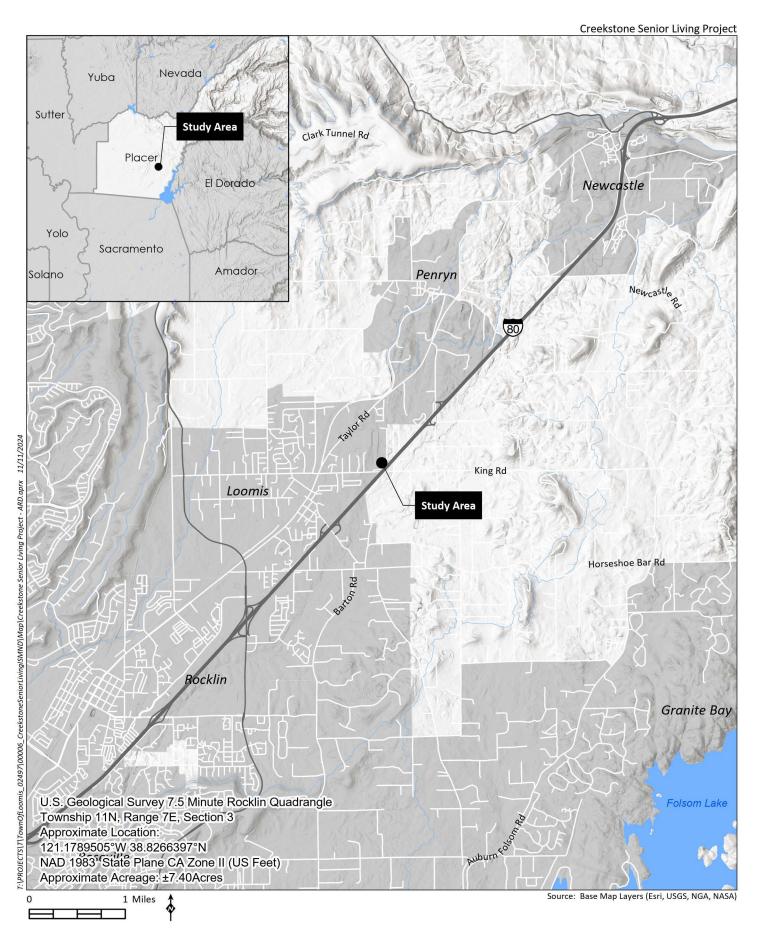
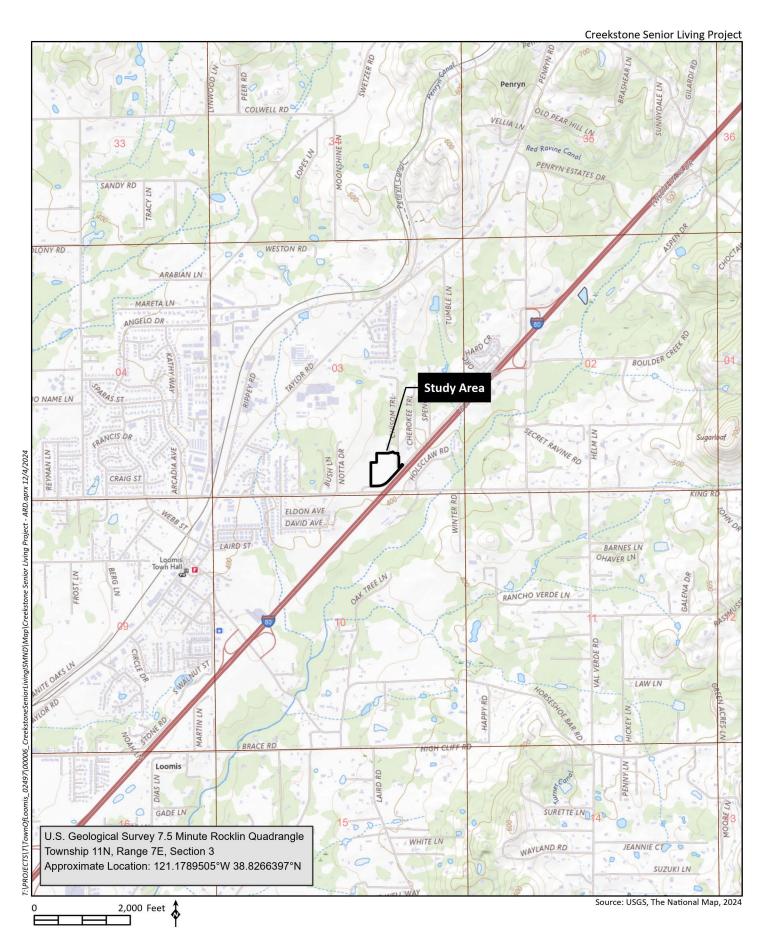
Appendix A

