

Appendix I. National Bridge Inventory (NBI) of All Facilities in Contra Costa County

This appendix includes the inventory of 607 facilities evaluated in Contra Costa County using NBI records and supplemental field information. The appendix summarizes facilities at the facility level using individual mapped features distinguished by a unique global ID (last 4 digits only) developed in GIS software. NBI structure ID values may therefore appear more than once where a single identifier corresponds to multiple discrete or directional facilities. Facility classifications reflect totals reported in the main text, including 334 suitable habitat facilities, 151 facilities surveyed, 22 potential use facilities, and 12 confirmed use facilities. The assessment identified confirmed use facilities based on biological evidence and may represent aggregated facilities that function as a single bat use location. The NBI database does not include one confirmed use facility (LF1), and therefore, LF1 does not possess an associated structure ID.

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0407	c779	'ARROYO DEL HAMBRE'	38.017128° N	122.136667° W	Yes	Yes	No	Yes
28 C0124	b497	'MARSH CREEK'	37.884667° N	121.775936° W	Yes	Yes	No	Yes
28 C0087	9f90	'SAN RAMON CREEK'	37.811236° N	121.984542° W	Yes	Yes	No	Yes
28 C0144	055c	'MARSH CREEK'	37.879658° N	121.772636° W	Yes	Yes	No	Yes
28 C0394	d481	'SAN RAMON CREEK'	37.794964° N	121.977839° W	Yes	Yes	No	Yes
28 C0178	9bd2	'LAFAYETTE AQUEDUCT'	37.890958° N	122.144272° W	Yes	Yes	No	Yes
28 C0264	a52a	'ARROYO DEL HAMBRE'	38.016372° N	122.135175° W	Yes	Yes	No	Yes
28 C0145	4042	'MARSH CREEK'	37.872928° N	121.727333° W	Yes	Yes	No	Yes
28 C0391	dafc	'SAN RAMON CREEK'	37.806508° N	121.981103° W	Yes	Yes	No	Yes
28C0273	3359	'MARSH CREEK'	37.891700° N	121.849200° W	Yes	Yes	No	Yes
28 0411R	d43d	'BALFOUR ROAD'	37.925556° N	121.733472° W	Yes	Yes	No	Yes
28 0412S	77c3	'DEER CREEK'	37.926250° N	121.734083° W	Yes	Yes	No	Yes
28 C0206	0e25	'CONTRA COSTA CANAL'	37.990564° N	121.706181° W	No	No	Yes	No
28 C0207	8722	'BNSF RY'	38.003611° N	122.317414° W	Yes	Yes	Yes	No
28 C0217	08f5	'PINE CREEK'	37.923594° N	122.010139° W	No	No	Yes	No
28 C0208	196b	'CONTRA COSTA CANAL'	37.981750° N	121.766456° W	No	No	Yes	No
28 C0209	3469	'CONTRA COSTA CANAL'	37.983333° N	121.732311° W	Yes	No	Yes	No
28 C0214	5ec1	'PINE CREEK'	37.935706° N	122.008753° W	No	No	Yes	No
28 C0215	9e87	'PINE CREEK'	37.930814° N	122.009981° W	No	No	Yes	No
28 C0212	df59	'E CONTRA COSTA ID CANAL'	37.917956° N	121.677914° W	No	No	Yes	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0202	003b	'TASSAJARA CREEK'	37.786806° N	121.859425° W	No	No	Yes	No
28 C0213	9c8d	'UNNAMED CREEK'	37.883444° N	122.046525° W	Yes	No	Yes	No
28 C0216	7d2f	'PINE CREEK'	37.925597° N	122.009603° W	No	No	Yes	No
28 C0210	3e8f	'SAND CREEK'	37.938717° N	121.714450° W	No	No	Yes	No
28 C0211	1f50	'MARSH CREEK'	37.968808° N	121.682736° W	Yes	No	Yes	No
28 C0197	dfcd	'SAN LEANDRO CREEK'	37.834758° N	122.132756° W	No	No	Yes	No
28 C0198	4895	'PINE CREEK'	37.969361° N	122.046058° W	No	No	Yes	No
28 C0168	f87c	'LAFAYETTE CREEK'	37.888350° N	122.121536° W	Yes	Yes	Yes	No
28 C0169	5456	'RODEO CREEK'	38.033078° N	122.265797° W	Yes	Yes	Yes	No
28 C0171	c854	'UP RR BNSF RY & AMTRAK'	38.045083° N	121.987986° W	No	No	Yes	No
28C0175	8b4c	'KELLOGG CREEK'	37.881917° N	121.671244° W	Yes	No	Yes	No
28 C0179	302e	'CENTRAL SANITARY RD'	37.999717° N	122.070036° W	No	No	Yes	No
28 C0183	6546	'WALNUT CREEK'	37.966631° N	122.055181° W	No	No	Yes	No
28 C0200	b37d	'SAN RAMON CREEK'	37.822936° N	121.998619° W	Yes	No	Yes	No
28 C0184	e1af	'ARROYO DEL HAMBRE'	38.017947° N	122.138453° W	Yes	Yes	No	No
28 C0187	465d	'LAS TRAMPAS CREEK'	37.893644° N	122.061372° W	Yes	No	No	No
28 C0189L	cd42	'WALNUT CREEK'	37.969794° N	122.054186° W	No	No	No	No
28 C0189R	1449	'WALNUT CREEK'	37.969708° N	122.054261° W	No	No	No	No
28 C0195	12e9	'MOUNT DIABLO CREEK'	38.018667° N	122.026572° W	Yes	No	No	No
28 C0196	9065	'LAS TRAMPAS CREEK'	37.887569° N	122.078806° W	Yes	No	No	No
28 C0218	78aa	'PINE CREEK'	37.921294° N	122.010331° W	No	No	No	No
28 C0185	9b1c	'WALNUT CREEK'	37.899997° N	122.059822° W	Yes	No	No	No
28 C0219	6a69	'PINE CREEK'	37.962236° N	122.041161° W	No	No	No	No
TRAC-027	72aa	'Galinda Creek'	37.965069° N	122.022000° W	Yes	No	No	No
28 C0222	7682	'GALINDO CREEK'	37.961811° N	122.013561° W	Yes	No	No	No
28 C0249	4498	'CAMINO TASSAJARA'	37.749336° N	121.875744° W	No	No	No	No
28 C0250	c13a	'FRISK CREEK'	37.890508° N	121.614400° W	Yes	No	No	No
28 C0251	c270	'KELLOGG CREEK'	37.894381° N	121.617831° W	Yes	No	No	No
28 C0253	2402	'CONTRA COSTA CANAL'	37.994964° N	121.847497° W	No	No	No	No
28 C0254	3008	'WEST BRANCH ALAMO CREEK'	37.770767° N	121.926367° W	No	No	No	No
28 C0255	8c6c	'LOWER M. BRANCH ALAMO CR'	37.748172° N	121.916611° W	No	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0248	fe9c	'SHADOW CREEK'	37.797158° N	121.889642° W	No	No	No	No
28 C0256	a6c0	'SAND CREEK'	37.947422° N	121.735269° W	Yes	No	No	No
28 C0258	84dd	'MARSH CREEK'	37.944939° N	121.704900° W	No	No	No	No
28 C0262	a0cb	'WERNER DREDGER CUT'	37.939117° N	121.610453° W	Yes	No	No	No
28 C0263	aed1	'REFUGIO CREEK'	38.017564° N	122.277122° W	No	Yes	No	No
28 C0266	646b	'MARSH CREEK'	37.986794° N	121.693944° W	No	No	No	No
28 C0267	5280	'MARSH CREEK'	37.983322° N	121.690133° W	No	No	No	No
28 C0268	7604	'RR/NEROLY ROAD'	37.980600° N	121.741233° W	Yes	No	No	No
28 C0257	3933	'MARSH CREEK'	37.954342° N	121.694083° W	No	No	No	No
28 C0247	5b51	'CAMINO TASSAJARA'	37.746867° N	121.878264° W	No	No	No	No
28 C0246	8bd1	'E BRANCH PKWY'	37.751642° N	121.910117° W	No	No	No	No
28 C0245	897f	'WEST BRANCH ALAMO CREEK'	37.778039° N	121.924756° W	No	No	No	No
