

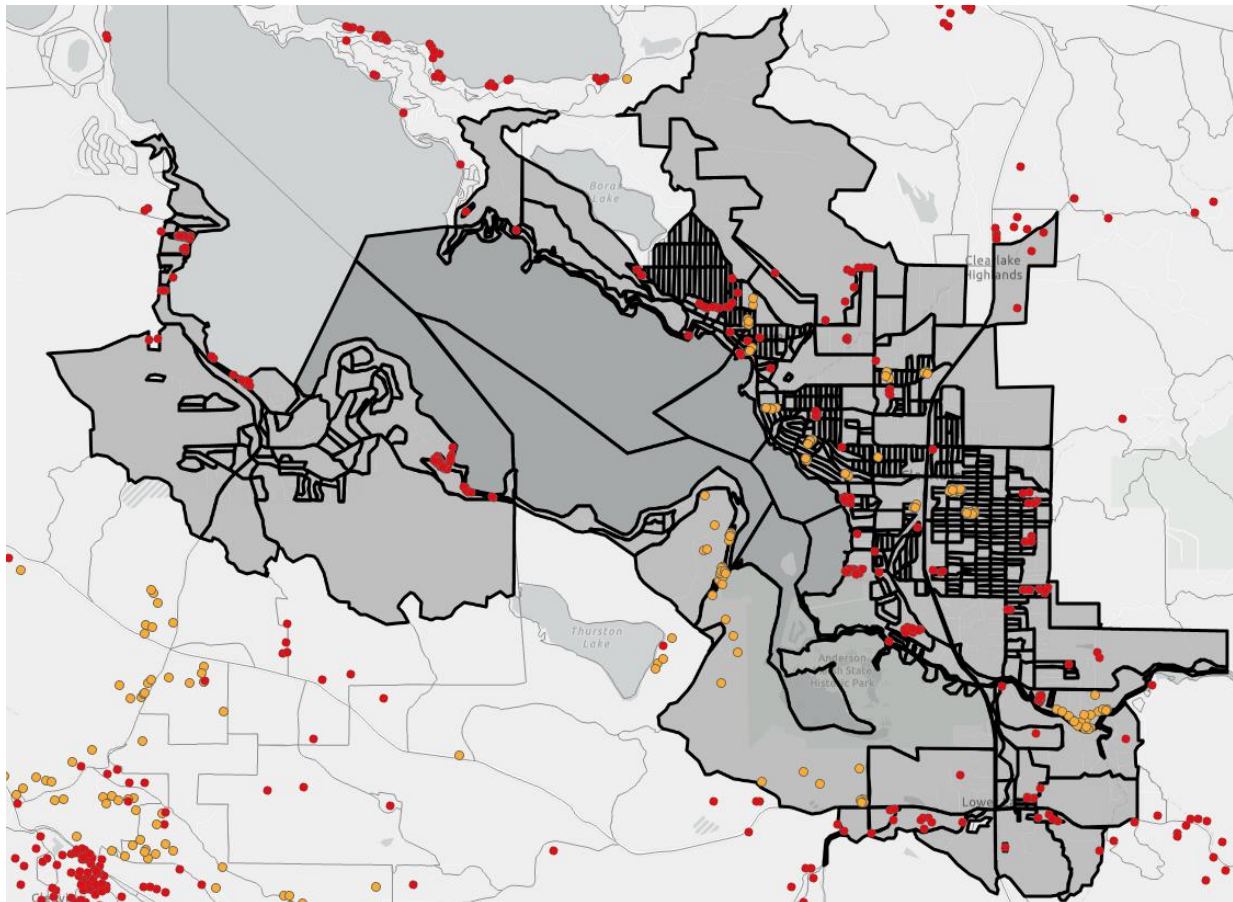
**California Advanced Services Fund  
Broadband Infrastructure Grant Account Application**