Figures



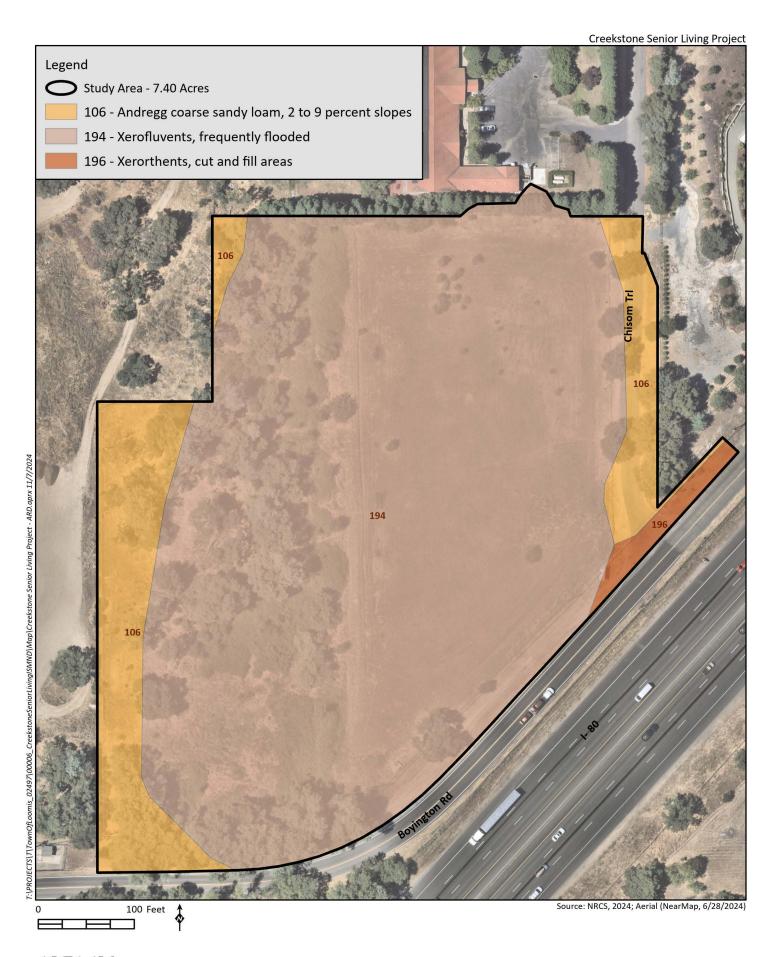




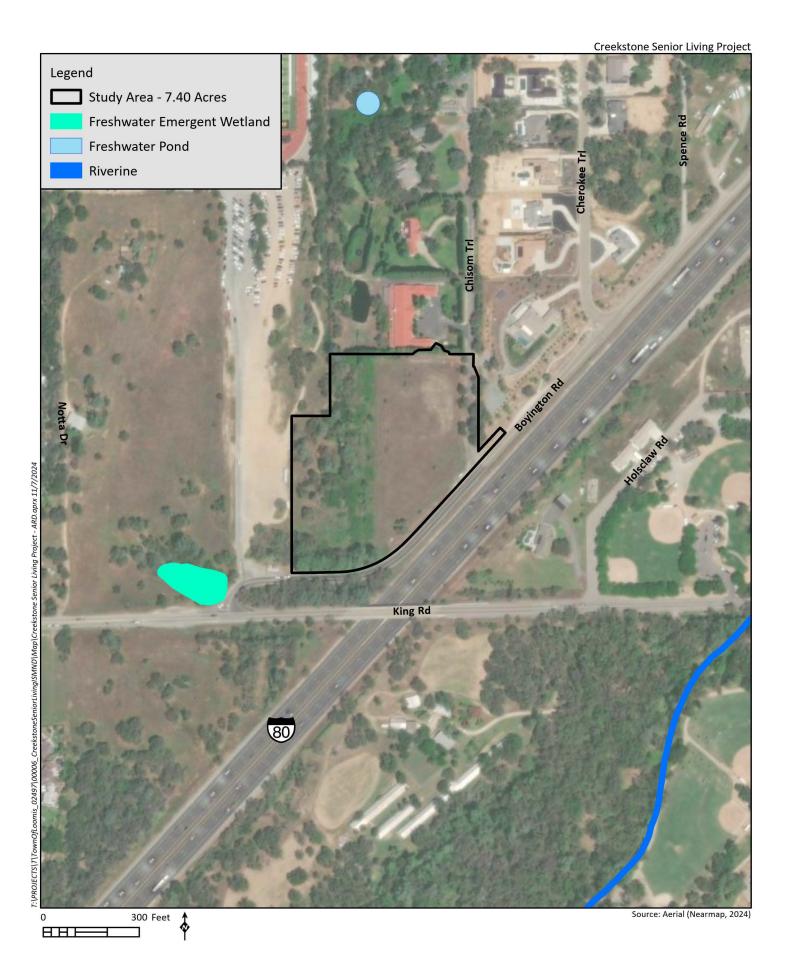








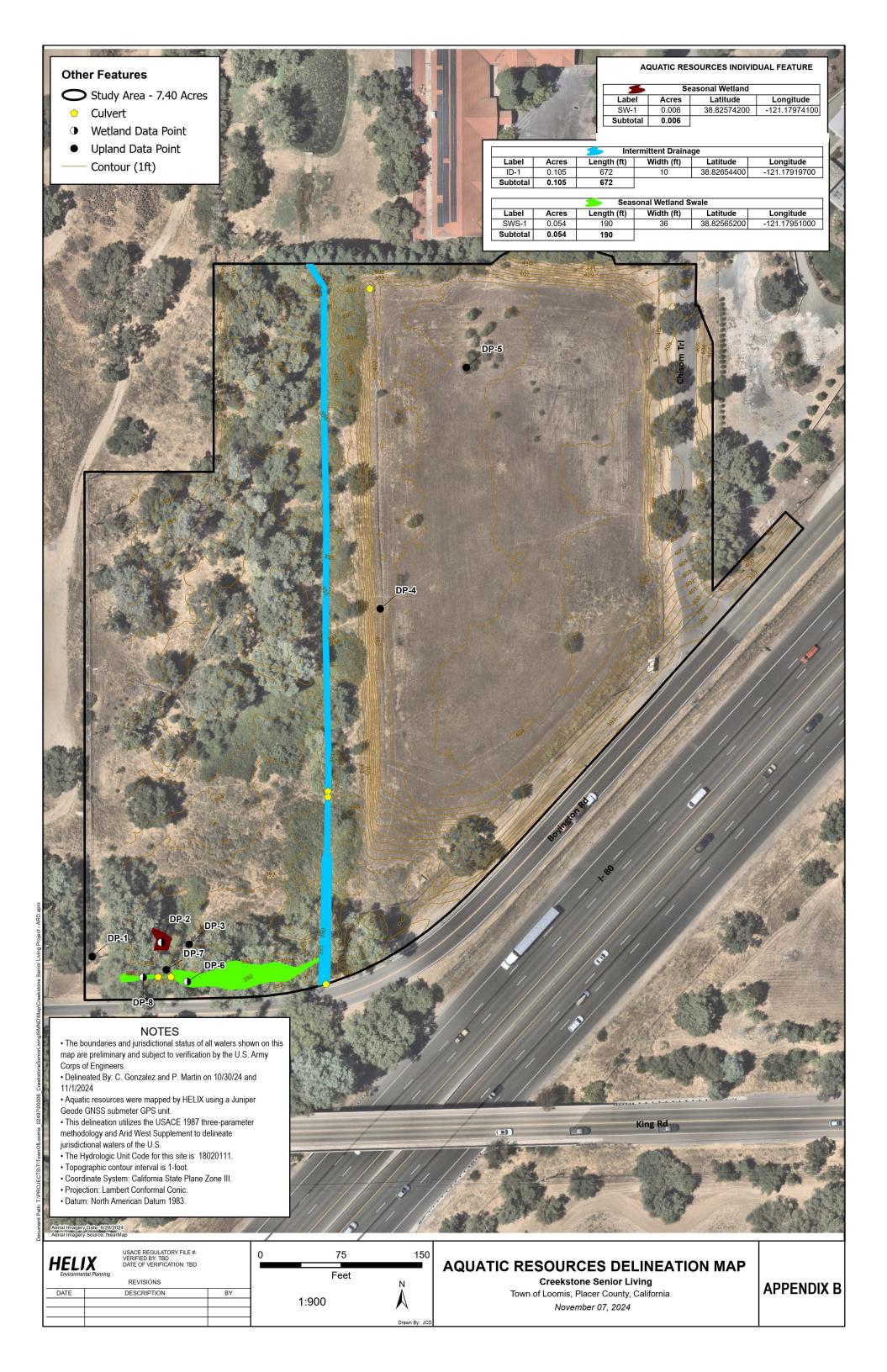






Appendix B

Aquatic Resources Delineation Map



Appendix C

Plant Species Observed in the Study Area

Family	Scientific Name	Common Name	Rating ¹
Native			
Agavaceae	Chlorogalum pomeridianum	soaproot	NI
Anacardiaceae	Toxicodendron diversilobum	poison oak	FACU
Asteraceae	Baccharis pilularis	coyote brush	NI
	Madia elegans	common madia	NI
	Xanthium orientale	common cocklebur	NI
Cyperaceae	Carex praegracilis	field sedge	FACW
	Cyperus eragrostis	tall flatsedge	FACW
	Schoenoplectus californicus	California bulrush	OBL
Euphorbiaceae	Croton setiger	turkey-mullein	NI
Fabaceae	Acmispon americanus	Spanish lotus	UPL
Fagaceae	Quercus douglasii	blue oak	NI
	Quercus lobata	valley oak	FACU
	Quercus wislizeni	interior live oak	NI
Juncaceae	Juncus xiphioides	iris leaved rush	OBL
Pinaceae	Pinus sabiniana	gray pine	NI
Salicaceae	Populus fremontii	Fremont cottonwood	FACW
	Salix exigua	narrow leaved willow	FACW
	Salix gooddingii	Goodding's willow	FACW
Vitaceae	Vitis californica	California wild grape	FACU
Non-native	<u> </u>		<u>.</u>
Apiaceae	Torilis arvensis	tall sock-destroyer	NI
Apocynaceae	Vinca major	greater periwinkle	FACU
Apocynaceae Asteraceae	Centaurea solstitialis	yellow star-thistle	NI
	Chondrilla juncea	rush skeleton weed	NI
	Lactuca serriola	prickly lettuce	FACU
Brassicaceae	Brassica nigra	black mustard	NI
Fabaceae	Trifolium hirtum	rose clover	NI
	Vicia sativa	common vetch	FACU
Geraniaceae	Erodium botrys	big heron bill	FACU
	Geranium dissectum	wild geranium	NI
Lamiaceae	Mentha pulegium	pennyroyal	OBL
	Trichostema lanceolatum	vinegarweed	FACU
Poaceae	Avena fatua	wild oats	NI
	Bromus diandrus	ripgut brome	NI
	Bromus hordeaceus	soft brome	FACU
	Cynodon dactylon	Bermuda grass	FACU
	Cynosurus echinatus	dogtail grass	NI
	Elymus caput-medusae	medusahead	NI
	Festuca perennis	Italian ryegrass	FAC
	Hordeum marinum	Mediterranean barley	FAC
Polygonaceae	Rumex crispus	curly dock	FAC
Rosaceae	Rubus armeniacus	Himalayan blackberry	FAC
Typhaceae	Typha angustifolia	narrow leaf cattail	OBL

¹ FAC – facultative; FACU – facultative upland; FACW – facultative wetland; OBL – obligate; UPL – upland; NI – reviewed but given no regional indicator



Scientific and common names from: Baldwin, B.G., D.H. Goldman, D.J. Keil, R. Patterson, T.J. Rosatti, D.H. Wilken, Editors. 2012. The Jepson Manual: Vascular Plants of California, second edition. University of California Press, Berkley or U.S. Army Corps of Engineers Cold Regions Research and Engineering Laboratory, *Arid West 2022 Regional Wetland Plant List* (USACE 2022)



Appendix D

Wetland Determination Data Forms

Project/Site: Creekstone Senior Living	(City/County	Placer		Sampling Date: _	10/30/24
Applicant/Owner: Town of Loomis				State: CA	Sampling Point: _	1
Investigator(s): C. Gonzalez and P. Martin	;	Section, To	wnship, Ra	nge: Section 3, T 11N, F	R 7E	
Landform (hillslope, terrace, etc.): Terrace		Local relief	(concave,	convex, none): Concave	Slop	e (%): 0-3
Subregion (LRR): C						
Soil Map Unit Name: Andregg coarse sandy loam, 2 to						
Are climatic / hydrologic conditions on the site typical for this	time of year	ar? Yes	✓_ No_	(If no, explain in R	emarks.)	
Are Vegetation, Soil, or Hydrologysi	gnificantly of	disturbed?	Are "	Normal Circumstances" p	resent? Yes <u> </u>	, No
Are Vegetation, Soil, or Hydrologyn	aturally prol	blematic?	(If ne	eded, explain any answe	rs in Remarks.)	
SUMMARY OF FINDINGS – Attach site map	showing	samplin	g point l	ocations, transects	, important fea	atures, etc.
Hydrophytic Vegetation Present? Yes No	· ·					
Hydric Soil Present? Yes No	· /		e Sampled in a Wetlar		No ✓	
Wetland Hydrology Present? Yes No		with	ın a wetiai	id? fes	NO	
Remarks:						
Datapoint location likely floods from adjace soil formation. Wetland plant species prese						or hydric
Soli formation. Wetiand plant species prese	ent in un	uerstory	but can	lopy dominated by	Uaks.	
VEGETATION – Use scientific names of plant				,		
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?		Dominance Test work		
1. Quercus wislizeni	_			Number of Dominant Sp That Are OBL, FACW, of		(A)
2. Quercus lobata		Υ				()
3.				Total Number of Domini Species Across All Stra		(B)
4						
		= Total Co	ver	Percent of Dominant Sp That Are OBL, FACW, of		(A/B)
Sapling/Shrub Stratum (Plot size:)						
1				Prevalence Index worl		L
2				Total % Cover of:	x 1 =	
3				OBL species $\frac{3}{2}$		4
4					~	285
5		= Total Co		FACU species 15		60
Herb Stratum (Plot size:)		= 10ta100	VCI	UPL species 10		50
1. Festuca perennis	90	Y	FAC	Column Totals: 12		102 (B)
2. Cyperus eragrostis	2	N	FACW			` '
3. Rumex crispus	5	N	<u>FAC</u>		= B/A =3.2	22
4. Cynosurus echinatus	5	<u>N</u>		Hydrophytic Vegetation		
5. Juncus xiphioides	3	N	OBL	Dominance Test is		
6				Prevalence Index is		
7				Morphological Adaş data in Remarks	ptations" (Provide s s or on a separate s	
8				Problematic Hydror		,
Woody Vine Stratum (Plot size:)	103	= Total Co	ver			
1				¹ Indicators of hydric soil		
2.				be present, unless distu	ırbed or problemati	C.
		= Total Co	ver	Hydrophytic		
% Bare Ground in Herb Stratum % Cover	of Biotic Cr	rust		Vegetation Present? Yes	s No_•	,
Remarks:				100		
Understory is dominated by hydrophytic sp	ecies hi	it oak tr	es dom	inate the canony		
onacistory is dominated by hydrophytic sp	CCIES DU	it oak iit	Les donn	mate the campy.		

