

# California Rural Water Association Adds Special Workshop at Annual Meeting to Help Members Meet Lead & Copper Deadline

*EPA Reporting Deadline Requires California Water Systems to Inventory 10 Million Private Property Water Service Lines by October 16, 2024*

SOUTH LAKE TAHOE, NEVADA, USA, April 3, 2024 /EINPresswire.com/ -- The California Rural Water Association (CRWA) has added a special workshop to its [2024 EDUCATION AND EXHIBITOR EXPO](#) to help its members prepare for the EPA's Lead & Copper Rule Revision (LCRR) deadline of October 16, 2024.



California Rural Water Association's 2024 EDUCATION AND EXHIBITOR EXPO, South Lake Tahoe, April 22-25, 2024.

Where: Harvey's Hotel, South Lake Tahoe, Nevada

When: Tuesday, April 23, 2024

What Time: 3:00pm - 5:00pm, Pacific Daylight Time



David Kinsella and I look forward to this 2-hour workshop on best practices in building an accurate water service line inventory."

*Chuck Hansen, Chairman & CEO, Electro Scan Inc.*

Max. Number of Attendees: 60

Workshop Instructors:

- Chuck Hansen, Chairman & CEO, [Electro Scan Inc.](#)
- David Kinsella, President, [Element 82 LLC](#).

California water systems will be required to assess a combined 10 million privately-owned water services as part of the EPA LCRR and notify ratepayers if pipe materials delivering drinking water to their homes or businesses are Lead, Galvanized Pipes Requiring Replacement, or

Unknown pipe materials.

In California, notifications by water systems to ratepayers must occur within 30 days after the Division of Drinking Water's (DDW) has accepted & approved an agency's completed inventory.

"David and I look forward to our two-hour workshop on best practices in building an accurate water service line inventory," stated Hansen.

"California drinking water systems have already completed inventories of all utility-owned water services, as required by a 2018 State Law. Now comes the hard part. To inventory all private property-owned water service lines," stated Hansen.

As of August 7, 2023, California had a total of 9,984,393 utility-owned water service connections, reported by 8,701 water providers, supporting a statewide population of 43,162,374.

According to the California State Water Resources Control Board (SWRCB), all community and non-transient non-community water systems must complete and submit their inventory of PUBLIC and PRIVATE water service lines by October 16, 2024.

In 2018, California Senate Bill No. 1398 (amended by Senate Bill No. 427) required all community water systems to compile an inventory of partial or total lead service lines.

For example, in 2019, Contra Costa Water District (CCWD) completed its water service line inventory that reported 60,529 CCWD-owned water service lines (from the main to the meter). No utility-owned lead service lines were found as of their inventory.

The new inventory being conducted by CCWD focuses on the customer-owned portion of the service line (from the meter to the home).

With 10 million property-owned water services to be inventoried, water systems serving counties



With nearly 400,000 housing units in San Francisco County, 184,841 or 46% of homes were built before 1939, resulting in a Median Year Homes Built of 1944. The oldest of all California counties.

