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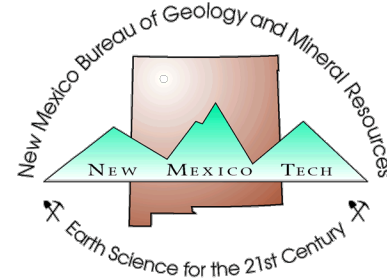
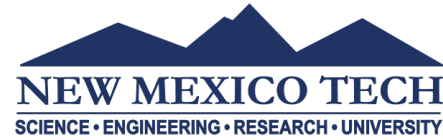
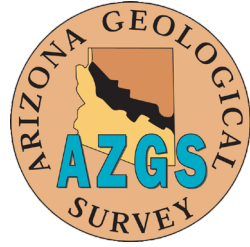


# EGI Carbon Portal

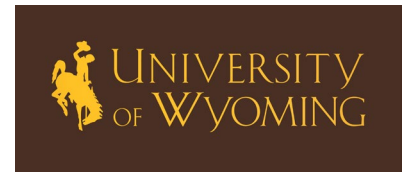
With CUSP Data

September 11, 2024

# CUSP Partners and Sponsors



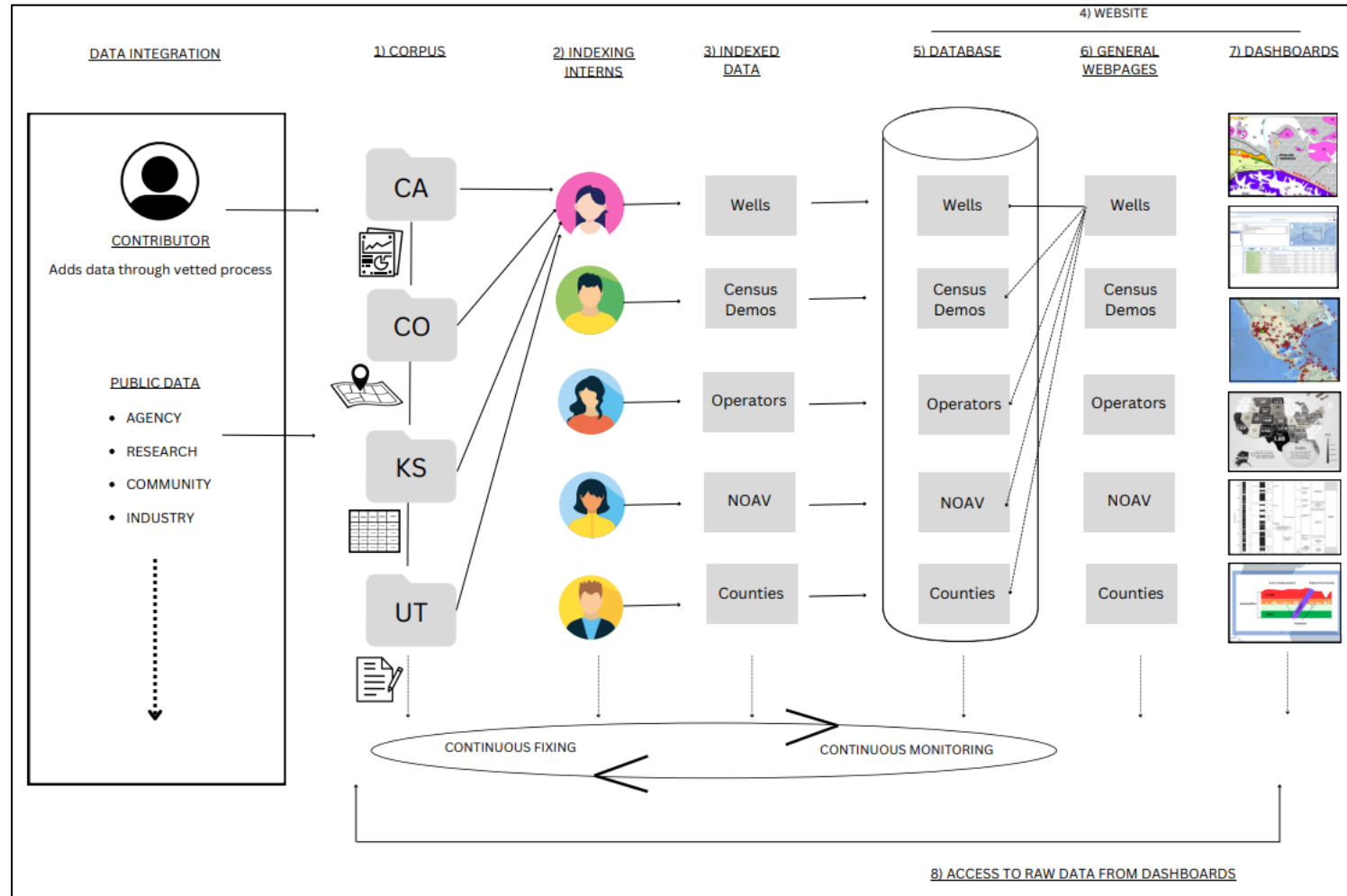
Carbon Solutions LLC



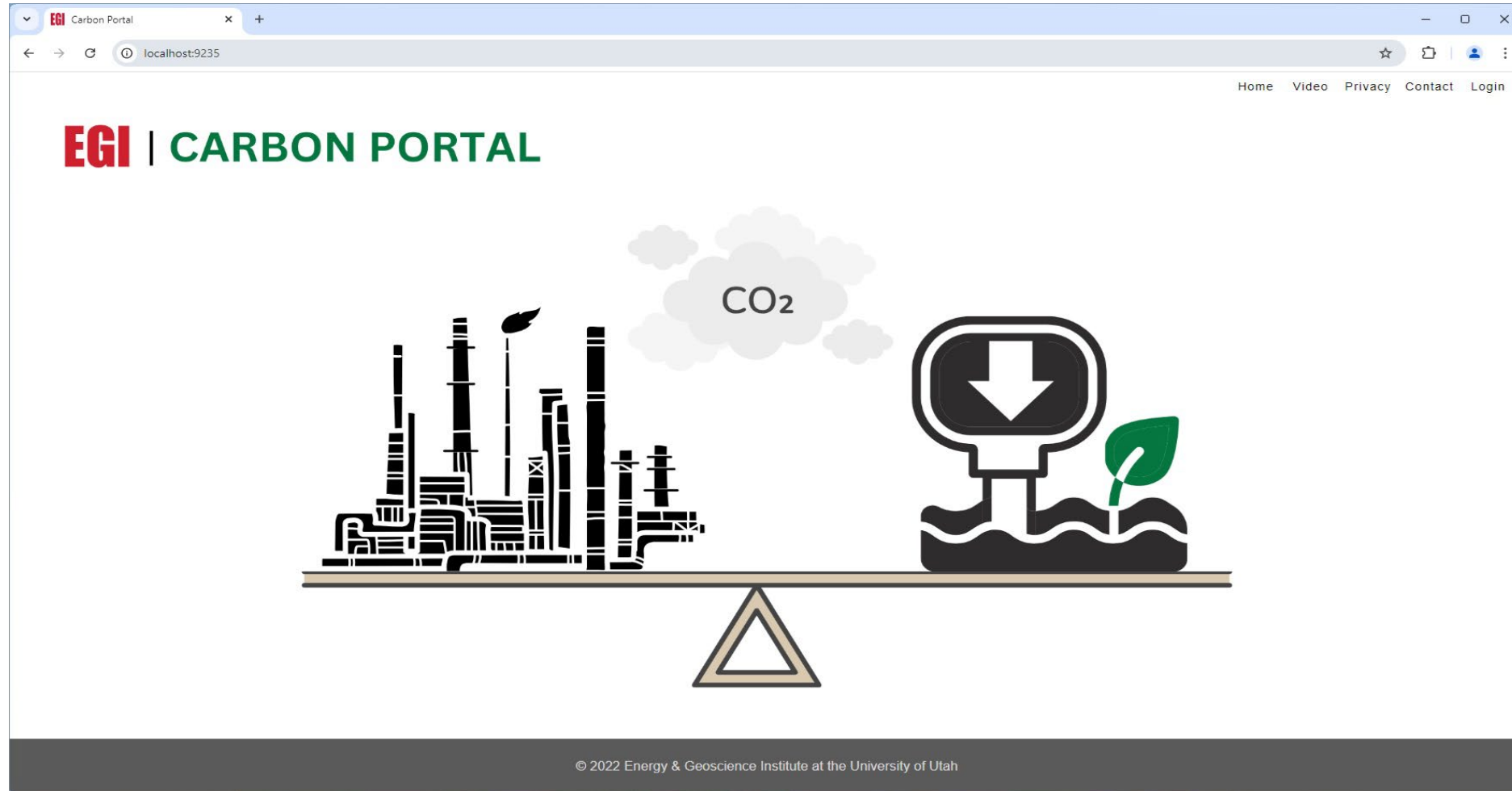
U.S. DEPARTMENT OF ENERGY



# Carbon Portal - Architecture



# Carbon Portal -Website



# Scenario 1

A stakeholder wishes to explore health risks in the communities of Tulare and Kern County, CA.