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Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

"Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. "Location: PL=Pone Lining, M=Matrix. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators (App
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
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Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)
Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) LRR C) Depleted Matrix (F2) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Compaction Depth (inches): 5 Hydrology Indicators: Redox is present on lower 2in. of soil pit. Shovel refusal at 5in. depth. Hydric Soil Present? Yes No V Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more required) Hydrology Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more required) Hydrology Indicators (2 or more required) Hydrology Indicators (Minimum of one required; check all that apply) Secondary Indicators (2 or more required) Hydrology Indicators (2 or more required) Surface Water (A1) Self (Nonriverine) Presence of Reduced Iron (C4) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Drainage Patterns (B10) Sediment Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B8) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches):
Histic Epipedon (A2)
Black Histic (A3)
Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 orm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Sandy Gleyed Matrix (S4) unless disturbed or problematic. Restrictive Layer (if present): Type: Compaction Depth (inches): 5 Hydric Soil Present? Yes No Vernal Pools (F1) Redox is present on lower 2in. of soil pit. Shovel refusal at 5in. depth. Hydric Soil Present? Yes No Vernal Pools (F1) Surface Water (A1) Salt Crust (B11) Secondary Indicators (2 or more required) Surface Water (A1) Salt Crust (B12) Sediment Deposits (B2) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drift Deposits (B2) (Riverine) Water Marks (B1) (Nonriverine) Aquatic Invertebrates (B13) Drift Deposits (B3) (Riverine) Surface Soil Cracks (B6) Recent from Remarks) Water Marks (B1) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Dry-Season Water Table (C2) Dry-Season Water Table (C2) Dry-Season Water Table (C3) Dry-Season Water Table (C
Depleted Below Dark Surface (A11)
Thick Dark Surface (A12)
Restrictive Layer (if present): Type: Compaction Depth (inches): 5
Type: Compaction Depth (inches): 5
Remarks: Redox is present on lower 2in. of soil pit. Shovel refusal at 5in. depth. Secondary Indicators: Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more required) Sufface Water (A1) Salt Crust (B11) Water Table (A2) Biotic Crust (B12) Sediment Deposits (B2) (Riverine) Sufface Water (A3) Aquatic Invertebrates (B13) Drift Deposits (B2) (Riverine) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Mo Depth (inches): Wetland Hydrology Present? Yes No Depth (includes capillary fringe)
Remarks: Redox is present on lower 2in. of soil pit. Shovel refusal at 5in. depth. ### Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more required) Secondary Indicators (2 or more required) Secondary Indicators (2 or more required) Water Marks (B1) (Riverine) High Water Table (A2) Salt Crust (B11) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Poift Deposits (B2) (Riverine) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No No Wetland Hydrology Present? Yes No No Wetland Hydrology Present? Yes No (includes capillary fringe)
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Saturation (A3) Aquatic Invertebrates (B13) Drift Deposits (B3) (Riverine) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) In Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No No Depth (inches): Wetland Hydrology Present? Yes No No No Depth (inches): Wetland Hydrology Present? Yes No No No No Depth (inches): No No Present Present? Yes Yes No Depth (inches): Wetland Hydrology Present? Yes No No No
Water Marks (B1) (Nonriverine)
Sediment Deposits (B2) (Nonriverine)
Drift Deposits (B3) (Nonriverine)
Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Vater-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Ves No Ves No Ves No Ves No Ves No Ves Ves No Ves Ves No Ves
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Includes capillary fringe)
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Wetland Hydrology Present? Yes No (includes):
Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wes No Depth (inches): Wes No Depth (inches): Wes No Depth (inches): Wes No No Depth (inches): Wes No
Surface Water Present? Yes No _v _ Depth (inches): Water Table Present? Yes No _v _ Depth (inches): Saturation Present? Yes No _v _ Depth (inches): (includes capillary fringe) Wetland Hydrology Present? Yes _v No
Water Table Present? Yes No _v _ Depth (inches): Saturation Present? Yes No _v _ Depth (inches): (includes capillary fringe) Wetland Hydrology Present? Yesv _ No
Saturation Present? Yes No V Depth (inches): Wetland Hydrology Present? Yes No
(includes capillary fringe)
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Remarks:
A drainage is present adjacent to datapoint location with obvious flow patterns and water marks. Area likely
floods to datapoint location.
•
·

Project/Site: Creekstone Senior Living	(City/Cou	_{nty:} Placer		Sampling Date: _	10/30/24
Applicant/Owner: Town of Loomis				State: CA		
Investigator(s): C. Gonzalez and P. Martin	;					
Landform (hillslope, terrace, etc.): Terrace		Local re	lief (concave,	convex, none): Concave	Slop	e (%): 0-3
Subregion (LRR): C						
Soil Map Unit Name: Xerofluvents, frequently flooded				NWI classific		
Are climatic / hydrologic conditions on the site typical for this						
Are Vegetation, Soil, or Hydrology sig	-			Normal Circumstances" p		, No
Are Vegetation, Soil, or Hydrology na	-			eded, explain any answe		
SUMMARY OF FINDINGS – Attach site map s	howing	sampl	ling point le	ocations, transects	, important fea	atures, etc.
Hydrophytic Vegetation Present? Yes No			s the Sampled			
Hydric Soil Present? Yes <u>✓</u> No			ithin a Wetlar،		′ No	
Wetland Hydrology Present? Yes No		•	itimi a wettai	iu: 163 <u></u>		
Remarks:						
Datapoint is in a depression adjacent to a drainage. from the drainage to the area. Problematic soil concappears to be a seasonal wetland that receives flow	litions ex	ist and	the area me	ets the definition for p	problematic soil.	Area
VEGETATION – Use scientific names of plants	S.					
			ant Indicator	Dominance Test work	sheet:	
			s? Status	Number of Dominant S	pecies	
1				That Are OBL, FACW,	or FAC:2	(A)
2				Total Number of Domin		(5)
3				Species Across All Stra	ıta: <u>2</u>	(B)
4				Percent of Dominant Sp That Are OBL, FACW,		0 (A/B)
1				Prevalence Index wor	ksheet:	
2				Total % Cover of:		by:
3.				OBL species		
4.				FACW species		
5				FAC species	x 3 =	
			Cover	FACU species	x 4 =	
Herb Stratum (Plot size:)	15	N.	FACIL	UPL species	x 5 =	
1. Cyanodon dactylon	15	N	FACU	Column Totals:	(A)	(B)
2. Cyperus eragrostis	<u>2</u> 3	N	FACW FAC	Prevalence Index	: = B/A =	
3. Rumex crispus 4. Carex praegracilis	 85	Y	FACW	Hydrophytic Vegetation	·	
5. Juncus xiphioides	10	N	OBL	✓ Dominance Test is		
6. Mentha pulegium	2	N	OBL	Prevalence Index is		
7		-		Morphological Ada		supporting
8				data in Remarks	s or on a separate s	sheet)
		= Total	Cover	Problematic Hydro	phytic Vegetation ¹ ((Explain)
Woody Vine Stratum (Plot size:)						
1. Rubus armeniacus	25	Y	FAC	¹ Indicators of hydric soi be present, unless distu		
2				, ,		
	25	= Total	Cover	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum % Cover of	of Biotic Cı	rust			s <u>/</u> No	
Remarks:						
Blackberry and other vegetation is mowed i	n area.					