28 C0224	0ae5	'SDM CHANNEL'	37.950272° N	122.031181° W	No	No	No	No
28 C0167	0822	'LAS TRAMPAS CREEK'	37.879806° N	122.101022° W	Yes	No	No	No
28 C0228	683a	'BRUSHY CREEK'	37.808031° N	121.669181° W	Yes	No	No	No
28 C0229	fcae	'BRUSHY CREEK'	37.819703° N	121.655531° W	Yes	Yes	No	No
28 C0230	8819	'UNIMAN/FRISK CREEK'	37.851497° N	121.647953° W	Yes	Yes	Yes	No
28 C0231	11b7	'KELLOGG CREEK'	37.887203° N	121.695075° W	Yes	Yes	Yes	No
28 C0235	dce2	'EAST BRANCH ALAMO CREEK'	37.758767° N	121.905364° W	No	No	No	No
28 C0236	cfb9	'EAST BRANCH ALAMO CREEK'	37.759225° N	121.908100° W	No	No	No	No
28 C0237	ac47	'EAST BRANCH ALAMO CREEK'	37.762047° N	121.892442° W	No	No	No	No
28 C0238	b981	'ALAMO CREEK SOUTH FORK'	37.755358° N	121.888717° W	No	No	No	No
28 C0240L	8082	'MAIN BRANCH ALAMO CREEK'	37.769122° N	121.907989° W	No	No	No	No
28 C0240R	b27a	'MAIN BRANCH ALAMO CREEK'	37.768764° N	121.908119° W	No	No	No	No
28 C0242	4c93	'ALAMO CREEK'	37.775806° N	121.903344° W	No	No	No	No
28 C0243	91d2	'MAIN BRANCH ALAMO CREEK'	37.796803° N	121.885219° W	No	No	No	No
28 C0244	c420	'WEST BRANCH ALAMO CREEK'	37.773247° N	121.925958° W	No	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0221	8169	'GALINDO CREEK'	37.961317° N	122.010439° W	Yes	No	No	No
28 C0227	a871	'BEAR CREEK'	37.921564° N	122.164386° W	Yes	No	No	No
28 C0160	e55c	'WILDCAT CREEK'	37.960361° N	122.346192° W	No	No	No	No
28 C0164	7d80	'W BRANCH SAN LEANDRO CR'	37.835756° N	122.131731° W	Yes	No	No	No
28 C0074	1b75	'CONTRA COSTA CANAL'	37.961092° N	122.075656° W	Yes	No	No	No
28 C0075	5432	'LAS TRAMPAS CREEK'	37.894714° N	122.058914° W	Yes	Yes	No	No
28 C0076	9927	'PINOLE CREEK'	37.981019° N	122.270794° W	Yes	Yes	No	No
28 C0077	3188	'CONTRA COSTA CANAL'	38.019494° N	121.941697° W	No	No	No	No
28 C0078	70b8	'CONTRA COSTA CANAL'	38.019333° N	121.938261° W	No	No	No	No
28 C0079	8408	'CONTRA COSTA CANAL'	38.019647° N	121.940097° W	No	No	No	No
28 C0073	ed8e	'GRAYSON CREEK'	37.961436° N	122.066339° W	No	Yes	Yes	No
28 C0080	eced	'CONTRA COSTA CANAL'	38.019517° N	121.944533° W	No	No	No	No
28 C0084	0213	'BNSF RY'	37.996711° N	122.119614° W	Yes	Yes	No	No
28 C0085	24e1	'GRAYSON CREEK'	37.986803° N	122.069931° W	No	No	No	No
28 C0089	4dd4	'LAS TRAMPAS CREEK'	37.871922° N	122.097067° W	Yes	No	No	No
28 C0090	be46	'SAN RAMON CREEK'	37.790056° N	121.980581° W	Yes	Yes	No	No
28 C0091L	aa48	'WALNUT CREEK'	37.980719° N	122.052314° W	Yes	No	No	No
28 C0091R	d2eb	'WALNUT CREEK'	37.980572° N	122.052344° W	Yes	No	No	No
28 C0082	d85a	'ROCK SLOUGH'	37.976522° N	121.620008° W	Yes	No	No	No
28 C0070	dd56	'SAN RAMON CREEK'	37.878611° N	122.049625° W	Yes	No	No	No
28 C0069	dab3	'SAN RAMON CREEK'	37.880256° N	122.048308° W	Yes	No	No	No
28 C0068	4523	'SAN RAMON CREEK'	37.850486° N	122.031567° W	Yes	Yes	Yes	No
28 C0034	7d94	'MT DIABLO CRK'	38.001761° N	122.000167° W	Yes	Yes	Yes	No
28 C0035	837e	'WALNUT CREEK'	37.900592° N	122.059636° W	Yes	No	No	No
28C0039	7965	'PINE CREEK'	37.969922° N	122.046469° W	No	No	No	No
28 C0043	fabb	'ECKLEY SLIDE'	38.049669° N	122.198575° W	Yes	Yes	No	No
28C0045	9e78	'HARBOR STREET'	38.021936° N	121.880467° W	No	No	No	No
28 C0050	cdef	'SAN RAMON CREEK'	37.887281° N	122.055600° W	Yes	No	No	No
28 C0051	c8f8	'SAN RAMON CREEK'	37.884111° N	122.050767° W	Yes	No	No	No
28 C0052	8680	'WALNUT CREEK'	37.935197° N	122.047828° W	No	No	No	No
28 C0054	782e	'BNSF RY & AMTRAK UP RR'	38.012144° N	121.788764° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0057	6378	'SAN PABLO CREEK'	37.962622° N	122.345128° W	No	No	No	No
28 C0059	a118	'GARRITY CREEK'	37.999767° N	122.321761° W	Yes	Yes	No	No
28 C0060	0357	'MCCARTHY CREEK'	38.000656° N	122.320364° W	Yes	Yes	No	No
28 C0061	7674	'PINOLE CREEK'	38.006225° N	122.289442° W	No	Yes	No	No
28 C0062	ca55	'BNSF RY AND AMTRAK'	38.008036° N	122.286797° W	No	Yes	No	No
28 C0063	5a69	'WALNUT CREEK'	37.907386° N	122.056717° W	Yes	No	No	No
28 C0092	371a	'SAN RAMON CREEK'	37.835081° N	122.015556° W	Yes	No	No	No
28C0165	f7e8	'RANGE ROAD'	38.026631° N	121.918272° W	No	No	No	No
28C0093	d4ab	'CONTRA COSTA CANAL'	38.003619° N	121.885014° W	No	No	No	No
28 C0095	5646	'PINE CREEK'	37.958494° N	122.035689° W	No	No	No	No
28 C0133	8632	'PINOLE CREEK'	38.002436° N	122.288467° W	No	Yes	No	No
28 C0134	8b9b	'PINOLE CREEK'	37.992681° N	122.285344° W	Yes	Yes	No	No
28 C0135	bab4	'BRUSHY CREEK'	37.835581° N	121.609681° W	Yes	No	No	No
28 C0136	02e3	'PINOLE CREEK'	37.979483° N	122.264378° W	Yes	Yes	No	No
28C0138	1423	'LAS TRAMPAS CREEK'	37.860997° N	122.101675° W	Yes	No	No	No
28 C0142	7285	'MARSH CREEK'	37.884714° N	121.831811° W	Yes	Yes	Yes	No
28 C0132	398f	'CONTRA COSTA CANAL'	38.007325° N	121.892872° W	No	No	No	No
28 C0143	0e8d	'MARSH CREEK'	37.892558° N	121.799025° W	Yes	Yes	Yes	No
28 C0151	7429	'E ANTIOCH CREEK'	38.012233° N	121.798281° W	Yes	No	No	No
28 C0152	28dd	'FAIR CREEK'	38.011192° N	121.823631° W	Yes	No	No	No
28 C0154	8668	'TAYLOR BLVD'	37.921458° N	122.097128° W	Yes	No	No	No
28 C0157	755e	'TASSAJARA CREEK'	37.764383° N	121.866583° W	No	No	No	No
28 C0269	e235	'MARSH CREEK'	37.952678° N	121.696019° W	No	No	No	No
28 C0161	af87	'CAMINO PABLO ROAD'	37.878708° N	122.184369° W	Yes	Yes	No	No
28 C0150	d7ec	'PEYTON SLOUGH'	38.025811° N	122.105597° W	Yes	No	No	No
28 C0131	8889	'PINE CREEK'	37.928408° N	122.010681° W	No	No	No	No
28 C0129	f662	'MARSH CREEK'	37.990581° N	121.696242° W	No	No	No	No
28 C0127	79a7	'E CONTRA COSTA ID CANAL'	37.917908° N	121.641150° W	Yes	No	No	No
28 C0099	4b2e	'RELIEZ CREEK'	37.895600° N	122.093650° W	Yes	No	No	No
28 C0101	ec9a	'WILDCAT CREEK'	37.960267° N	122.366831° W	No	No	No	No
28 C0102	4f90	'SAN PABLO CREEK'	37.967228° N	122.366703° W	No	Yes	No	No
28C0105	c85c	'LAS TRAMPAS CREEK'	37.886986° N	122.092831° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0110	7ec2	'MOUNT DIABLO CREEK'	37.971694° N	121.970019° W	Yes	No	No	No