**Project Summary**

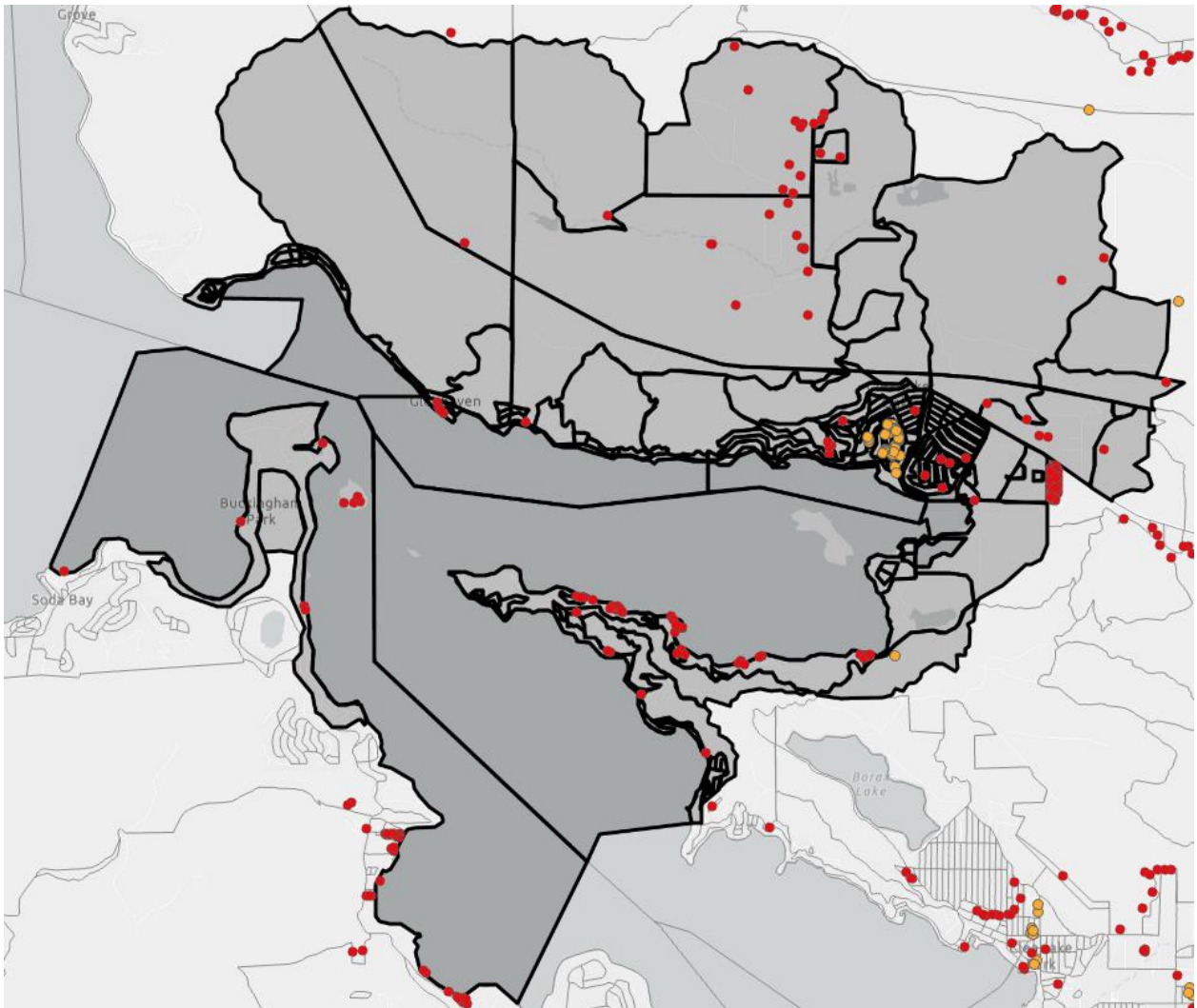
<b>Applicant</b>	North Coast Networks, LLC
<b>Contact</b>	James Farlow <a href="mailto:james@northcoastnet.com">james@northcoastnet.com</a>
<b>Project Title</b>	East Lake County
<b>Location</b>	Lower Lake, Kelseyville, Clearlake, Clearlake Oaks, Glenhaven, Lucerne & Nice
<b>Type</b>	Hybrid Last-Mile/Middle Mile
<b>Grant Funds Requested</b>	\$1,928,700
<b>Number of Priority Unserved &amp; Unserved Serviceable Locations</b>	612
<b>Funds Per Serviceable Location</b>	\$3,151.47