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rofile Desc	cription: (Describe to t	he depth nec	eded to docur	nent the i	ndicator	or confirm	n the absence	of indicators)
Depth	Matrix	o dopin noo		x Features				o. maioatoroly
(inches)	Color (moist)	% Co	lor (moist)	<u> </u>	_Type ¹	Loc²	Texture	Remarks
0 - 3	7.5 YR 3/3 1	.00					Coarse Lo.	Redox visible when dry
Type: C=C	concentration, D=Depletion	on, RM=Redu	ced Matrix, CS	S=Covered	or Coate	d Sand G	rains. ² Lo	cation: PL=Pore Lining, M=Matrix.
lydric Soil	Indicators: (Applicable	e to all LRRs	unless other	rwise note	ed.)		Indicators	for Problematic Hydric Soils ³ :
Histosol	` ,	_	_ Sandy Red	. ,				Muck (A9) (LRR C)
	pipedon (A2)	_	_ Stripped Ma					Muck (A10) (LRR B)
	istic (A3)	_	_ Loamy Muc					ed Vertic (F18)
	en Sulfide (A4)	_	_ Loamy Gley		(F2)			arent Material (TF2)
	d Layers (A5) (LRR C)	_	_ Depleted M		==\		<u>✓</u> Other	(Explain in Remarks)
	uck (A9) (LRR D)		_ Redox Dark	,	,			
	d Below Dark Surface (A	<u> </u>	_ Depleted Da				3lm diaatara	of hydrophytic vegetation and
	ark Surface (A12)	_	_ Redox Dep		-8)			of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		_ Vernal Pool	S (F9)				hydrology must be present, listurbed or problematic.
	Layer (if present):						uniess c	isturbed of problematic.
Type: Be								
,								
Depth (in	iches): 3						Hydric Soi	Present? Yes V No No
Remarks:								or no indicators (pg.97). Soil able surface, likely bedrock.
Problemat contains fa imited sa	aint redox that disap turation depth likely					edrock is	s present ap	
ontains fairmited sa	aint redox that disap turation depth likely DGY					edrock is	s present ap	x. 5ft from area above the surfa
roblemat ontains fa imited sa YDROLO Vetland Hy	aint redox that disap turation depth likely OGY rdrology Indicators:	ontribute:	s to faint ind	dicators.		edrock is		x. 5ft from area above the surfa
roblemat ontains fa imited sa YDROLO Vetland Hy	aint redox that disap turation depth likely DGY	ontribute:	s to faint ind	dicators.		edrock is	Seco	x. 5ft from area above the surfa
roblemat ontains fa imited sa YDROLO Vetland Hy rimary India Surface	aint redox that disap turation depth likely OGY rdrology Indicators: cators (minimum of one	ontribute:	s to faint ind sk all that appl Salt Crust	y) (B11)		edrock is	<u>Seco</u>	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine)
Problemation from the contains	aint redox that disap turation depth likely OGY drology Indicators: cators (minimum of one	ontribute:	s to faint ind	y) (B11)		edrock is	<u>Seco</u>	x. 5ft from area above the surfa
roblemat ontains fa imited sa 'DROLO Vetland Hy rimary India Surface	aint redox that disapturation depth likely OGY Idrology Indicators: cators (minimum of one Water (A1) ater Table (A2)	ontribute:	s to faint ind ck all that appl Salt Crust Biotic Crust Aquatic In	y) (B11) st (B12) vertebrates	Large bo	edrock is	Seco <u>v</u> V <u>v</u> S	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine)
roblemat ontains for imited sa YDROLO Vetland Hy Primary India Surface High Wa	aint redox that disapturation depth likely OGY Idrology Indicators: cators (minimum of one Water (A1) ater Table (A2)	required; chec	s to faint ind ck all that appl Salt Crust Biotic Crus	y) (B11) st (B12) vertebrates	Large bo	edrock is	Seco \(\bu \) \(\bu \) \(\subseteq \) \(\bu \) \(\subseteq \) \(\bu \) \(\subseteq \) \(\supseteq \) \(\subseteq \) \(\subseteq \) \(\subseteq \) \(\supseteq	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
roblemat ontains fa imited sa 'PROLO Vetland Hy rimary Indi Surface High Wa Saturati Water M	aint redox that disapturation depth likely OGY Idrology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3)	required; chec	s to faint ind ck all that appl Salt Crust Biotic Crust Aquatic In	y) (B11) st (B12) vertebrates	Large bo		Seco \(\bu \) \(\bu \) \(\sum_{\text{\tiny{\tinit}\text{\texi\text{\tinit}\text{\text{\text{\text{\texi{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\til\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\ti}\text{\text{\text{\text{\text{\text{\texi}\til\tin\texi{\text{\texi}\text{\text{\texi}\text{\texi{\texi{\text{\text{\tex{	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine)
roblemate ontains for imited sar / DROLO / Jetland Hy rimary India _ Surface _ High Wa _ Saturati _ Water M _ Sedime	aint redox that disapturation depth likely OGY Idrology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverine)	required; chec	s to faint ind k all that appl Salt Crust Biotic Crust Aquatic In Hydrogen	y) (B11) st (B12) vertebrate: Sulfide Oc	s (B13) lor (C1) res along	Living Ro	Seco \(\bullet \) \(\bullet \) \(\subseteq \) \(\subse	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10)
roblematontains faimited sar /DROLO /etland Hy rimary India Surface High Wa Saturati Water Males Drift De	aint redox that disapturation depth likely OGY rdrology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriv	required; chec	ck all that appl Salt Crust Biotic Crus Aquatic In Hydrogen Oxidized F	y) (B11) st (B12) vertebrates Sulfide Oc Rhizospher of Reduce	s (B13) lor (C1) res along d Iron (C4	Living Ro	Seco V V V S U C Dts (C3) C	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Vediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2)
roblemat ontains fa imited sar /DROLO Vetland Hy rimary India Surface High Wa Saturati Water M Sedime Drift De Surface	aint redox that disapturation depth likely OGY Ordrology Indicators: cators (minimum of one Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine)	required; chec	s to faint ind ck all that appl Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F	y) (B11) st (B12) vertebrates Sulfide Oc Rhizospher of Reduce n Reduction	Earge books (B13) For (C1) For along d Iron (C2) For in Tille	Living Ro	Seco V V V S — C v I v I ots (C3) — C — C 6) — S	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Originage Patterns (B10) Ory-Season Water Table (C2) Crayfish Burrows (C8)

Yes _____ No ___ Depth (inches): ___

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

Yes _____ No ___ Depth (inches): _____

A drainage is present adjacent to datapoint location with obvious flow patterns and water marks. Area likely floods to datapoint location. Fence posts and rocks show water marks with sediment deposited in lower areas.

Water Table Present?

(includes capillary fringe)

Saturation Present?

Remarks:

Wetland Hydrology Present? Yes __ ✓ No

Project/Site: Creekstone Senior Living	(City/County	_{y:} <u>Placer</u>		Sampling I	Date:1	0/30/24
				State: CA			
Investigator(s): C. Gonzalez and P. Martin		Section, To	ownship, Rar	nge: Section 3, T 11	N, R 7E		
Landform (hillslope, terrace, etc.): Terrace		Local relie	ef (concave, o	convex, none): Conca	ve	Slope (°	%): <u>0-3</u>
Subregion (LRR): C	Lat: 38.8	325732		Long: 121.179651		Datum: N	IAD 83
Soil Map Unit Name: Andregg coarse sandy loam, 2 to 9				-			
Are climatic / hydrologic conditions on the site typical for this t							
Are Vegetation, Soil, or Hydrology sig	-			Normal Circumstance		es 🗸	No
Are Vegetation, Soil, or Hydrology nat				eded, explain any ans	·		
SUMMARY OF FINDINGS – Attach site map sl							res, etc.
				· · · · · · · · · · · · · · · · · · ·	<u> </u>		
Hydrophytic Vegetation Present? Yes No			he Sampled				
Wetland Hydrology Present? Yes No	~	witl	hin a Wetlan	id? Yes _	No _		
Remarks:							
Upland datapoint adjacent to a seasonal we	tland a	nd drair	nage. Are	a may occasiona	ally pond di	uring pe	riods of
high flows but no soil or hydrology indicator	s are pr	resent.		•			
VECETATION . He a significant and a significant							
VEGETATION – Use scientific names of plants		D	t tarbartan	B'			
	Absolute % Cover		t Indicator Status	Dominance Test w Number of Dominan			
1				That Are OBL, FAC		2	(A)
2				Total Number of Do	minant		
3				Species Across All S		2	(B)
4				Percent of Dominan	t Species		
Sapling/Shrub Stratum (Plot size:)		= Total Co	over	That Are OBL, FAC		100	(A/B)
1				Prevalence Index v	vorksheet:		
2.				Total % Cover of	of:	Multiply by:	<u>:</u>
3.				OBL species	x 1 :	=	
4		-		FACW species	x 2 =	=	
5				FAC species			
Herb Stratum (Plot size:		= Total Co	over	FACU species			
1. Cyanodon dactylon	15	N	FACU	UPL species			(D)
2. Cyperus eragrostis	2	N	FACW	Column Totals:	(A)		(B)
3. Carex praegracilis	90	Υ	FACW	Prevalence Inc	dex = B/A =		
4				Hydrophytic Veget	ation Indicato	rs:	
5		-		Dominance Tes			
6				Prevalence Inde			
7				Morphological A	Adaptations' (P arks or on a se		
8				Problematic Hy		•	•
Woody Vine Stratum (Plot size:)		= Total Co	over				
1. Rubus armeniacus	15	Υ	FAC	¹ Indicators of hydric			gy must
2				be present, unless of	listurbed or pro	blematic.	
	15	= Total Co	over	Hydrophytic			
% Bare Ground in Herb Stratum % Cover o	of Biotic Cr	rust		Vegetation Present?	Yes	No	_
Remarks:				<u> </u>			
Area is dominated by sedge. Blackberry is m	owed in	n area v	with new	growth visible.			
, 3: ::: ,				_			

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture	Remarks		
0 - 5	7.5 YR 3/3	95	7.5YR 5/6	5	С	M	Coarse Lo			
	•		•		<u> </u>		-			
	-									
					- ·		<u> </u>			
					_					
			_				. .	<u> </u>		
								<u> </u>		
			l=Reduced Matrix, C			ed Sand G	Grains. ² L	ocation: PL=Pore Lining, M=Matrix.		
Hydric Soil	Indicators: (Appli	cable to al	I LRRs, unless othe	erwise no	ted.)		Indicator	rs for Problematic Hydric Soils ³ :		
Histoso	` '		Sandy Red	. ,				Muck (A9) (LRR C)		
	pipedon (A2)		Stripped M					Muck (A10) (LRR B)		
	istic (A3)		Loamy Mu	-				uced Vertic (F18)		
	en Sulfide (A4)	C \	Loamy Gle	-				Parent Material (TF2)		
	d Layers (A5) (LRR uck (A9) (LRR D)	C)	Depleted M Redox Dar				Otne	er (Explain in Remarks)		
	ed Below Dark Surfa	ce (A11)	Depleted D		` '					
	ark Surface (A12)	00 (/ (/ / /	Redox Dep				³ Indicator	rs of hydrophytic vegetation and		
	Mucky Mineral (S1)		Vernal Poo		()			d hydrology must be present,		
-	Gleyed Matrix (S4)							disturbed or problematic.		
	Layer (if present):									
Type: Co	ompaction/bedro	ck?								
Depth (in	iches): <u>5</u>						Hydric Sc	oil Present? Yes No		
Remarks:										
IYDROLO)GY									
Wetland Hy	drology Indicators	3 :								
Primary Indi	cators (minimum of	one require	ed; check all that app	ly)			<u>Sec</u>	ondary Indicators (2 or more required)		
Surface	Water (A1)		Salt Crus	t (B11)			_	Water Marks (B1) (Riverine)		
High Wa	ater Table (A2)		Biotic Cru	ıst (B12)				Sediment Deposits (B2) (Riverine)		
Saturati	` '		Aquatic Ir	nvertebrate	es (B13)		Drift Deposits (B3) (Riverine)			
Water N	Marks (B1) (Nonrive	erine)	Hydrogen	Sulfide C	dor (C1)			Drainage Patterns (B10)		
	nt Deposits (B2) (No		Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Dry-Season Water Table (C2)		
	posits (B3) (Nonriv	erine)			ed Iron (C		_	Crayfish Burrows (C8)		
	Soil Cracks (B6)					ed Soils (C	(6)	Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Aerial						_	Shallow Aquitard (D3)		
	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)		
Field Obser										
			No Depth (ir							
Water Table			No Depth (ir							
Saturation F		Yes	No _ V Depth (ir	nches):		Wet	land Hydrolo	ogy Present? Yes No		
Describe Re	pillary fringe) ecorded Data (strear	m gauge, m	onitoring well, aerial	photos, p	revious in	spections).	, if available:			
		3 3-,	5 . ,	, F		/-				
Remarks:										
	se is nresent a	diacent t	o datanoint loc	ration v	vith sed	liment c	denosits vi	sible in area. Area may		
		-	•	Jacioti V	• 1011 300		ACPUSITS VI	Sibic in area. Area may		
กราวาก	ally tlood to da	ıtan∩int	location							
occasion	ally flood to da	itapoint	location.							
occasion	ally flood to da	itapoint	location.							