28 C0112	bd0d	'WALNUT CREEK'	38.001531° N	122.059228° W	Yes	No	No	No
28 C0113	3cd8	'GRAYSON CREEK'	38.001789° N	122.063197° W	Yes	No	Yes	No
28 C0115	8dd6	'GALINDO CREEK'	37.946078° N	121.970128° W	Yes	No	No	No
28 C0116	50eb	'MOUNT DIABLO CREEK'	37.954092° N	121.954428° W	Yes	No	No	No
28 C0120	1312	'E CONTRA COSTA ID CANAL'	37.917958° N	121.696153° W	No	No	No	No
28 C0121	2170	'CALIFORNIA AQUEDUCT'	37.823650° N	121.596769° W	Yes	No	No	No
28 C0122	f3d3	'KELLOGG CREEK'	37.881889° N	121.641417° W	Yes	No	No	No
28 C0123	0cf3	'KELLOGG CREEK'	37.874633° N	121.695111° W	Yes	Yes	Yes	No
28 C0126L	3e25	'MARSH CREEK'	37.925436° N	121.710342° W	No	No	No	No
28 C0126R	af88	'MARSH CREEK'	37.925308° N	121.710386° W	No	No	No	No
28 C0094	9327	'WALNUT CREEK'	37.947397° N	122.051706° W	No	No	No	No
28 C0270	d39e	'CONTRA COSTA CANAL'	37.994556° N	121.703431° W	No	No	No	No
28 C0271R	1dcf	'MARSH CREEK'	37.893375° N	121.721542° W	Yes	Yes	No	No
28 C0006	be31	'PACHECO SLOUGH'	38.031278° N	122.081722° W	No	No	No	No
28 C0442	a960	'WALNUT CREEK'	37.998836° N	122.056881° W	Yes	No	No	No
28 C0444	9563	'CONTRA COSTA CANAL'	37.982881° N	121.773181° W	No	No	No	No
28 C0445	22b4	'BNSF RY'	38.009664° N	122.282339° W	No	Yes	No	No
28 C0446	bfa8	'SAN RAMON CREEK'	37.828467° N	122.005828° W	Yes	No	No	No
28 C0448	8766	'UP RR PARKSIDE RAILROAD'	38.023483° N	121.887017° W	No	No	No	No
28 C0452	14bf	'WEST BRANCH ALAMO CREEK'	37.787389° N	121.924011° W	No	No	No	No
28 C0441	7d6e	'SYCAMORE CREEK'	37.814708° N	121.970669° W	Yes	Yes	No	No
28 C0453	45ab	'ALAMO CREEK'	37.734319° N	121.913656° W	No	No	No	No
28 C0457	d8c2	'SHELL OIL CO PIPE UC'	38.022483° N	122.125092° W	No	No	No	No
28 C0458	b3ac	'RODEO CREEK'	38.028347° N	122.264631° W	Yes	Yes	No	No
28 C0459	f3f8	'BNSF RY & AMTRAK'	38.000039° N	121.719017° W	Yes	No	No	No
28 C0460	09ca	'SAN PABLO CREEK'	37.966550° N	122.373558° W	No	Yes	No	No
28 C0462L	d436	'WILD CAT CREEK'	37.958008° N	122.373631° W	No	Yes	No	No
28 C0462R	0b78	'WILD CAT CREEK'	37.958053° N	122.373372° W	No	Yes	No	No
28 C0454	d0df	'GRAYSON CREEK'	37.973578° N	122.065467° W	No	Yes	Yes	No

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28 C0440	6862	'SYCAMORE CREEK'	37.813497° N	121.973750° W	Yes	Yes	No	No
28 C0439	7699	'SYCAMORE CREEK'	37.812231° N	121.976781° W	Yes	Yes	No	No
28 C0438	e869	'GREEN VALLEY CREEK'	37.830642° N	121.985325° W	Yes	No	No	No
28 C0418	99ef	'SAN PABLO CREEK'	37.961794° N	122.281008° W	Yes	Yes	No	No
28C0419	d6d4	'SAN PABLO CREEK'	37.964869° N	122.296678° W	Yes	No	No	No
28 C0420	e2f9	'LAS TRAMPAS CREEK'	37.886878° N	122.097236° W	Yes	No	No	No
28C0421	6cf5	'PINE CREEK'	37.917822° N	122.010222° W	No	No	No	No
28 C0423	0087	'LAS TRAMPAS CREEK'	37.889742° N	122.102700° W	Yes	No	No	No
28 C0424	74a1	'LAKE ALHAMBRA'	38.010100° N	121.795794° W	Yes	No	No	No
28 C0425	874a	'CONTRA COSTA CANAL'	37.982997° N	121.829500° W	No	No	No	No
28 C0426	671f	'CONTRA COSTA CANAL'	37.989658° N	121.840150° W	No	No	No	No
28 C0427	a8c9	'GALINDO CREEK'	37.960919° N	122.007336° W	Yes	No	No	No
28 C0428	1c77	'ALAMO CREEK'	37.739067° N	121.916164° W	No	No	No	No
28 C0429	5b42	'SOUTH SAN RAMON CREEK'	37.740764° N	121.937953° W	No	No	No	No
28 C0430	1eae	'SOUTH SAN RAMON CREEK'	37.753611° N	121.947211° W	No	No	No	No
28 C0432	3f62	'WILDCAT CREEK'	37.950994° N	122.316342° W	Yes	Yes	Yes	No
28 C0436	ea29	'CONTRA COSTA CANAL'	37.974544° N	122.017378° W	No	No	No	No
28 C0437	a4a0	'RODEO CREEK'	38.018344° N	122.256619° W	No	Yes	No	No
28 C0463	9988	'MARSH CREEK'	37.934492° N	121.709500° W	No	No	No	No
28 C0467	35a1	'CONTRA COSTA CANAL'	38.025264° N	121.961558° W	No	No	No	No
28 C0468	4e4d	'CONTRA COSTA CANAL'	38.012867° N	121.914519° W	No	No	No	No
28 C0471	af37	'CASTRO ST'	37.948533° N	122.368922° W	No	No	No	No
28 C0497	4752	'KIRKER CREEK'	38.018125° N	121.868981° W	No	No	No	No
28 C0498	0582	'SAN PABLO CREEK'	37.893675° N	122.202217° W	Yes	No	No	No
28 C0500	c2b7	'CONTRA COSTA CANAL'	37.984719° N	121.785353° W	Yes	No	No	No
28 C0501	ea90	'CONTRA COSTA CANAL'	37.984081° N	121.790250° W	Yes	No	No	No
28 C0505	a251	'SAN RAMON VALLEY BLVD'	37.734644° N	121.954150° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0506	dc78	'CONTRA COSTA CANAL'	37.979819° N	121.820461° W	No	No	No	No
28 C0507	113f	'WEST BRANCH ALAMO CREEK'	37.774036° N	121.920042° W	No	No	No	No
28 C0508	2ace	'WEST BRANCH ALAMO CREEK'	37.760058° N	121.920678° W	No	No	No	No
28 C0510	4334	'CONTRA COSTA CANAL'	38.008031° N	121.901733° W	No	No	No	No
28 C0514	5f00	'WALNUT CREEK'	37.898422° N	122.059358° W	Yes	No	No	No
28 C0515	5ddd	'LAS TRAMPAS CREEK'	37.897472° N	122.059492° W	Yes	No	No	No
28C0516	4ca0	'SAN RAMON CREEK'	37.897728° N	122.058683° W	Yes	No	No	No
28 0149	4b66	'INTERSTATE 80'	38.045175° N	122.238644° W	Yes	Yes	No	No
28 0149	14b66	'INTERSTATE 80'	38.045175° N	122.238644° W	Yes	Yes	No	No
28 0149	24b66	'INTERSTATE 80'	38.045175° N	122.238644° W	Yes	Yes	No	No
28 C0496	dfdd	'KIRKER CREEK'	38.018247° N	121.869567° W	No	No	No	No
28 C0417	fa09	'PINOLE CREEK'	37.985361° N	122.279764° W	Yes	Yes	No	No
28 C0495	a535	'BRIONES VALLEY CREEK'	37.909806° N	121.814733° W	Yes	No	No	No
28 C0493	84e2	'CONTRA COSTA CANAL'	37.984117° N	121.798114° W	Yes	No	No	No
28 C0472	1e98	'GIANT HIGHWAY'	37.981758° N	122.348889° W	No	No	No	No
28 C0473	1fac	'CHEVRON RAILROAD TRACKS'	37.937142° N	122.378558° W	No	No	No	No
28 C0474L	c063	'GIANT UP RR BNSF AMTRAK'	37.976603° N	122.358803° W	No	Yes	No	No
28 C0474R	5e17	'GIANT UP RR BNSF AMTRAK'	37.976336° N	122.358831° W	No	Yes	No	No
28 C0475	e0ba	'PARKWAY WETLANDS'	37.972606° N	122.369289° W	No	Yes	No	No
28 C0476	aea6	'WEST ANTIOCH CREEK'	38.015456° N	121.826017° W	Yes	No	No	No
