/contrast		No git day, Top
Depth Hydric S	Horizon Matrix Co	lor Mottle Colors	Abundand	alpha-alph	a dipyridyl test	rocky.  Sufficient hydric
Depth Hydric S	Horizon Matrix Co	lor Mottle Colors	Abundand Positive Gleyed	alpha-alph	a dipyridyl test ma colors	rocky.  Soils inclination.
Depth Hydric S	Horizon Matrix Co	lor Mottle Colors	Positive Gleyed High org	alpha-alphor low-chroganic conte	a dipyridyl test ma colors nt in surface layer in sandy soi	rocky.  Soils inclination.
Hydric S	Horizon Matrix Co	lor Mottle Colors	Positive Gleyed High org Organic	alpha-alphor low-chroganic conte	a dipyridyl test ma colors	rocky.  Sofficient hydric  Soils inclinates.
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Depth Hydric S	Horizon Matrix Co  Soil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regir	lor Mottle Colors	Positive Gleyed High org Organic Listed o Listed o Other	alpha-alphor low-chroganic contestreaking in local hydronal local	a dipyridyl test ma colors nt in surface layer in sandy soi n sandy soils ric soils list nydric soils list	rocky.  Soils inclination.
Hydric S	Horizon Matrix Co  Soil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regir Reducing conditions Concretions	lor Mottle Colors	Positive Gleyed High org Organic Listed o Listed o Other WE	alpha-alphor low-chroganic contestreaking in local hydronal hydronal local hydronal hydronal local hydronal hyd	a dipyridyl test ma colors nt in surface layer in sandy soi n sandy soils ric soils list nydric soils list	socky.  Soils inclinates.
Hydric S	Horizon Matrix Co  Soil Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture regir Reducing conditions Concretions	or Mottle Colors  O O O O O O O O O O O O O O O O O O O	Positive Gleyed High org Organic Listed o Listed o Other WE	alpha-alphor low-chroganic contestreaking in local hydronal l	a dipyridyl test ma colors nt in surface layer in sandy soin sandy soils ric soils list nydric soils list TERMINATION Present? Y or(N) Hydric Soils is	rocky.  Soils inclinator.
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DATA	A FORM: R	OUTINE WE	TLAND D	ELEKMIN	ATION	Comm. ID: Fresh Emergent W	
Project/S	Site:	wisten 4					Date: 12 April 2005 County: Trivity
Applican	it/Owner:	BOR /BL	M				County: Trivity
Investiga	ator(s):		C. Bogg			0 1 7/	State: California
		ances exist o				Photo 76	
		tly disturbed al problem a			10114 _	<del></del>	
io nic al	oa a hotetiti	VEGET				HYDR	OLOGY
				Ī —	I .	Recorded Data (Descr	
						stream, lake, or tide ga	
Domi	inant Plant	Species	Cover	Stratum	Indicator		
1. Typ	ha latifoli	2	40	H	OBL	d other	
,			lo	H	OBL	☐ No Recorded data ava	iilable
200	ncus ed-1.25				1	Field Observation:	
	rex praegu	acilis	10	H	FACW-	Depth of Surface Water:	>6 (in.)
4. OP	en Water		40	N/A	N/A	<u> </u>	
5.	_			<u> </u>		Depth to Free Water in Pit:	
6.						Depth to Saturated Soil:	<u>~ / A(in.)</u>
7.				<del> </del>			ology Indicators
8.				1	<u> </u>	Primary Indicators	Secondary Indicators
				ļ			
9.						Skinundated Skaturated in upper 12"	<ul> <li>☐ oxidized root channels in upper 12"</li> <li>☐ water-stained leaves</li> </ul>
10.		· <u> </u>				water marks	☐ local soil survey data
Percent of	dominant spec	ies that are OBI	FACW or F	AC Y/ 1	00%	☐ drift lines St/sediment deposits	C FAC-neutral test C other (explain in remarks)
<u> </u>					_ · · P	drainage patterns in wetlands	
Remarks:						Remarks:	
/∿	4-115.67 P	ydroghyte v	egotiplica			Suddivient wetland	hydrology indirators.
		·	7		90	DILS	<u> </u>
Man Uni	t Name (Se	ries and Pha	se): 1/12	- Kerolina		r, Dunps, Drodge Toilings	Drainage Class:
Taxonon	ny (Subgrou	(p): Xes	Alusents	V-CHA HAM	Con	nplex , 2-17 5 6p-5	Field Observations Confirm
Hudric S	tatus on NF	OC Field Of	C 11.4				
						n hydric inclusions	Mapped Type? Y N UNK
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				Mo			Remarks:
			Mottle	Mo	ttle		Remarks:
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Depth Hydric S		Matrix Color	Mottle	Abundane	ottle ce/contrast	Texture, Concretions, Structure, Etc.	Romarks: No pil dig, Too Focky, Sufficient hydrox
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Hydric S  Hydroph Is this po Remarks  ACOE J  Adjace Explain:  Indicato Define Peren	Horizon  Horizon  Olf Indicator Histosol Histosol Histosol Aquic mois Reducing of Concretion  ytic vegetation int within a  s:  EV  urisdiction ent to Water  EV  urs: ed Bed and  Designation ental	Matrix Color  Matrix Color  S:  edon  or  ture regime conditions  s  on present?  wetland?  Tri  ALUATION  Bank  on: Intermittent	Mottle Colors  The	Positive Gleyed High org Organic Listed o Listed o Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other ACOE JUF	Texture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, E	Remarks:  No pil dig, To a  Tocky,  Suits indicated,  soils indicated,  soils indicated,  soils indicated,  soils indicated,
Hydric S  Hydrophis this po Remarks  ACOE Ji  Adjace Explain:  Indicato Define Feature Nature	Horizon  Horizon  Olf Indicator Histosol Histosol Histosol Histosol Aquic mois Reducing of Concretion  ytic vegetation int within a  s:  EV  urisdiction ent to Water  EV  urs: ed Bed and  Designation al Drainage	Matrix Color  Matrix Color  S:  edon  or  ture regime conditions  s  on present?  wetland?  Tri  ALUATION  Bank  on: Intermittent	Mottle Colors  OF FEATU	Positive Gleyed High org Organic Listed o Listed o Other Wetland s point with	alpha-alphor low-chroganic contest streaking in local hydral national the streaking in local hydrology in an "Other ACOE JUF	Texture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, E	Remarks:  No pil dig, To a  Tocky,  Suits indicated,  soils indicated,  soils indicated,  soils indicated,  soils indicated,
Hydric S  Hydroph Is this po Remarks  ACOE J  Adjace Explain:  Indicato Define Peren	Horizon  Horizon  Olf Indicator Histosol Histosol Histosol Histosol Aquic mois Reducing of Concretion  ytic vegetation int within a  s:  EV  urisdiction ent to Water  EV  urs: ed Bed and  Designation al Drainage	Matrix Color  Matrix Color  S:  edon  or  ture regime conditions  s  on present?  wetland?  Tri  ALUATION  Bank  on: Intermittent	Mottle Colors  The	Positive Gleyed High org Organic Listed o Listed o Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other ACOE JUF	Texture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture and Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, Etc.  Taxture, Concretions, Structure, Etc.  Taxture, E	Remarks:  No pil dig, To a  Focky,  Suits indicated,  soils indicated,  seent? Yor N es, complete bottom of form)  Disolated (non-jurisdictional)