**Project Area Map**

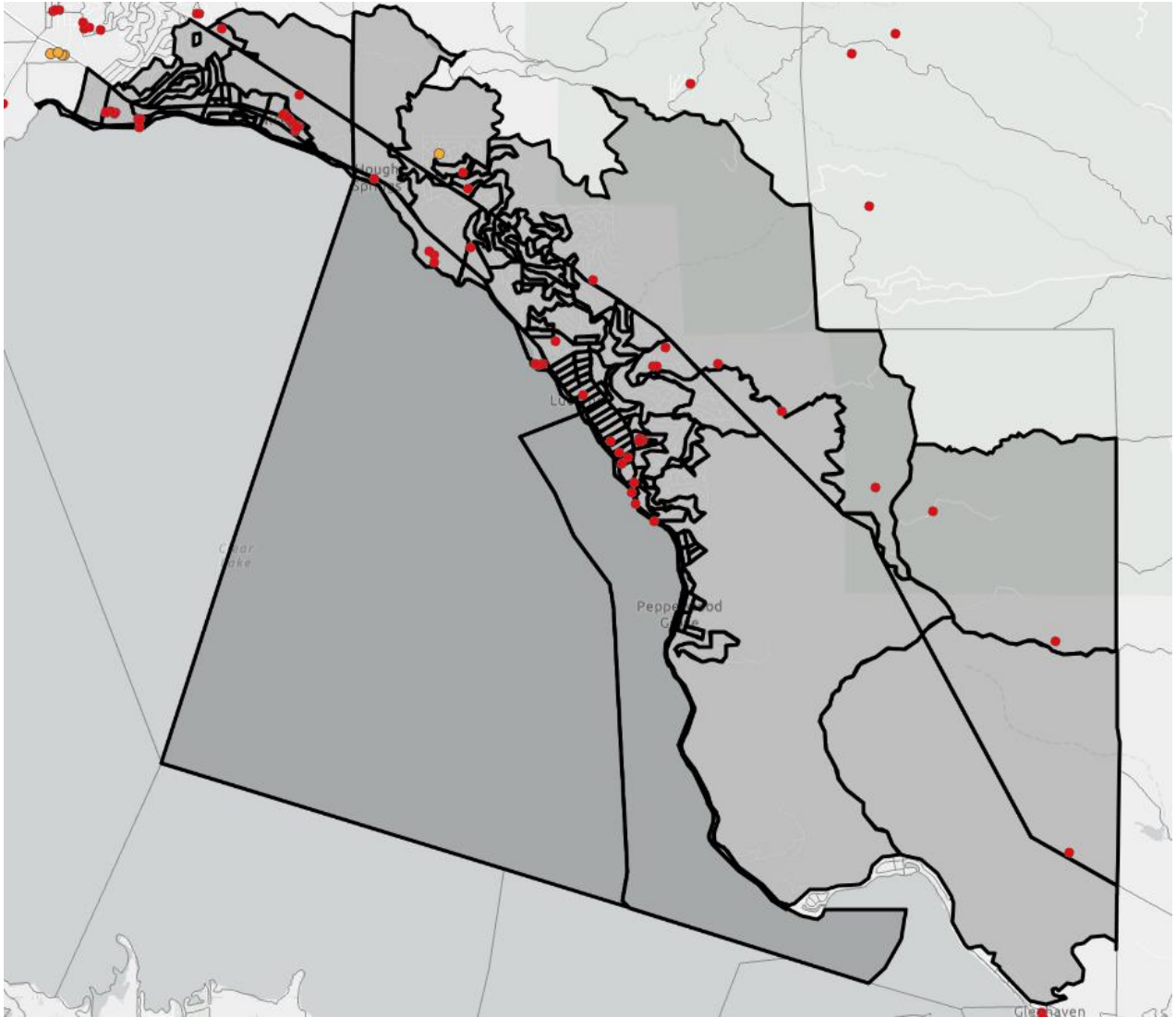
**Kelseyville, Lower Lake & Clearlake**



# Kelseyville, Clearlake Oaks & Glenhaven



## Lucerne & Nice



### Census Blocks

060330001001066	060330005011103	060330005011153
060330001001067	060330005011110	060330005012010
060330005011085	060330005011121	060330005012011
060330005011086	060330005011130	060330005012018
060330005011093	060330005011143	060330005012019
060330005011102	060330005011146	060330005012020

