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# Setbacks at a ground level

— CCEJN —

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city in the hills



Basemaps

Morning  
star

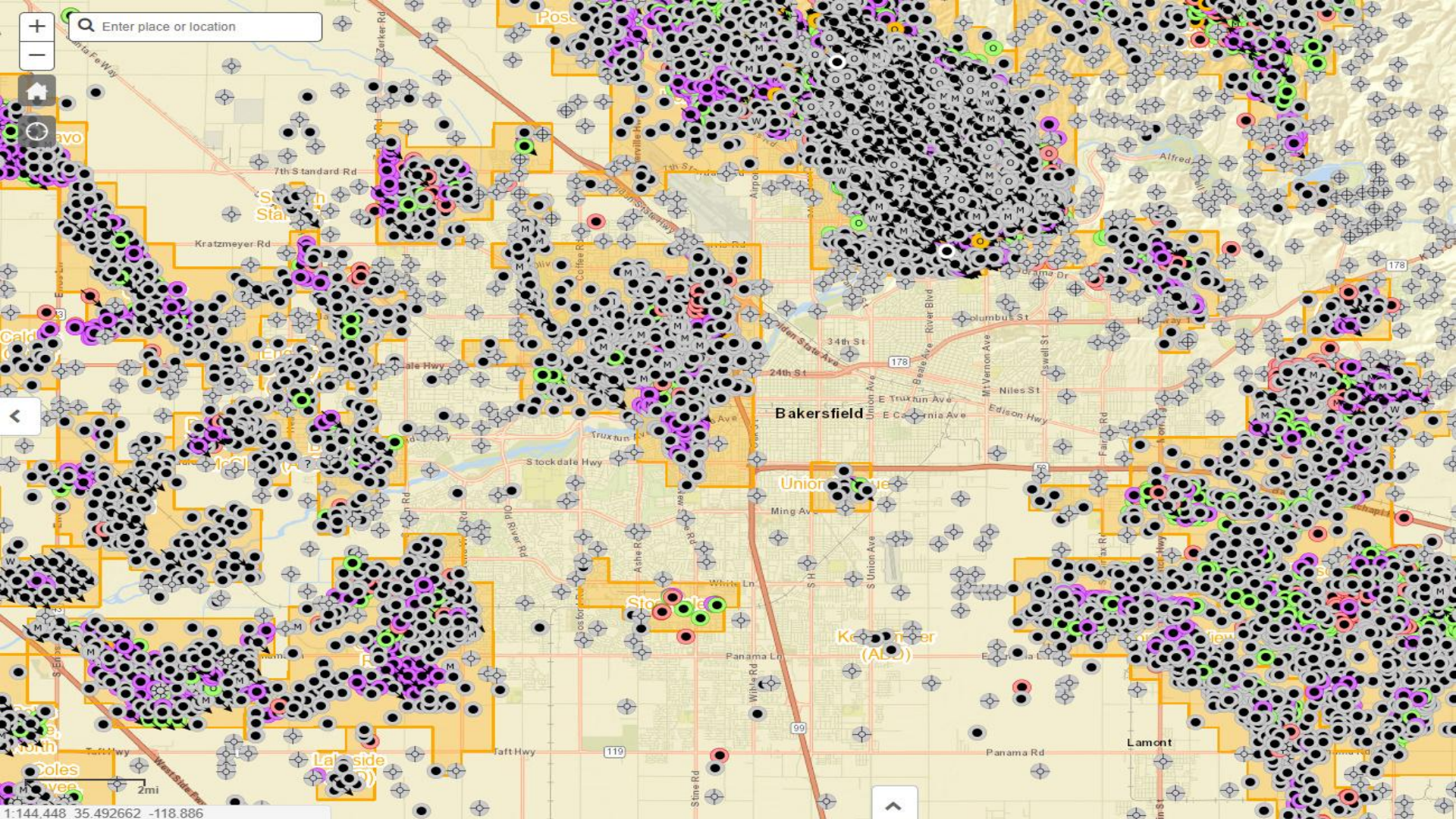
Kern Bluff

300ft

1:4.514 35.403552 -118.906002







## Air sample results - Climate

These levels of methane (21,900 $\mu\text{g}/\text{m}^3$ ) and natural gas liquids vastly exceed naturally-occurring levels. For example, present-day levels of methane, a well-studied greenhouse gas, are only 1270  $\mu\text{g}/\text{m}^3$  (1.8 parts per million) in ambient air unaffected by a source of VOC pollution.

## Air sample results - Public Health

The level of **benzene** collected at the intersection of Towner Drive & Nelson Court in Arvin, **was 15  $\mu\text{g}/\text{m}^3$**  If this is the generally prevailing level of benzene at this location, then **it represents an unacceptable lifetime cancer risk** of 435 per million exposed individuals. It also represents a **level that is 5 times the level established by OEHHA**

## Air Sample results Public safety

If the oil & gas storage facility is indeed the source of these VOCs, then levels of methane and natural gas liquids would be **exponentially higher in air that is nearer to the leakage**, raising the concern of whether **VOCs exist at levels at which** a source of ignition (e.g. a spark) **could cause a damaging explosion**.



# When an Oil Well Is Your Neighbor - Liza Gross 2022

...he told her all the health problems the compounds have been linked to in studies: nosebleeds, headaches, fatigue, dizziness, loss of memory.

“Does any of that sound familiar?”

“Most of those symptoms you just named?” Martinez said, sighing. “Every day.”

One amazing line in the report (see p53) rings particularly true in our experience: "One occupational classification has consistently demonstrated itself as a strong indicator of opposition to the siting of noxious facilities, especially nuclear power plants — housewives." It's amazing how well these words and the strategies outlined in this document over 20 years ago still hold very true today.

### **Here's what the Cerrell study says:**

#### LEAST LIKELY TO RESIST

Southern, Midwestern communities  
Rural communities  
Open to promises of economic benefits  
Conservative, Republican, Free-Market  
Above Middle Age  
High school or less education  
Low income  
Catholics  
Not involved in social issues  
Old-time residents (20 years+)  
"Nature exploitive occupations"  
(farming, ranching, mining)

#### MOST LIKELY TO RESIST

Northeastern, western, California  
Urban communities  
Don't care or benefits are minor  
Liberal, Democrat, "Welfare State"  
Young and middle-aged  
College-educated  
Middle and upper income  
Other  
Activist  
Residents for 5-26 years  
Professional (i.e. "YUPPIES")

### **Counter-measures**

To deflate a Cerrell strategy, get it out before your community. Show how it's polluters' way to identify "toxic chumps." TELL your friends, neighbors and local media about Cerrell so word gets out that the real reason why you're getting a LULU is because a Los Angeles consulting firm study says you're too stupid to resist. They ought to be really thrilled to



<https://insideclimatenews.org/news/29082022/oil-well-health-california/>

<https://ccejn.org/2018/02/21/arvin-air-sample-and-independent-interpretation-nov-20th-2017/>

<http://www.ejnet.org/ej/cerrell.pdf>

<https://maps.conservation.ca.gov/doggr/wellfinder/#openModal/-118.98969/35.36634/12>