28 C0478	5607	'CONTRA COSTA CANAL'	38.033400° N	121.978911° W	No	No	No	No
28 C0479	807f	'CONTRA COSTA CANAL'	38.029025° N	121.972531° W	No	No	No	No
28 C0480	b5f6	'CONTRA COSTA CANAL'	38.027833° N	121.967439° W	No	No	No	No
28 C0481	c720	'BRUSHY CREEK'	37.838308° N	121.629353° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0482	a8b2	'CONTRA COSTA CANAL'	37.978572° N	122.017836° W	No	No	No	No
28 C0489	2bb5	'DUTCH SLOUGH'	38.010633° N	121.641094° W	Yes	No	No	No
28 C0490	7375	'SAN PABLO CREEK'	37.963919° N	122.354678° W	No	No	No	No
28 C0491	2d89	'SAN PABLO CREEK'	37.965742° N	122.320553° W	Yes	Yes	No	No
28 C0492	4fac	'WILDCAT CREEK'	37.959197° N	122.343697° W	No	Yes	Yes	No
28 C0494	e67e	'QUERCUS CREEK'	37.865486° N	122.192856° W	Yes	No	No	No
28 C0416	0399	'PINOLE CREEK'	37.990842° N	122.283836° W	Yes	Yes	No	No
28 C0414	8c14	'GRAYSON CREEK'	37.955883° N	122.074556° W	No	No	No	No
28 C0413	8081	'GRAYSON CREEK'	37.956578° N	122.073397° W	No	No	No	No
28 C0330	7e8c	'SAN PABLO CREEK'	37.889181° N	122.194311° W	Yes	No	No	No
28 C0331	e62a	'SAN PABLO CREEK'	37.901394° N	122.207086° W	Yes	No	No	No
28 C0332	6f43	'LAS TRAMPAS CREEK'	37.890928° N	122.112286° W	Yes	No	No	No
28 C0333	fcc6	'SOUTH SAN RAMON CREEK'	37.731267° N	121.928492° W	No	No	No	No
28 C0334	adbb	'GREEN VALLEY CREEK'	37.826783° N	121.987267° W	Yes	No	No	No
28 C0335	cdda	'SAN RAMON CREEK'	37.825550° N	122.003639° W	Yes	No	No	No
28C0336	2297	'SAN RAMON CREEK'	37.862850° N	122.036308° W	Yes	Yes	Yes	No
28 C0337	e63f	'SAN RAMON CREEK'	37.893139° N	122.057203° W	Yes	Yes	No	No
28 C0338	ba1f	'LAS TRAMPAS CREEK'	37.892214° N	122.068144° W	Yes	No	No	No
28 C0341	a210	'WALNUT CREEK'	37.917506° N	122.054608° W	No	No	No	No
28 C0343	10e5	'WALNUT CREEK'	37.925933° N	122.048936° W	No	No	No	No
28 C0344	608f	'CONTRA COSTA CANAL'	37.927067° N	122.040219° W	No	No	No	No
28 C0346	dd24	'E. FORK GRAYSON CREEK'	37.943414° N	122.065675° W	No	Yes	No	No
28 C0347	e32f	'CONTRA COSTA CANAL'	37.947800° N	122.080511° W	No	No	No	No
28 C0348	d852	'GRAYSON CREEK'	37.947869° N	122.067717° W	No	Yes	Yes	No
28 C0329	3211	'SAN PABLO CREEK'	37.966411° N	122.309289° W	Yes	No	No	No
28 C0349	5a36	'GRAYSON CREEK'	37.953950° N	122.067514° W	No	Yes	No	No
28 C0327	799d	'RHEAM CREEK'	37.977175° N	122.353486° W	No	Yes	No	No
28 C0324	4445	'WILDCAT CREEK'	37.961875° N	122.355767° W	No	No	No	No
28 C0272	5bef	'RODEO CREEK'	38.038411° N	122.267269° W	Yes	Yes	No	No
28 C0274	822c	'MARSH CREEK'	37.893017° N	121.860983° W	Yes	Yes	No	No
28 C0275	7188	'CONTRA COSTA CANAL'	38.020947° N	121.950978° W	No	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0276	a79a	'SDM CHANNEL'	37.943114° N	122.033492° W	No	No	No	No
28 C0278	c9a9	'HOLBROOK CHANNEL'	37.993231° N	122.031444° W	Yes	No	No	No
28 C0285	5073	'CONTRA COSTA CANAL'	38.000172° N	121.873800° W	No	No	No	No
28 C0286	4101	'CONTRA COSTA CANAL'	37.997944° N	121.850775° W	No	No	No	No
28 C0290	ed75	'WEST ANTIOCH CREEK'	37.994031° N	121.817944° W	Yes	No	No	No
28 C0291	e5e2	'UP RR'	38.003328° N	121.815064° W	Yes	No	No	No
28 C0293	d4a0	'E ANTIOCH CR'	38.010447° N	121.796522° W	Yes	No	No	No
28 C0294	7618	'GILLIPPI GULCH'	38.006386° N	121.787800° W	Yes	No	No	No
28 C0317	42b5	'UP RR BNSF AMTRAK BARTD'	37.942908° N	122.358964° W	No	No	No	No
28 C0321	9389	'WILDCAT CREEK'	37.953186° N	122.338333° W	No	Yes	No	No
28 C0322	2b97	'WILDCAT CREEK'	37.957950° N	122.340767° W	No	Yes	No	No
28 C0323	9d53	'SAN PABLO CREEK'	37.961986° N	122.336367° W	No	Yes	No	No
28 C0326	24ae	'SAN PABLO CREEK'	37.966578° N	122.356342° W	No	Yes	No	No
28 C0271L	927f	'MARSH CREEK'	37.893506° N	121.721517° W	Yes	Yes	No	No
28 C0350	2746	'PINE CREEK'	37.913494° N	122.006519° W	No	No	No	No
28 C0352	40e2	'PINE CREEK'	37.920867° N	122.010644° W	No	No	No	No
28 C0383	da0c	'GRAYSON CREEK'	37.981678° N	122.069244° W	No	No	No	No
28 C0384	8835	'CONTRA COSTA CANAL'	37.980403° N	122.017714° W	No	No	No	No
28 C0385	464b	'CONTRA COSTA CANAL'	37.978697° N	122.076472° W	No	No	No	No
28 C0387	1466	'SAN PABLO CREEK'	37.885944° N	122.193156° W	Yes	No	No	No
28 C0388	b07c	'SAN PABLO CREEK'	37.883758° N	122.191806° W	Yes	Yes	No	No
28 C0389	ca71	'LAS TRAMPAS CREEK'	37.885775° N	122.085922° W	Yes	No	No	No
28 C0399	ea3d	'SAND CREEK'	37.944128° N	121.723358° W	No	No	No	No
28 C0400	31d9	'MARSH CREEK'	37.932589° N	121.711289° W	No	No	No	No
28 C0401	d057	'TASSAJARA CREEK'	37.775792° N	121.860964° W	No	No	No	No
28C0402	4868	'DELTA-MENDOTA CANAL'	37.815689° N	121.561164° W	Yes	No	No	No
28 C0403	4600	'ITALIAN SLOUGH'	37.837956° N	121.603350° W	Yes	No	No	No
28 C0405	2c1e	'DUTCH SLOUGH'	38.011953° N	121.660614° W	Yes	No	No	No
28 C0410	a35b	'CONTRA COSTA CANAL'	37.967397° N	122.076772° W	Yes	No	No	No
28 C0411	5c8d	'GRAYSON CREEK'	37.966519° N	122.066783° W	No	Yes	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0412	b33a	'GRAYSON CREEK'	37.959933° N	122.066283° W	No	Yes	Yes	No
28C0382	fd37	'SAN PABLO CREEK'	37.963144° N	122.287150° W	Yes	Yes	No	No
28 C0351	da22	'PINE CREEK'	37.914683° N	122.007703° W	No	No	No	No
28 C0380	dc94	'RODEO CREEK'	38.037614° N	122.266864° W	Yes	Yes	No	No
28 C0378	12c1e	'RODEO CREEK'	38.035281° N	122.266281° W	Yes	Yes	No	No
28 C0355	90ef	'PINE CREEK'	37.945511° N	122.014539° W	No	No	No	No
28 C0356	a75c	'CONTRA COSTA CANAL'	37.946072° N	122.013686° W	No	No	No	No
28 C0357	034c	'PINE CREEK'	37.948375° N	122.016511° W	No	No	No	No
28 C0358	8ded	'PINE CREEK'	37.952639° N	122.027997° W	No	No	No	No
28 C0360	7416	'GALINDO CREEK'	37.961289° N	121.994531° W	Yes	No	No	No
28 C0361	52a1	'MOUNT DIABLO CREEK'	37.966258° N	121.969300° W	Yes	No	No	No
28 C0362	8b7a	'MOUNT DIABLO CREEK'	37.959461° N	121.967028° W	Yes	No	No	No
28 C0364	f9b9	'GRAYSON CREEK'	37.975083° N	122.066508° W	No	Yes	Yes	No
