
Appendix B-4

Aquatic Resources Delineation Report

Aquatic Resources Delineation Report

Two-Mile Groundwater Wells Project

OCTOBER 2024

Prepared for:

LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
ARDR	Aquatic Resources Delineation Report
CDFW	California Department of Fish and Wildlife
NWW	non-wetland water
OHWM	ordinary high-water mark
PDSI	Palmer Drought Severity Index
Project	Water Resources Operations & Maintenance Building Project
RWQCB	Regional Water Quality Control Board
SDAM	Streamflow Duration Assessment Method
USACE	U.S. Army Corps of Engineers

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1 Introduction

This Aquatic Resources Delineation Report (ARDR) was prepared in accordance with the Minimum Standards for Acceptance of Aquatic Resources Delineation Reports (Minimum Standards) (USACE 2017). This ARDR and supporting appendices provide the 20 items listed in the Minimum Standards. This report presents the results of the jurisdictional aquatic resource delineation conducted by Dudek staff for the Two-Mile Groundwater Wells Project (Project) in the unincorporated community of Lake Arrowhead, San Bernardino County, California. The delineation was conducted to identify and map existing aquatic resources potentially subject to the regulatory jurisdiction of the U.S. Army Corps of Engineers (USACE) pursuant to Section 404 of the Clean Water Act (33 USC 1344), waters of the state potentially subject to the regulatory jurisdiction of the Regional Water Quality Control Board (RWQCB) pursuant to Section 401 of the Clean Water Act and the Porter–Cologne Water Quality Control Act, and stream and riparian habitats potentially subject to the jurisdiction of the California Department of Fish and Wildlife (CDFW) pursuant to Section 1602 of the California Fish and Game Code (collectively defined as jurisdictional aquatic resources).

1.1 Disclaimer Statement

This ARDR presents Dudek’s best effort to quantify the extent of aquatic resources potentially regulated by USACE, RWQCB, and CDFW (i.e., regulatory agencies) within the identified review area using current regulations, written policies, and guidance from these regulatory agencies. The potential jurisdictional boundaries described in this ARDR are subject to verification by the regulatory agencies. Only the regulatory agencies can make a final determination on whether the features present are subject to USACE, RWQCB, and/or CDFW regulation.

1.1.1 Contact Information

Contact information for the Project applicant and agent are provided in Table 1.¹ Access to the review area is not restricted, but if a site visit is requested, the project applicant or agent will accompany regulatory staff to the review area.² The City of Irvine is the project applicant and landowner.

Table 1. Contact Information

Project Applicant	Lake Arrowhead Community Services District	Agent	Dudek
Contact Name	Catherine Cerri	Contact Name	Tommy Molioo
Address	PO Box 700 Lake Arrowhead, California 92352	Address	27271 Las Ramblas, Suite 340, Mission Viejo, CA, 92691
Phone	(909) 336-7102	Phone	949.212.9404
Email	ccerri@lakearrowheadcsd.com	Email	tmolioo@dudek.com

¹ Minimum Standards Item 2 (Contact Information)

² Minimum Standards Item 3 (Site Access Statement)

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2 Review Area Description and Landscape Setting

The approximately 2.56-acre review area for the proposed Project is in San Bernardino County, California (Appendix A, Figure 1). The review area consists of Assessor's Parcel Number (APN) 335-141-06.

The review area is centered at approximately 34.24307°N and -117.192658°W (decimal degrees), north of State Route 18 (SR-18) and south and east of SR-173. The Project site is bounded on all sides by sparse residential development within a densely wooded area. SR-173 borders a portion of the Project boundary to the north. The Project area is in Township 2 North, Range 3 West, and Section 21 as shown on the U.S. Geological Survey (USGS) Harrison Mountain, California 7.5-minute topographic quadrangle map (USGS 2016) (see Figure 1, Project Location).^{3,4}

The Project site can be accessed from Interstate 210 by taking exit 76 for SR-18/Waterman Avenue, heading north on SR-18 for approximately 18 miles, turning left onto SR-173 West and travelling 1.1 miles northeast.⁵

2.1 Geology and Topography

The review area is situated within the San Bernardino Mountains, part of the Transverse Ranges within Southern California. Local topography at the Project location consists of steep, rugged, mountain slopes containing steep, narrow drainages. The Project site generally slopes from south to north, toward Lake Arrowhead. Elevations across this portion of the site range from 5,325 to 5,600 feet above mean sea level. The review area is located approximately 0.6-mile south of Lake Arrowhead.

2.2 Soils

One soil complex was mapped within the review area: Cedarpines-Stargazer-Urban land complex 30 to 50 percent slopes, discussed further below.

2.2.1 Cedarpines Series

The Cedarpines soil series consists of moderately deep, well drained soils that formed in colluvium and residuum from granitoid sources. Cedarpines soils are on mountain slopes that range from 15 to 50 percent. The texture of these soils is sandy loam, sand, loamy sand, and loamy coarse sand. These soils are mainly used for recreation, watershed and wildlife habitat. The vegetation present on these soils is mainly incense cedar, oak, and pine trees. These soils are well drained and have moderately high saturated hydraulic conductivity. Cedarpines soils are not considered hydric (USDA 2024b).

³ Minimum Standards Item 10 (Description of Existing Field Conditions)

⁴ Minimum Standard Item 14 (Site Location Map)

⁵ Minimum Standards Item 4 (Directions)

2.2.2 Stargazer Series

Stargazer series consists of deep, well drained soils that formed in residuum from granitoid. Stargazer soils are on mountain slopes and have slopes of 0 to 60 percent. The texture of these soils is loam, sandy loam, sandy clay loam, clay loam, gravelly clay loam, loam, and coarse sandy loam. These soils are mainly used for recreation, watershed and wildlife habitat. The vegetation present on these soils is mainly incense cedar, oak, and pine trees. These soils are considered well drained and have moderately slow to moderate saturated hydraulic conductivity. Stargazer soils are not considered hydric (USDA 2024b).