# Database Access

The screenshot shows a web browser window with the URL `localhost:9235/gendb-page`. The page title is "Database Access" and the user is logged in as `tom.hanks@hollywood.com`. The page features a navigation menu with "File", "Database", "Tools", and "Help". The main content area is divided into three columns: "Geological", "Industrial", and "Political".

- Geological:** Age, Chronostratigraphy, Formation, Geologic Surface, Laboratory, Method, Quarternary Fault, Rock Class Unit, Sedimentary Basin.
- Industrial:** Facility, Facility Emission, Facility Industry Type Subpart, Field, Field Status, Industry Type Subpart, Operator, Pipeline, Well, Well Density, Well Formation, Well Log Param, Param Type, Well Permeability, Well Porosity, Well Pressure, Well Saturation, TOC, Well Wave Velocity.
- Political:** Agency, State, County, Census Tract, Justice 40, Land Ownership, Land Ownership Designation, Project, Tribal Area, Tribal Tract.

A red box highlights the "Database Access" title, and another red box highlights the "Justice 40" link in the Political section. A "Carbon Portal" section on the right contains a "Datasource" link.

# Justice 40

EGI Page 1 localhost:9235/j40-vlist

File Database Tools Help Database Access tom.hanks@hollywood.com EGI CARBONPORTAL