DATA FORM: ROUTINE	WETLAND D	ETERMIN	ATION	Comm. ID: Upland	Plot ID: DP 22
Project/Site: Lewiston	니				Date: 12 April 2005
Applicant/Owner: <u>₹o</u> ₽ /1	BLM			<del></del>	County: Trivity
Investigator(s):	C. Bogo		Fig. 1-1-	Pholo 26	State: California
Do normal circumstances ex				FN013 26	
Is the site significantly disturt is the area a potential proble	ped (atypical s	aluauon)? ∡O	rongs _	<del></del>	
VEC	SETATION			HYDR	ROLOGY
	T T	i		Recorded Data (Desc	
			į	stream, lake, or tide g	
Dominant Plant Species	Cover	Stratum	Indicator	Ø aerial photographs	_
1. Pubus discolor	5	5	FACW	O other	
in .		<del></del>		☐ No Recorded data ava	ailable
100 00(0032	30	H	NL	Field Observation:	
3. Elymos glaurus	25	1+	FACU		
4. Galium aparine	20	lн	FACU	Depth of Surface Water:	
5. Centanca satistialis		1-1	NL	Depth to Free Water in Pit:	~ <u>/A</u> (in.)
6.	- 60	! !"!	I NL	Depth to Saturated Soil:	
		<u> </u>	<b> </b>	•	
7.	<u>i</u> _				ology Indicators
8.				Primary Indicators	Secondary Indicators
9.			-	☐ inundated	Oxidized root channels in upper 12"
				☐ saturated in upper 12 "	☐ water-stained leaves
10.	į			water marks     drift lines	☐ focal soil survey data ☐ FAC-neutral test
Percent of dominant species that are	OBL, FACW or FA	AC 1/4 = 0	25	☐ sediment deposits	other (explain in remarks)
Remarks:				drainage patterns in wetlands  Remarks:	<u> </u>
	J 1~			Renarks.	
Insufficient hydr	ophytic Jeg	etation.		1	
			SC	ils	
Map Unit Name (Series and	Phase): 102	- Xersti		Atter Denos, Dalge Paling	Drainage Class: \we Y
Taxonomy (Subgroup):X	lesoflusents			1-males, 2-20% 51-2056	Field Observations Confirm
LI LI OLL TO ALDOO TO 1	d Office Liet: /	Man husto	32 L	to do a trade at the	Monned Type? X N HNR
Hydric Status on NRCS Field	d Office List. 1			WALL INSTITUTION	Mapped Type? Y N UNK
Depth Horizon Matrix Co	olor Mottle	! Mo	ttle	Texture, Concretions, Structure, Etc.	Remarks:
	olor Mottle Colors	! Mo		Texture, Concretions, Structure, Etc.	Remarks:
	olor Mottle	! Mo	ttle	Texture, Concretions, Structure, Etc.	Remarks: No pit dy Too
	olor Mottle	! Mo	ttle	Texture, Concretions, Structure, Etc.	Remarks: No pit dy Too
	olor Mottle	! Mo	ttle	Texture, Concretions, Structure, Etc.	Remarks:
Depth Horizon Matrix Co	olor Mottle Colors	Abundang	ottle ce/contrast	Texture, Concretions, Structure, Etc.	Remarks: No pit dy Too
Depth Horizon Matrix Co	olor Mottle Colors	Abundance	elcontrast	Texture, Concretions, Structure, Etc.	Remarks: No pit dy Too
Depth Horizon Matrix Co	olor Mottle Colors	Abundant Positive Gleyed	alpha-alph	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors	Remarks: No pit dy Too
Depth Horizon Matrix Co	Olor Mottle Colors	Positive Gleyed of High org	alpha-alphor low-chroganic conte	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils	Remarks: No pit dy Too
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regi	ofor Mottle Colors	Positive Gleyed of High org Organic Listed o	alpha-alphor low-chroganic contestreaking in local hyd	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list	Remarks: No pit dy Too
Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regil Reducing conditions	ofor Mottle Colors  Grant Gran	Positive Gleyed High org Organic Listed of	alpha-alphor low-chroganic contestreaking in local hyd	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils	Remarks: No pit dy Too
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regi	ofor Mottle Colors	Positive Gleyed High org Organic Listed of Listed of Other	alpha-alphor low-chroganic contestreaking in local hydronal in national in	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks: No pit dy Too
Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regil Reducing conditions Concretions	ofor Mottle Colors  O O O O O O O O O O O O O O O O O O O	Positive Gleyed High org Organic Listed or Listed or Other WE	alpha-alphor low-chroganic contestreaking in local hydronational in the contestreaking in local hydronational in the contestreaking in local hydronational in the contestreaking in local hydronational in the contestreaking in local hydronational in the contestreaking in local hydronational in the contestreaking in local hydronational in the contestreaking in the contestrea	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regil Reducing conditions Concretions  Hydrophytic vegetation present	Mottle Colors  I ame I s II american II ame II s III american II a	Positive Gleyed High org Organic Listed or Listed or Other WE' Wetland	alpha-alphor low-chroganic contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in t	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or A Hydric Soils Present?	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic Odor Aquic moisture regil Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?	Mottle Colors  I ame I s II american II ame II s III american II a	Positive Gleyed High org Organic Listed or Listed or Other WE' Wetland	alpha-alphor low-chroganic contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in local hydronal in the contestreaking in t	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?	me	Positive Gleyed High org Organic Listed of Listed of Other WE' Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronal in local hydronal in local hydronal in an "Other local in an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or Hydric Soils Progressors of the U.S."? Y or Mylif y	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?	me	Positive Gleyed High org Organic Listed of Listed of Other WE' Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronal in local hydronal in local hydronal in an "Other local in an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or A Hydric Soils Present?	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?	me	Positive Gleyed High org Organic Listed of Listed of Other WE' Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronal in local hydronal in local hydronal in an "Other local in an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or Hydric Soils Progressors of the U.S."? Y or Mylif y	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regil Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?	me	Positive Gleyed High org Organic Listed of Listed of Other WE' Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronal in local hydronal in local hydronal in an "Other local in an "Other	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or Hydric Soils Progressors of the U.S."? Y or Mylif y	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol  Histoc Epipedon  Sulfidic odor  Aquic moisture reginer reducing conditions  Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:	me	Positive Gleyed of High org Organic Listed of Listed of Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronous in national in TLAND DE Hydrology in an "Other Street and "Other street and "	a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list TERMINATION Present? Y or Hydric Soils Progressors of the U.S."? Y or Mylif y	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic Odor Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction:	me	Positive Gleyed of High org Organic Listed of Listed of Other WE' Wetland s point with	alpha-alphor low-chropanic contestreaking in local hydrology in an "Other Share Contestreaking in ACOE JUF	rexture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or A Hydric Soils Pror waters of the U.S."? Y or A (if y	Remarks:  No pit day. Too  rock y.  essent? Y or N res, complete bottom of form)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol  Histic Epipedon  Sulfidic odor  Aquic moisture regil  Reducing conditions  Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction:  Adjacent to Waters	me	Positive Gleyed of High org Organic Listed of Listed of Other WE' Wetland s point with	alpha-alphor low-chropanic contestreaking in local hydrology in an "Other Share Contestreaking in ACOE JUF	rexture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list  TERMINATION Present? Y or Phydric Soils Pror waters of the U.S."? Y or Nift y	Remarks:  No pit day. Too  rocky,
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol  Histic Epipedon  Sulfidic odor  Aquic moisture regil  Reducing conditions  Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction:  Adjacent to Waters	me	Positive Gleyed of High org Organic Listed of Listed of Other WE' Wetlands s point with	alpha-alphor low-chropanic contestreaking in local hydrology in an "Other ACOE JUF	rexture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or A Hydric Soils Provided wetland (DP 21).  RISDICTION  I (with Interstate Commerce)	Remarks:  No pit day. Too  rock y.  esent? Y or N res, complete bottom of form)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing condition: Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain:	me	Positive Gleyed of High org Organic Listed of Listed of Other WE' Wetlands s point with	alpha-alphor low-chropanic contestreaking in local hydrology in an "Other ACOE JUF	rexture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or A Hydric Soils Pror waters of the U.S."? Y or A (if y	Remarks:  No pit day. Too  rock y.  esent? Y or N res, complete bottom of form)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain:  EVALUATION	me	Positive Gleyed High org Organic Listed of Listed of Listed of Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in national in the streaking in national in the streaking in national in the streaking in an "Other streaking in an "Other streaking in an "Other streaking in an "Other streaking is a streaking in an "Other streaking is a streaking in an "Other streaking is a streaking in a	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or Hydric Soils Provided wettland (DP 21).  RISDICTION  I (with Interstate Commerce)	Remarks:  No pit day. Too  rock y.  esent? Y or N res, complete bottom of form)
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland? Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain: EVALUATION Indicators: Defined Bed and Bank	me	Positive Gleyed High org Organic Listed of Listed of Listed of Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in national in the streaking in national in the streaking in national in the streaking in an "Other streaking in an "Other streaking in an "Other streaking in an "Other streaking is a streaking in an "Other streaking is a streaking in an "Other streaking is a streaking in a	rexture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or A Hydric Soils Provided wetland (DP 21).  RISDICTION  I (with Interstate Commerce)	Remarks:  No pit day. Too  rock y.  esent? Y or N res, complete bottom of form)
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain: EVALUATION Indicators: Defined Bed and Bank Feature Designation:	me	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland Spoint with Vaters  Vaters	alpha-alphor low-chroganic contestreaking in local hydronal in local hydronal in local hydronal in an "Other Hydrology In an "Other Isolated IGNATED	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION Present? Y or Hydric Soils Pror waters of the U.S."? Y or (If y	Remarks:  No pit dy Too  rock y,  esent? Y or N res, complete bottom of form)  Disolated (non-jurisdictional)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing condition: Concretions  Hydrophytic vegetation presents this point within a wetland? Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain: EVALUATION Indicators: Defined Bed and Bank Feature Designation: Perennial Intermit	me	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland s point with Vaters  Vaters  JRES DES	alpha-alphor low-chroganic contestreaking in local hydrology in national in the streaking in local hydrology in an "Other ACOE JUF	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or Hydric Soils Progressor of the U.S."? Y or (If y  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Ma	Remarks:  No pit dy Too  rock y,  esent? Y or N res, complete bottom of form)  Disolated (non-jurisdictional)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol  Histic Epipedon  Sulfidic odor  Reducing condition: Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain:  EVALUATION  Indicators: Defined Bed and Bank Feature Designation: Perennial Intermit	me	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland s point with Vaters  Vaters  JRES DES	alpha-alphor low-chroganic contestreaking in local hydronal in local hydronal in local hydronal in an "Other Hydrology In an "Other Isolated IGNATED	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or Hydric Soils Pro r waters of the U.S."? Y or M (if y  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Ma	Remarks:  No pit dy Too  rock y,  esent? Y or N res, complete bottom of form)  Disolated (non-jurisdictional)
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation presents this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain: EVALUATION Indicators: Defined Bed and Bank Feature Designation: Natural Drainage	me	Positive Gleyed of High org Organic Listed of Listed of Listed of Wetland s point with Vaters  Vaters  JRES DES	alpha-alphor low-chroganic contestreaking in local hydrology in national in the streaking in local hydrology in an "Other ACOE JUF	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list  TERMINATION  Present? Y or Hydric Soils Pro r waters of the U.S."? Y or M (if y  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE UN ry High Water Mark Mapped ne on U.S.G.S. Topographic Ma	Remarks:  No pit dy Too  rock y,  esent? Y or N res, complete bottom of form)  Disolated (non-jurisdictional)