Median Year Homes Built in California, By County

Rank	County	Median year homes built	Homes built 1939 or earlier		Homes built since 2000		Total homes built
			Percent	Amount	Percent	Amount	
1	San Francisco	1944	46.4%	184,841	11.0%	43,000	14,210,945
2	Los Angeles County	1963	14.7%	933,627	9.2%	290,661	3,559,790
3	San Mateo County	1965	8.2%	22,891	9.2%	25,526	278,756
4	Marin County	1966	13.1%	14,730	6.3%	7,117	112,319
5	Alameda County	1968	19.3%	116,754	11.1%	66,979	605,767
6	Humboldt County	1972	14.5%	9,107	11.5%	7,274	63,003
7	Inyo County	1972	9.1%	867	8.4%	796	9,514
8	Santa Cruz County	1973	11.4%	12,068	10.2%	10,802	105,819
9	Santa Barbara County	1973	8.2%	12,997	11.9%	18,946	159,317
10	Sierra County	1974	17.2%	401	12.8%	298	2,337
11	Modoc County	1974	16.8%	886	9.5%	498	5,259
12	Monterey County	1974	7.2%	10,178	12.0%	17,035	141,910
13	Santa Clara County	1974	4.9%	13,100	15.2%	103,602	668,494
14	Napa County	1975	8.5%	4,681	14.9%	8,226	55,339
15	Siskiyou County	1976	14.3%	3,446	14.1%	3,406	24,177
16	Colusa County	1976	11.3%	922	18.6%	1,518	8,152
17	Mendocino County	1976	10.9%	4,463	14.8%	4,665	40,874
18	Glenn County	1976	9.2%	1,034	12.5%	1,401	11,210
19	Ventura County	1976	3.5%	10,252	12.8%	37,181	289,425
20	Orange County	1976	2.5%	27,266	13.6%	140,779	1,101,244
21	Contra Costa County	1977	4.3%	17,776	15.4%	63,960	415,067
22	Lassen County	1978	9.0%	1,147	15.6%	1,990	12,766
23	Sonoma County	1978	8.3%	17,047	13.9%	28,758	206,498
24	Trinity County	1978	5.4%	478	14.7%	1,366	8,895
25	Butte County	1979	6.4%	6,020	16.2%	15,260	93,968
26	Fresno County	1979	5.9%	19,512	20.3%	67,547	333,357
27	Tuolumne County	1979	5.2%	1,630	11.1%	3,499	31,572
28	Sacramento County	1979	4.8%	27,487	18.2%	104,133	572,816
29	San Diego County	1979	4.2%	50,943	16.0%	194,401	1,215,528
30	Tehama County	1980	6.8%	1,879	18.8%	5,180	27,618
31	Stanislaus County	1980	6.2%	11,229	19.0%	34,634	182,239
32	Sutter County	1980	5.5%	1,877	20.6%	7,100	34,894
33	Plumas County	1980	4.6%	726	17.5%	2,782	15,873
34	Lake County	1980	4.2%	1,464	17.4%	6,014	34,477
35	Mono County	1980	4.1%	579	15.8%	1,258	14,092
36	Del Norte County	1980	3.5%	402	13.7%	1,557	11,349
37	Merced County	1981	6.0%	5,199	23.8%	20,603	86,691
38	Tulare County	1981	5.4%	8,157	22.7%	34,078	150,079
39	Solano County	1981	5.3%	8,474	16.1%	25,663	159,055
40	Alpine County	1981	3.9%	70	16.8%	302	1,794
41	Shasta County	1981	2.6%	2,048	15.3%	12,010	78,488
42	Amador County	1982	9.1%	1,656	23.1%	4,215	18,246
43	San Joaquin County	1982	7.1%	17,338	23.9%	68,449	245,193
44	Yuba County	1982	5.3%	1,525	29.1%	8,325	28,632
45	San Luis Obispo County	1982	5.0%	6,057	20.3%	24,873	122,256
46	Yolo County	1982	4.9%	3,863	22.7%	17,814	78,565
47	San Bernardino County	1982	3.6%	29,656	18.1%	130,682	721,376
48	Nevada County	1983	5.8%	3,147	15.8%	8,530	53,905
49	Kern County	1983	4.4%	13,215	23.1%	69,148	299,179
50	El Dorado County	1983	2.9%	2,691	18.8%	17,213	91,569
51	Kings County	1984	6.0%	2,761	23.3%	10,678	46,267
52	Mariposa County	1984	5.6%	589	16.3%	1,720	10,525
53	San Benito County	1985	8.8%	1,683	16.9%	3,248	19,215
54	Madera County	1987	3.3%	1,644	27.4%	13,823	50,480
55	Calaveras County	1987	3.2%	908	21.4%	6,001	28,096
56	Imperial County	1989	2.6%	1,481	27.5%	15,893	57,855
57	Riverside County	1989	2.1%	18,028	11.5%	266,148	845,066
58	Placer County	1992	3.1%	5,124	13.8%	56,063	166,083

Source: Point2Homes Demographics, Hansen Analytics, LLC, 2024

Median Year Homes Built in California, By County.

with the oldest 'Median Year Housing Built,' such as San Francisco (1944), Los Angeles (1963), San Mateo (1965), Marin (1966), and Alameda (1968) counties, may have the greatest risk of finding lead water services on private properties.