Soil types within the review area⁶ are shown in Figure 2, Soils.

2.3 Vegetation

One vegetation community was mapped in the review area. This vegetation community is described below. The vegetation community description was adapted from the Manual of California Vegetation, Online Edition (CNPS 2023). Representative site photographs are presented in Appendix B.

2.3.1 Incense Cedar (*Calocedrus decurrens*) Forest & Woodland Alliance (85.100.00)

Incense cedar forest and woodland is a woodland community dominated by Incense Cedar (*Calocedrus decurrens*, NL) in the tree canopy (CNPS 2023). Other tree species present at low cover include white fir (*Abies concolor*), lodgepole pine (*Pinus contorta*, FAC), Coulter pine (*Pinus coulteri*, NL), Jeffery pine (*Pinus jeffreyi*, NL), sugar pine (*Pinus lambertiana*, NL), Ponderosa pine (*Pinus ponderosa*, FACU), Douglas fir (*Pseudotsuga menziesii*, FACU), canyon live oak (*Quercus chrysolepis*, NL), and black oak (*Quercus kelloggii*, NL). It typically develops on raised stream benches, terraces, around wet meadows, and on upper slopes and ridges at 1,600 to 6,800 feet in elevation.

2.4 Watershed

The review area is within the southern portion of the Willow Creek watershed (Hydrologic Unit Code [HUC] 180902080103) within the larger Mojave watershed (HUC 18090208). Flows from southern portion the Willow Creek watershed generally flow north and into Lake Arrowhead. Willow Creek originates at the northern end of Lake Arrowhead and flows north into Deep Creek and eventually the Mojave River.

The U.S. Fish and Wildlife Service's National Wetlands Inventory does not identify any hydrologic resources within any portion of the review area. Flows from the review area generally flow north and offsite into Lake Arrowhead, which is considered a Traditionally Navigable Water (TNW).

2.5 Review Area Alterations, Current and Past Land Use

The review area is located within an undeveloped but previously disturbed parcel adjacent to residential development within the heavily-wooded mountain community of Lake Arrowhead, San Bernardino County,

⁶ Minimum Standards Item 13 (Soil Descriptions)

California. The review area is surrounded by small, winding asphalt roads containing homes situated in the hills. SR-173 is along a portion of the northern border of the review area. The commercial center of the community of Lake Arrowhead is located approximately 0.3-mile north of the review area.

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3 Investigation Methods⁷

This chapter describes the investigation methods for this jurisdictional delineation conducted by Dudek biologist Megan Minter on September 24, 2024 (Table 2)⁸. Prior to conducting the jurisdictional delineation, U.S. Fish and Wildlife Service’s (USFWS) National Wetlands Inventory data (USFWS 2024) was reviewed to determine if the review area contains any features mapped by the U.S. Fish and Wildlife Service. Site-specific topographical data was reviewed in conjunction with aerials, both current and historical, to determine the potential presence of non-wetland waters. Current vegetation mapping was reviewed to assess whether the review area supports hydrophytic vegetation and potential wetlands. Jurisdictional boundaries were mapped in the field using ESRI Collector on a mobile device. Remote sensing was not used for the delineation.⁹

Table 2. Schedule of the Aquatic Resources Delineation

Date	Hours	Personnel	Conditions (temperature, skies, wind)
9/24/24	0800-1200	Megan Minter	Start: 68 F, clear skies, 0 mph End: 71 F, clear skies, 0 mph

3.1 U.S. Army Corps of Engineers

The USACE wetlands delineation was conducted in accordance with the 1987 USACE Wetlands Delineation Manual (USACE 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (USACE 2008a). A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States: A Delineation Manual (USACE 2008b) was used to determine the limits of non-wetland waters. Non-wetland waters were delineated on topographical maps in conjunction with ESRI Collector on a mobile device. The widths of each non-wetland water were determined in the field according to the OHWM Manual.¹⁰

Wetland Determination Forms were completed for certain points within drainages or vegetation communities where a predominance of hydrophytic vegetation was present; hydrology, vegetation, and soils were assessed to determine whether USACE three-parameter wetlands were present. A Streamflow Duration Assessment Method (SDAM) data form was completed for non-wetland features to distinguish between ephemeral, intermittent, and perennial stream flows. All data forms can be found in Appendix C.¹¹

3.2 Regional Water Quality Control Board

Waters of the state regulated by the RWQCB were mapped in accordance with the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (SWRCB 2021). As described in these procedures, wetland waters of the state are mapped based on the procedures in USACE’s 1987 Corps of Engineers Wetlands Delineation Manual (USACE 1987) and its 2008 Regional Supplement to the Corps of Engineers Wetland

⁷ Minimum Standards Item 19 (Methods)
⁸ Minimum Standards Item 8 (Dates of Field Work)
⁹ Minimum Standards Item 12 (Statement Regarding Use of Remote Sensing)
¹⁰ Minimum Standards Item 5 (Use of 1987 Manual, Regional Supplement, and OHWM guide)
¹¹ Minimum Standards Item 18 (Data Forms)

Delineation Manual: Arid West Region (Version 2.0) (USACE 2008a). Non-wetland waters are mapped at the OHWM based on the procedures defined in USACE's 2008 A Field Guide to Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States (USACE 2008b).