28 C0365	0a1c	'GRAYSON CREEK'	37.983367° N	122.068753° W	No	No	No	No
28C0367	bbc8	'ARROYO DEL HAMBRE'	38.003547° N	122.129808° W	Yes	Yes	No	No
28C0368	d4f0	'ARROYO DEL HAMBRE'	38.011328° N	122.129094° W	Yes	Yes	No	No
28 C0369	93d8	'ARROYO DEL HAMBRE'	38.014206° N	122.133008° W	Yes	Yes	No	No
28 C0372	f3ae	'SHELL OIL PIPE UC'	38.016569° N	122.117886° W	No	No	No	No
28C0374	23f1	'KIRKER CREEK'	38.004731° N	121.884850° W	No	No	No	No
28 C0377	52b6	'RODEO CREEK'	38.024583° N	122.263156° W	Yes	Yes	No	No
28 C0379	4400	'UP RR BNSF RY & AMTRAK'	38.037639° N	122.271081° W	Yes	Yes	No	No
28 C0005	a205	'UP RR BNSF RY & AMTRAK'	38.026325° N	122.098711° W	Yes	No	No	No
28 0414F	1810	'UPRR TRACKS'	37.991583° N	121.756111° W	Yes	No	No	No
28 0149	34b66	'INTERSTATE 80'	38.045175° N	122.238644° W	Yes	Yes	No	No
28 0143	40aa	'BNSF SYCAMORE WILLOW'	38.010753° N	122.272983° W	No	Yes	No	No
28 0143F	7263	'BNSF WILLOW SYCAMORE'	38.012803° N	122.272144° W	No	Yes	No	No
28 0145L	e6e5	'EBMUD AQUEDUCT BROWN AV'	37.895503° N	122.112303° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 0145R	caa3	'EBMUD AQUEDUCT'	37.894950° N	122.113019° W	Yes	No	No	No
28 0146R	eebe	'INTERSTATE 80'	37.993639° N	122.302236° W	No	Yes	No	No
28 0147	7524	'HOLBROOK CHANNEL'	37.995372° N	122.038742° W	Yes	No	No	No
28 0141R	072e	'STENMARK DR SB ON-RAMP'	37.932206° N	122.401203° W	No	No	No	No
28 0148	e565	'STATE ROUTE 4 & RAMPS'	38.014667° N	122.269478° W	No	No	No	No
28 0151	ee0f	'WILLOW AVENUE'	38.022411° N	122.262539° W	Yes	Yes	No	No
28 0151S	368d	'WILLOW AVENUE'	38.022261° N	122.262389° W	Yes	Yes	No	No
28 0153L	65f4	'UP BNSF AMTRAK SUISUN BA'	38.033219° N	122.117283° W	No	No	No	No
28 0153R	ecc3	'UP BNSF AMTRAK SUISUN BA'	38.031817° N	122.116639° W	No	No	No	No
28 0154	0a70	'REFINERY ACCESS RD'	38.039028° N	122.246539° W	Yes	No	No	No
28 0155	1b11	'REFINERY ACCESS RD'	38.034117° N	122.251392° W	Yes	No	No	No
28 0149	44b66	'INTERSTATE 80'	38.045175° N	122.238644° W	Yes	Yes	No	No
28 0140R	d27f	'SCOFIELD AVENUE'	37.932642° N	122.397614° W	No	No	No	No
28 0140L	e1ca	'SCOFIELD AVENUE'	37.932344° N	122.397981° W	No	No	No	No
28 0139	4af2	'MARINE STREET'	37.931156° N	122.391117° W	No	No	No	No
28 0127G	67ee	'BOULEVARD WAY'	37.895278° N	122.072625° W	Yes	No	No	No
28 0128L	922b	'MT DIABLO BOULEVARD'	37.896214° N	122.070672° W	Yes	No	No	No
28 0128R	18835	'MT DIABLO BOULEVARD'	37.896206° N	122.070308° W	Yes	No	No	No
28 0130G	66e7	'OLYMPIC BLVD I-680'	37.896353° N	122.073731° W	Yes	No	No	No
28 0131R	02cb	'BROWN AVENUE'	37.895297° N	122.110922° W	Yes	No	No	No
28 0132L	3337	'HAPPY VALLEY ROAD'	37.892869° N	122.126433° W	Yes	No	No	No
28 0132R	afd0	'HAPPY VALLEY ROAD'	37.892453° N	122.126353° W	Yes	No	No	No
28 0133L	6b2c	'OAK HILL ROAD'	37.893994° N	122.121650° W	Yes	No	No	No
28 0133R	2366	'OAK HILL ROAD'	37.893639° N	122.121253° W	Yes	No	No	No
28 0134L	6b79	'DOLORES DRIVE'	37.892275° N	122.128867° W	Yes	No	No	No
28 0134R	80ca	'DOLORES DRIVE'	37.891883° N	122.128669° W	Yes	No	No	No
28 0135	db19	'CANAL & BIKE PATH'	37.921714° N	122.061386° W	No	No	No	No
28 0136	8c4d	'CERRITO CREEK'	37.897358° N	122.308794° W	Yes	No	No	No
28 0137L	47de	'EL NIDO RANCH RD AQUEDUC'	37.891369° N	122.146083° W	Yes	Yes	No	No
28 0137R	e8e6	'EL NIDO RANCH RD'	37.890869° N	122.145339° W	Yes	Yes	No	No
28 0160	5d7a	'NEWELL AVENUE'	37.891997° N	122.062261° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 0161	cdb6	'OLYMPIC BOULEVARD'	37.893825° N	122.066439° W	Yes	No	No	No
28 0162	fed5	'LAS TRAMPAS CREEK'	37.892344° N	122.063133° W	Yes	No	No	No
28 0162K	c267	'LAS TRAMPAS CREEK'	37.891897° N	122.063644° W	Yes	No	No	No
28 0179R	fdf6	'INTERSTATE 680'	37.994308° N	122.070072° W	No	No	No	No
28 0180	17ee	'GRAYSON CREEK'	37.991022° N	122.067394° W	No	No	No	No
28 0180K	6422	'GRAYSON CREEK'	37.990239° N	122.067792° W	No	No	No	No
28 0181	7e4a	'CENTER AVE'	37.983383° N	122.065947° W	No	No	No	No
28 0182L	6ed8	'PACHECO BLVD'	37.993142° N	122.074181° W	No	No	No	No
28 0182R	d6e7	'PACHECO BLVD'	37.992922° N	122.074133° W	No	No	No	No
28 0183L	29a2	'STATE ROUTE 4'	37.996547° N	121.785564° W	Yes	No	No	No
28 0183R	f891	'STATE ROUTE 4'	37.996544° N	121.785750° W	Yes	No	No	No
28 0184	986d	'PINOLE CREEK'	37.996219° N	122.287189° W	No	Yes	No	No
28 0185	4ab1	'CONCORD AVENUE'	37.978778° N	122.043269° W	Yes	No	No	No
28 0185K	f90f	'CONCORD AVENUE'	37.978836° N	122.043694° W	Yes	No	No	No
28 0185S	9bde	'CONCORD AVENUE'	37.978697° N	122.043078° W	Yes	No	No	No
28 0186	0fd4	'RV STORAGE'	37.980414° N	122.042336° W	Yes	No	No	No
28 0186K	5d24	'RV STORAGE'	37.981219° N	122.042458° W	Yes	No	No	No
28 0187	5e42	'STATE ROUTE 24'	37.867797° N	122.198556° W	Yes	No	No	No
28 0179L	3ab8	'INTERSTATE 680'	37.994469° N	122.070272° W	No	No	No	No
28 0126G	b755	'N680/W24 CONN I-680 C.D.'	37.896914° N	122.071986° W	Yes	No	No	No
28 0178	2be9	'WILLOW PASS ROAD'	37.966597° N	122.055172° W	No	No	No	No
28 0172K	61ae	'BLUM ROAD'	37.997708° N	122.074042° W	No	No	No	No
28 0162S	a620	'LAS TRAMPAS CREEK'	37.892428° N	122.063036° W	Yes	No	No	No
28 0163	d63b	'WILLOW PASS ROAD'	37.970906° N	122.047697° W	No	No	No	No
28C0392	64c6	'COW CREEK'	37.796389° N	121.973997° W	Yes	Yes	No	No
28 0165Y	fc47	'PINE CREEK'	37.970619° N	122.047178° W	No	No	No	No
28C0393	aaf8	'GREEN VALLEY CREEK'	37.823661° N	121.998222° W	Yes	No	No	No
28 0166	a947	'LILAC DRIVE'	37.890172° N	122.058678° W	Yes	Yes	No	No
28 0167	c8d9	'SOUTH MAIN STREET'	37.886006° N	122.055236° W	Yes	No	No	No
28 C0395	01f7	'SAN RAMON CREEK'	37.800717° N	121.977003° W	Yes	Yes	Yes	No
28 0169S	ec19	'INTERSTATE ROUTE 680'	38.007881° N	122.085436° W	Yes	No	No	No
28 C0396	a6ce	'CONTRA COSTA CANAL'	37.971294° N	122.073856° W	No	No	No	No
28 0170	0815	'ARTHUR ROAD'	38.010864° N	122.088114° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 C0398	058b	'MARSH CREEK'	37.903683° N	121.716350° W	Yes	Yes	Yes	No