						Comm. ID: Yerennial Steel	
Project/S	Site: Dark	Coulch					Date: 12 Apr. 1 2005
Applican	nt/Owner: <u>18</u>	OR/Priva	C Bogo		<del>-</del> .		County: Fright/
Do porm	ator(s):	ances exist o			Explain:	Photo 27	State. California
		tly disturbed				11010 61	
		ial problem a			-		
		VEGET	ATION				ROLOGY
						Recorded Data (Desc	
	1 511	<b>.</b>				stream, lake, or tide g	auge
	inant Plant	,	Cover	Stratum	Indicator	<ul><li>aeriai photographs</li><li>other</li></ul>	
	Idex/Cobb	le larged		N/A	N/A	· ————	
2. His	pochaeris	alabia	5	(4	NL	☐ No Recorded data ava	allable
	yophyhm &		5	Н	NL	Field Observation:	
			5	<i>F)</i>	NL	Depth of Surface Water:	None(in.)
_	odium be	•	3	H	NL	Depth to Free Water in Pit:	
2	y Callab	•			<del></del>		
	mus toc	torum	5	Н	NL	Depth to Saturated Soil:	
7.					İ	Wetland Hydr	ology Indicators
8.						Primary Indicators	Secondary Indicators
9.					<del> </del> -	1 inundated	O oxidized root channels in upper 12"
		· <del>-</del>			<del> </del>	☐ saturated in upper 12 " ☐ water marks	☐ water-stained leaves
10.				İ		D water marks   Gkdrift lines	☐ FAC-neutral test
Percent of	dominant spec	es that are OB	L, FACW or F	AC_N/A	_	Disediment deposits	🗇 other (explain in remarks)
Remarks:	A H. C.	150	lad- P	, Arr. 18 Al		Remarks: Water is a few in the set	Club, However dade no at lace the
barre	A Win Dana	d of riparian , feature is frequent	vrge 18-1101	from Dere	anial the	VOKISAIS OHWM. Solling at	eam. However, data point location wetland mydrology indirators.
in rev	Her and	Frequent.	flow hea	MWHOZ	4		To sold y world all ).
					30	カレシ	
Map Unit	t Name (Se	nes and Pha	se): 217-	Xexorthe	uts · Kiveri	vash rungled, 0-5% slapes	Drainage Class:
		up): <u> </u>		Hydric			Field Observations Confirm Mapped Type?  N UNK
Depth		Matrix Color			447.	برحي والمناف والمناف والمناف والمناف والمناف	Jiviapped Type: CP 14 Oldin
	i Honzon	MOUIX CUIUI	MOUNT	l Mic	ttle	! Texture, Concretions, Structure, Etc.	Remarks:
•	nonzon	MBUIX COID!	Colors		ce/contrast	Texture, Concretions, Structure, Etc.	1.0
	HONZON	maura Color				Texture, Concretions, Structure, Etc.	Remarks: - No Pit duy, Too
	Honzon	MAUIX GOIOI				Texture, Concretions, Structure, Etc.	No pit day Too
	Nonzon	MAUIA COIO				Texture, Concretions, Structure, Etc.	No pit day . Too
			Colors	Abundand	e/contrast		No pit day Too
Hydric S	oil Indicator		Colors	Abundand	e/contrast	a dipyridyl test	No pit day . Too tocky. Sufficent hydric
Hydric So	oil Indicator Histosol	<b>s</b> :	Colors	Positive Gleyed	alpha-alph	a dipyridyl test ma colors	No pit day . Too
Hydric So	oil Indicator	s:	Colors	Positive Gleyed of High org	alpha-alphor low-chro	a dipyridyl test	No pit day . Too tocky. Sufficent hydric
Hydric So	oil Indicator Histosol Histic Epipe Sulfidic ode Aquic mois	s: edon or ture regime	Colors	Positive Gleyed of High org Organic Listed o	alpha-alphor low-chro ganic conte streaking in local hyd	na dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list	No pit day . Too tocky. Sufficent hydric
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DATA	FORM: R	OUTINE WE	ETLAND D	ETERMIN	ATION	Comm. ID: Upland	Plot ID:9
	Site:						Date: 12 April 2005
		BOR/Priva	ate				State: California
Investiga	tor(s):		C. Bogo		= 1	70.1.27	State: California/
Do norm	al circumsta	ances exist o	on the site?	(V)or N	Explain: _	Photo 27	
		lly disturbed al problem a			TOIAN _	<del></del>	
18 016 91	ca a potenti	VEGET		<u> </u>		HYDR	OLOGY
<del></del>					I T	Recorded Data (Desc	
					1	stream, lake, or tide g	
Domi	nant Plant	Species _	Cover	Stratum	Indicator		
1. 60	x 125,01	دم ادوم	15	. 5	FACW	other	
	ours tea		30	H	NL	☐ No Recorded data ava	ailable
2		i				Field Observation:	
4		3 glabla		H	NL_	Depth of Surface Water:	None (in.)
	-odium	botays	10	<u>H</u>	NL	i ,	
5. Gi	Yophytom	diff sun	10	H	NL	Depth to Free Water in Pit:	
	aria gevi		10	1-1	NL	Depth to Saturated Soil: No	Salviated (in.)
I <del></del>	,,,		5	NA	~/A	Wetland Hydn	ology Indicators
8.	bble giave	1 / Dano		~//+	~//-	Primary Indicators	Secondary Indicators
						() inundated	☐ oxidized root channels in upper 12"
9.						saturated in upper 12 "	□ water-stained leaves
10.						water marks     drift lines	Oxfocal soil survey date  O FAC-neutral test
Percent of	dominant spec	les that are OBI	L, FACW or F	AC 0/2 =	38	☐ sediment deposits	other (explain in remarks)
				-7-	. *-	drainage patterns in wetlands     Remarks:	
Remarks:	CK -	1 1- 1	٠	J. 16		_	13. 1.1
-	-11501 tick	of hydrop	hylle Jo	ge Tation	и,	Insufficient welland	r Hyardogy Indicators,
					SC	NLS	
Map Uni	t Name (Se	ries and Pha	ase): 217	- Xerocahi	ouls- Priver	wash complex, 0-5% slopes	Drainage Class:well
		<b>лр):</b> Хела					Field Observations Confirm
							LE
		CS Field Of		Hydric	HIA	Toytum Concentions Structure Etc.	Mapped Type?(Y) N UNK
Hydric S Depth		Matrix Color		Mo	ttie ce/contrast	Texture, Concretions, Structure, Etc.	Remarks:
Depth	Horizon	Matrix Color	Mottle Colors	Abundano	e/contrast		Remarks:
	Horizon		Mottle Colors	Mo	e/contrast	Cobbly glaverly Sand	Remarks:
Depth	Horizon	Matrix Color	Mottle Colors	Abundano	e/contrast		Remarks:
Depth  0-6"	Horizon	Matrix Color	Mottle Colors	Abundana	ce/contrast	cobbly glaverly sand	Remarks:
Depth  0 - 6"  Hydric S	Horizon	Matrix Color	Mottie Colors	Abundance N/A	elcontrast	cobbly graverry sand	Remarks:
Depth  0 - 6"  Hydric S	Horizon  Indicator Histosol	Matrix Color	Motifie Cotors	Abundand  Positive Gleyed	alpha-alph	cobbly graverry sand  a dipyridyl test ma colors	Remarks:
Depth  0 - 6"  Hydric S	Horizon	Matrix Color	Motifie Cotors	Positive Gleyed High org	alpha-alph or low-chro	cobbly graverry sand  a dipyridyl test ma colors nt in surface layer in sandy soil	Remarks:
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Hydric S  Hydrophyls this po	oil Indicator Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion ytic vegetation int within a se:  Upland	Matrix Color  (6 Y 2 3/2  s: edon or ture regime conditions s on present? wetland? Y c	Mottie Cotors  AA  TOTAL  Y OF NO  Is this	Positive Gleyed High org Organic Listed or Listed or Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other Perennial"	cobbly graverry sand  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list hydric soils list TERMINATION Present? Y or N Hydric Soils Pro or waters of the U.S."? Y or N if y	Remarks:  Sufficient hydric  Soiles indicator.
Hydric S  Hydrophyls this pos	oil Indicator Histosol Histic Epipe Sulfidic ode Aquic mois Reducing of Concretion ytic vegetation int within a se:  Upland	Matrix Color    GYP3 2   S: edon or ture regime conditions s on present? wetland? Y of	Mottie Colors  A/A  Y or/N)  Or N is thi	Positive Gleyed High org Organic Listed or Listed or Other Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other Percurs" /	ra dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list hydric soils list TERMINATION Present? Y or N Hydric Soils Pror waters of the U.S."? Y or N if y	Remarks:  Solls indicates.  Solls indicates.  Solls indicates.  Solls indicates.
Hydric S  Hydrophy Is this po Remarks  ACOE J Adjace Explain:	oil Indicator Histosol Histosol Histosol Histosol Aquic mois Reducing of Concretion viic vegetation int within a viic s:  Upland EV rs:	s: edon or ture regime conditions s on present? wetland? Y dala pa	Motifie Colors  A/A  Yorki  D  State of the color of the	Positive Gleyed of High org Organic Listed of Listed of Other Wetland is point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other Perennial"  ACOE JUF	ra dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list rydric soils list TERMINATION Present? Y or N Hydric Soils Present waters of the U.S."? Y or N if y  Stream (DP 23)	Remarks:  Solls indicates.  Solls indicates.  Solls indicates.  Solls indicates.
Hydric S  Hydric S  Hydroph Is this po Remarks  ACOE J Adjace Explain:	oil Indicator Histosol Histosol Histosol Histosol Aquic mois Reducing of Concretion viic vegetation int within a viic s: Upland EV rs: ed Bed and	s: edon or ture regime conditions s on present? wetland? Y o	Mottie Colors  A/A  Y or/N)  Or N is thi	Positive Gleyed of High org Organic Listed of Listed of Other Wetland is point with	alpha-alphor low-chroganic contestreaking in local hydrology in an "Other Perennial"  ACOE JUF	ra dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list hydric soils list TERMINATION Present? Y or N Hydric Soils Pror waters of the U.S."? Y or N if y	Remarks:  Solls indicates.  Solls indicates.  Solls indicates.  Solls indicates.
Hydric S  Hydroph Is this po Remarks  ACOE J Adjace Explain:	oil Indicator Histosol Histosol Histosol Histosol Aquic mois Reducing of Concretion vitic vegetation vitic v	Matrix Color    GYP       S:  edon  or  ture regime conditions s  on present?  wetland? Y c    da   a   po   :   S	Motifie Colors  A/A  Toylor  Toylor  State  Toylor  Toylor  State  Toylor  T	Positive Gleyed of High org Organic Listed of Listed of Other Wetland is point with	alpha-alphor low-chroganic contestreaking in local hydrology in national land and "Other Perevirol"  ACOE JUF  I Isolated  IGNATED	ra dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list hydric soils list  TERMINATION Present? Y or (I) Hydric Soils Present? Y or (I) Hydric Soils Present (I) TO (I) To	Remarks:  Soils indicates.  Soils indicates.  Soils indicates.  Soils indicates.
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Hydric S  Hydrophyls this policato ACOE J Adjace Explain: Indicato Define Feature Peren	oil Indicator Histosol Histosol Histosol Histosol Aquic mois Reducing of Concretion vitic vegetation int within a visit vegetation vitic veget	Matrix Color    GYP       S:   edon   or   ture regime conditions     conditions	Motifie Colors  A/A  Toylor  Toylor  State  Toylor  Toylor  State  Toylor  T	Positive Gleyed of High org Organic Listed of Listed of Other Wetland is point with	alpha-alphor low-chroganic contestreaking in local hydrology in national land and "Other Perevirol"  ACOE JUF  I Isolated  IGNATED	ra dipyridyl test ma colors int in surface layer in sandy soil in sandy soils ric soils list intermediate the soils list  TERMINATION  Present? Y or (I) Hydric Soils Present waters of the U.S."? Y or (I) if y  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE UNity High Water Mark Mapped ne on U.S.G.S. Topographic Mapped	Remarks:  Soils indicates.  Soils indicates.  Soils indicates.  Soils indicates.
Hydric S  Hydroph Is this po  Remarks  ACOE J Adjace Explain:  Indicato Define Feature Nature	oil Indicator Histosol Histosol Histosol Histosol Aquic mois Reducing of Concretion vitic vegetation int within a visit vegetation vitic veget	Matrix Color    GYP       S:   edon   or   ture regime conditions     conditions	Motifie Colors  A/A  Yorki  D  State	Positive Gleyed of High org Organic Listed of Listed of Other Wetland is point with	alpha-alphor low-chroganic contestreaking in local hydrology in national last the streaking in local hydrology in an "Other Perevision of Isolated Ign	ra dipyridyl test ma colors int in surface layer in sandy soil in sandy soils ric soils list intermediate the soils list  TERMINATION  Present? Y or (I) Hydric Soils Present waters of the U.S."? Y or (I) if y  RISDICTION  I (with Interstate Commerce)  "OTHER WATERS OF THE UNity High Water Mark Mapped ne on U.S.G.S. Topographic Mapped	Remarks:  Soils indicates.  Soils indicates.  Soils indicates.  Soils indicates.