3.3 California Department of Fish and Wildlife

CDFW jurisdictional areas were mapped to include the bank of the stream/channel and outer dripline of adjacent riparian vegetation, as set forth under California Fish and Game Code Section 1602. Streambeds under the jurisdiction of CDFW were delineated using the Cowardin method of waters classification, which defines waters boundaries by a single parameter (i.e., hydric soils, hydrophytic vegetation, or hydrology) (Cowardin et al. 1979).

4 Aquatic Resource Narrative

4.1 Waters of the United States (USACE)

This chapter describes the aquatic resources that occur in the review area.¹²

One perennial, spring-fed drainage (NWW-1) was observed to be present within the review area. This drainage originates from three separate seeps: one located within the southern portion of the review area and two located just outside the southern boundary of the review area. These seeps were observed to have been previously piped and used as a water supply to adjacent, now-abandoned buildings. A non-functioning and abandoned cistern was observed directly adjacent to a seep present on the eastern side of NWW-1. At the time of the survey, each of these seeps had water pouring from a pipe and into NWW-1, which contained 1-2 inches of flowing water.

NWW-1 originates from a seep located just south of the review area at approximately 34.240890° N, -117.192694° W and flows south for approximately 600 feet before entering a shallow ravine containing two additional seeps (Table 3). NWW-1 continues south within a shallow ravine for approximately 1,400 feet before entering a culvert under SR-173. The outlet of the culvert was undetermined but it is assumed that flows eventually reach Lake Arrowhead as all drainages within the southern portion of this watershed drain toward Lake Arrowhead. Although Lake Arrowhead is a man-made lake it receives flows from the natural local surrounding watershed during regular rain events, snow melt, and urban runoff. Therefore, it is assumed that Lake Arrowhead is subject to USACE jurisdiction as a Water of the U.S.

NWW-1 is densely vegetated with an overstory dominated by incense cedar and an understory dominated by stinging nettle (*Urtica dioica*, FAC), poison oak (*Toxicodendron diversilobum*, FACU), California wild grape (*Vitis californica*, FACU), mugwort (*Artemisia douglasiana*, FAC), and western dogwood (*Cornus sericea*, NL). The upper portion of the drainage is within a shallow channel, approximately 1-2 inches in bank height and 6 feet in width. At the confluence with the two additional seeps, the channel narrows and deepens into a ravine. Below the seeps, the bank height is approximately 1-3 feet and the bank width is 5 feet. The width of the OHWM varies from 6 feet wide within the upper portion of the drainage to 2-3 feet wide in the lower portion. The OHWM is defined by sediment sorting, scour, a clear line impressed on the bank, change in vegetation, and break in bank slope. Substrates consist of boulders, cobble, and sand. Large woody debris is present throughout the channel. Therefore, approximately 0.06 acre (520 linear feet) of NWW-1 is potentially subject to USACE jurisdiction as a non-wetland Water of the U.S. (Table 3).

Photos of the potential aquatic features delineated within the review area and additional areas reviewed for the presence of these resources are provided in Appendix B.¹³ The locations of these photos are shown in Figures 4 and 5. All data forms can be found in Appendix C. A request for a jurisdictional determination from the USACE is also included in Appendix D.

¹² Minimum Standards Item 6 (Aquatic Resource Narrative)

¹³ Minimum Standards Item 17 (Ground Photos)

Table 3. USACE Aquatic Resource Summary for the Review Area

Feature Name	Location (Latitude/Longitude; Decimal Degrees)	Acreage/Linear Feet ¹
Non-Wetland Waters		
NWW-1	34.242321°, -117.192562°	0.06/520

4.2 Waters of the State (RWQCB)

The feature described in Section 4.1 has also been identified as Waters of the state, accounting for 0.06 acre (520 linear feet; Table 4). This feature is subject to regulation by the RWQCB under the Porter–Cologne Water Quality Control Act (Figure 4, Potential Jurisdictional Aquatic Resources – RWQCB/CDFW).

Table 4. RWQCB Aquatic Resource Summary for the Review Area

Feature Name	Location (Latitude/Longitude; Decimal Degrees)	Acreage/Linear Feet ¹
Non-Wetland Waters		
NWW-1	34.242321°, -117.192562°	0.06/520

4.3 CDFW Jurisdiction

The feature described in Section 4.1 was identified as streambed potentially regulated by CDFW.

Because CDFW regulates from bank to bank, certain portions of the review area where the top of a channel bank extended beyond the OHWM are subject to regulation by CDFW as streambed. This includes the potential non-wetland waters limits discussed in Sections 4.2 and 4.3 above, as well as the outer banks and associated riparian vegetation of NWW-1. These areas are shown in Figure 5, and the full extent of CDFW jurisdictional areas is described in Table 5.

Table 5. CDFW Aquatic Resource Summary for the Review Area

Feature Name	Location (Latitude/Longitude; Decimal Degrees)	Acreage/Linear Feet
CDFW Streambed		
NWW-1	34.242321°, -117.192562°	0.10/520

4.4 National Wetlands Inventory

The delineated extents of NWW-1 do not occur within mapped areas indicated by the U.S. Fish and Wildlife Service's National Wetlands Inventory or the National Hydrology Dataset.