Project/Site: Creekstone Senior Living		City/Cou	_{ınty:} <u>Placer</u>		Sampling Date:	11/1/24		
Applicant/Owner: Town of Loomis				State: CA				
Investigator(s): C. Gonzalez	;	Section,	Township, Ra	inge: Section 3, T 11N,	R 7E			
Landform (hillslope, terrace, etc.): Terrace				=		ope (%): 0-3		
				Long: 121.179018 Datum: NAD 83				
Soil Map Unit Name: Xerofluvents, frequently flooded				NWI classific				
Are climatic / hydrologic conditions on the site typical for this								
Are Vegetation, Soil, or Hydrology signature.	-			"Normal Circumstances" p		√ No		
Are Vegetation, Soil, or Hydrology na				eeded, explain any answe				
SUMMARY OF FINDINGS – Attach site map s	howing	samp	ling point l	ocations, transects	s, important fe	atures, etc.		
Hydrophytic Vegetation Present? Yes No	·		- 4h - Camanla	I A				
Hydric Soil Present? Yes No			s the Sampled vithin a Wetla		No 🗸			
Wetland Hydrology Present? Yes No			vitilili a vvetiai	ilur les	NO	_		
Remarks:								
Datapoint is within a constructed linear upl	and dito	ch.						
VEGETATION – Use scientific names of plant	s.							
<u> </u>		Domin	ant Indicator	Dominance Test work	sheet:			
Tree Stratum (Plot size:)	% Cover	Specie	es? Status	Number of Dominant S	pecies			
1				That Are OBL, FACW,	or FAC:1	1 (A)		
2				Total Number of Domin		_		
3				Species Across All Stra	ıta:	2 (B)		
4				Percent of Dominant S		.0		
Sapling/Shrub Stratum (Plot size:)		_= rotai	Cover	That Are OBL, FACW,	or FAC: 5	(A/B)		
1				Prevalence Index wor	ksheet:			
2				Total % Cover of:				
3					x 1 =			
4				FACW species 0				
5				· · · · · · · · · · · · · · · · · · ·	x 3 =			
Herb Stratum (Plot size:)		= Total	Cover	FACU species 35				
1. Trifolium hirtum	10	N		UPL species 18		250		
2. Acmispon americanus	3	N	UPL	Column Totals: 9	7 (A)	350 (B)		
3. Bromus hordeaceus	35	Υ	FACU	Prevalence Index	= B/A =3	.61		
4. Festuca perennis	40	Υ	FAC	Hydrophytic Vegetation	on Indicators:	-		
5. Centaurea solstitialis	5	N		Dominance Test is				
6				Prevalence Index i				
7				Morphological Ada	ptations ¹ (Provide s or on a separate	supporting		
8				Problematic Hydro		•		
Woody Vine Stratum (Plot size:)	93	= Total	Cover	rroblematio rryaro	priytto vegetation	(Explain)		
1				¹ Indicators of hydric so	il and wetland hyd	Irology must		
2				be present, unless distr				
			Cover	Hydrophytic				
% Bare Ground in Herb Stratum 7		_		Vegetation Present? Ye	s No	~		
Remarks:	OI BIOLIC CI	iusi		Present? Te	<u> </u>	<u> </u>		
	with a fa	-i⊭ -≔-	ount of F-	stusa narannia :	cont			
Area is dominated by upland plant species	with a ra	air am	ount of Fe	stuca perennis pre	sent.			

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
	7.5 YR 4/3	90	7.5YR 4/6	10	C Type	M	Crse. Sand	Kemarks	
<u> </u>	7.5 11(4/5		7.511(4/0			101	Crac. Jana		
							· 		
							·		
							. <u></u>		
						-	·		
		 	-	_			· -	-	
			-						
								-	
			=Reduced Matrix, C			ed Sand G		cation: PL=Pore Lining, M=Matrix.	
Hydric Soil In	ndicators: (Appli	cable to all	LRRs, unless other	erwise not	ed.)		Indicators	for Problematic Hydric Soils ³ :	
Histosol (/	,		Sandy Red	. ,				Muck (A9) (LRR C)	
	pedon (A2)		Stripped M					Muck (A10) (LRR B)	
Black Hist	` '		Loamy Mu	•				ed Vertic (F18)	
	Sulfide (A4)	C \	Loamy Gle		(F2)			arent Material (TF2)	
	Layers (A5) (LRR	C)	Depleted N Redox Dar	, ,	(E6)		Other	(Explain in Remarks)	
	ck (A9) (LRR D) Below Dark Surfa	ca (Δ11)	Redox Dai		` '				
	k Surface (A12)	CC (A11)	Redox Dep				³ Indicators	of hydrophytic vegetation and	
	ucky Mineral (S1)		Vernal Poo		. 0)		Indicators of hydrophytic vegetation and wetland hydrology must be present,		
	eyed Matrix (S4)			` ,				listurbed or problematic.	
Restrictive La	ayer (if present):								
	L.								
Type: Rocl	K								
Type: Rocl							Hydric Soil	Present? Yes No _ 🗸	
Depth (inch Remarks:	nes): <u>4</u>	ndicative	e of fill materia	al.			Hydric Soil	Present? Yes No	
Depth (inch Remarks: Very mixed	nes): <u>4</u> d sandy soil. I	ndicative	e of fill materia	al.			Hydric Soil	Present? Yes No	
Depth (inch Remarks: Very mixed	nes): <u>4</u> d sandy soil. I		e of fill materia	al.			Hydric Soil	Present? Yes No	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr	nes): 4 d sandy soil. I	:							
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr	nes): 4 d sandy soil. I	:	e of fill materia				Secon	ndary Indicators (2 or more required)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W	d sandy soil. I Y rology Indicators ators (minimum of	:	d; check all that app	oly) t (B11)			Secor	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W	d sandy soil. I	:	d; check all that app	oly) t (B11)			<u>Secor</u> V S	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation	d sandy soil. I GY rology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3)	: one require	d; check all that app	oly) t (B11) ust (B12)	es (B13)		<u>Secor</u> V S	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturatior Water Ma	d sandy soil. I GY rology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3) arks (B1) (Nonrive	:: one require rine)	d; check all that app Salt Crus Biotic Cru Aquatic Ir Hydroger	oly) t (B11) ust (B12) nvertebrate n Sulfide O	dor (C1)		Secon V S D D D	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturatior Water Ma Sediment	d sandy soil. I GY rology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3) arks (B1) (Nonrive	one require rine) ponriverine)	d; check all that app Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized	oly) t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe	dor (C1) eres along	-	Secon V S D D D	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturatior Water Ma Sediment Drift Depo	d sandy soil. I d sandy soil. I er logy Indicators (water (A1) er Table (A2) in (A3) arks (B1) (Nonrive in Deposits (B2) (Nonrive (basits (B3) (Nonrive	one require rine) ponriverine)	d; check all that app Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence	oly) t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce	dor (C1) eres along ed Iron (C	4)	Secor V S S S S S S S S S S S S S S S S S S	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Crayfish Burrows (C8)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Ma Sediment Drift Depo	d sandy soil. I d sandy soil. I d sandy soil. I erology Indicators ators (minimum of Vater (A1) er Table (A2) in (A3) arks (B1) (Nonrive is Deposits (B2) (No posits (B3) (Nonrive soil Cracks (B6)	one require rine) ponriverine) erine)	d; check all that app Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir	oly) t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe of Reduce	dor (C1) eres along ed Iron (C ion in Tille	4)	Secor V S S C S C C C C C C C C C C C C C C C	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Ma Sediment Drift Depo Surface S Inundation	d sandy soil. I d sandy soil. I d sandy soil. I errology Indicators ators (minimum of Vater (A1) er Table (A2) in (A3) arks (B1) (Nonrive Deposits (B2) (Nonrive Soil Cracks (B6) in Visible on Aerial	cone require rine) conriverine) erine) Imagery (B	d; check all that app Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	oly) t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe of Reduct on Reduct k Surface	dor (C1) eres along ed Iron (C ion in Tille (C7)	4)	Secor V S D	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Crayfish Burrows (C8) Staturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Water Saturation Water Ma Sediment Drift Depo Surface S Inundation Water-Sta	d sandy soil. Idsandy soil. Idsandy soil. Idsandy soil. Idsandy soil. Idsandy soil. Idsands Id	cone require rine) conriverine) erine) Imagery (B	d; check all that app Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	oly) t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe of Reduce	dor (C1) eres along ed Iron (C ion in Tille (C7)	4)	Secor V S D	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)	
Depth (inch Remarks: Very mixed YDROLOG Wetland Hydr Primary Indica Surface W High Wate Saturation Water Ma Sediment Drift Depo Surface S Inundation	d sandy soil. I d sandy soil. I GY rology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3) arks (B1) (Nonrive c Deposits (B2) (No cosits (B3) (Nonrive coil Cracks (B6) n Visible on Aerial ained Leaves (B9) ations:	rine) porriverine) erine) Imagery (B	d; check all that app Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	oly) t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe of Reduct on Reduct k Surface cplain in Re	dor (C1) eres along ed Iron (C ion in Tille (C7) emarks)	4) d Soils (C	Secor V S D	ndary Indicators (2 or more required) Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Crayfish Burrows (C8) Staturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)	
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Project/Site: Creekstone Senior Living	(City/Coun	_{tv:} Placer		Sampl	ing Date:	11/1/24	
Applicant/Owner: Town of Loomis				State: C				
Investigator(s): C. Gonzalez						J <u>-</u>		
• , , -				convex, none): No		Slop	ne (%): 0-3	
				Long: 121.178730 Datum: NAD 83				
Soil Map Unit Name: Xerofluvents, frequently flooded NWI classification: N/A							· · · · · · · · · · · · · · · · · · ·	
Are climatic / hydrologic conditions on the site typical for this								
Are Vegetation, Soil, or Hydrology si	-			Normal Circumsta			' No	
Are Vegetation, Soil, or Hydrology na				eded, explain any				
SUMMARY OF FINDINGS – Attach site map s						,	atures, etc.	
Hydrophytic Vegetation Present? Yes No				_				
Hydric Soil Present? Yes No			the Sampled			/		
Wetland Hydrology Present? Yes No		Wit	tnin a wetian	id? Yes	s N	10 <u>v</u>		
Remarks:								
Datapoint is within a grove of small cottony	woods a	nd will	ows on a g	graded, uplan	d pad.			
VECETATION Line asignstific names of plant								
VEGETATION – Use scientific names of plant								
Tree Stratum (Plot size:)			nt Indicator ? Status	Dominance Tes				
1. Populus fremontii		Υ		Number of Domi That Are OBL, F.		2	(A)	
2.								
3				Total Number of Species Across /		4	(B)	
4.							(-/	
	80	= Total C	Cover	Percent of Domin That Are OBL, F.		50) (A/B)	
Sapling/Shrub Stratum (Plot size:)							(,,,_)	
1. Salix exigua		<u> </u>	<u>FACW</u>	Prevalence Inde				
2					ver of:			
3					<u>0</u> :		<u>0</u> 200	
4				FACW species	0			
5				FAC species FACU species			160	
Herb Stratum (Plot size:)		= Total C	cover		68		340	
1. Trifolium hirtum	15	N		Column Totals:			700 (B)	
2. Centaurea solstitialis	5	N		Column Totals.	(,^) <u> </u>	<u> </u>	
3. Cynosurus echinatus	10	N		Prevalence	e Index = B/A =	= 3.3	36	
4. Bromus hordeaceus	40	Υ	FACU	Hydrophytic Ve	getation Indic	ators:		
5. Avena fatua	30	Y		Dominance				
6. Torilis arvensis	8	N		Prevalence				
7				Morphologic	cal Adaptations emarks or on a	¹ (Provide s	supporting	
8				Problematic		•	•	
Was da Visas Otrataus (Blatains	108	= Total C	Cover	i iobieinatic	Trydropriytic v	egetation	(Explain)	
Woody Vine Stratum (Plot size:)				¹ Indicators of hyd	dric soil and w	etland hydr	ology must	
1				be present, unles				
2		= Total C		Hydrophytic				
		-		Vegetation				
% Bare Ground in Herb Stratum0 % Cover	of Biotic Cı	rust		Present?	Yes	No•	<u></u>	
Remarks:								
Grove of small cottonwoods and willows w	ith a we	edy, up	oland unde	erstory.				