Justice 40 List Items per page: 10 1 - 10 of 74170

	Primary Name ↑	Census Tract	DAC Status	Diesel	Cancer Risk	Traffic Proximity	Water Discharge	NPL Proximity	TSDP Proximity	PM 2.5	Fossil Employment	Coal Employment	Jobaccess	House Burden	Transportatic Burden	Energy Burden	Low Income Population
1	<a href="#">j40-1</a>	<a href="#">0100102010</a>	false	<a href="#">0.278663</a>	<a href="#">49.377033</a>	<a href="#">46.81732</a>	0	<a href="#">0.067643</a>	<a href="#">0.063037</a>	<a href="#">9.998132</a>	<a href="#">0.000105</a>	<a href="#">0.000105</a>	-4.2	<a href="#">40.6</a>	<a href="#">29</a>	<a href="#">3</a>	<a href="#">0.164103</a>
2	<a href="#">j40-10</a>	<a href="#">0100102090</a>	false	<a href="#">0.225431</a>	<a href="#">46.415558</a>	<a href="#">44.556843</a>	0	<a href="#">0.032183</a>	<a href="#">0.036106</a>	<a href="#">9.699696</a>	<a href="#">0.000105</a>	<a href="#">0.000105</a>	-0.8	<a href="#">27.1</a>	<a href="#">31</a>	<a href="#">3</a>	<a href="#">0.124779</a>
3	<a href="#">j40-100</a>	<a href="#">0101500210</a>	false	<a href="#">0.28262</a>	<a href="#">41.629993</a>	<a href="#">119.5676</a>	<a href="#">727.6255</a>	<a href="#">0.040464</a>	<a href="#">0.101096</a>	<a href="#">9.915407</a>	0	0	-2.7	<a href="#">26.3</a>	<a href="#">29</a>	<a href="#">4</a>	<a href="#">0.295695</a>
4	<a href="#">j40-1000</a>	<a href="#">0111303090</a>	false	<a href="#">0.183209</a>	<a href="#">49.9093</a>	<a href="#">25.15506</a>	<a href="#">0.010699</a>	<a href="#">0.009123</a>	<a href="#">0.070464</a>	<a href="#">9.973794</a>	<a href="#">0.000271</a>	<a href="#">0.000271</a>	-1.2	<a href="#">27.9</a>	<a href="#">34</a>	<a href="#">3</a>	<a href="#">0.188661</a>
5	<a href="#">j40-10000</a>	<a href="#">0607503280</a>	false	<a href="#">0.639052</a>	<a href="#">24.505022</a>	<a href="#">2363.9219</a>	0	<a href="#">0.094549</a>	<a href="#">2.388118</a>	<a href="#">7.433243</a>	<a href="#">0.000941</a>	<a href="#">0.000475</a>	-7.9	<a href="#">26.4</a>	<a href="#">15</a>	<a href="#">1</a>	<a href="#">0.252463</a>
6	<a href="#">j40-10001</a>	<a href="#">0607503290</a>	false	<a href="#">0.646977</a>	<a href="#">23.436905</a>	<a href="#">1322.5549</a>	0	<a href="#">0.089965</a>	<a href="#">1.353346</a>	<a href="#">7.36735</a>	<a href="#">0.000941</a>	<a href="#">0.000475</a>	-7.6	<a href="#">23.9</a>	<a href="#">15</a>	<a href="#">1</a>	<a href="#">0.27957</a>
7	<a href="#">j40-10002</a>	<a href="#">0607503290</a>	false	<a href="#">0.663426</a>	<a href="#">23.890415</a>	<a href="#">1630.9132</a>	0	<a href="#">0.088069</a>	<a href="#">1.607422</a>	<a href="#">7.371</a>	<a href="#">0.000941</a>	<a href="#">0.000475</a>	-7.6	<a href="#">24.7</a>	<a href="#">16</a>	<a href="#">1</a>	<a href="#">0.277647</a>
8	<a href="#">j40-10003</a>	<a href="#">0607503300</a>	false	<a href="#">0.603594</a>	<a href="#">23.517277</a>	<a href="#">2032.735</a>	0	<a href="#">0.094513</a>	<a href="#">1.305156</a>	<a href="#">7.369767</a>	<a href="#">0.000941</a>	<a href="#">0.000475</a>	-7.7	<a href="#">24</a>	<a href="#">15</a>	<a href="#">1</a>	<a href="#">0.304241</a>
9	<a href="#">j40-10004</a>	<a href="#">0607503310</a>	false	<a href="#">0.548789</a>	<a href="#">22.148287</a>	<a href="#">3454.679</a>	0	<a href="#">0.095107</a>	<a href="#">1.20642</a>	<a href="#">7.341109</a>	<a href="#">0.000941</a>	<a href="#">0.000475</a>	-7.5	<a href="#">51</a>	<a href="#">17</a>	<a href="#">1</a>	<a href="#">0.18913</a>
10	<a href="#">j40-10005</a>	<a href="#">0607503320</a>	false	<a href="#">0.475269</a>	<a href="#">21.31191</a>	<a href="#">1052.8314</a>	0	<a href="#">0.100852</a>	<a href="#">2.66142</a>	<a href="#">7.364793</a>	<a href="#">0.000941</a>	<a href="#">0.000475</a>	-7.5	<a href="#">51</a>	<a href="#">13</a>	<a href="#">2</a>	<a href="#">0.764706</a>

# J40 Data for Kern and Tulare

The screenshot shows a web application interface for 'Justice 40 List' data. The browser address bar shows 'localhost:9235/j40-vlist'. The application header includes 'Database Access' and 'tom.hanks@hollywood.com EGI | CARBONPORTAL'. The table displays various metrics for different locations, with a 'Filter' dialog box overlaid on top.