Learning objectives for the CRWA Special Workshop, includes:

- Major inventory deadlines under the EPA's LCRR & LCRI programs.
- Alternatives to excavating service lines to determine pipe materials.
- How to 'validate' service line inventories when asked by customers.
- How high lead readings may occur even if no lead pipes are found.
- Recommended Standard Operating Procedures when lead pipes are found.
- How should lead services should be decommissioned & replaced? Costs?

To visit the CRWA Conference Website, click here:

<https://calruralwater.org/expo/>

To download the Attendee Registration Form, click here:

<https://calruralwater.org/wp-content/uploads/2024/03/2024-Expo-Attendee.pdf>

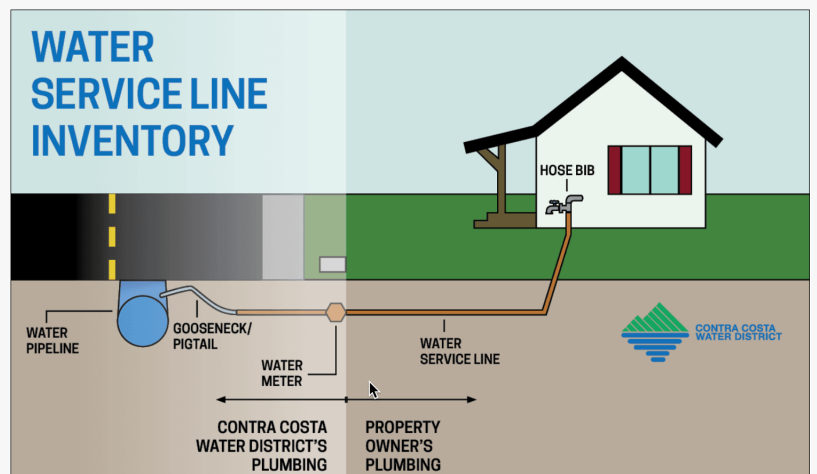
Established in 1987 and incorporated in 1990, CRWA is a 501(c)(3) non-profit organization that has emerged as the State of California's leading association dedicated to providing on-site technical assistance and specialized training for rural water and wastewater systems. Supporting over 4,000 members, CRWA is headquartered in Sacramento, California.

#### ABOUT ELEMENT 82 LLC

Element 82 LLC is headquartered in Orlando, FL, where it offers a diversified service offering to help cities identify and reduce homeowner's expose to lead water services. In addition to



Locating Buried Lead Pipes Has Now Been Made Easy and Non-Destructive Using Patented Products from Electro Scan Inc.



In 2019, Contra Costa Water District (CCWD) completed a water service line inventory on the CCWD-owned portion (from the main to the meter) and determined there were no lead service lines. The new inventory focuses on the customer-owned portion of the service line.



offering Electro Scan SWORDFISH buried lead pipe detection services, the company is also capable of water service line replacement. Operating throughout the State of Florida, the Company is also partnering with Electro Scan Inc. to deliver services throughout the United States.

#### ABOUT ELECTRO SCAN INC.

Electro Scan Inc. is headquartered in Sacramento, CA, and is a leading international supplier of machine-intelligent pipeline assessment and quality assurance products and services for the water, sewer, and oil & gas markets. The company designs, develops, and markets proprietary equipment and delivers technical field services using its SaaS-based cloud application that automatically locates, measures, and reports leaks and water service line pipe materials, including lead pipes. The company's products and professional services detect buried lead water services on a house-by-house basis; typically not found by legacy inspection methods.

#### HASHTAGS

#acousticsensors #ai #amp8 #artificialintelligence #asce #askchuck #awwa #awwam77  
#britishwater #californiadrought #chuckhansen #cipp #conditionassessment #conductivity  
#deeplearning #drainage #drought #dwi #electromagnetic #electroscan #epa #esg  
#esginvesting #fell #gettheleadout #gpm #infrastructure #innovyze #inspection #iot #lcri #lcr  
#lcr #leak #leadpipe #leadpipe #leadpipe #leadpipe #leadpipe #leadpipe #leadpipe #leadpipe  
#m77 #machinelearning #megadrought #ml #nassco #pacp #pcat #piperepair  
#pressuretransient #resilient #resiliency #satellite #sewer #sewerai #sustainability #swan  
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