Profile Desc	cription: (Descri	e to the depth	n needed to docu	eeded to document the indicator or confirm the absence of indicators.)							
Depth	Matrix			ox Features		1 2	Tandores	B			
(inches)	Color (moist)		Color (moist)	%	Type'	Loc ²	Texture	Remarks	<u>. </u>		
0-5	7.5 YR 4/4	100					Crse. Sand				
¹ Type: C=C	oncentration, D=D	epletion, RM=F	Reduced Matrix, C	S=Covered	d or Coate	d Sand G	rains. ² Location	n: PL=Pore Lining,	M=Matrix.		
			RRs, unless other					Problematic Hydri			
Histosol	(A1)		Sandy Red	lox (S5)			1 cm Muck	(A9) (LRR C)			
Histic E _l	pipedon (A2)		Stripped M					(A10) (LRR B)			
Black H	istic (A3)		Loamy Mu	cky Minera	l (F1)		Reduced V	ertic (F18)			
	en Sulfide (A4)		Loamy Gle		(F2)			t Material (TF2)			
	d Layers (A5) (LR	R C)	Depleted N				Other (Exp	lain in Remarks)			
	uck (A9) (LRR D)	(0.4.4)	Redox Dar								
	d Below Dark Surf	ace (A11)	Depleted D				3Indicators of by	ydrophytic vegetatio	and		
	ark Surface (A12) Mucky Mineral (S1	١	Redox Dep Vernal Poo		-0)			ology must be pres			
-	Gleyed Matrix (S4)		vernari oc	//3 (1 <i>3)</i>			•	bed or problematic.	ont,		
-	Layer (if present)						<u> </u>	204 0. p. 02.0a			
	mpaction										
Depth (in			<u></u>				Hydric Soil Pre	sent? Yes	No 🗸		
Remarks:							,				
Very mixe	ed sandy soil.	Indicative	of fill materia	ll. Decor	nposed	l granite	e and coarse sa	and throughou	ıt layer.		
HYDROLO	GY										
Wetland Hy	drology Indicato	s:									
Primary India	cators (minimum o	f one required;	check all that app	ly)			Secondary	/ Indicators (2 or mo	ore required)		
Surface	Water (A1)		Salt Crus	t (B11)			Water	Marks (B1) (Riveri	ne)		
High Wa	ater Table (A2)		Biotic Cru	ıst (B12)			Sedim	nent Deposits (B2) (Riverine)		
Saturati	on (A3)		Aquatic Ir		s (B13)		Drift D	Deposits (B3) (River	ine)		
Water M	Marks (B1) (Nonri v	rerine)	Hydroger	Sulfide Od	dor (C1)		Draina	age Patterns (B10)			
Sedime	nt Deposits (B2) (I	Nonriverine)	Oxidized	Rhizosphe	res along	Living Ro	ots (C3) Dry-S	eason Water Table	(C2)		
Drift De	posits (B3) (Nonri	verine)	Presence	of Reduce	d Iron (C4	1)	Crayfi	sh Burrows (C8)			
Surface	Soil Cracks (B6)		Recent Ir	on Reduction	on in Tilled	d Soils (C	6) Satura	ation Visible on Aeri	al Imagery (C9)		
Inundati	ion Visible on Aeri	al Imagery (B7)	Thin Muc	k Surface (C7)		Shallo	ow Aquitard (D3)			
Water-S	Stained Leaves (B	9)	Other (Ex	plain in Re	marks)		FAC-1	Neutral Test (D5)			
Field Obser	vations:										
Surface Wat	er Present?	Yes N	o 🔽 Depth (ir	nches):							
Water Table	Present?	Yes N	o <u> </u>	nches):							
Saturation P	resent?	Yes N	o <u> Depth (ir</u>	nches):		Wet	land Hydrology Pr	esent? Yes	No <u> </u>		
(includes cap	pillary fringe)										
Describe Re	corded Data (stre	am gauge, mor	nitoring well, aerial	photos, pro	evious ins	pections),	ıt available:				
Demode											
Remarks:	1 1 12 1										
No hydro	logy indicato	rs observed	1.								

Project/Site: Creekstone Senior Living		City/County:	Placer		Sampling Date:	11/1/24
Applicant/Owner: Town of Loomis				State: CA		
Investigator(s): C. Gonzalez						
Landform (hillslope, terrace, etc.): Terrace				-		De (%): 0-3
Subregion (LRR): C						
Soil Map Unit Name: Xerofluvents, frequently flooded				NWI classific		
Are climatic / hydrologic conditions on the site typical for this						
Are Vegetation, Soil, or Hydrology signature.	gnificantly	disturbed?	Are '	"Normal Circumstances"	present? Yes	<u>′</u> No
Are Vegetation, Soil, or Hydrology na	turally pro	blematic?	(If ne	eeded, explain any answe	ers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map s	howing	sampling	g point l	ocations, transects	s, important fea	atures, etc.
Hydrophytic Vegetation Present? Yes No						
Hydric Soil Present? Yes ✓ No			e Sampled		/ N-	
Wetland Hydrology Present? Yes No		with	in a Wetlar	na? Yes <u>*</u>	No	
Remarks:		· · · · · · · · · · · · · · · · · · ·				
Datapoint is located in a linear depression v	vithin a	riparian	area. Cu	ulvert present near	rby. Feature is	indicative
of a riverine seasonal wetland.						
VEGETATION – Use scientific names of plant						
VEGETATION – Ose scientific fiames of plant	Absolute	Dominant	Indicator	Dominance Test worl	kshoot:	
Tree Stratum (Plot size:)		Species?		Number of Dominant S		
1. Populus fremontii	80	Υ	FACW	That Are OBL, FACW,		(A)
2. Salix gooddingii	15	N	FACW	Total Number of Domii	nant	
3				Species Across All Stra		(B)
4				Percent of Dominant S	inacias	
	95	= Total Co	ver	That Are OBL, FACW,		0 (A/B)
Sapling/Shrub Stratum (Plot size:)	20	Υ	FACW	Prevalence Index wo	rkshoot:	
1					Multiply	, hv:
2				OBL species		
3 4				FACW species		
5.			-	FAC species		
	20	= Total Co	ver	FACU species		
Herb Stratum (Plot size:)		_		UPL species	x 5 =	
1. Carex praegracilis	70	<u> </u>	FACW	Column Totals:		
2. Rumex crispus	10	<u>N</u>	FAC			
3. Schoenoplectus californicus	5	N	OBL		x = B/A =	
4. Juncus xiphioides	<u>8</u> 5	N	OBL	Hydrophytic Vegetati		
5. Vinca major			FACU	Dominance Test is Prevalence Index		
6				Morphological Ada		cupporting
7			-	data in Remark	s or on a separate s	sheet)
8		= Total Co		Problematic Hydro	phytic Vegetation ¹ ((Explain)
Woody Vine Stratum (Plot size:)		_= 10tal C0	vei			
1. Rubus armeniacus	40	Υ	FAC	¹ Indicators of hydric so		
2				be present, unless dist	urbed or problemati	iC.
	40	= Total Co	ver	Hydrophytic		
% Bare Ground in Herb Stratum 0	of Biotic C	rust		Vegetation Present? Yes	es <u>/</u> No	
Remarks:		'				
Area is dominated by hydrophytic vegetation	nn					
Area is dominated by flydropflytic vegetation	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					