	Primary Name	Census Tract	DAC Status	Diesel	Cancer Risk	Traffic Proximity	Water Discharge	NPL Proximity	TSDP Proximity	PM 2.5	Fossil Employment	Coal Employment	Jobaccess	House Burden	Transportatic Burden	Energy Burden	Low Income Population
1	<a href="#">j40-1</a>	<a href="#">0100102010</a>	<a href="#">false</a>	<a href="#">0.278663</a>	<a href="#">49</a>								<a href="#">4.2</a>	<a href="#">40.6</a>	<a href="#">29</a>	<a href="#">3</a>	<a href="#">0.164103</a>
2	<a href="#">j40-10</a>	<a href="#">0100102090</a>	<a href="#">false</a>	<a href="#">0.225431</a>	<a href="#">46</a>								<a href="#">0.8</a>	<a href="#">27.1</a>	<a href="#">31</a>	<a href="#">3</a>	<a href="#">0.124779</a>
3	<a href="#">j40-100</a>	<a href="#">0101500210</a>	<a href="#">false</a>	<a href="#">0.28262</a>	<a href="#">41</a>								<a href="#">2.7</a>	<a href="#">26.3</a>	<a href="#">29</a>	<a href="#">4</a>	<a href="#">0.295695</a>
4	<a href="#">j40-1000</a>	<a href="#">0111303090</a>	<a href="#">false</a>	<a href="#">0.183209</a>	<a href="#">49</a>								<a href="#">1.2</a>	<a href="#">27.9</a>	<a href="#">34</a>	<a href="#">3</a>	<a href="#">0.188661</a>
5	<a href="#">j40-10000</a>	<a href="#">0607503280</a>	<a href="#">false</a>	<a href="#">0.639052</a>	<a href="#">24</a>								<a href="#">7.9</a>	<a href="#">26.4</a>	<a href="#">15</a>	<a href="#">1</a>	<a href="#">0.252463</a>
6	<a href="#">j40-10001</a>	<a href="#">0607503290</a>	<a href="#">false</a>	<a href="#">0.646977</a>	<a href="#">23</a>								<a href="#">7.6</a>	<a href="#">23.9</a>	<a href="#">15</a>	<a href="#">1</a>	<a href="#">0.27957</a>
7	<a href="#">j40-10002</a>	<a href="#">0607503290</a>	<a href="#">false</a>	<a href="#">0.663426</a>	<a href="#">23</a>								<a href="#">7.6</a>	<a href="#">24.7</a>	<a href="#">16</a>	<a href="#">1</a>	<a href="#">0.277647</a>
8	<a href="#">j40-10003</a>	<a href="#">0607503300</a>	<a href="#">false</a>	<a href="#">0.603594</a>	<a href="#">23</a>								<a href="#">7.7</a>	<a href="#">24</a>	<a href="#">15</a>	<a href="#">1</a>	<a href="#">0.304241</a>
9	<a href="#">j40-10004</a>	<a href="#">0607503310</a>	<a href="#">false</a>	<a href="#">0.548789</a>	<a href="#">22</a>								<a href="#">7.5</a>	<a href="#">51</a>	<a href="#">17</a>	<a href="#">1</a>	<a href="#">0.18913</a>
10	<a href="#">j40-10005</a>	<a href="#">0607503320</a>	<a href="#">false</a>	<a href="#">0.475269</a>	<a href="#">21</a>								<a href="#">7.5</a>	<a href="#">51</a>	<a href="#">13</a>	<a href="#">2</a>	<a href="#">0.764706</a>

The 'Filter' dialog box is open, showing a search for 'kern'. The search results list 'Kern County, CA' as the only match, which is selected. The dialog also shows a list of filterable fields: Census Tract, Primary Name, Polygon, Geoid, City, County (highlighted), State, Population, and Over64pct. At the bottom of the dialog, it indicates '1 selected' and provides 'Sel All' and 'Sel None' buttons.