28 0171L	dd69	'UPRR MARINA VISTA MOCOCO'	38.024678° N	122.109953° W	Yes	No	No	No
28 0171S	1b55	'MARSH WETLANDS'	38.024306° N	122.112472° W	Yes	No	No	No
28 0172	64df	'BLUM ROAD'	37.998250° N	122.074044° W	No	No	No	No
28 0175	8a3c	'WILDCAT CREEK'	37.951239° N	122.327114° W	Yes	No	No	No
28 0126F	1d3c	'N680-W24 CAMINO DIABLO'	37.896103° N	122.075775° W	Yes	No	No	No
28 0125	5e94	'STATE ROUTE 24 & BARTD'	37.898519° N	122.085286° W	Yes	No	No	No
28 0123	ecfe	'CARLSON BLVD'	37.910600° N	122.316925° W	No	No	No	No
28 0056R	949e	'BNSF RY & GARRARD BLVD'	37.927658° N	122.380800° W	No	No	No	No
28 0056S	e00e	'BNSF RY & GARRARD BLVD'	37.927869° N	122.380714° W	No	No	No	No
28 0057	1e4e	'SAN RAMON CREEK'	37.781214° N	121.976989° W	No	No	No	No
28 0059	e68d	'RUDGEAR ROAD'	37.879117° N	122.048786° W	Yes	No	No	No
28 0064	5564	'ABANDONED BNSF RY SPUR'	37.992114° N	122.124956° W	Yes	No	Yes	No
28 0066L	b4c4	'GRAYSON CREEK'	37.995972° N	122.065883° W	No	Yes	No	No
28 0066R	817d	'GRAYSON CREEK'	37.995725° N	122.065989° W	No	Yes	No	No
28 0074F	3930	'UP RR'	37.992547° N	121.757931° W	Yes	No	No	No
28 0074G	c686	'UP RR'	37.992122° N	121.756858° W	Yes	No	No	No
28 0080L	1a01	'CUTTING BLVD'	37.925183° N	122.320786° W	No	No	No	No
28 0080R	9d30	'CUTTING BLVD'	37.925150° N	122.320219° W	No	No	No	No
28 0081	7e1a	'RICHMOND GREENWAY TRAIL'	37.931372° N	122.324731° W	No	No	No	No
28 0082	8262	'MACDONALD AVE & E80 OFF'	37.932489° N	122.325556° W	No	No	No	No
28 0082S	4947	'MACDONALD AVE & E80 OFF'	37.932264° N	122.325283° W	No	No	No	No
28 0083	471d	'BARRETT AVENUE'	37.935294° N	122.326625° W	No	No	No	No
28 0056L	4bd9	'BNSF RY & GARRARD BLVD'	37.927475° N	122.380953° W	No	No	No	No
28 0083S	c446	'BARRETT AVENUE'	37.935333° N	122.326439° W	No	No	No	No
28 0056K	3341	'BNSF RY & GARRARD BLVD'	37.927183° N	122.381306° W	No	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 0045S	15e2	'MOUNT DIABLO BOULEVARD'	37.896783° N	122.097431° W	Yes	No	No	No
28 0164Y	510d	'PINE CREEK'	37.970769° N	122.047528° W	No	No	No	No
28 0009	4c30	'SAN JOAQUIN RIVR ANTIOCH'	38.016800° N	121.751478° W	No	No	No	No
28 0011L	dffc	'BNSF RY UP RR & AMTRAK'	38.009083° N	121.752933° W	No	No	No	No
28 0011R	4358	'BNSF RY UP RR & AMTRAK'	38.009033° N	121.752617° W	No	No	No	No
28 0030L	8cb7	'WILBUR AVENUE'	38.012075° N	121.752239° W	No	No	No	No
28 0030R	ed9d	'WILBUR AVENUE'	38.012058° N	121.751950° W	No	No	No	No
28 0032	e857	'KELLOGG CREEK'	37.889322° N	121.618575° W	No	No	No	No
28 0033	0d03	'KENDALL CREEK OVERFLOW'	37.889289° N	121.613881° W	No	No	No	No
28 0034	9f83	'POTRERO AVE & S80 ON RMP'	37.920642° N	122.317494° W	No	No	No	No
28 0038L	c1de	'RODEO CREEK'	38.014158° N	122.238650° W	Yes	Yes	No	No
28 0038R	3fde	'RODEO CREEK'	38.013889° N	122.238450° W	Yes	Yes	No	No
28 0040F	205c	'INTERSTATE 680'	37.957658° N	122.052953° W	No	No	No	No
28 0040G	4c1f	'WALNUT CREEK'	37.958678° N	122.051858° W	No	No	No	No
28 0041L	8151	'E 18TH STREET'	38.004908° N	121.753903° W	No	No	No	No
28 0041R	936a	'E 18TH STREET'	38.004911° N	121.753519° W	No	No	No	No
28 0056J	3217	'BNSF RY & GARRARD BLVD'	37.927250° N	122.381161° W	No	No	No	No
28 0188F	06df	'STATE ROUTE 4'	38.014858° N	122.269717° W	No	No	No	No
28 0084	8d0c	'SAN PABLO AVENUE'	37.937008° N	122.326019° W	No	No	No	No
28 0085	1cc9	'INTERSTATE 80'	37.943269° N	122.324083° W	No	No	No	No
28 0110L	0925	'ACALANES ROAD'	37.892133° N	122.154597° W	Yes	No	No	No
28 0110R	b402	'ACALANES ROAD'	37.891747° N	122.154511° W	Yes	No	No	No
28 0110S	d554	'ACALANES ROAD'	37.891581° N	122.154469° W	Yes	No	No	No
28 0111	116e	'STATE ROUTE 24 & BARTD'	37.891989° N	122.171486° W	Yes	No	No	No
28 0114	b76e	'CENTRAL AVENUE'	37.900708° N	122.310389° W	Yes	No	No	No
28 0115	ad1e	'I 680 N MAIN STREET'	37.933350° N	122.060900° W	No	No	No	No
28 0116	2350	'INTERSTATE 680'	37.901531° N	122.071286° W	Yes	No	No	No
28 0117F	7246	'YGNACIO VALLEY ROAD'	37.905481° N	122.069892° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 0117L	34fe	'YGNACIO VALLEY ROAD'	37.904731° N	122.069717° W	Yes	No	No	No
28 0117R	c652	'YGNACIO VALLEY ROAD'	37.905050° N	122.069336° W	Yes	No	No	No
28 0118	712c	'PARKSIDE DRIVE'	37.910892° N	122.067433° W	Yes	No	No	No
28 0119	2fc0	'INTERSTATE 680'	37.916344° N	122.066022° W	No	No	No	No
28 0120	daf8	'INTERSTATE 680'	37.926292° N	122.061025° W	No	No	No	No
28 0121	1a6a	'PINOLE VALLEY ROAD'	37.996900° N	122.286164° W	No	Yes	No	No
28 0122	dc03	'EL PORTAL DRIVE'	37.966083° N	122.322414° W	Yes	Yes	No	No
28 0110K	e405	'ACALANES ROAD'	37.892397° N	122.154667° W	Yes	No	No	No
28 0084K	75e3	'SAN PABLO AVENUE'	37.937647° N	122.326428° W	No	No	No	No
28 0109	9058	'STATE ROUTE 160'	37.997728° N	121.755861° W	No	No	No	No
28 0106S	1bd3	'PLEASANT HILL ROAD'	37.897286° N	122.096222° W	Yes	No	No	No
28 0087	4dcf	'INTERSTATE 80'	37.948492° N	122.326322° W	Yes	No	No	No
28 0089	d03a	'INTERSTATE 80'	37.955761° N	122.329981° W	Yes	No	No	No
28 0090	2586	'RUST DRAIN'	37.905978° N	122.318653° W	No	No	No	No
28 0091	0c4a	'STEGE DRAIN'	37.911750° N	122.323397° W	No	Yes	No	No
28 0093L	f56a	'CONTRA COSTA CANAL'	38.019008° N	121.938289° W	No	No	No	No
28 0093R	b503	'CONTRA COSTA CANAL'	38.018581° N	121.938311° W	No	No	No	No
28 0100	57b9	'SAN PABLO BAY'	37.932625° N	122.405325° W	No	No	No	No
28 0103K	4322	'CAMINO PABLO'	37.879211° N	122.185011° W	Yes	Yes	No	No
28 0103L	58ed	'CAMINO PABLO'	37.879086° N	122.184797° W	Yes	Yes	No	No
28 0103R	4a23	'CAMINO PABLO'	37.878236° N	122.183344° W	Yes	Yes	No	No
28 0104	691a	'MONUMENT BOULEVARD'	37.944556° N	122.058236° W	No	No	No	No
28 0105	44ca	'MAINTENANCE ACCESS'	38.008914° N	121.855889° W	No	No	No	No
28 0106K	45ef	'PLEASANT HILL ROAD'	37.898008° N	122.096386° W	Yes	No	No	No
