

CivicSpark Fellows Presentation:

The Clear Lake Shoreline Assessment & Inventory Project for the Lake County Water Resources Department

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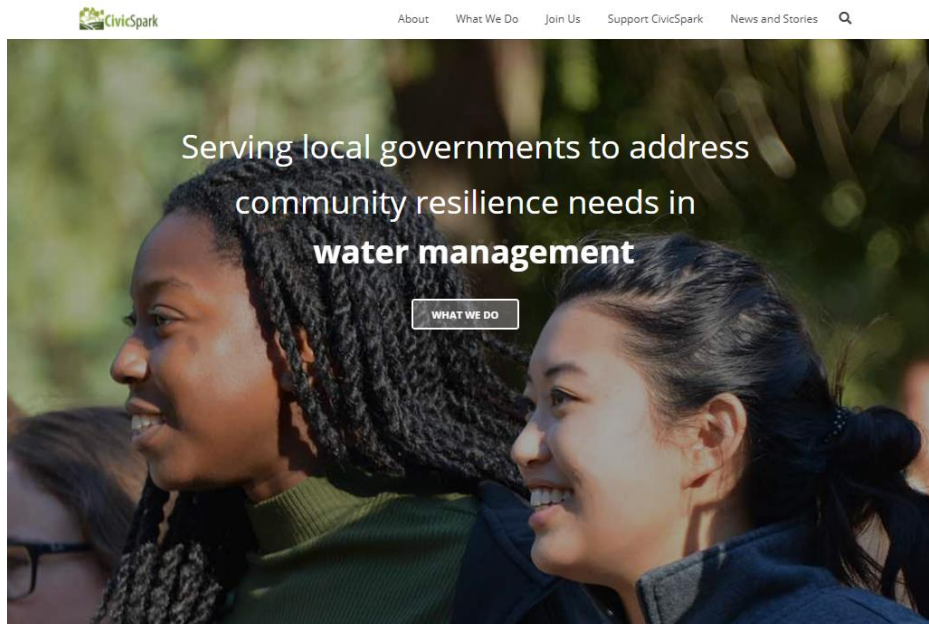
Liam Healey, CivicSpark Fellow



**Local
Government
Commission**

Leaders for Livable Communities

Overview of CivicSpark



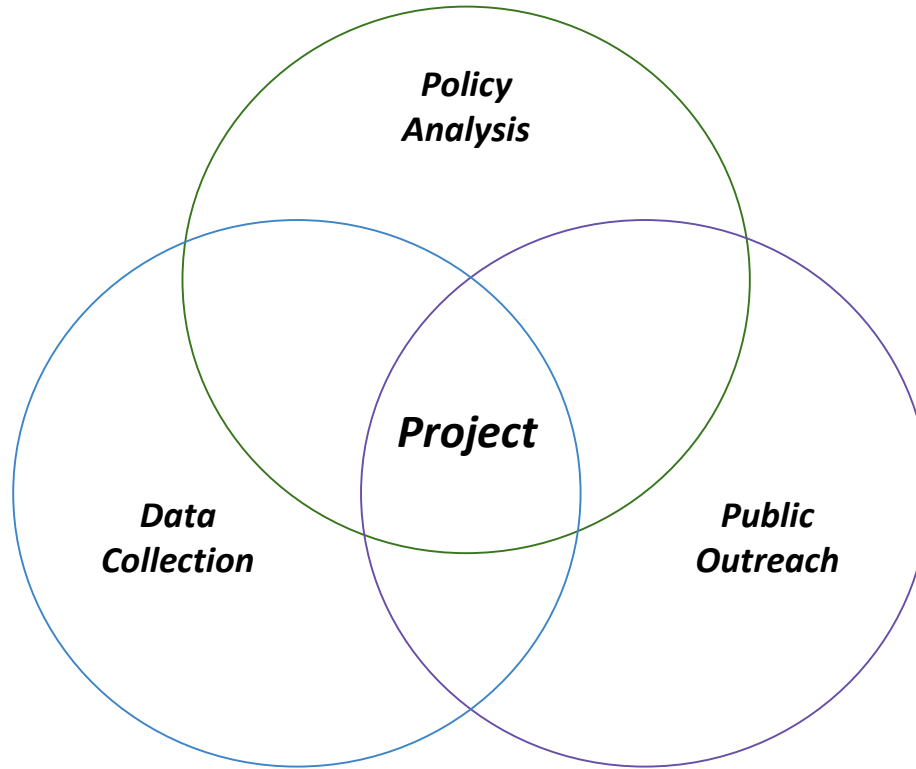
What is CivicSpark?