DATA FORM: ROUTINE V	AE LEVIND D	E I EKMINA	ATION	Comm. ID: Kigatian / Fresh Eme	TION DO TO
Project/Site: Dark Gulch				V21 (800)	Date: 12 April 2005
Applicant/Owner:B&R/PA	vate				County: Trings
Investigator(s):	C. Bogg	8		DI	State: California
Do normal circumstances exist	t on the site?	Y Dr N	Explain: _	Photo 28	
is the site significantly disturbe is the area a potential problem	orea? Vor	kuauon)? ki\	TOLK)	<del></del>	
	TATION	<u> </u>		HYDR	OLOGY
	1		1	Recorded Data (Descr	
	į		į	stream, lake, or tide ga	
Dominant Plant Species	Cover	Stratum	Indicator	2 aerial photographs	
1. Galix gooddingii	10	T	OBL	d other	<del></del>
2. Typha latisalia	40	Н	OBL	☐ No Recorded data ava	ilable
3. One Water		<del>,                                      </del>		Field Observation:	
DAGN MALEL	30	N/A	NA		10 (5.1)
4. Solix losideris	10	4	FACW	Depth of Surface Water:	<u>(in.)</u>
5. Rubus discolor	10	5	FACWY	Depth to Free Water in Pit:	<u>~//4</u> (in.)
6.	1 '			Depth to Saturated Soil:	~/A (in.)
7.					ology Indicators
		<u> </u>		<u> </u>	Secondary Indicators
8.	i		İ	Primary Indicators	<u> </u>
9.				☑ inundated ☑ saturated in upper 12 "	O oxidized root channels in upper 12"  Swater-stained leaves
10.		<u> </u>			Diocal soil survey data
				☐ drift lines	☐ FAC-neutral test
Percent of dominant species that are O	BL, FACW or F	AC -4/= 10	20%	Sediment deposits Containage patterns in wetlands	O other (explain in remarks)
Remarks: G. Stickent hydrop	Justin Jan	talia (	1112%	Remarks:	
dominate surthern ha	S S	1	4	Sufficient metland his	idiology indicators
cominate surthern ha	H en tog	T 45C			7
		<del>                                     </del>	SC	DILS	In-i
Map Unit Name (Series and Pl	hase): <u>(02 · )</u>	(Prod Lovent	5 - Af-16-64	mps, diedge to lings connedex, 2-9% dopes	Field Observations Confirm
Hydric Status on NRCS Field	Office Liet	Δ/ I	100	2- 470 =16Des	THEIR ODSERVATIONS COMMING
			16 W/NV	to Cinchians	UMABBEG EVBEZETJN UNA
Depth Horizon Matrix Cold			ottle	Texture, Concretions, Structure, Etc.	Mapped Type? (Y) N UNK
		Mo		Texture, Concretions, Structure, Etc.	Remarks:
	or Mottle	Mo	ottle	Texture, Concretions, Structure, Etc.	Remarks:
	or Mottle	Mo	ottle	Texture, Concretions, Structure, Etc.	Remarks:
	or Mottle	Mo	ottle	Texture, Concretions, Structure, Etc.	Remarks:
Depth Horizon Matrix Cold	or Mottle Colors	Abundand	ottle ce/contrast	Texture, Concretions, Structure, Etc.	Remarks:  No pit dug.  Frature is inundated
Depth Horizon Matrix Colo	Or Mottle Colors	Abundand	ottle ce/contrast alpha-alph	Texture, Concretions, Structure, Etc.	Remarks:
Depth Horizon Matrix Colo  Hydric Soil Indicators:  Histosol	Or Mottle Colors	Abundand Positive Gleyed	alpha-alph	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric
Hydric Soil Indicators:  Histosol Histic Epipedon	Or Mottle Colors	Positive Gleyed High org	alpha-alphor low-chro	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil	Remarks:  No pit dug.  Frature is invadated
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor	Or Mottle Colors	Positive Gleyed High org Organic	alpha-alphor low-chroganic conte	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regim Reducing conditions	Or Mottle Colors	Positive Gleyed High org Organic Listed o	alpha-alphor low-chroganic contestreaking in local hyd	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list nydric soils list	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regim Reducing conditions	Mottle Colors	Positive Gleyed High org Organic Listed o Listed o Other	alpha-alphor low-chroganic contestreaking in local hydronational law-ey-ey-ey-ey-ey-ey-ey-ey-ey-ey-ey-ey-ey-	Texture, Concretions, Structure, Etc.  In a dipyridyl test Ima colors In surface layer in sandy soil In sandy soils In sandy soils In soils list In year lead	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regim Reducing conditions Concretions	Mottle Colors	Positive Gleyed High org Organic Listed o Listed o Other	alpha-alphor low-chroganic contestreaking in local hydronational lawey-e-ventor	Texture, Concretions, Structure, Etc.  In a dipyridyl test Ima colors In surface layer in sandy soil In sandy soils In sandy soils In soils list In year lest If Pencled TERMINATION	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric  Soils indicator.
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regim Reducing conditions Concretions  Hydrophytic vegetation present	Mottle Colors  Grant Colors  G	Positive Gleyed High org Organic Listed o Listed o Other WE Wetland	alpha-alphor low-chroganic contestreaking in local hydronal law-e	Texture, Concretions, Structure, Etc.  In a dipyridyl test Ima colors In surface layer in sandy soil In sandy soils In sandy soils In sandy soils In sandy soils In sandy soils If soils list If pended ITERMINATION Present? Yor N Hydric Soils Present?	Remarks:  No pit duy.  Frature is inundated  Sufficient hydric  Soils indicator.
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regim Reducing conditions Concretions  Hydrophytic vegetation present is this point within a wetland?	Mottle Colors  Grant Colors  G	Positive Gleyed High org Organic Listed o Listed o Other WE Wetland	alpha-alphor low-chroganic contestreaking in local hydrology hin an "Other local hydrology hydro	Texture, Concretions, Structure, Etc.  In a dipyridyl test Ima colors In surface layer in sandy soil In sandy soils In sandy soils In soils list In year lest If Pencled TERMINATION	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric  Soils indicator.  Beautiful Dor N  Beautiful Bottom of form)
Hydric Soil Indicators:  Hydric Soil Indicators:  Histosol Sulfidic odor Aquic moisture regim Reducing conditions Concretions  Hydrophytic vegetation present is this point within a wetland?	Mottle Colors  Grant Colors  G	Positive Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronogy in an "Other local hydrology" in an "Other	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list ricy pended  TERMINATION  Present? Or N Hydric Soils Preser waters of the U.S."? Y or Office of the U.S."?	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric  Soils indicator.  Beautiful Dor N  Beautiful Bottom of form)
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Reducing conditions Concretions  Hydrophytic vegetation present is this point within a wetland?  Remarks:	Mottle Colors  Grant Colors  G	Positive Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydronogy in an "Other local hydrology" in an "Other	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors ma in surface layer in sandy soil n sandy soils ric soils list ricy pended  TERMINATION  Present? Yor N Hydric Soils Preser waters of the U.S."? Y or (1) (if year	Remarks:  No pit duy.  Frature is inundated  Sufficient hydric  Soils indicator.  Seent? Or N  es, complete bottom of form)
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regim Reducing conditions Concretions  Hydrophytic vegetation present is this point within a wetland?  Remarks:  Wetland	e Grand State Colors  2 Cor N 5 or N Is the	Positive Gleyed of High org Organic Listed o Listed o Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hyden national late and the late	Texture, Concretions, Structure, Etc.  and dipyridyl test  and colors  ant in surface layer in sandy soil  an sandy soils  and soils list  and pended  TERMINATION  Present? Yor N Hydric Soils Presert waters of the U.S."? Yor (1) if you have the color of the U.S."?	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric  Soils indicator.  Best complete bottom of form)  Pile,
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regim Reducing conditions Concretions  Hydrophytic vegetation present is this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters	Mottle Colors  Grant Colors  G	Positive Gleyed of High org Organic Listed o Listed o Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hyden national late and the late	Texture, Concretions, Structure, Etc.  a dipyridyl test ma colors nt in surface layer in sandy soil n sandy soils ric soils list ricy pended  TERMINATION  Present? Or N Hydric Soils Preser waters of the U.S."? Y or Office of the U.S."?	Remarks:  No pit dug.  Frature is inundated  Sufficient hydric  Soils indicator.  Best complete bottom of form)
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regim Reducing conditions Concretions  Hydrophytic vegetation present is this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters	e Gributary to V	Positive Gleyed High org Organic Listed o Listed o Other WE Wetland s point with	alpha-alphor low-chroganic contestreaking in local hydrology hydrology hin an "Other local hydro	Texture, Concretions, Structure, Etc.  and dipyridyl test  and colors  ant in surface layer in sandy soil  an sandy soils  and soils list  and pended  TERMINATION  Present? Yor N Hydric Soils Presert waters of the U.S."? Yor (1) if you have the color of the U.S."?	Remarks:  No pit dug.  Frature is invudated  Sufficient hydric  Soils indicator.  Best complete bottom of form)  Pile,  Disolated (non-jurisdictional)
Hydric Soil Indicators:  Histosol Histosol Histosol Histosol Adjacent to Waters  Hydrophytic vegetation present is this point within a wetland?  ACOE Jurisdiction: Adjacent to Waters EXPLAITO Indicators:	e Gributary to V	Positive Gleyed High org Organic Listed o Listed o Other Wetland s point with	alpha-alphor low-chroganic contestreaking in national law-chroganic man "Other LAND DE Hydrology in an "Other Law Law Law Law Law Law Law Law Law Law	Texture, Concretions, Structure, Etc.  In a dipyridyl test Ima colors In sandy soils In sandy so	Remarks:  No pit dug.  Frature is invudated  Sufficient hydric  Soils indicator.  Best complete bottom of form)  Pile,  Disolated (non-jurisdictional)
Hydric Soil Indicators:  Histosol Histic Epipedon Sulfidic odor Aquic moisture regim Reducing conditions Concretions  Hydrophytic vegetation present is this point within a wetland?  Remarks:  ACOE Jurisdiction: Adjacent to Waters Explain:  EVALUATIO Indicators: Defined Bed and Bank	e Gributary to V	Positive Gleyed High org Organic Listed o Listed o Other Wetland s point with	alpha-alphor low-chroganic contestreaking in national law-chroganic man "Other LAND DE Hydrology in an "Other Law Law Law Law Law Law Law Law Law Law	Texture, Concretions, Structure, Etc.  and dipyridyl test  and colors  and in surface layer in sandy soil  and soils list  and soils list  and pended  TERMINATION  Present? Or N Hydric Soils Present waters of the U.S."? Y or Office  RISDICTION  It (with Interstate Commerce)	Remarks:  No pit dug.  Frature is invudated  Sufficient hydric  Soils indicator.  Best complete bottom of form)  Pile,  Disolated (non-jurisdictional)
Hydric Soil Indicators:  Histosol Histosol Histic Epipedon Sulfidic odor Aquic moisture regim Concretions  Hydrophytic vegetation present is this point within a wetland?  ACOE Jurisdiction: Adjacent to Waters ACOE Jurisdiction: EVALUATION Indicators: Defined Bed and Bank Feature Designation: Perennial Intermitte	Mottle Colors  Property of N For N F	Positive Gleyed of High orgonic Listed of Other Wetland s point with	alpha-alphor low-chroganic contest streaking in local hydrology in an "Other Wide Wide Macoe Juf	Texture, Concretions, Structure, Etc.  In a dipyridyl test Ima colors In sandy soils In sandy so	Remarks:  No pit duy.  Frature is inundated  Sufficient hydric  Soils indicator.  Best Cor N  Best complete bottom of form)  Pile,  Disolated (non-jurisdictional)

