Dark Gulch Environmental Consulting

Biological Scoping Survey – 251 South Franklin Street, Fort Bragg CA 95437

August 10, 2026

Introduction:

A biological scoping survey was conducted on 10 August 2026, by Principal Consulting Biologist Sarah Bradley in which the Study Area was found to be covered with a non-native vegetation. The parcel is 1.064 acres in size and is currently a ruderal field, with no infrastructure (Study Area, Figure 1). The Study Area is a highly disturbed habitat that is described as non-native vegetation. While there is a potential for 48 species of special concern to occur on or near the Study Area, the highly disturbed nature of the site does not provide habitat to support these species. The Study Area is a city lot, surrounded by structures and streets. The area lacks habitat connectivity to support many of these species. The vegetation is non-native in nature and is comprised of common weedy species such as *Brassica nigra* and *Plantigo lancelota.* Many of the prevalent species are common and found in many habitats

The Manual of California Vegetation (CNPS 2026) the California Natural Community List (CDFW 2026) and the California Natural Diversity Database (CNDDB) (CDFW 2026) were used to identify potential species that might occur within the Study Area. The CNDDB recognizes all communities and plants ranked at a State level of S3 or lower as sensitive.

Procedure:

Prior to a site visit, all pertinent databases were queried to gather information regarding the Study Area. This includes the above-referenced sites as well as the US Fish and Wildlife Wetlands Mapper and UC Davis's Soils Web. All information was compiled and reviewed prior to the site visit to give the biologist the best understanding of the potential occurrences and factors that could affect the development of this project. A site visit was made, and the Study Area was thoroughly reviewed, and photographs were taken as references. Finally, all. queries from CNDDB were analyzed and the potential for occurrence was determined based on the condition of the Study Area. A final determination was made after all data was reviewed and comparison of the site photographs were made.

Proposed Project:

This report is being prepared as a review of the potential biological and botanical impacts of the creation of a low-income housing development. This project will include housing and all related infrastructure.



Figure 2. View of Study Area, looking to the southwest



Figure 3. Common vegetation from Study Area



Figure 4. View of Study Area looking northwest.



Figure 5. View of Study Area looking southeast



Figure 6. View of Study Area looking Northeast

Results

The Study Area is a ruderal field with vegetation comprised of non-native species. At the time of the study, the field had been mowed, however there was no evidence of any species of special concern. This field is highly disturbed and is outside of the buffer of any environmentally sensitive habitat areas. All disturbance will be to non-native vegetation and will not cause environmental degradation or impact habitat connectivity.



Figure 1: 251 South Franklin Location

CALIFORNIA DEPARTMENT OF FISH and WILDLIFE **RareFind**

Query Summary:
Quad IS (Fort Bragg (3912347))

Print Close

CNDDB Element Query Results

Scientific Name	Common Name	Taxonomic Group	Element Code	Total Occs	Returned Occs	Federal Status	State Status	Global Rank	State Rank	CA Rare Plant Rank	Other Status	Habitats
Abronia umbellata var. breviflora	pink sand-verbena	Dicots	PDNYC010N4	61	2	None	None	G4G5T2	S2	1B.1	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Coastal dunes
Actinemys marmorata	northwestern pond turtle	Reptiles	ARAAD02031	1162	1	Proposed Threatened	None	G2	SNR	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive	null
Agrostis blasdalei	Blasdale's bent grass	Monocots	PMPOA04060	62	6	None	None	G2G3	S2	1B.2	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Coastal bluff scrub, Coastal dunes, Coastal prairie
Anarhynchus nivosus nivosus	western snowy plover	Birds	ABNNB03031	140	1	Threatened	None	G3T3	S3	null	CDFW_SSC-Species of Special Concern	Great Basin standing waters, Sand shore, Wetland
Arctostaphylos nummularia ssp. mendocinoensis	pygmy manzanita	Dicots	PDERI04280	7	3	None	None	G3?T1	S1	1B.2	SB_UCSC-UC Santa Cruz	Closed-cone coniferous forest
Ascaphus truei	Pacific tailed frog	Amphibians	AAABA01010	491	1	None	None	G4	S3S4	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Aquatic, Klamath/North coast flowing waters, Lower montane coniferous forest, North coast coniferous forest, Redwood, Riparian forest
Blennosperma nanum var. robustum	Point Reyes blennosperma	Dicots	PDAST1A022	13	1	None	Rare	G4T2	S2	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Coastal prairie, Coastal scrub
Bombus caliginosus	obscure bumble bee	Insects	IIHYM24380	181	2	None	None	G2G3	S1S2	null	IUCN_VU-Vulnerable	null
Bombus occidentalis	western bumble bee	Insects	IIHYM24252	306	1	None	Candidate Endangered	G3	S1	null	IUCN_VU-Vulnerable, USFS_S-Sensitive	null
Calystegia purpurata ssp. saxicola	coastal bluff morning-glory	Dicots	PDCON040D2	42	1	None	None	G4T2T3	S2S3	1B.2	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Coastal bluff scrub, Coastal dunes, Coastal scrub, North coast coniferous forest
Carex californica	California sedge	Monocots	PMCYP032D0	41	8	None	None	G5	S2	2B.2	null	Bog & fen, Closed-cone coniferous forest, Coastal prairie, Freshwater marsh, Marsh & swamp, Meadow & seep, Wetland
Carex saliniformis	deceiving sedge	Monocots	PMCYP03BY0	18	3	None	None	G2	S2	1B.2	BLM_S-Sensitive	Coastal prairie, Coastal scrub, Marsh & swamp, Meadow & seep, Wetland