CivicSpark is a Governor's Initiative AmeriCorps program that is dedicated to **building capacity for local governments to address emerging environmental and social equity resilience challenges** such as **climate change, water resource management, affordable housing, and mobility**.

CivicSpark is administered by the Local Government Commission in partnership with the Governor's Office of Planning and Research.

Clear Lake Shoreline Assessment & Inventory Project



Score the Shore

Methodology

- Developed by the Michigan Clean Water Corps
- Quantitative tool designed towards delineating the shoreline based on its natural and built features
- Ex: % emergent vegetation, amount of woody debris, erosion along shoreline, vertical artificial, sloped artificial, etc.



Clear Lake

- Data collected in 1,000 ft. transects
- 17 individual Clear Lake regions
- Provides lake managers and the public the information they need towards maintaining existing healthy areas and steps towards improving degraded ones



3:03

Survey title not set

▼ Trip Information

Date *

Friday, June 25, 2021

Rumsey Level *

1

Surveyor Names: *

Liam

251

Region *

Site ID *

"Liam" Liamhl23 Liamhl3

q w e r t y u i o p

a s d f g h j k l

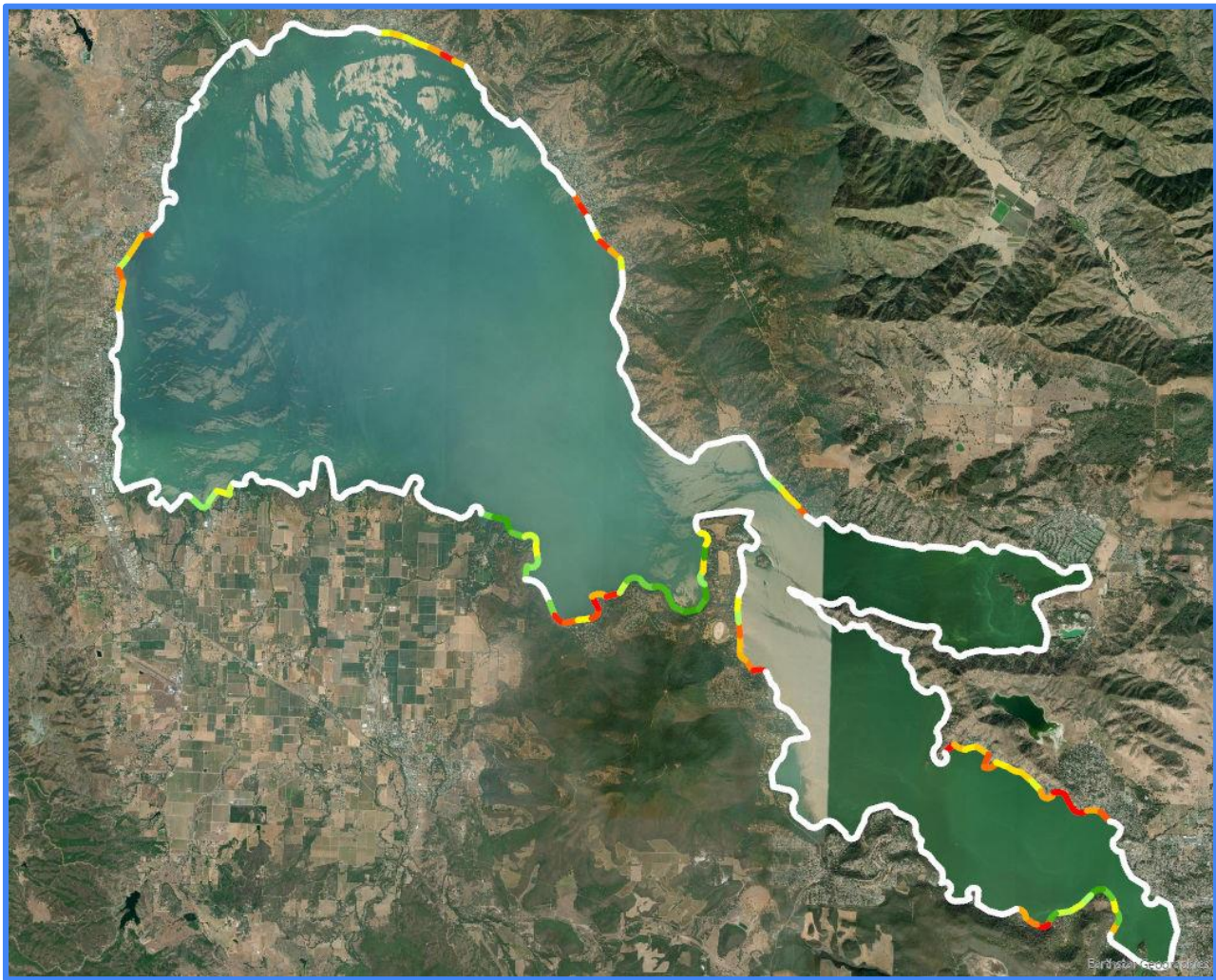
z x c v b n m

123 space return

😊 🎤

ArcGIS Collector

ArcGIS Survey 123



Score the Shore Results

Score the Shore Region Averages

Lakeport - 68.35 (n=12)

Nice/Lucerne - 60.78 (n=17)

Clearlake - 54.22 (n=16)

Soda Bay - 78.97 (n=29)

Lower Arm - 68.52 (n=19)

Developmental Density

Lakeport - 12.67

Nice/Lucerne - 12.58

Clearlake - 23.19

Soda Bay - 6.72

Lower Arm - 12.95

Current Progress:
Completed 93 of 354 Transects (26%)

Stakeholder Engagement & Public Outreach



This event will respect social distancing



Tools will be provided for volunteers



Come for a half day or full day of service



Help protect Highland Springs



Highland Springs Fire Fuel Reduction Service Day