060330005012022	060330006022013	060330007031030
060330005012029	060330006022015	060330007031034
060330005021021	060330006022024	060330007031037
060330005021035	060330006022032	060330007031045
060330005021036	060330006022035	060330007032006
060330005021045	060330006023074	060330007032010
060330006011004	060330006023085	060330007032011
060330006011005	060330006023086	060330007032018
060330006011006	060330007021001	060330007032019
060330006011008	060330007021008	060330007032033
060330006012007	060330007021018	060330007032034
060330006012018	060330007021050	060330007032037
060330006012023	060330007021077	060330007041030
060330006012024	060330007022012	060330007041031
060330006012025	060330007022013	060330007041042
060330006012027	060330007022050	060330007041052
060330006012038	060330007022063	060330007042007
060330006012041	060330007022066	060330007042015
060330006021001	060330007022071	060330008011002
060330006021006	060330007022077	060330008011004
060330006021009	060330007022082	060330008011012
060330006021017	060330007023011	060330008011019
060330006021034	060330007023013	060330008011025
060330006021035	060330007023025	060330008011029
060330006022002	060330007031004	060330008012001
060330006022003	060330007031024	060330008022010
060330006022006	060330007031027	060330008022018

060330008022027	060330009011012	060330009022009
060330008023013	060330009011020	060330009022023
060330008023016	060330009011021	060330009023000
060330008023024	060330009021008	060330012001021
060330008024008	060330009022000	060330012003001
060330008024019	060330009022002	060330012003017
060330009011000	060330009022003	060330012003032
060330009011004	060330009022004	060330012003033

The East Lake County project will provide service to 612 priority unserved and unserved locations.

According to the data available through the California Interactive Broadband Map, the maximum speeds currently offered to these areas are less than 10 Mbps downstream and 1 Mbps upstream for priority unserved locations and less than 25 Mbps downstream and 3 Mbps upstream for unserved locations. This project will make speeds available up to 200 Mbps downstream and 25 upstream.

The median household income of the project area is \$49,284.38

There are 35 anchor institutions, businesses, or public safety locations within the project area. There are 14 Mobile Home Parks that will receive new or improved service from this project.

There is no major infrastructure proposed with this project.

There is no aerial cabling or underground cabling with this project.

The major equipment associated with this project is:

- Licensed Microwave Links
- Switches & Routers
- Equipment Cabinet
- Back up Power
- High Capacity Licensed Access Points
- High Capacity Licensed End User Devices

Major equipment expenses are \$1,352,520.00.

Construction will take less than 12 months to complete.

The East Lake County Project is a Last-Mile fixed wireless deployment utilizing existing towers to deliver service to the households in each block. Due to the remoteness of most of the blocks in this project, licensed microwave will be used as Middle-Mile backhaul for bandwidth between an accessible fiber location and the point-to-multipoint Last-Mile site.

Once completed, households in the covered blocks will have access to download speeds of up to 200 Mbps download and upload speeds of up to 25 Mbps.

North Coast Networks, LLC believes this project to be categorically exempt from CEQA requirements based on the existing facilities.

North Coast Networks, LLC is not disputing the Broadband Maps depiction of served status for the blocks in this application.

North Coast Networks, LLC is seeking Ministerial Review of this Project based on: (a) the grant amount requested for this project is less than \$25,000,000, (b) is not expected to be challenged (c) it is expected to be CEQA exempt, (d) we do not expect to see any competing applications for the project area and the cost is \$4,500 per household or less, (e) a low-income broadband plan of \$15 or less per month will be offered to the serviceable locations, (f) the applicant and project meet the program eligibility requirements.

The Middle-Mile component of this project is dispensable for accessing the Last-Mile infrastructure. This is due to the lack of other Middle-Mile facilities in or near these blocks. This is evidenced by the lack of broadband services in these areas.