28 0106L	b2a9	'PLEASANT HILL ROAD'	37.897811° N	122.096322° W	Yes	No	No	No
28 0106R	dad8	'PLEASANT HILL ROAD'	37.897447° N	122.096256° W	Yes	No	No	No
28 0107	1448	'SAN PABLO CREEK'	37.962503° N	122.328639° W	Yes	Yes	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28C0002	5851	'ARROYO DEL HAMBRE'	38.017544° N	122.137611° W	Yes	Yes	No	No
28 0189G	8cde	'STATE ROUTE 4'	38.015089° N	122.270217° W	No	No	No	No
28 0191	9c88	'LIVORNA ROAD'	37.863231° N	122.034964° W	Yes	Yes	Yes	No
28 0320S	2396	'E4-BAILEY RD OFF RAMP'	38.018244° N	121.944658° W	No	No	No	No
28 0321K	bf19	'CONTRA COSTA CANAL'	38.019331° N	121.944431° W	No	No	No	No
28 0322K	81de	'CONTRA COSTA CANAL'	38.019864° N	121.942942° W	No	No	No	No
28 0325K	1e4a	'CONTRA COSTA-S680 ON RMP'	37.939444° N	122.060703° W	No	No	No	No
28 0325S	0efa	'INTERSTATE 680'	37.940703° N	122.059564° W	No	No	No	No
28 0348	764d	'STATE ROUTE 4'	38.013950° N	122.256697° W	No	No	No	No
28 0316	1d4f	'INTERSTATE 680'	37.779697° N	121.977108° W	No	No	No	No
28 0352L	ae12	'CARQUINEZ STRAITS RR'	38.055956° N	122.225958° W	Yes	Yes	No	No
28 0357S	f290	'MARSH WETLANDS'	38.025131° N	122.109114° W	Yes	No	No	No
28 0359	acab	'STATE ROUTE 4'	38.015414° N	122.244883° W	Yes	Yes	No	No
28 0360L	bb61	'BNSF RY & AMTRAK'	38.008164° N	122.212781° W	Yes	Yes	No	No
28 0361L	5588	'PRIVATE ACCESS ROAD'	38.009089° N	122.206300° W	Yes	Yes	No	No
28 0367	6961	'HILLSIDE'	37.932786° N	122.396642° W	No	No	No	No
28 0367L	a8d2	'SAN PABLO ETC. UP RR'	38.052517° N	122.228114° W	Yes	Yes	No	No
28 0356R	fff1	'UPRR MARINA VISTA MOCOCO'	38.024814° N	122.109703° W	Yes	No	No	No
28 0315S	6a56	'N680&E24-YGNACIO OFF RMP'	37.901592° N	122.069442° W	Yes	No	No	No
28 0314R	112c	'WILLOW PASS ROAD'	38.022689° N	121.966144° W	No	No	No	No
28 0314L	38d7	'WILLOW PASS ROAD'	38.023044° N	121.966017° W	No	No	No	No
28 0277	e811	'BNSF RY SOUTH SECOND ST'	37.927206° N	122.367744° W	No	No	No	No
28 0278	f4e9	'CANAL BOULEVARD'	37.927300° N	122.377889° W	No	No	No	No
28 0281L	87ed	'INTERSTATE 80'	37.976353° N	122.318872° W	Yes	Yes	No	No
28 0281R	acf9	'INTERSTATE 80'	37.976228° N	122.318922° W	Yes	Yes	No	No
28 0283L	e97d	'STATE ROUTE 24'	37.861122° N	122.209681° W	Yes	No	No	No

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28 0287	013e	'INTERSTATE ROUTE 580'	37.919933° N	122.333178° W	No	No	No	No
28 0288L	9f59	'INTERSTATE 80'	37.993744° N	122.301919° W	No	Yes	No	No
28 0289	e9f1	'CLAYTON ROAD-S242 ON RMP'	37.969531° N	122.047836° W	No	No	No	No
28 0290L	3ceb	'CASTRO STREET'	37.929025° N	122.386119° W	No	No	No	No
28 0290R	9bfe	'CASTRO STREET'	37.929147° N	122.385833° W	No	No	No	No
28 0290S	eddd	'CASTRO STREET'	37.929267° N	122.385681° W	No	No	No	No
28 0292	44b1	'INTERSTATE 580'	37.923094° N	122.359919° W	No	No	No	No
28 0293R	6776	'HILLSIDE'	37.932328° N	122.393686° W	No	No	No	No
28 0308	153b	'INTERSTATE 80'	37.986683° N	122.315267° W	No	Yes	No	No
28 0312K	8c3b	'E24-S680 CONNECTOR RAMP'	37.894297° N	122.069208° W	Yes	No	No	No
28 0368K	5b57	'WANDA POMONA VIRGINIA'	38.052678° N	122.228322° W	Yes	Yes	No	No
28 0369S	afaa	'POMONA ST WANDA ST'	38.052036° N	122.227917° W	Yes	Yes	No	No
28 0370K	8ad8	'DOWRELIO DR'	38.054481° N	122.227803° W	Yes	Yes	No	No
28 0370L	9426	'FRANKLIN CANYON RD'	38.010167° N	122.228517° W	Yes	Yes	No	No
28 0395R	108f5	'CENTURY BLVD'	38.008556° N	121.855372° W	No	No	No	No
28 0398K	b59d	'SOMERSVILLE ROAD'	38.004181° N	121.837533° W	No	No	No	No
28 0398L	a39a	'SOMERSVILLE ROAD'	38.003997° N	121.837814° W	No	No	No	No
28 0398R	bed9	'SOMERSVILLE ROAD'	38.003767° N	121.837828° W	No	No	No	No
28 0399L	b45b	'CONTRA LOMA BLVD'	37.999583° N	121.821139° W	Yes	No	No	No
28 0399R	47b0	'CONTRA LOMA BLVD'	37.999139° N	121.821333° W	Yes	No	No	No
28 0400	9413	'STATE ROUTE 4'	37.998342° N	121.815281° W	Yes	No	No	No
28 0401L	ed7b	'A STREET'	37.998444° N	121.806319° W	Yes	No	No	No
28 0401R	7119	'A STREET'	37.998003° N	121.806289° W	Yes	No	No	No
28 0402L	f576	'CAVALLO ROAD'	37.998481° N	121.798194° W	Yes	No	No	No
28 0402R	aecc	'CAVALLO ROAD'	37.997956° N	121.798194° W	Yes	No	No	No
28 0408L	cfd0	'BART TRACKS ACCESS ROAD'	37.994167° N	121.772333° W	Yes	No	No	No
28 0409F	8f0d	'E4-N160 CONNECT UPRR'	37.991611° N	121.756639° W	Yes	No	No	No
28 0410F	c125	'ROUTE 4'	37.990578° N	121.756142° W	Yes	No	No	No
28 0412S	177c3	'DEER CREEK'	37.926250° N	121.734083° W	Yes	Yes	No	Yes
28 0395L	3d20	'CENTURY BLVD'	38.008939° N	121.855208° W	No	No	No	No

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28 0276	9f5f	'INTERSTATE 580'	37.925133° N	122.363119° W	No	No	No	No
28 0394	c8b3	'STATE ROUTE 4'	38.011806° N	121.867403° W	No	No	No	No
28 0392	dda1	'STATE ROUTE 4'	37.906550° N	121.724714° W	Yes	No	No	No
28 0371L	8575	'SAN JOSE AVENUE'	37.940011° N	121.739792° W	Yes	No	No	No
28 0371R	6c2b	'SAN JOSE AVENUE'	37.940003° N	121.740258° W	Yes	No	No	No
28 0372L	3a30	'SAND CREEK'	37.947403° N	121.743306° W	Yes	Yes	No	No
28 0372R	6567	'SAND CREEK'	37.947147° N	121.743778° W	Yes	Yes	No	No
28 0381L	d624	'SAND CREEK ROAD'	37.943853° N	121.741511° W	Yes	Yes	No	No
28 0381R	f295	'SAND CREEK ROAD'	37.943769° N	121.742081° W	Yes	Yes	No	No
28 0385	8526	'STATE ROUTE 4'	38.015744° N	121.882939° W	No	No	No	No
28 0386	7acf	'STATE ROUTE 4'	38.017358° N	121.889528° W	No	No	No	No
28 0387	178e	'INTERSTATE 80'	38.030186° N	122.255675° W	Yes	Yes	No	No
28 0388G	1510d	'STATE ROUTE 4'	37.990767° N	121.758681° W	Yes	No	No	No
28 0389L	30a9	'CONTRA COSTA CANAL'	37.983636° N	121.747508° W	Yes	No	No	No
28 0389R	f368	'CONTRA COSTA CANAL'	37.983633° N	121.747894° W	Yes	No	No	No
28 0390	2175	'STATE ROUTE 4'	37.979225° N	121.743867° W	Yes	No	No	No
28 0391L	0ec4	'LONE TREE WAY'	37.961919° N	121.742664° W	Yes	No	No	No
28 0391R	bfb0	'LONE TREE WAY'	37.961894° N	121.743183° W	Yes	No	No	No