Join the Lake County Water Resources Department in clearing fire prone brush at Highland Springs Park.

For more event information or to sign up, please email: Liam.Healey@lakecountycalifornia.gov

March 9th, 2021
9 AM to 4 PM

3600 E. Highland Springs Rd.
Lakeport, CA 95453



Questions
Responses

Clear Lake Broken-Down Docks Survey

The goal of this survey is to gauge the public's perceptions and priorities regarding the broken-down and disassembled docks around the Clear Lake shoreline. The results of this survey will be used to better address Lake County Water Resources Department (LWRD)'s staff on the topics and inform management of the shoreline. The survey will take approximately ten minutes to complete.

This survey was created by CidGarcia/AmecGorham Fellows in the LWRD. Responses are anonymous and all information is kept confidential. The full privacy statement is available at the following link: https://docs.google.com/document/d/1wz3D9Pz2t4t7tYm_jmFm0nD12z4yDQd1Lwv2d7g-sharing

Thank you very much for your participation. We greatly appreciate your help!

How old are you?

- under 18
- 19 - 34
- 35 - 49
- 50 - 70
- over 70

[Optional] What is your zip code?

LAKEBED PERMITTING

STEP-BY-STEP

WHY DO I NEED A PERMIT?

The Chapter 23 Shoreline Ordinance regulates the construction, alteration, and maintenance of structures along Clear Lake's shoreline, lakeward of the high water mark (7.79 ft. Rumsey).

31

To ensure timely project construction, you are encouraged to submit your application by July 31.

The permitting process involves three County resources: Planning, Engineering, and Building.

Fees support the County's ability to manage Clear Lake for recreation, fishing, ecological preservation, and other uses.

WHEN DO I NEED A PERMIT?

You need a lakeland permit if you are constructing a structure such as a dock or seawall along the shoreline or below the surface of the lake, or if you are filling or dredging lakeward of the high water mark.