5 Results and Conclusions

Based on the jurisdictional delineation and review of relevant information provided in this ARDR, approximately 0.06-acre (2,163 linear feet) of non-wetland waters potentially regulated by USACE were delineated within the review area. All features, ephemeral and intermittent, within the review area may be regulated by USACE given their downstream connection to a traditional navigable water (Lake Arrowhead) which is presumed to be under the jurisdiction of the USACE. These features may also be regulated by the RWQCB and CDFW. In addition, the RWQCB may regulate swales, and CDFW may regulate streambeds beyond the OHWM (to top of bank) associated riparian habitat and swales. In total, approximately 0.06-acre of non-wetland waters (below the OHWM), culverts, and swales fall under RWQCB jurisdiction, and approximately 0.10-acre of CDFW streambed (below and above the OHWM, to top of bank) occurs in the review area.

This ARDR can be used by the regulatory agencies to determine if they would regulate the features described herein. The GIS data for the delineation is provided digitally.¹⁴

¹⁴ Minimum Standards Item 20 (Digital Data)

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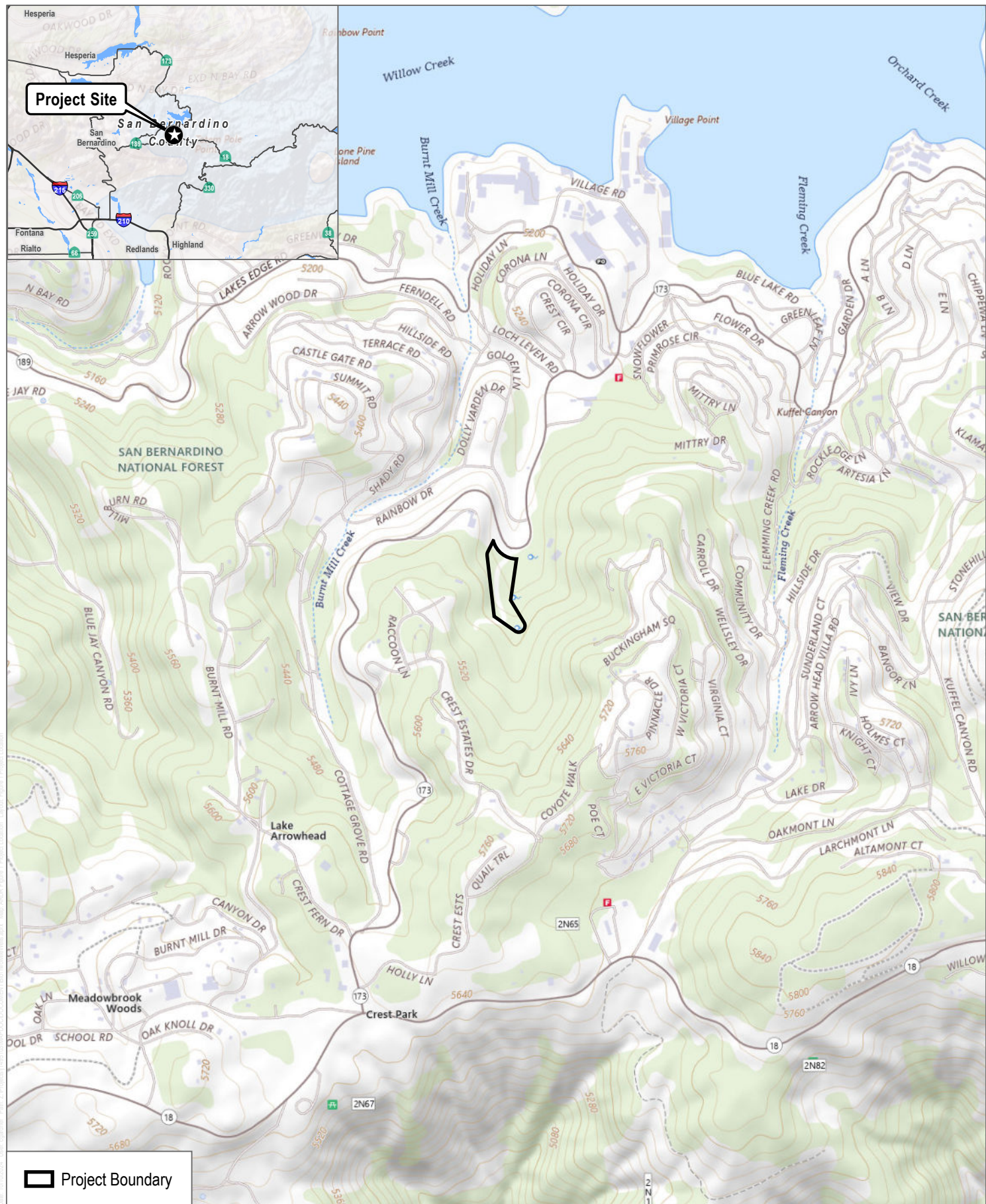
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Appendix A