Profile Desc	ription: (Describe	to the dep	oth needed to doc	ument the	indicator	or confirr	m the absence of	indicators.)			
Depth <u>Matrix</u>			Red	dox Feature							
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks			
0 - 5	7.5 YR 4/2	80	7.5YR 5/6	20	С	М	SaLo				
							. <u></u>	_			
			-								
							· -	_			
							. <u> </u>				
			-				· -				
			-				·				
	ncentration, D=Dep		•			ed Sand G		ion: PL=Pore Lining, M=Matrix.			
-	ndicators: (Applic	able to all	LRRs, unless oth	erwise not	ted.)		Indicators fo	or Problematic Hydric Soils ³ :			
Histosol	(A1)		Sandy Re	dox (S5)			1 cm Muck (A9) (LRR C)				
Histic Ep	ipedon (A2)		Stripped N	Matrix (S6)			2 cm Mu	ck (A10) (LRR B)			
Black His	stic (A3)		Loamy Mu	ucky Minera	al (F1)		Reduced	Vertic (F18)			
Hydrogei	n Sulfide (A4)		Loamy Gl	eyed Matrix	(F2)		Red Pare	ent Material (TF2)			
Stratified	Layers (A5) (LRR	C)	<u></u> Depleted	Matrix (F3)			Other (E:	xplain in Remarks)			
1 cm Mu	ck (A9) (LRR D)		Redox Da	rk Surface	(F6)						
	Below Dark Surfac	e (A11)	Depleted	Dark Surfa	ce (F7)						
Thick Da	rk Surface (A12)		Redox De	pressions ((F8)		3Indicators of	hydrophytic vegetation and			
Sandy M	ucky Mineral (S1)		Vernal Po	ols (F9)			wetland hydrology must be present,				
Sandy G	leyed Matrix (S4)						unless dist	urbed or problematic.			
Restrictive L	ayer (if present):										
Type: Roo	ck										
Depth (inc							Hydric Soil P	resent? Yes ✔ No			
	. <u></u>						Tiyane con i	16310			
Remarks:											
Very obvio	ous redox whe	n wet a	nd dry.								
,			,								
HYDROLO	GY										
Wetland Hyd	Irology Indicators:										
Primary Indic	ators (minimum of	one require	d: check all that ap	(vla			Seconda	ary Indicators (2 or more required)			
Surface \	•	•	Salt Crus					ter Marks (B1) (Riverine)			
·	` '										
_	ter Table (A2)			ust (B12)	- (D40)			liment Deposits (B2) (Riverine)			
Saturatio	` '			Invertebrate	` '			t Deposits (B3) (Riverine)			
	arks (B1) (Nonrive i		Hydroge					inage Patterns (B10)			
· <u></u>	t Deposits (B2) (No	•	Oxidized	l Rhizosphe	eres along	Living Ro		-Season Water Table (C2)			
Drift Dep	osits (B3) (Nonrive	rine)	Presence	e of Reduc	ed Iron (C	4)	Cra	yfish Burrows (C8)			
Surface \$	Soil Cracks (B6)		Recent I	ron Reduct	ion in Tille	d Soils (C	6) Sat	uration Visible on Aerial Imagery (C9)			
Inundation	on Visible on Aerial	Imagery (B	7) Thin Mu	ck Surface	(C7)		Sha	ıllow Aquitard (D3)			
	ained Leaves (B9)	0 , \	• —	xplain in Re	. ,			C-Neutral Test (D5)			
Field Observ							<u> </u>				
		/oo	No V Donth	inches\:							
Surface Wate			No Depth (
Water Table			No Depth (
						land Hydrology I	Present? Yes 🗸 No				
(includes cap			anitarinaall a'-	l nhotes :	ravilaria ! - :	n o oti = = = *\	if available:				
Describe Rec	corded Data (stream	ı gauge, m	onitoring well, aeria	ıı pnotos, p	evious ins	spections),	, ii avallable:				
Remarks:		-		-							
Abundant	water-stained	leaves	water marks	and sed	iment d	eposits	visible on tre	ee trunks aprx. 14in from			
surface.		,				,		r			

Project/Site: Creekstone Senior Living	(City/County	Placer		Sampling Date:	11/1/24
Applicant/Owner: Town of Loomis				State: CA	Sampling Point: _	7
Investigator(s): C. Gonzalez	;	Section, To	wnship, Rar	nge: Section 3, T 11N,	R 7E	
Landform (hillslope, terrace, etc.): Terrace		Local relief	(concave, o	convex, none): Convex	Slop	e (%): <u>0-3</u>
Subregion (LRR): C	Lat: 38.8	325667		Long: 121.179726	Datum	ո։ NAD 83
Soil Map Unit Name: Xerofluvents, frequently flooded				NWI classific		
Are climatic / hydrologic conditions on the site typical for this						
Are Vegetation, Soil, or Hydrology sig	gnificantly	disturbed?	Are "	Normal Circumstances"	present? Yes	No
Are Vegetation, Soil, or Hydrology na	turally prol	blematic?	(If ne	eded, explain any answe	ers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map s	howing	samplin	g point lo	ocations, transects	s, important fea	itures, etc.
Hydrophytic Vegetation Present? Yes No				_		
Hydric Soil Present? Yes No	✓		e Sampled		No. 4	
Wetland Hydrology Present? Yes No		with	in a Wetlan	id? Yes	No	
Remarks:		<u>'</u>				
Upland datapoint adjacent to seasonal river datapoint location.	ine wet	land. Ol	d constri	ucted road/drivew	ay with culver	t at
VEGETATION – Use scientific names of plants	<u> </u>				_	
<u></u>		Dominant	Indicator	Dominance Test work	ksheet:	
		Species?		Number of Dominant S		
1				That Are OBL, FACW,		(A)
2				Total Number of Domir		
3				Species Across All Stra	ata: <u>3</u>	(B)
4		= Total Co		Percent of Dominant S		
Sapling/Shrub Stratum (Plot size:)		= 10(a) 00	vei	That Are OBL, FACW,	or FAC: 33	(A/B)
1. Quercus lobata	10	<u> </u>	FACU	Prevalence Index wor	ksheet:	
2					<u>Multiply</u>	
3				-	x 1 =	
4				FACW species 5		
5				FAC species 50		150 100
Herb Stratum (Plot size:)	10	= Total Co	ver	FACU species 50 UPL species 0		0
1. Cyanodon dactylon	10	N	FACU	Column Totals: 10		160
2. Vinca major	30	Υ	FACU	Column Totals	<u>55</u> (A)	(B)
3. Carex praegracilis	5	N	FACW	Prevalence Index	c = B/A =3.4	13
4				Hydrophytic Vegetati	on Indicators:	
5				Dominance Test is		
6				Prevalence Index i		
7				Morphological Ada	aptations1 (Provide s ss or on a separate s	supporting
8				Problematic Hydro		
Woody Vine Stratum (Plot size:)	45	= Total Co	ver		py regetation (
1. Rubus armeniacus	50	Υ	FAC	¹ Indicators of hydric so	il and wetland hydro	ology must
2.				be present, unless dist	urbed or problemati	C.
	50	= Total Co	ver	Hydrophytic		
% Bare Ground in Herb Stratum % Cover of	of Biotic Cr	rust		Vegetation Present? Ye	es No •	,
Remarks:		- =-				<u> </u>
Area is dominated by upland vegetation.						
The about material apparation						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			ox Featur		. 2			
(inches)	Color (moist)	%	Color (moist)	%	Type'	Loc ²	Texture	Remarks	
0 - 4	7.5 YR 3/3	95	7.5YR 5/6	_ 5	<u>_</u>	M	Coarse Lo.		
	•		-						
			-						
			-						
1T C. C	tration D D		A Dadward Matrix C				21	DI Dave Linian M Matrix	
			M=Reduced Matrix, C II LRRs, unless other			ted Sand G		n: PL=Pore Lining, M=Matrix. Problematic Hydric Soils ³ :	
Histosol		icable to a			icu.,			(A9) (LRR C)	
	pipedon (A2)		Sandy Red Stripped M				· · · · · · · · · · · · · · · · · · ·	, , ,	
	istic (A3)		Stripped iv				2 cm Muck (A10) (LRR B) Reduced Vertic (F18)		
	en Sulfide (A4)		Loamy Gle	-			Red Parent Material (TF2)		
	d Layers (A5) (LRF	R C)	Depleted N	-			Other (Explain in Remarks)		
	uck (A9) (LRR D)	,	Redox Da					,	
Deplete	d Below Dark Surfa	ace (A11)	Depleted [
Thick Da	ark Surface (A12)		Redox De	oressions	(F8)		³ Indicators of hy	drophytic vegetation and	
-	Mucky Mineral (S1)		Vernal Poo	ols (F9)			•	ology must be present,	
	Gleyed Matrix (S4)						unless distur	bed or problematic.	
	Layer (if present):								
,, <u> </u>	mpaction/bedro	CK?							
Depth (in	ches): <u>4</u>						Hydric Soil Pres	sent? Yes No 🗸	
Snovei re	rusai at 4in. d	eptn. Ke	edox present bu	t does	not qua	ality as a	a nyaric soii.		
IVDDALA									
HYDROLO									
_	drology Indicator								
-		one requir	ed; check all that app					Indicators (2 or more required)	
· 	Water (A1)		Salt Crus	. ,				Marks (B1) (Riverine)	
<u> </u>	ater Table (A2)		Biotic Cru					ent Deposits (B2) (Riverine)	
Saturation			Aquatic I					Deposits (B3) (Riverine)	
· 	farks (B1) (Nonrive	,	Hydroger		, ,			age Patterns (B10)	
·	nt Deposits (B2) (N		· —				, ,	eason Water Table (C2)	
	posits (B3) (Nonriv	erine)	Presence					sh Burrows (C8)	
	Soil Cracks (B6)					ed Soils (C	· —	ation Visible on Aerial Imagery (C9)	
	on Visible on Aeria		, <u>—</u>		` '			w Aquitard (D3)	
·	Stained Leaves (B9)	Other (Ex	cplain in R	lemarks)		FAC-N	Neutral Test (D5)	
Field Obser		.,							
Surface Wat			No V Depth (ii						
Water Table	Present?		No V Depth (ii						
Saturation P (includes cap		Yes	No V Depth (ii	nches):		Wet	tland Hydrology Pre	esent? Yes No _ ✓	
		m gauge, r	nonitoring well, aerial	photos, p	revious ir	spections)), if available:		
Remarks:									
No hydro	logy indicator	s observ	red.						
•	- .								