Castilleja litoralis	Oregon coast paintbrush	Dicots	PDSCR0D012	44	1	None	None	G3	S2S3	2B.2	null	Coastal bluff scrub, Coastal dunes, Coastal scrub
Castilleja mendocinensis	Mendocino Coast paintbrush	Dicots	PDSCR0D3N0	52	11	None	None	G2	S2	1B.2	BLM_S-Sensitive, SB_UCSC-UC Santa Cruz	Closed-cone coniferous forest, Coastal bluff scrub, Coastal dunes, Coastal prairie, Coastal scrub
Chorizanthe howellii	Howell's spineflower	Dicots	PDPGN040C0	9	5	Endangered	Threatened	G1	S1	1B.2	null	Coastal dunes, Coastal prairie, Coastal scrub
Clarkia amoena ssp. whitneyi	Whitney's farewell-to-spring	Dicots	PDONA05025	8	1	None	None	G5T1	S1	1B.1	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCBG-UC Botanical Garden at Berkeley	Coastal bluff scrub, Coastal scrub
Coelus globosus	globose dune beetle	Insects	IICOL4A010	50	2	None	None	G1G2	S1S2	null	IUCN_VU-Vulnerable	Coastal dunes
Collinsia corymbosa	round-headed collinsia	Dicots	PDSCR0H060	13	4	None	None	G1	S1	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Coastal dunes
Cornus unalaschkensis	bunchberry	Dicots	PDCOR010F0	11	2	None	None	G5	S2	2B.2	null	Bog & fen, Meadow & seep, North coast coniferous forest
Cuscuta pacifica var. papillata	Mendocino dodder	Dicots	PDCUS011A2	5	1	None	None	G5T1	S1	1B.2	null	Coastal dunes
Eastwoodiella californica	swamp harebell	Dicots	PDCAM02060	155	16	None	None	G3	S3	1B.2	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Bog & fen, Closed-cone coniferous forest, Coastal prairie, Marsh & swamp, Meadow & seep, North coast coniferous forest, Wetland
Erysimum concinnum	bluff wallflower	Dicots	PDBRA160E3	30	2	None	None	G2G3	S2	1B.2	BLM_S-Sensitive	Coastal bluff scrub, Coastal dunes, Coastal prairie
Erysimum menziesii	Menzies' wallflower	Dicots	PDBRA160R0	19	4	Endangered	Endangered	G1	S1	1B.1	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCBG-UC Botanical Garden at Berkeley	Coastal dunes
Eucyclogobius newberryi	tidewater goby	Fish	AFCQN04010	127	2	Endangered	None	G3	S3	null	AFS_EN-Endangered, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened	Aquatic, Klamath/North coast flowing waters, Sacramento/San Joaquin flowing waters, South coast flowing waters
Gilia capitata ssp. pacifica	Pacific gilia	Dicots	PDPLM040B6	91	1	None	None	G5T3	S3	1B.2	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Chaparral, Coastal bluff scrub, Coastal prairie, Valley & foothill grassland
Gilia millefoliata	dark-eyed gilia	Dicots	PDPLM04130	54	3	None	None	G2	S2	1B.2	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Coastal dunes
Hesperevax sparsiflora var. brevifolia	short-leaved evax	Dicots	PDASTE5011	72	12	None	None	G4T3	S3	1B.2	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Coastal bluff scrub, Coastal dunes, Coastal prairie
											BLM_S-Sensitive,	