Figures



SOURCE: USGS National Map 2024

DUDEK

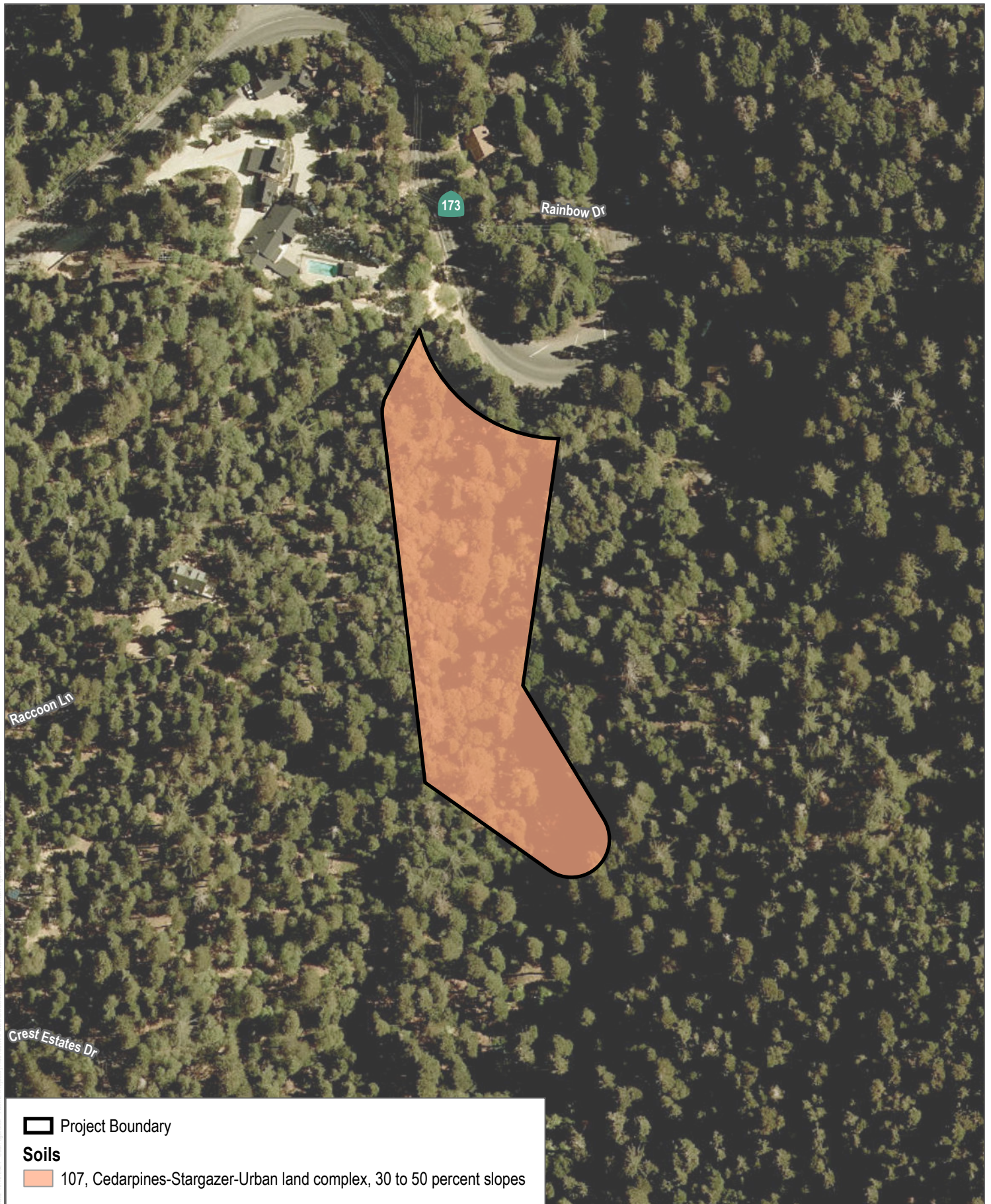


0 500 1,000 Feet

FIGURE 1

Project Location

Two-Mile Groundwater Wells Project



SOURCE: Esri World Imagery; USDA 2024

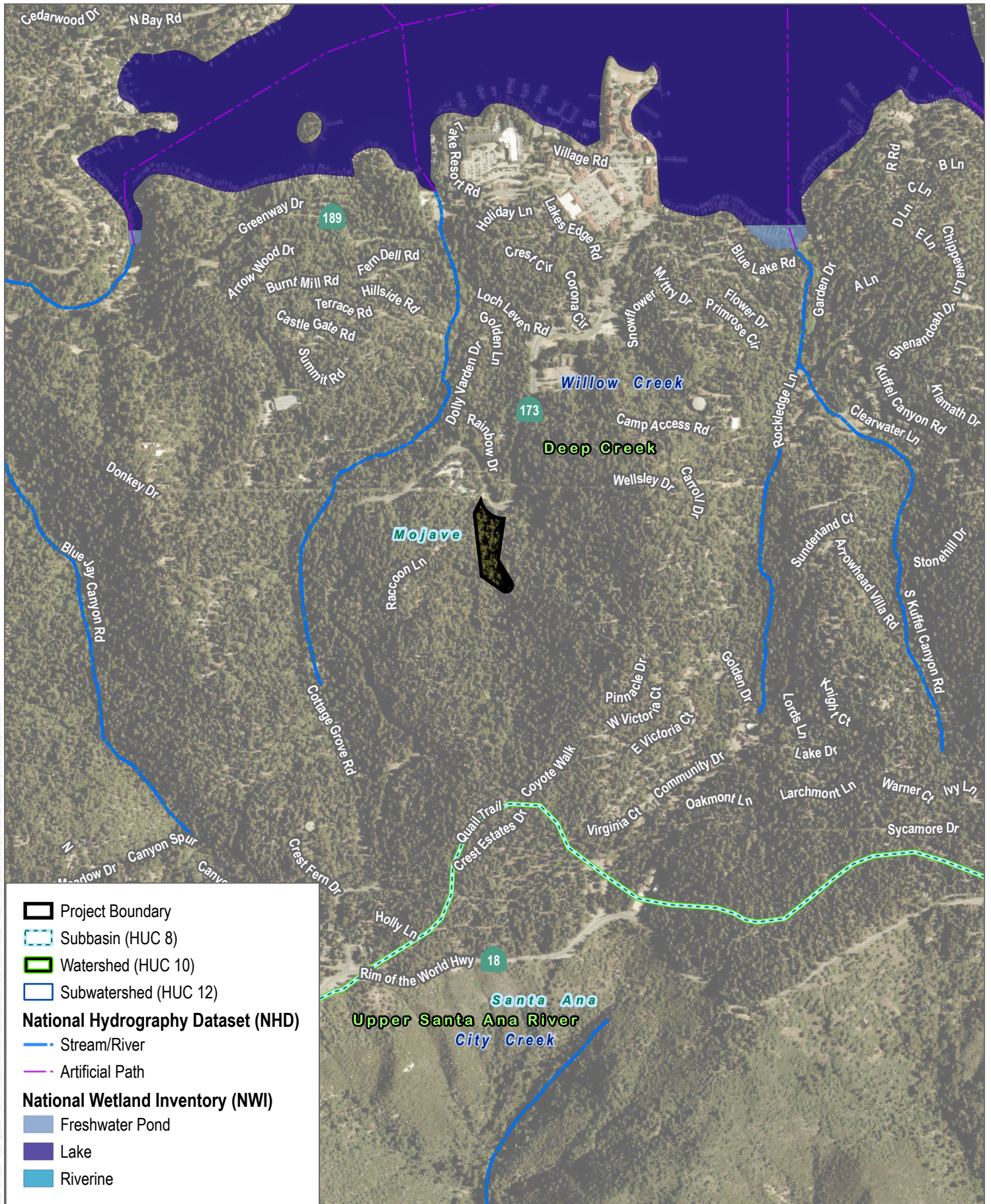
DUDEK



0 80 160
Feet

FIGURE 2
Soils

Two-Mile Groundwater Wells Project



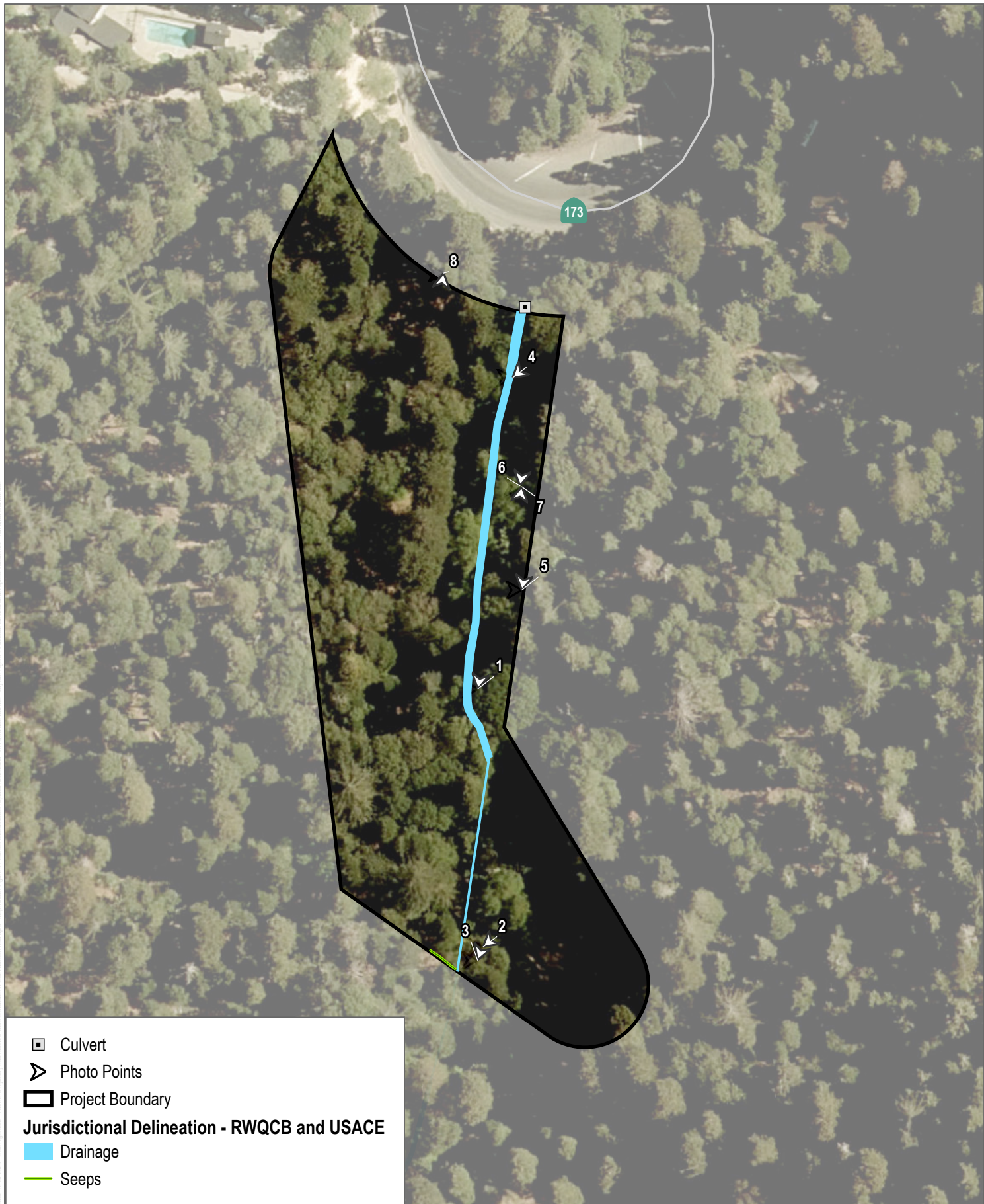
SOURCE: Esri World Imagery; USFWS NWI 2023; USGS NHD 2023

FIGURE 3

Hydrologic Resources

Two-Mile Groundwater Wells Project





SOURCE: Esri World Imagery

DUDEK



0 50 100 Feet

FIGURE 4
Potential Jurisdictional Aquatic Resources - RWQCB and USACE
Two-Mile Groundwater Wells Project



SOURCE: Esri World Imagery

DUDEK



0 50 100 Feet

FIGURE 5
Potential Jurisdictional Resources - CDFW

Two-Mile Groundwater Wells Project

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Appendix B

Review Area Photos



Photo 1. Upstream representative view of NWW-1, photo facing south.