28 0393	7481	'MARSH CREEK'	37.898522° N	121.717183° W	Yes	Yes	No	No
28 0274	7053	'INTERSTATE 580'	37.921678° N	122.355772° W	No	No	No	No
28 0273	7180	'INTERSTATE 580'	37.921544° N	122.347317° W	No	No	No	No
28 0271K	91cc	'NONE'	37.912750° N	122.323844° W	No	Yes	No	No
28 0213	7065	'STATE ROUTE 4'	38.015775° N	122.190450° W	No	Yes	No	No
28 0214L	c2d0	'ALHAMBRA AVE'	37.990622° N	122.130294° W	No	Yes	No	No
28 0214R	799a	'ALHAMBRA AVE'	37.990467° N	122.130211° W	Yes	No	No	No
28 0215L	06c6	'MCEWEN ROAD'	38.015144° N	122.177878° W	Yes	No	No	No
28 0215R	74d9	'MCEWEN ROAD'	38.014936° N	122.177944° W	Yes	No	No	No
28 0216L	2d19	'ALHAMBRA WAY'	37.991428° N	122.126764° W	Yes	No	No	No
28 0216R	490e	'ALHAMBRA WAY'	37.991208° N	122.126639° W	Yes	No	No	No
28 0217	a1b0	'STATE ROUTE 4'	37.991522° N	122.086633° W	No	No	No	No
28 0218L	7b7b	'MORELLO AVE'	37.992036° N	122.101008° W	No	No	No	No
28 0218R	80b4	'MORELLO AVE'	37.991753° N	122.101036° W	No	No	No	No
28 0219	2740	'E MARTINEZ DRAIN'	38.006747° N	122.081550° W	Yes	No	No	No
28 0220	0157	'SOUTH MOCOCO DRAIN'	38.023147° N	122.105217° W	Yes	No	No	No
28 0221	4654	'PINE VALLEY ROAD'	37.736964° N	121.950233° W	Yes	No	No	No

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28 0222	d716	'MONTEVIDEO DRIVE'	37.747242° N	121.957036° W	No	No	No	No
28 0223	04de	'INTERSTATE 680'	37.792356° N	121.983511° W	Yes	No	No	No
28 0212	403d	'STATE ROUTE 4'	37.995200° N	122.120528° W	Yes	Yes	No	No
28 0224	8196	'INTERSTATE 680'	37.759803° N	121.965739° W	No	No	No	No
28 0210	bdf1	'INTERSTATE 680'	37.723322° N	121.940506° W	No	No	No	No
28 0206	247a	'INTERSTATE 680'	37.776797° N	121.975633° W	No	No	No	No
28 0192	be4f	'LA GONDA WAY'	37.839306° N	122.016022° W	Yes	No	No	No
28 0193Y	af93	'RODEO CREEK'	38.022097° N	122.260908° W	Yes	Yes	No	No
28 0194	4a90	'RODEO CREEK'	38.023000° N	122.261733° W	Yes	Yes	No	No
28 0195	1122	'INTERSTATE 680'	37.811244° N	121.993297° W	Yes	No	No	No
28 0196	b43a	'LAUREL DRIVE'	37.814725° N	121.993072° W	Yes	No	No	No
28 0197	2405	'SAN RAMON CREEK'	37.820906° N	121.992989° W	Yes	No	No	No
28 0197K	1015	'SAN RAMON CREEK'	37.820975° N	121.993497° W	Yes	No	No	No
28 0197S	f44f	'SAN RAMON CREEK'	37.819842° N	121.992953° W	Yes	No	No	No
28 0198	cfad	'DIABLO ROAD'	37.822817° N	121.993342° W	Yes	No	No	No
28 0199	cfc9	'EL CERRO BOULEVARD'	37.829650° N	122.000500° W	Yes	No	No	No
28 0200	3a75	'EL PINTADO ROAD'	37.834939° N	122.008783° W	Yes	No	No	No
28 0201	4a5f	'STONE VALLEY ROAD'	37.851369° N	122.028508° W	Yes	Yes	No	No
28 0203L	161e	'BAILEY ROAD'	38.019000° N	121.942289° W	No	No	No	No
28 0203R	66ff	'BAILEY ROAD'	38.018622° N	121.942286° W	No	No	No	No
28 0205	0280	'INTERSTATE 680'	37.771247° N	121.972625° W	No	No	No	No
28 0209	793a	'SOLANO WAY'	37.988064° N	122.040333° W	Yes	No	No	No
28 0190	5479	'CONCORD AVE'	37.976100° N	122.063775° W	No	No	No	No
28 0226	2924	'BARTD'	37.931072° N	122.324514° W	No	No	No	No
28 0228L	9728	'FIRST STREET'	37.894775° N	122.116856° W	Yes	No	No	No
28 0244L	b320	'PORT CHICAGO HWY'	38.009764° N	122.023183° W	Yes	Yes	No	No
28 0244R	41eb	'PORT CHICAGO HWY'	38.009189° N	122.022967° W	Yes	Yes	No	No
28 0246L	d0e6	'WILLOW PASS ROAD'	38.013761° N	121.997836° W	Yes	Yes	No	No
28 0246R	7010	'WILLOW PASS ROAD'	38.013369° N	121.997608° W	Yes	Yes	No	No
28 0248	d1d4	'STATE ROUTE 242'	37.997564° N	122.039233° W	Yes	No	No	No
28 0249G	c677	'STATE ROUTES 4 & 242'	38.003903° N	122.036536° W	Yes	No	No	No
28 0252	a195	'BNSF RY'	37.994514° N	122.120747° W	Yes	Yes	No	No
28 0256Y	57f9	'E MARTINEZ DRAIN'	38.006797° N	122.089531° W	Yes	No	No	No
28 0260	3067	'EBMUD SERVICE ROAD'	38.004250° N	122.039378° W	Yes	No	No	No

Structure ID	Global ID	Feature	Latitude	Longitude	Suitable Habitat Facilities	Facilities Surveyed	Potential Use Facilities	Confirmed Use Facilities
28 0260G	128f	'EBMUD SERVICE ROAD'	38.004011° N	122.039294° W	Yes	No	No	No
28 0261Y	d059	'EBMUD SERVICE ROAD'	37.997758° N	122.040158° W	Yes	No	No	No
28 0268K	b68a	'EBMUD SERVICE ROAD'	37.997344° N	122.039347° W	Yes	No	No	No
28 0270	8088	'GREEN VALLEY CREEK'	37.823972° N	121.993839° W	Yes	No	No	No
28 0271	f62a	'INTERSTATE 580'	37.911189° N	122.325050° W	No	Yes	No	No
28 0271J	5d93	'NONE'	37.910569° N	122.322231° W	No	Yes	No	No
28 0243S	48ca	'W4-S242 & N242-E4 CONNS'	38.005178° N	122.036956° W	Yes	No	No	No
28 0228K	fe8a	'FIRST STREET'	37.895006° N	122.116878° W	Yes	No	No	No
28 0243R	3195	'W4-S242 CONNECTOR RAMP'	38.005342° N	122.036900° W	Yes	No	No	No
28 0242R	35b7	'PERALTA ROAD'	38.002019° N	122.047936° W	Yes	No	No	No
28 0228R	7ed2	'FIRST STREET'	37.894367° N	122.116814° W	Yes	No	No	No
28 0230L	d542	'LAFAYETTE STA PUC(BARTD)'	37.893264° N	122.124800° W	Yes	No	No	No
28 0230R	148d	'LAFAYETTE STA PUC(BARTD)'	37.893103° N	122.124669° W	Yes	No	No	No
28 0231	8481	'INTERSTATE 580'	37.899875° N	122.314397° W	No	No	No	No
28 0231J	887c	'CENTRAL AVE'	37.898028° N	122.312089° W	Yes	No	No	No
28 0231K	a223	'CENTRAL AVE'	37.899008° N	122.312833° W	Yes	No	No	No
28 0231S	fc4c	'CENTRAL AVE'	37.900244° N	122.313836° W	No	No	No	No
28 0231T	0a78	'CENTRAL AVE'	37.901078° N	122.314508° W	No	No	No	No
28 0235	fe7b	'FRANKLIN EQUIP & PIPE UC'	37.998964° N	122.146647° W	Yes	No	No	No
28 0238L	7f96	'USN RR & KINNE BLVD'	38.011339° N	122.012931° W	Yes	Yes	No	No
28 0240L	8054	'WALNUT CREEK'	37.999806° N	122.057719° W	Yes	No	No	No
28 0240R	5a15	'WALNUT CREEK'	37.999556° N	122.057539° W	Yes	No	No	No
28 0241L	0000	'SOLANO WAY'	38.001008° N	122.053472° W	Yes	No	No	No
28 0241R	5908	'SOLANO WAY'	38.000664° N	122.053378° W	Yes	No	No	No
28 0242L	7107	'PERALTA ROAD'	38.002381° N	122.047942° W	Yes	No	No	No
28 0243L	eb6d	'W4-S242 CONNECTOR RAMP'	38.005819° N	122.036561° W	Yes	No	No	No
28 0149	54b66	'INTERSTATE 80'	38.045175° N	122.238644° W	Yes	Yes	No	No