Hesperocyparis pygmaea	pygmy cypress	Gymnosperms	PGCUP04032	37	7	None	None	G1	S1	1B.2	SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Closed-cone coniferous forest
Horkelia marinensis	Point Reyes horkelia	Dicots	PDROS0W0B0	36	3	None	None	G2	S2	1B.2	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_UCSC-UC Santa Cruz	Coastal dunes, Coastal prairie, Coastal scrub
Juncus supiniformis	hair-leaved rush	Monocots	PMJUN012R0	6	4	None	None	G5	S1	2B.2	IUCN_LC-Least Concern	Bog & fen, Marsh & swamp, Wetland
Lasthenia californica ssp. bakeri	Baker's goldfields	Dicots	PDAST5L0C4	19	1	None	None	G3T1	S1	1B.2	null	Closed-cone coniferous forest, Coastal scrub, Marsh & swamp, Meadow & seep
Lasthenia californica ssp. macrantha	perennial goldfields	Dicots	PDAST5L0C5	59	5	None	None	G3T2	S2	1B.2	BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	Coastal bluff scrub, Coastal dunes, Coastal scrub
Lilium maritimum	coast lily	Monocots	PMLIL1A0C0	84	16	None	None	G2	S2	1B.1	BLM_S-Sensitive, SB_BerrySB-Berry Seed Bank, SB_UCBG-UC Botanical Garden at Berkeley	Broadleaved upland forest, Closed-cone coniferous forest, Coastal prairie, Coastal scrub, Marsh & swamp, North coast coniferous forest
Mendocino Pygmy Cypress Forest	Mendocino Pygmy Cypress Forest	Forest	CTT83161CA	25	8	None	None	G2	S2.1	null	null	Closed-cone coniferous forest
Noyo intersessa	Ten Mile shoulderband	Mollusks	IMGASC5070	3	2	None	None	G2	S1S2	null	null	Coastal dunes, Coastal scrub, Redwood, Riparian forest
Oncorhynchus mykiss irideus pop. 49	steelhead - northern California DPS winter-run	Fish	AFCHA0213Q	96	7	Threatened	None	G5T3Q	S3	null	AFS_TH-Threatened, CDFW_SSC-Species of Special Concern	Aquatic, Estuary, Klamath/North coast flowing waters
Packera bolanderi var. bolanderi	seacoast ragwort	Dicots	PDAST8H0H1	72	2	None	None	G4T4	S2S3	2B.2	null	Coastal scrub, North coast coniferous forest
Phacelia insularis var. continentis	North Coast phacelia	Dicots	PDHYD0C2B1	15	5	None	None	G2T2	S2	1B.2	BLM_S-Sensitive, SB_UCBG-UC Botanical Garden at Berkeley	Coastal bluff scrub, Coastal dunes
Pinus contorta ssp. bolanderi	Bolander's beach pine	Gymnosperms	PGPIN04081	28	8	None	None	G5T2	S2	1B.2	SB_UCSC-UC Santa Cruz	Closed-cone coniferous forest
Puccinellia pumila	dwarf alkali grass	Monocots	PMPOA531L0	2	1	None	None	G5	SH	2B.2	null	Marsh & swamp, Wetland
Ramalina thrausta	angel's hair lichen	Lichens	NLLEC3S340	21	2	None	None	G5?	S2S3	2B.1	null	North coast coniferous forest
Rana aurora	northern red-legged frog	Amphibians	AAABH01021	292	5	None	None	G4	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive	Klamath/North coast flowing waters, Riparian forest, Riparian woodland
Rana boylii pop. 1	foothill yellow-legged frog - north coast DPS	Amphibians	AAABH01051	1611	3	None	None	G3T4	S4	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	Aquatic, Klamath/North coast flowing waters, Riparian forest, Riparian scrub, Riparian woodland
Rhyacotriton variegatus	southern torrent salamander	Amphibians	AAAAJ01020	416	1	None	None	G3?	S2S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive	Lower montane coniferous forest, Oldgrowth, Redwood, Riparian forest
Rhynchospora alba	white beaked-rush	Monocots	PMCYP0N010	17	1	None	None	G5	S2	2B.2	IUCN_LC-Least Concern	Bog & fen, Marsh & swamp, Meadow & seep,

												Wetland
Sanguisorba officinalis	great burnet	Dicots	PDROS1L060	22	1	None	None	G5?	S2	2B.2	null	Bog & fen, Broadleaved upland forest, Marsh & swamp, Meadow & seep, North coast coniferous forest, Riparian forest, Ultramafic, Wetland
Sidalcea malviflora ssp. purpurea	purple-stemmed checkerbloom	Dicots	PDMAL110FL	19	1	None	None	G4G5T1	S1	1B.2	BLM_S-Sensitive	Broadleaved upland forest, Coastal prairie
Sphagnum Bog	Sphagnum Bog	Marsh	CTT51110CA	12	1	None	None	G3	S1.2	null	null	Bog & fen, Wetland
Triquetrella californica	coastal triquetrella	Bryophytes	NBMUS7S010	13	1	None	None	G2	S2	1B.2	USFS_S-Sensitive	Coastal bluff scrub, Coastal scrub
Viola palustris	alpine marsh violet	Dicots	PDVIO041G0	10	2	None	None	G5	S1S2	2B.2	null	Bog & fen, Coastal scrub, Wetland

Botanical DATA SHEET

Dark Gulch Environmental Consulting

General:
Address S Franklin

Observers: S Bradley Date: 8/10/2024

Time Start: 14^30 Time End: 16^50

Town: Fort Bragg County: Mendocino State: CA

Coordinates: Lat _____ Long _____

Additional Directions: Mowed

Species	# observed	Condition Class 1 = alive 0 = dead	Notes (optional)
ox tongue			
Hardy			
Pam black			
plantain			
wild oat			
sheep sorrel			
wild radish			
apple tree			
bracken fern			
cape daisy			
woodland strawberry			