Photo 2. View of seep on eastern side of NWW-1. Photo facing south.



Photo 3. View of seep of western side of NWW-1. Photo facing southwest.



Photo 4. View of seep at top (southernmost end) of NWW-1. Photo facing southwest.



Photo 5. View of upper portion of NWW-1. Photo facing south.



Photo 6. View of lowermost portion of SDAM reach, facing upstream. Photo facing south.



Photo 7. View of uppermost portion of SDAM reach, facing downstream. Photo facing north.



Photo 8. View of mid point of SDAM reach, facing downstream. Photo facing north.



Photo 9. View of mid point of SDAM reach, facing upstream. Photo facing south.



Photo 10. Overview of general habitat on site surrounding NWW-1. Photo facing southwest.

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Appendix C

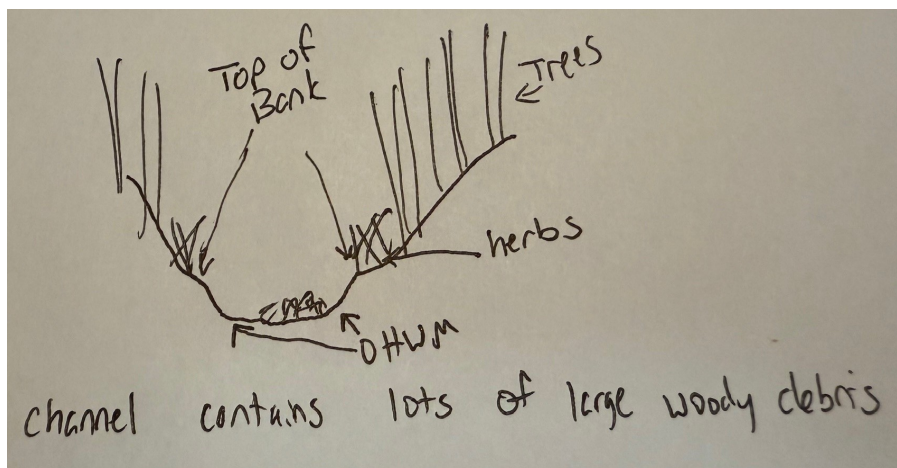
SDAM Data Form

Beta Arid West Streamflow Duration Assessment Method

General site information

Project name or number: Two Mile Wells Groundwater Project		
Site code or identifier:	Assessor(s): MM	
Waterway name: UT Lake Arrowhead		Visit date: 9/24/24
Current weather conditions (check one) ☐ Storm/heavy rain ☐ Steady rain ☐ Intermittent rain ☐ Snowing ☐ Cloudy (___ % cover) ☒ Clear/Sunny	Notes on current or recent weather conditions (e.g., precipitation in previous week):	Coordinates at downstream end (decimal degrees): Lat (N): 34.243816° Long (W): -117.192383° Datum: NAD83
Surrounding land-use within 100 m (check one or two): ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, vineyards, pasture) ☐ Developed open-space (e.g., golf course) ☐ Forested ☐ Other natural ☐ Other:		Describe reach boundaries: downstream reach boundary is a culvert; upstream reach boundary is 40X channel width
Mean channel width (m) 1	Reach length (m): 40x width; min 40 m; max 200 m. 40 meters	Enter photo ID, or check if completed Top down: _____ Mid down: _____ Mid up: _____ Bottom up: _____
Disturbed or difficult conditions (check all that apply): ☐ Recent flood or debris flow ☐ Stream modifications (e.g., channelization) ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☒ None		Notes on disturbances or difficult site conditions:
Observed hydrology: 100 _____ % of reach with surface flow 100 _____ % of reach with sub-surface or surface flow 0 _____ # of isolated pools		Comments on observed hydrology: stream is flowing with 1-2 inches of water

Site sketch:



1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable: ☐ No vegetation in assessment area ☐ No hydrophytes in assessment area

Species	Odd distribution?	Notes	Photo ID

Notes on hydrophytic vegetation:

2 and 3. Aquatic invertebrates

2. How many aquatic invertebrates are quantified in a 15-minute search? Number of individuals quantified: ☐ None ☐ 1 to 19 ☐ 20 + (Do not count mosquitos) Photo ID: _____	3. Is there evidence of aquatic stages of EPT (Ephemeroptera, Plecoptera and Trichoptera)? ☐ Yes / ☐ No  Ephemeroptera larva Image credit: Dieter Tracey  Plecoptera larva Tracey Saxby  Trichoptera larva Tracey Saxby
--	--

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the streambed? ☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☒ Not detected ☐ Yes, < 10% cover ☐ Yes, ≥ 10% (check Yes in single indicator below)	Notes on algae cover: entire reach is heavily shaded under a dense understory	Photo ID:
--	--	---	------------------

5. Are single indicators observed?

Indicator	Present	Notes	Photo ID
Fish	☐ Yes ☐ No, no fish ☐ No, only non-native mosquitofish		
Algae cover ≥ 10%	☐ Yes ☐ No		

Supplemental information E.g., aquatic or semi-aquatic amphibians, snakes, or turtles; iron-oxidizing bacteria and fungi; etc.