Project/Site: Creekstone Senior Living		City/County	_: Placer	Sampling Date:11/1/24
Applicant/Owner: Town of Loomis				State: <u>CA</u> Sampling Point: <u>8</u>
Investigator(s): C. Gonzalez		Section, To	wnship, Ra	nge: Section 3, T 11N, R 7E
Landform (hillslope, terrace, etc.): Terrace		Local relief	(concave,	convex, none): Concave Slope (%): 0-3
Subregion (LRR): C	Lat: 38.8	325649		Long: 121.179803 Datum: NAD 83
Soil Map Unit Name: Xerofluvents, frequently flooded				NWI classification: N/A
Are climatic / hydrologic conditions on the site typical for this				
Are Vegetation, Soil, or Hydrology signature.	gnificantly	disturbed?	Are '	"Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology na	turally pro	blematic?	(If ne	eeded, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	howing	samplin	g point l	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Yes No No			e Sampled in a Wetlar	
Datapoint is located in a linear depression of a riverine seasonal wetland.	vithin a	riparian	area. Cu	ulvert present nearby. Feature is indicative
VEGETATION – Use scientific names of plant	s.			
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?		Dominance Test worksheet:
1. Populus fremontii	75	Y		Number of Dominant Species That Are OBL, FACW, or FAC:4 (A)
2. Salix gooddingii	15	N	FACW	Total Number of Dominant
3				Species Across All Strata:4 (B)
4				Percent of Dominant Species
Sapling/Shrub Stratum (Plot size:)	90	= Total Co	ver	That Are OBL, FACW, or FAC: 100 (A/B)
1				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3.				OBL species x 1 =
4.				FACW species x 2 =
5.				FAC species x 3 =
		= Total Co	ver	FACU species x 4 =
Herb Stratum (Plot size:)	F0	V	ODI	UPL species x 5 =
1. Juncus xiphioides	50	<u>Y</u>	OBL	Column Totals: (A) (B)
2. Vinca major 3. Carex praegracilis	<u>15</u> 40		FACU FACW	Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
4				Dominance Test is >50%
5 6				Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
		= Total Co	ver	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. Rubus armeniacus	10	<u> </u>	<u>FAC</u>	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2	4.0			Hydrophytic
		= Total Co		Vegetation
% Bare Ground in Herb Stratum % Cover	of Biotic C	rust		Present?
Remarks:				
Area is dominated by hydrophytic vegetation	on. Willo	ow has a	aventitio	ous roots at surface.

US Army Corps of Engineers

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Featur	1	. 2	_		
(inches)	Color (moist)	%	Color (moist)	%	Type'	Loc ²	<u>Texture</u>	Remarks	
0 - 2	7.5 YR 4/2	100					SaClLo	Abundant organic material	
2-10	7.5YR 4/2	80	7.5YR 5/6	20			SaClLo		
2-10	7.511(4/2		7.511(3/0				Jacieo	-	
			-						
			_			_			
	-					_			
¹Type: C-C	oncentration D-D	enletion RI	M=Reduced Matrix,	CS-Cover	ed or Coa	ted Sand G	Grains ² I (ocation: PL=Pore Lining, M=Matrix.	
			II LRRs, unless oth			ica Garia C		s for Problematic Hydric Soils ³ :	
Histosol			Sandy Re		,			Muck (A9) (LRR C)	
	pipedon (A2)			Matrix (S6)			2 cm Muck (A10) (LRR B)		
	istic (A3)		Loamy M	ucky Miner	al (F1)		Reduced Vertic (F18)		
Hydroge	en Sulfide (A4)		Loamy Gl	eyed Matri	ix (F2)		Red Parent Material (TF2)		
Stratifie	d Layers (A5) (LRF	R C)	<u></u> Depleted	Matrix (F3))		Other (Explain in Remarks)		
	uck (A9) (LRR D)			rk Surface	` '				
	d Below Dark Surf	ace (A11)		Dark Surfa	. ,		3, ,,		
	ark Surface (A12)			pressions	(F8)		³ Indicators of hydrophytic vegetation and		
	Mucky Mineral (S1) Gleyed Matrix (S4)	1	Vernal Po	iois (F9)				d hydrology must be present, disturbed or problematic.	
	Layer (if present)	•					unicss	distarbed of problematic.	
	mpaction/bedro								
Depth (in							Hydric So	il Present? Yes <u>✓</u> No	
Remarks:	<u> </u>						11,411.000		
HYDROLO	acv								
	drology Indicator	s:							
_			ed; check all that ap	(vla			Seco	ondary Indicators (2 or more required)	
	Water (A1)		Salt Cru					Water Marks (B1) (Riverine)	
·	ater Table (A2)		·	ust (B12)				Sediment Deposits (B2) (Riverine)	
Saturati	, ,			Invertebrat	tes (B13)			Drift Deposits (B3) (Riverine)	
	farks (B1) (Nonriv	erine)	Hydroge					Drainage Patterns (B10)	
·	nt Deposits (B2) (•			, ,	g Living Ro	·	Dry-Season Water Table (C2)	
	posits (B3) (Nonri			e of Reduc				Crayfish Burrows (C8)	
	Soil Cracks (B6)	,	Recent I	ron Reduc	tion in Till	led Soils (C		Saturation Visible on Aerial Imagery (C9)	
Inundati	ion Visible on Aeria	al Imagery (B7) Thin Mu	ck Surface	(C7)			Shallow Aquitard (D3)	
<u>✓ Water-Stained Leaves (B9)</u> Other (Explain in Remarks) FAC-Neutral Test (D5)								FAC-Neutral Test (D5)	
Field Obser	vations:								
Surface Wat	er Present?	Yes	No V Depth (inches):					
Water Table	Present?	Yes	No Depth (inches):					
Saturation P (includes ca	resent? pillary fringe)	Yes	No V Depth (inches):		Wet	tland Hydrolo	gy Present? Yes No	
		am gauge, r	nonitoring well, aeria	al photos, p	revious ir	nspections)), if available:		
Remarks:					ı• ·	.1. **		1	
			s; water marks us roots at surf		ııment	aeposits	s visible on	tree trunks aprx. 12in from	
surface. \	villow Has du	ventitiot	is roots at Suff	ace.					

Arid West Ephemeral and Intermittent Streams OHWM Datasheet							
Project: CREEKSTONE SENIOR LIVING Project Number: Stream: Investigator(s): GONZOLEZ & MORTIN	Date: 10/30/24 Time: 0855 Town: 100Mi State: CA Photo begin file#: Photo end file#:						
Y /N Do normal circumstances exist on the site?	Location Details: BOYINGTON RIAD NEAR DELORS						
1 X 1 × 1 / 1 X 1 1 1 1 X III C SHE SIVIII I CANII V (II SHI DEG)	Projection: Datum: Coordinates:						
Potential anthropogenic influences on the channel syste	em:						
Channel is uniform of straigh	it. APPEARS to be a						
Channel is uniform of straigh	n W/ historic disturbance.						
Brief site description: CITE IS CHORENT	J a VACANT LOT EXTENCIVE						
Brief site description: SITE IS CURRENTI HIM BB & RIPARIAN VEG- PRES HEADWALL PRESENT & PEATUR	ENT along Prainage. 2						
LEUDMUIL BEELENT & LEUTIN	LE FLOWE N > S.						
Checidist of resources (if available).							
Aerial photography Stream gage							
Dates: 1952 - 2024 Gage numb							
Topographic maps Period of re							
	of flood fraguency analysis						
- /	s of flood frequency analysis ecent shift-adjusted rating						
	neights for 2-, 5-, 10-, and 25-year events and the						
	ecent event exceeding a 5-year event						
Global positioning system (GPS)	ecent event exceeding a 3-year event						
Other studies							
Hydrogeomorphic F	Floodolain I Inits						
• - ,							
Active Floodplain	Low Terrace						
	- 63						
4 444	and the state of t						
Low-Flow Channels	OHWM Paleo Channel						
Procedure for identifying and characterizing the floor	dplain units to assist in identifying the OHWM:						
1. Walk the channel and floodplain within the study area	to get an impression of the geomorphology and						
telian magant at the site							
a to the channel.	Draw the cross section and label the floodplain units.						
2 Determine a point on the cross section that is character	ristic of one of the hydrogeomorphic floodplain units						
a 1 1 in unit and GPS nosition							
b) Describe the sediment texture (using the Wentworth	h class size) and the vegetation characteristics of the						
 a) Record the floodplain unit and G13 position. b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the floodplain unit. 							
c) Identify any indicators present at the location.							
c) Identify any indicators present at the location. 4. Repeat for other points in different hydrogeomorphic representations.	floodplain units across the cross section.						
4. Repeat for other points in different hydrogeomorphic 5. Identify the OHWM and record the indicators. Record 5.	the OHWM position via:						
Mapping on aerial photograph							
Mapping on actial photograph	Other:						
Digitized on computer							

Project ID: CC Cross section ID:	Date: 10/30/24 Time: 0855
Cross section drawing:	
<u>OHWM</u>	
GPS point:	
Indicators: Change in average sediment texture Change in vegetation species Change in vegetation cover	Break in bank slope Other: Other:
Comments: CONSTRUCTED CHANNE OR TERRACES.	VERY DEHITE VEG.
Law Flow Channel	Active Floodplain
Floodplain unit:	
GPS point:	
Characteristics of the floodplain unit: Average sediment texture:	ub: <u>90 %</u> Herb: <u>15 %</u>
Community successional stage: NA Early (herbaceous & seedlings)	☐ Mid (herbaceous, shrubs, saplings) ☐ Late (herbaceous, shrubs, mature trees)
ndicators: Mudcracks	☐ Soil development☐ Surface relief
Ripples Drift and/or debris	Other:
Presence of bed and bank	☐ Other:
☐ Benches	CONSTRUCTED) with a
omments: channel	

Appendix E

Representative Photographs



Photo 2. Representative view of SW-1 facing south. Note that the shovel is at the DP-2 location. Photo taken 10/30/2024.

HELIX



Photo 3. Representative view of DP-3 location in upland habitat, facing west. Photo taken 10/30/2024.



Photo 4. Representative view of DP-4 location in an upland ditch, facing north. Photo taken 11/1/2024.





Photo 5. Representative view of RSW-1 facing northwest. Note that the shovel is at the DP-5 location. Photo taken 11/1/2024.



Photo 6. Representative view of RSW-1 facing south. Note that the shovel is at the DP-6 location. Photo taken 11/1/2024.



Photo 7. Representative view of DP-7 within upland habitat, facing north. Photo taken 11/1/2024.



Photo 8. Representative view of OHWM-1 and the intermittent drainage, facing northeast. Photo taken 11/1/2024.

HELIX