HOW CAN I GET A PERMIT?

- #### PERMIT APPLICATION

Submit your application for a lakeland encroachment permit and pay the fee through the Water Resources Department. Visit the County of Lake website for a full schedule of fees.
- #### HABITAT EVALUATION

The Water Resources Department will complete a habitat evaluation of the proposed project site.
- #### ZONING CLEARANCE*

Apply for a zoning clearance and submit the zoning clearance fee through the Planning Department. Fees vary based on the proposed project.
- #### CEQA REVIEW

The Planning Department will complete CEQA review for your proposed project. A CEQA fee is required. Note that the CEQA process and fees vary based on the project's potential impact on the Clear Lake HNC or talus.
- #### BUILDING PERMIT*

Apply for a building permit through the Building Department. Pay a portion of the fee upfront, then pay the balance upon receipt of the permit. Note that fees vary based on the proposed project.
- #### OTHER PERMITS

Some projects require additional permits and/or fees from regional, state, or federal agencies. Contact the Water Resources Department to determine if your project requires additional permits and/or fees.

*Timing and availability of these services are dependent on the availability of staff.

*Check with applicable City or County agencies regarding additional permit requirements.

Water Resources Dept. waterresources@co.lake.ca.us (707) 263-2384
 Planning: planning@co.lake.ca.us (707) 263-2221
 Building: building@co.lake.ca.us (707) 263-2382

Or visit us at our website or at 255 N. Forbes St., Lakeside, CA 95453



CLEAR LAKE SHORELINE CLEAN-UP DAY

- **Saturday, June 19th from 9 AM to 1 PM**
- **No preregistration required! Check in at our tables in **Library Park** (Lakeport), **Redbud Park** (Clearlake), or **Lucerne Harbor Park** (Nice/Lucerne) on the day of the event**
- **Gloves, masks and bags provided**



Hosted by AmeriCorps CivicSpark Fellows at the City of Lakeport and County of Lake. Contact Connie Warthen at cwarthen@civicspark.lgc.org for more details.



Policy Analysis: Chapter 23 Clear Lake Shoreline Ordinance

Chapter 23 - CLEAR LAKE SHORELINE^[1]



Footnotes:

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Editor's note— Ord. No. 2460, § 1, adopted March 2, 1999, amended Ch. 23 in its entirety to read as herein set out in §§ 23-1—23-21. Prior to the complete amendment by Ord. No. 2460, Ord. No. 1506, adopted Sep. 3, 1985, amended §§ 23-4.10, 23-21.1, 23-21.2; Ord. No. 1610, adopted Oct. 14, 1986, amended § 23-4.11; Ord. No. 2088, adopted May 12, 1992, amended § 23-4.6; Ord. No. 2115, adopted Nov. 17, 1992, amended § 23-4.2; Ord. No. 2347, adopted Mar. 26, 1996, amended §§ 23-3, 23-6.1, 23-9, 23-15.1, 23-16.2; and Ord. No. 2433, §§ 1—3, adopted June 2, 1998, amended §§ 23-3.2, 23-4.1 and 23.14. Ord. No. 1316, § 1, adopted April 26, 1983, amended Ch. 23 in its entirety in §§ 23-1—23-15 and 23-20. Prior to amendment, Ch. 23, §§ 23-1—23-15, relative to lake shoreline development, derived from Ord. No. 917, § 1, adopted Nov. 22, 1976.

Sec. 23-1. - General Purpose.



The purpose of the chapter is to improve and protect the public's interest in the waters and the bed of the waters in and around Clear Lake, and to insure that the lands will be used for general statewide interests in furtherance of commerce, navigation, fishery, recreation and, wherever possible and appropriate, preservation of the land and waters in their natural state by establishing minimum standards for the construction, alteration, removal and maintenance of structures or other prescribed activities in the nearshore and foreshore of the lake.

(Ord. No. 2460, § 1, 1-18-2000)

Transition & Next Steps

CivicSpark Fellow 2021-2022: Clear Lake Watershed Steward





Questions?

Contact us:

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