DATA	FORM: ROUTIN	E WETLAND D	ETERMIN	ATION	Comm. ID	· Upland		lot ID: <u>PP 26</u>
Project/Si	te: Dark Gu	kh.						12 April 2005
Applicant/	Owner: BOR	Avate C Boos					County:	Californa
Investigat	or(s): Il circumstances e	C. Bogg	S (V) or N	Explain:	Photo	28	State. \	JaillOlina
ls the site	significantly distu	rbed (atvoical s	ituation)?					
	a a potential probl	em area? Y or						
	VE	GETATION					YDROLOGY	
ļ		i i				lecorded Data (I tream, lake, or ti		emanks)
Domin	ant Plant Specie	S Cover	Stratum	Indicator		erial photograph		
	x lagiologis	15	5	FACW	-	ther		
7.0 11			5	FACW*	4 0	lo Recorded data	a available	
- V	ous discolor	20			Field Obse	ervation:		
	sa colitornica	20	5	FAC+	1	Surface Water: _	None	(in.)
- Vt	ours tedoro	1 .	H	NL	, ,	ree Water in Pit		(in.)
	vice machate	<u>m</u> 5	Н	FACW		Saturated Soil: _		(in.)
	ntaurea Solotia		14	NL	Debru to s			
7.	Hemisia daylas.	mua 5	H	FACW			lydrology Inc	
	bbles	5	NIA	NIA	Pri	lmary indicators		Secondary Indicators
9.					☐ inundated ☐ saturated i	n upper 12 "		d root channels in upper 12" tained leaves
10.	·····		<del></del>	-	water mark		□ local so	Il survey data
	ominant species that a	TO ORL FACING E	AC 2/2 =	6637	☐ drift lines ☐ sediment d	tenosits	☐ FAC-ne	eutral test explain in remarks)
<u>L</u>	orintena apecies mata	OUL, FACTOR OF	-75-0	10/0	<ul> <li>drainage p</li> </ul>	attems in wetlands	3 30101 (6	
Remarke:		_			Remarks:			» 1 -
50.	Shicient hydrop	hytic uegetat	lion.		No v	retland hydi	ology ind	icators.
				SC	DILS			
Map Unit	Name (Series and	l Phase): 102	- Xesollu	Jents - A	Her Duns	Dregge TJ. ling	5 Drainag	je Class: <u>vell</u>
Taxonomy	Name (Series and y (Subgroup):	erol lutents	-1 1 1		(maplex	, 2-9% stor	Field O	bservations Confirm
Hydric Sta	atus on NRCS Fie	eld Office List:	Nov - hydr	1. 6 World	nydrie	ひをしら はしょく	IMabbe	Type? (Ý) N UNK
	Horizon Matrix	Colori Mottle			Texture, Co			(e-
Depth	Horizon Matrix (	Color Mottle Colors	Mo	ottle ce/contrast	Texture, Co	ncretions, Structure	, Etc. Remark	
	Horizon Matrix (	Color Mottle	Mo	ottie	Texture, Co		, Etc. Remark	ks: pit duy. Too
	Horizon Matrix	Color Mottle	Mo	ottie	Texture, Co		Pretto. Remark	pit dug. Too
	Horizon Matrix (	Color Mottle	Mo	ottie	Texture, Co		No roc	pit dy Too Ky.
Depth	Horizon Matrix	Color Mottle Colors	Abundano	ottle ce/contrast	Texture, Co	ncretions, Structure	No roc	pit dug. Too
Depth	Horizon Matrix (	Color Mottle	Abundand	ottle ce/contrast	Texture, Co	ncretions, Structure	No roc.	pit dy Too Ky. hydric soils
Hydric So	il Indicators: Histosol Histic Epipedon	Color Mottle Colors	Positive Gleyed of High org	alpha-alphor low-chroganic conte	Texture, Co	test	No roc	pit dy Too Ky.
Hydric So	il Indicators: Histosol Histic Epipedon Sulfidic odor	Color Mottle Colors	Positive Gleyed High org Organic	alpha-alphor low-chroganic contest	na dipyridyl oma colors ent in surfac in sandy so	test e layer in sandy	No roc	pit dy Too Ky. hydric soils
Hydric So	Horizon Matrix (  il Indicators: Histosol Histic Epipedon Sulfidic odor Aquic moisture reg	Color Mottle Colors	Positive Gleyed High org Organic Listed o	alpha-alphor low-chroganic contest streaking in local hydroxic contest streaking in local hydroxics.	na dipyridyl oma colors ent in surfac in sandy so lric soils list	test te layer in sandy	No roc	pit dy Too Ky. hydric soils
Hydric So	il Indicators: Histosol Histic Epipedon Sulfidic odor	Color Mottle Colors	Positive Gleyed High org Organic Listed o	alpha-alphor low-chroganic contest streaking in local hydroxic contest streaking in local hydroxics.	na dipyridyl oma colors ent in surfac in sandy so	test te layer in sandy	No roc	pit dy Too Ky. hydric soils
Hydric So	Horizon Matrix of Matrix o	Golor Mottle Colors  Grant Gra	Positive Gleyed High org Organic Listed o Listed o Other	alpha-alphor low-chroganic contestreaking in local hydronational	na dipyridyloma colors ent in surfacin sandy solic soils list hydric soils	test le layer in sandy ils	No roc.	pit dy. Too Ky. hydric soils dirators.
Hydric So	Horizon Matrix of Matrix o	Golor Mottle Colors  Grant Gra	Positive Gleyed High org Organic Listed o Listed o Other WE Wetland	alpha-alphor low-chroganic contestreaking in local hydronogy	na dipyridyloma colors ent in surfacin sandy solic soils list hydric soils TERMINA	test le layer in sandy ils list TION	Soil Present? Y	pit dy. Too Ky. hydric soils dirators.
Hydric So	Horizon Matrix of Matrix o	Golor Mottle Colors  Gime Gime Gime Gime Gime Gime Gime Gime	Positive Gleyed High org Organic Listed or Listed or Other WE Wetland s point with	alpha-alphor low-chroganic contest streaking in local hydronational Hydrology in an "Other	na dipyridyloma colors ent in surfacin sandy soilric soils list hydric soils TERMINA Present? Yer waters of	test test list TION or(N) Hydric Sol	Soil in a	pit dy. Too  Ky.  hydric soils  dirators.
Hydric So	Horizon Matrix of Matrix o	Golor Mottle Colors  Gime Gime Gime Gime Gime Gime Gime Gime	Positive Gleyed High org Organic Listed or Listed or Other WE Wetland s point with	alpha-alphor low-chroganic contest streaking in local hydronational Hydrology in an "Other	na dipyridyloma colors ent in surfacin sandy soilric soils list hydric soils TERMINA Present? Yer waters of	test test list TION or(N) Hydric Sol	Soil in a	pit dy. Too  Ky.  hydric soils  dirators.
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<i>U</i> A.A	A PURM: K	COTINE WE	EILANDU	ETERMIN	ATION	Comm. ID: Pond OpenWater	
	Site: Dar						Date: 12 April 2005
Applican	t/Owner:	BOR /PR					County: Trivity
Investige	ator(s):		C. Bogo				State: California
Do norm	al circumsta	ances exist o				Photo 29	
		tly disturbed			Y or M	<del></del>	<del></del>
is the are	ea a potenti	al problem a		<u> </u>		- Charles	POLOCY
		VEGET	AHUN	· -	!		ROLOGY
					ŀ	Recorded Data (Desc stream, lake, or tide g	
Domi	nant Plant	Species	Cover	Stratum	i Indicator	☐ stream, lake, or tide g ☑ aerial photographs	auge
1.	Herr L telet	Opecies	COVE	Suatum	nuicatur	O other	
				<u> </u>	-/-		
2.					<u> </u>	☐ No Recorded data available	aliable
3.						Field Observation:	
4.					i —	Depth of Surface Water:	> <u>/</u> Z(in.)
				<del> </del>	<del> </del>	Depth to Free Water in Pit:	
5.				<u> </u>	<u> </u>		
6.						Depth to Saturated Soil:	<i>~/A</i> (in.)
7.					1	Wetland Hydr	ology Indicators
8.		/		<del> </del>	<b> </b>	Primary Indicators	Secondary Indicators
					ļ		
9.					Ì	Ninundated Nisaturated in upper 12 "	oxidized root channels in upper 12"  water-stained leaves
10.	_			<del></del>	<del>                                     </del>	Mater marks	D local soil survey data
· /	double and a	lan Abril Al	FACUE	10 7/2	l	O drift lines	D FAC-neutral test
Percent of	dominant spec	ies that are OB	L, FACW or F	AU/_A	-	Sediment deposits O drainage patterns in wetlands	O other (explain in remarks)
Remarks:	11	4.				Remarks:	
	No vigeta-	tion presen	t , wecept	tringe of	Cattails.	Sufficient wetland lydio	lon V indicators
							-17
						ILS	
		nes and Pha		Recoluse.	<del>v15 - Att</del>	T, Drape Deerge Tailings	Drainage Class: Well
		ip): Xeroili				E-470 Elep-S	Field Observations Confirm
					/ 1 1		
		RCS Field Of				inclusions	Mapped Type? Y N UNK
Depth	tatus on NF Horizon	RCS Field Of Matrix Color		Mo	w/ hydi		Mapped Type? (Y) N UNK Remarks:
			Mottle	Mo	attie	inclusions	Mapped Type? (Y) N UNK Remarks:
			Mottle	Mo	attie	inclusions	Mapped Type? (Y) N UNK Remarks:
			Mottle	Mo	attie	inclusions	Mapped Type? (Y) N UNK Remarks:  Currently in and, left and depicted as such
			Mottle	Mo	attie	inclusions	Mapped Type? (Y) N UNK Remarks:
Depth	Horizon	Matrix Color	Mottle Colors	Abundand	Attle ce/contrast	Texture, Concretions, Structure, Etc.	Mapped Type? (Y) N UNK Remarks:  ( wrichly inmobiled and depicted as such on 2001 deriol.
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DATA	A FORM: R	OO 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		E LEMIN		Collisti.	D. FIAN DIMENSE	Wetland Plot ID: DP 28
Project/S	Site:≥a	rk Gulah						Date: 12 April 2005
		BOR/Pr	iva te					County: Trust
Investiga	ator(s):		C. Bogo					State: California
		ances exist (			Explain: _	Tana	10 29	<del></del>
Is the sit	e significant	tly disturbed	(atypical s	ituation)?	Yorky _			
is the ar	ea a potenti	al problem a	Irea? Y OR	<u> </u>		<del></del>	HVD	ROLOGY
		VEGE	AIION		1		Recorded Data (Des	
ŀ					į	<b>P</b> 2	stream, lake, or tide	
Domi	inant Plant	Species	Cover	Stratum	Indicator	-83	aerial photographs	juugo
_						1 0	other	
l <del>a - \ \</del> (	12-12-12-12-12-12-12-12-12-12-12-12-12-1		95	1-1-1	OPSL_	4	No Recorded data as	rojioble
2.	en Wat	er	5	N/A_	N/A_	10	No Recorded data at	Allable
3.				į	ĺ		servation:	
4.					1	Depth of	f Surface Water:	4-6 (in.)
5.				<del>                                     </del>	<del>                                     </del>		Free Water in Pit:	
					<u> </u>			
6.				İ	İ	Depth to	Saturated Soil:	<i>∕∕/A</i> (in.)
7.								rology Indicators
8.				<del>                                     </del>	<del></del>	<del> </del>	Primary Indicators	Secondary Indicators
				ļ	ļ	<del></del>		<u> </u>
9.					1	M inundate	ed ed in upper 12 "	☐ oxidized root channels in upper 12" ☐ water-stained leaves
10.			-	<del>                                     </del>		Ø water m	arks.	☐ local soll survey data
ŧ	domic	les that are OB	EAGLE ===	100 17 2	10-5	drift lines	•	EXFAC-neutral test
Percent or	dominant spec	ies trat are OB	L, PACVV OF FA	AC 1/1 =	100%	⊠ sedimen ☐ drainage	n deposits e patterns in wettands	O other (explain in remarks)
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Map Uni	t Name (Se	ries and Pha	ise): <u>102-</u>	Kertlusen	13 - A-1-1er, î	Dunps, C	2 postio Tollings	Drainage Class: Well
Laxonon	ny (Subgrou	ıp): <u>       ∕    ∕                        </u>	Fooling	Non-hya			Z-9% slepes	Field Observations Confirm Mapped Type? (Y) N UNK
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Denth	Horizon	Matrix Color	Mottle	i Mo	affle			
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Hydric S	oil Indicator Histosol Histic Epipe	8: edon	Colors	Positive Gleyed of High org	alpha-alphor low-chro	Texture, (	concretions, Structure, Etc yl test s ace layer in sandy soil	Remarks:  Currently immdated indicating area is  frequently pended for larged docation.
Hydric S	oil Indicator Histosol Histic Epipe Sulfidic ode	s: edon or	Colors	Positive Gleyed of High org Organic	alpha-alphor low-chroganic conte	Texture, (  na dipyridema colorent in surfain sandy s	yl test s ace layer in sandy soils	Remarks:  Currently immdated indicating area is  frequently pended for larged docation.
Hydric S	oil Indicator Histosol Histic Epipe Sulfidic ode Aquic mois	s: edon or ture regime	Colors	Positive Gleyed of High org Organic Listed of	alpha-alphor low-chroganic conte	Texture, (  na dipyridy  ma color  ent in surfa  in sandy s  lric soils li	yl test s ace layer in sandy soils ist	Remarks:  Currently immdated indicating area is  frequently pended for larged docation.
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DATA	FORM: R	OUTINE WE	TLAND D	ETERMIN	ATION	Comm. I	D: Valand		Plot ID:P29
Project/S	Site:	Park Gu	ch					Date:	12 April 2005
Applican	t/Owner:	BOR PR	auste _					County	:Trivity
Investiga	ator(s):	nces exist o	C. Bogo	18	Francisco	77 -1.	20	State:	California
Do norm	al circumsta	ances exist o ily disturbed	on the site?	/ ()// OF N situation \2	Explain: _	Photo	27		- <del></del>
		al problem a			. 010				
io the di	ou a potenta	VEGET					H	YDROLOGY	
						ĮQ	Recorded Data (D		emarks)
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	nant Plant	Species	Cover	Stratum	Indicator	128T	aerial photograph	S	
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2. E.	odian		30			[0	No Recorded data	a available	
	00(1011		20			Field Ob	servation:		
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5.									
6.						Depth to	Saturated Soil:		
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Percent of	dominant speci	les that are OBI	L, FACW or F	AC		☑ sedimen	t deposits	1	(explain In remarks)
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rtumarks:									<i>t</i>
ĺ						No	wetland hy	aralegy in	diates,
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0-6"	Horizon	Matrix Color	Mottle Colors	Abundance Positive	ettle e/contrast A alpha-alph	Texture, C	Concretions, Structure	, Etc. Remai	ks:
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DAIA	FORM: ROUTINE WI	EI LAND D	ETERMIN	AHON	Comm. ID: Pexennial Area	
Project/S	lite: Dark Gulch					Date: 12 April 2005
Applicant	t/Owner: BOR /POV	a-1.0				County: Trivity
investiga	ntor(s):	1 C. Bogg				State: California
	al circumstances exist o				thata 30	<del></del>
Is the site	e significantly disturbed	(atypical s	ituation)?	YorA® _	<u> </u>	
is the are	ea a potential problem a	rea? Y or	<u>N</u>		LIVOR	01.007
<u></u>	VEGET	ATION				OLOGY
1			į		Recorded Data (Descr	
J					stream, lake, or tide ga	luge
4	nant Plant Species	Соуег	Stratum	Indicator		
1. 5ali	x exigua	20	5	OBL		
	ntago lauceolata	25	H	FAC-	No Recorded data ava	ilable
	outha spicata	10	1-	<del></del>	Field Observation:	
14	,			<del> </del>	Depth of Surface Water:	_/(in.)
F10	olous langitus	10	H	<u> </u>		
5. CYE	perus elderistis	10	<u>H</u>		Depth to Free Water in Pit:	<u>~//A(in.)</u>
· '	bble/gravel	10	N/A	N/A	Depth to Saturated Soil:	<i>√/A</i> (in.)
	D					ology Indicators
<u></u>	bus distrolor	10	5	FACW	Primary Indicators	Secondary Indicators
8. Eg	Lisotum Bucuigation	5	1-1-			
9.	<del>-</del>		į	į	Xinundated A saturated in upper 12"	Coxidized root channels in upper 12"  water-stained leaves
10.			<u> </u>		water marks	න් local soil survey data
			<u> </u>	<u> </u>	Stdrift lines	☐ FAC-neutral test
Percent of a	dominant species that are OB	L, FACW of F	AC - 7/1	<u>0</u> 80	sediment deposits Strainage patterns in wettands	O other (explain in remarks)
Remarks:	1/1/1/1/19	_t .		1. 1.4	Remarks:	1 ·
	Hydrophytic vegeto	الما المات الم	Thin Ot	1 W M	Sufficient wetland	hydrology indicates
	of sives.					<i>t</i> 1/
					DILS	
Map Unit	t Name (Series and Pha	ase): <u>217</u>	7 - Xerus	lusents-K	everwish complex, 0-5% - lepes	Drainage Class:well
	ny (Subgroup): Xcs A					Field Observations Confirm
	tatus on NRCS Field Of		Hydric		Texture Concretions Structure Ftc	Mapped Type?(Y) N UNK
Depth	Horizon Matrix Color		Mo	ottle ce/contrast	Texture, Concretions, Structure, Etc.	
		Mottle	Mo	ottle	Texture, Concretions, Structure, Etc.	Remarks:
		Mottle	Mo	ottle	Texture, Concretions, Structure, Etc.	Remarks: No pit day. Too
		Mottle	Mo	ottle	Texture, Concretions, Structure, Etc.	Remarks:
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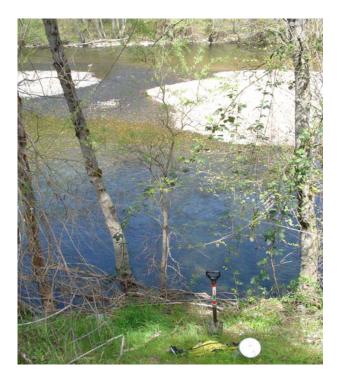
## APPENDIX **C**