The stream is fed by 3 springs that were flowing at the time of the site survey. These springs have been piped and used as a water supply to adjacent (now abandoned) buildings in the past. Hydrophytic vegetation was not observed within the assessment reach due to the dense tree overstory.

Photo log

Indicate if any other photos taken during the assessment

Photo ID	Description

Additional notes about the assessment:

Assessment reach is assumed to be perennial due to the presence of 1-2 inches of flowing water and 3 flowing seeps during the dry season assessment.

Classification: _____

1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicators • fish present • algae cover $\geq 10\%$	Classification
None	None	Absent	Absent	Absent	Ephemeral
				Present	At least intermittent
	Few (1-19)	Absent	Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
				Present	At least intermittent
		Present	Present	Absent	Need more information
				Present	At least intermittent
	Many (20+)	Absent			At least intermittent
			Absent	Absent	Need more information
				Present	At least intermittent
			Present	Absent	Need more information
				Present	At least intermittent
		Present			At least intermittent
Few (1-2)	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
	Few (1-19)	Absent	Present		At least intermittent
			Absent		Intermittent
		Present	Present		At least intermittent
					At least intermittent
	Many (20+)	Absent	Absent		Intermittent
			Present		At least intermittent
		Present	Absent		At least intermittent
			Present		Intermittent
Many (3+)	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
	Few (1-19)	Absent			At least intermittent
		Present			Perennial
	Many (20+)	Absent			At least intermittent
		Present			Perennial

Shading provided to enhance readability by increasing the contrast between neighboring cells; empty cells indicate the classification will not change with additional information however it is recommended that all five indicators be measured and recorded during every assessment.

Appendix D

Request for a Jurisdictional Determination

U.S. Army Corps of Engineers (USACE)
REQUEST FOR JURISDICTIONAL DETERMINATION (JD)

For use of this form, see Sec 404 CWA, Sec 10 RHA, Sec 103 MPRSA; the proponent agency is CECW-COR.

Form Approved -
OMB No. 0710-0024
Expires 2027-09-30

DATA REQUIRED BY THE PRIVACY ACT OF 1974

Authority Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332.

Principal Purpose The information that you provide will be used in evaluating your request to determine whether there are any aquatic resources within the review area that are or that may be subject to federal jurisdiction under the regulatory authorities referenced above.

Routine Uses This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public, and may be made available as part of a public notice or FOIA request as required by federal law. Your name and property location where federal jurisdiction is to be determined will be included in any approved jurisdictional determination (AJD), which will be made available to the public on the District's website and on the Headquarters USACE website.

Disclosure Submission of requested information is voluntary, however, if the information is not provided there may be some delay in processing your request. Failure to provide this information will not result in an adverse action.
System of Record Notice (SORN): The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website:
<http://dpcld.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx>

The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0024, is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. To (*District Name*): Los Angeles District

2. I am requesting a JD on property located at (*Street Address*): 505 CA-73

City/Township/Parish: Cedar Glen

County: San Bernardino

State: California

Acreage of Parcel/Review Area for JD: 3.8 acres

Section: 21

Township: 2N

Range: 3W

Latitude (*decimal degrees*): 34.242123 °

Longitude (*decimal degrees*): -117.19199 °

(*For linear projects, please include the center point of the proposed alignment.*)

3. Please attach a survey/plat map and vicinity map identifying location and review area for the JD.

4. ☐ I currently own this property.

☐ I plan to purchase this property.

☒ I am an agent/consultant acting on behalf of the requester.

☐ Other (*provide explanation*):

5. Reason for request: (check as many as applicable)

- ☐ I intend to construct/develop a project or perform activities on this parcel which would be designed to avoid all aquatic resources.
- ☐ I intend to construct/develop a project or perform activities on this parcel which would be designed to avoid all jurisdictional aquatic resources under Corps authority.
- ☒ I intend to construct/develop a project or perform activities on this parcel which may require authorization from the Corps, and the JD would be used to avoid and minimize impacts to jurisdictional aquatic resources and as an initial step in a future permitting process.
- ☐ I intend to construct/develop a project or perform activities on this parcel which may require authorization from the Corps; this request is accompanied by my permit application and the JD is to be used in the permitting process.
- ☐ I intend to construct/develop a project or perform activities in a navigable water of the U.S. which is included on the district Section 10 list and/or is subject to the ebb and flow of the tide.
- ☐ A Corps JD is required in order to obtain my local/state authorization.
- ☐ I intend to contest jurisdiction over a particular aquatic resource and request the Corps confirm that jurisdiction does/does not exist over the aquatic resource on the parcel.
- ☐ I believe that the site may be comprised entirely of dry land.
- ☐ Other (provide details below):

6. Type of determination being requested:

- ☒ I am requesting an approved JD.
- ☐ I am requesting a preliminary JD.
- ☐ I am requesting a "no permit required" letter as I believe my proposed activity is not regulated.
- ☐ I am requesting a verification of an aquatic resources delineation but I am not requesting a JD.
- ☐ I am unclear as to which JD I would like to request and require additional information to inform my decision.

7. Typed or Printed Name: Tommy Molioo

Daytime Phone No.: 949.212.9404

Company Name: Dudek

Email Address: tmolioo@dudek.com

Address: 27271 Las Ramblas, Suite 340, Mission Viejo, CA, 92691

By signing below, you are indicating that you have the authority, or are acting as the duly authorized agent of a person or entity with such authority, to and do hereby grant Corps personnel right of entry to legally access the site if needed to perform the JD. Your signature shall be an affirmation that you possess the requisite property rights to request a JD on the subject property.

Signature:



Digitally signed by Tommy Molioo
Date: 2024.10.10 12:53:56 -07'00'

Date: 2024-10-10