Data Point Photographs

## Photographs to Support the Trinity River Mechanical Channel Rehabilitation Project Lewiston 1-4 and Dark Gulch Sites Delineation of Waters of the United States including Wetlands



**Photo 16.** View of ephemeral drainage and corresponding data points. Clipboard in channel represents data point 1 (ephemeral drainage) and shovel on right represents data point 2 (upland).



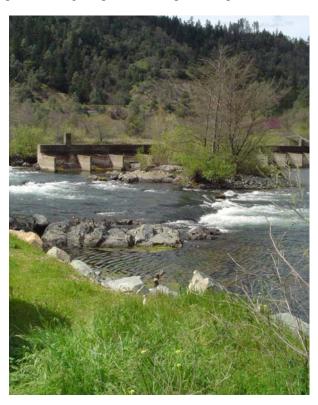
**Photo 17.** View of Trinity River and data point locations. Draft lines and the river itself represent data point 3 (perennial stream) and shovel in foreground represents data point 4 (upland).



**Photo 18.** View of intermittent drainage and corresponding data points. The channel represents data point 5 (intermittent drainage) and shovel on right represents data point 6 (upland).



**Photo 19.** View of riparian wetland and corresponding data points. Shovel represents data point 7 (riparian wetland) and clipboard on right represents data point 8 (upland).



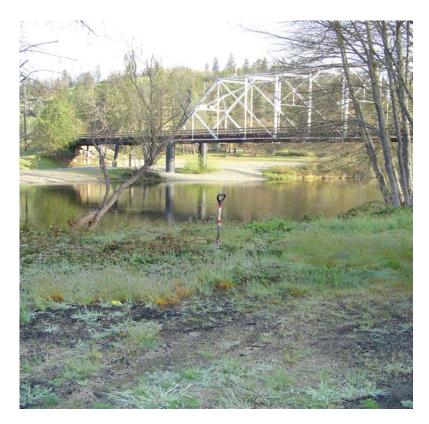
**Photo 20.** View of Trinity River and data point locations. The river itself represents data point 9 (perennial stream) and herbaceous vegetation in foreground represents data point 10 (upland).



**Photo 21.** View of OHWM for Trinity River and data point locations. Shovel represents data point 11 (perennial stream) and is located within the OHWM. Clipboard and GPS unit in foreground represent data point 12 (upland).



**Photo 22.** View of intermittent drainage and corresponding data points. Shovel in channel represents data point 13 (intermittent drainage) and clipboard on right represents data point 14 (upland).



**Photo 23.** View of OHWM for Trinity River and data point locations. Shovel in center represents data point 15 (perennial stream) and is located within the OHWM. Sandy soil in foreground represents data point 16 (upland).



**Photo 24.** View of Trinity River and corresponding data points. The river itself represents data point 17 (perennial stream). Shovel on left represents data point 18 (upland).



**Photo 25.** View of Trinity River and data point locations. The river itself and thin riparian boarder represent data point 19 (perennial stream). Field equipment in foreground represents data point 20 (upland).



**Photo 26.** View of fresh emergent wetland and corresponding data points. Cattails and water represent data point 21 (fresh emergent wetland) and shovel on right represents data point 22 (upland).



**Photo 27.** View of OHWM for Trinity River and data point locations. Shovel represents data point 23 (perennial stream) and is located within the OHWM. Vest in foreground represents data point 24 (upland).



**Photo 28.** View of riparian wetland and corresponding data points. Cattails and blackberries represent data point 25 (riparian wetland) and shovel in lower right represents data point 26 (upland).



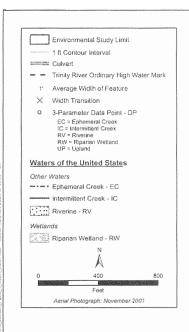
**Photo 29.** View of open water, fresh emergent wetland, and data point locations. The water itself represents data point 27 (open water). The thin band of cattails and rushes represents data point 28 (fresh emergent wetland) and shovel on right represents data point 29 (upland).



**Photo 30.** View of OHWM for Trinity River and data point locations. Drift lines in center represents data point 30 (perennial stream) and is located within the OHWM. Shovel on right represents data point 31 (upland).



Figure 4, Sheets 1-3 Boundaries of Waters (B/W)

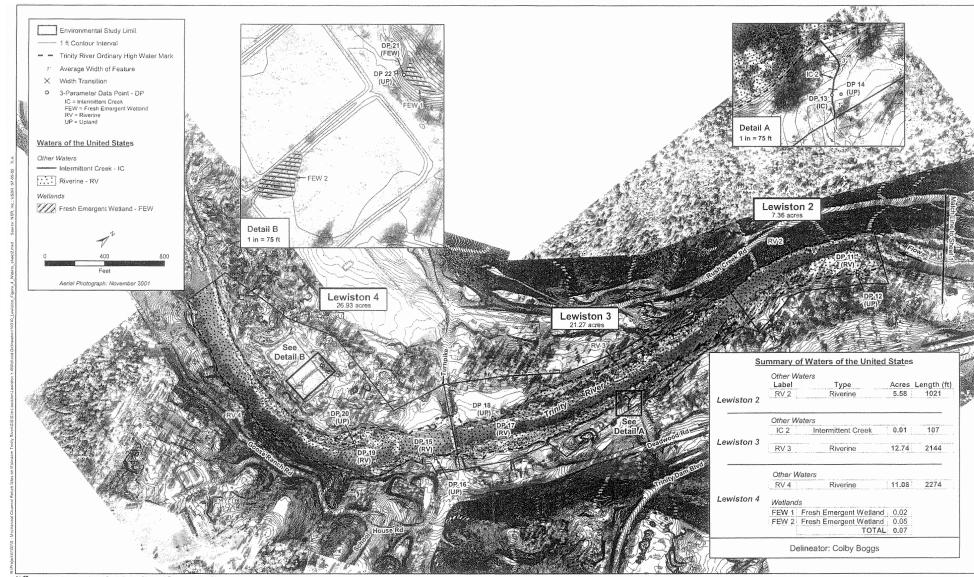


Other M	Type	Acres	Length (ft
EC 1	Ephemeral Creek	0.004	95
	12promora order		
IC 1	Intermittent Creek	0.01	84
	·y		
RV 1	Riverine	25.61	3622
Wetland	is		
RW 1	Riparian Wetland	2.65	



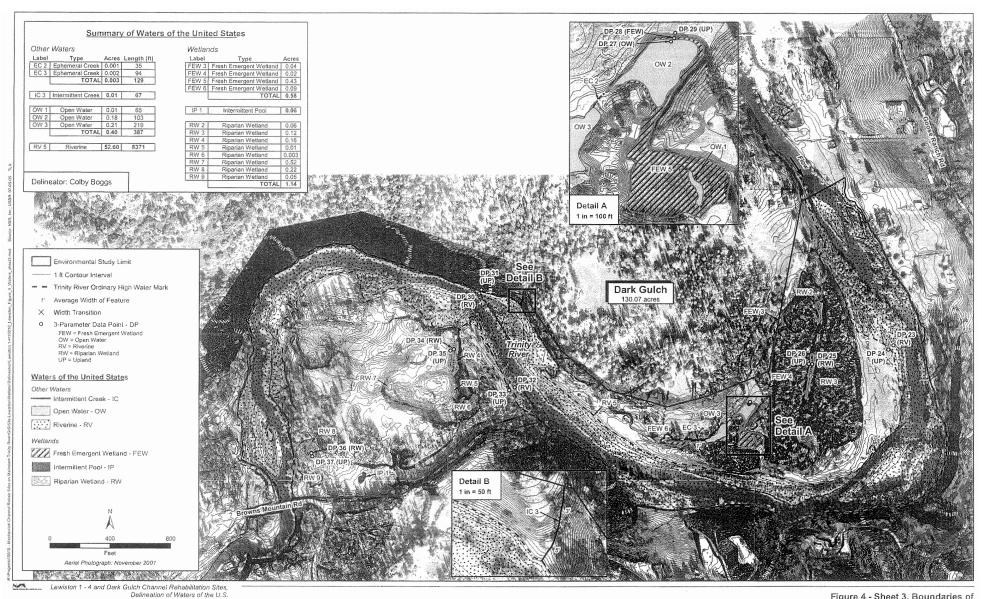
Lewiston 1 - 4 and Dark Gulch Channel Rehabilitation Sites,

Delineation of Waters of the U.S.



Lewiston 1 - 4 and Dark Gulch Channel Rehabilitation Sites, Delineation of Waters of the U.S.

Figure 4 - Sheet 2. Boundaries of Waters of the United States, Including Wetlands July, 2005



This definantion of waters of the United States, including wellands, is subject to verification by the U.S. Army Corps of Engineers (ACOE).

NSR advises all parties to treat the information contained herein as preliminary until the ACOE provides written verification of the boundaries of their jurisdiction.

Figure 4 - Sheet 3. Boundaries of Waters of the United States, Including Wetlands July, 2005