# Launch MyMap

Database Access tom.hanks@hollywood.com EGI | CARBONPORTAL

Justice 10 Lists Items per page: 10 1 - 10 of 229

	Primary Name	My Depth	Diesel	Cancer Risk	Traffic Proximity	Water Discharge	NPL Proximity	TSDP Proximity	PM 2.5	Fossil Employment	Coal Employment	Jobaccess	House Burden	Transportatic Burden	Energy Burden	Low Income Population
1	<a href="#">j40-11301</a>	<a href="#">My Graph</a> <a href="#">My Bibliography</a>	<a href="#">0.060118</a>	<a href="#">35.336674</a>	<a href="#">27.394794</a>	0	<a href="#">0.023104</a>	<a href="#">0.027639</a>	<a href="#">7.890633</a>	0	0	0	<a href="#">29.8</a>	<a href="#">44</a>	<a href="#">5</a>	<a href="#">0.144503</a>
2	<a href="#">j40-11301</a>	<a href="#">0610700020</a> false	<a href="#">0.229197</a>	<a href="#">42.54888</a>	<a href="#">383.71484</a>	0	<a href="#">0.035717</a>	<a href="#">0.044539</a>	<a href="#">11.908348</a>	0	0	<a href="#">-0.1</a>	<a href="#">45.7</a>	<a href="#">36</a>	<a href="#">3</a>	<a href="#">0.438349</a>
3	<a href="#">j40-11302</a>	<a href="#">0610700020</a> false	<a href="#">0.155261</a>	<a href="#">41.431908</a>	<a href="#">5.480457</a>	0	<a href="#">0.033891</a>	<a href="#">0.04337</a>	<a href="#">10.881882</a>	0	0	0	<a href="#">34.8</a>	<a href="#">38</a>	<a href="#">4</a>	<a href="#">0.49531</a>
4	<a href="#">j40-11303</a>	<a href="#">0610700030</a> false	<a href="#">0.355985</a>	<a href="#">46.119926</a>	<a href="#">52.420765</a>	0	<a href="#">0.068485</a>	<a href="#">0.088101</a>	<a href="#">13.460951</a>	0	0	0	<a href="#">29</a>	<a href="#">38</a>	<a href="#">3</a>	<a href="#">0.316824</a>
5	<a href="#">j40-11304</a>	<a href="#">0610700030</a> false	<a href="#">0.401991</a>	<a href="#">45.524597</a>	<a href="#">129.58621</a>	0	<a href="#">0.060027</a>	<a href="#">0.074807</a>	<a href="#">14.169875</a>	0	0	0	<a href="#">35.1</a>	<a href="#">37</a>	<a href="#">5</a>	<a href="#">0.464338</a>
6	<a href="#">j40-11305</a>	<a href="#">0610700040</a> false	<a href="#">0.378491</a>	<a href="#">47.717594</a>	<a href="#">286.93094</a>	0	<a href="#">0.054904</a>	<a href="#">0.07566</a>	<a href="#">12.652325</a>	0	0	<a href="#">-0.1</a>	<a href="#">32</a>	<a href="#">37</a>	<a href="#">3</a>	<a href="#">0.300564</a>
7	<a href="#">j40-11306</a>	<a href="#">0610700040</a> false	<a href="#">0.451081</a>	<a href="#">47.8176</a>	<a href="#">414.38776</a>	0	<a href="#">0.051973</a>	<a href="#">0.070093</a>	<a href="#">12.754211</a>	0	0	<a href="#">-0.1</a>	<a href="#">32.6</a>	<a href="#">34</a>	<a href="#">3</a>	<a href="#">0.286573</a>
8	<a href="#">j40-11307</a>	<a href="#">0610700050</a> true	<a href="#">0.440381</a>	<a href="#">48.312042</a>	<a href="#">284.39172</a>	0	<a href="#">0.051501</a>	<a href="#">0.066358</a>	<a href="#">12.914277</a>	0	0	<a href="#">-0.1</a>	<a href="#">36.4</a>	<a href="#">32</a>	<a href="#">4</a>	<a href="#">0.504935</a>
9	<a href="#">j40-11308</a>	<a href="#">0610700050</a> false	<a href="#">0.373217</a>	<a href="#">47.422718</a>	<a href="#">281.14493</a>	0	<a href="#">0.051061</a>	<a href="#">0.064424</a>	<a href="#">13.088238</a>	0	0	<a href="#">-0.1</a>	<a href="#">29.3</a>	<a href="#">39</a>	<a href="#">3</a>	<a href="#">0.27154</a>
10	<a href="#">j40-11309</a>	<a href="#">0610700060</a> false	<a href="#">0.238617</a>	<a href="#">42.833317</a>	<a href="#">155.66396</a>	0	<a href="#">0.034651</a>	<a href="#">0.048279</a>	<a href="#">12.195788</a>	0	0	<a href="#">-0.1</a>	<a href="#">33.6</a>	<a href="#">35</a>	<a href="#">4</a>	<a href="#">0.457627</a>

# Send Data to MyMap

The screenshot shows a web browser window with two tabs labeled 'EGI Page 1' and 'EGI Page 2'. The address bar shows 'localhost:9235/j40-vlist'. The application header includes 'Database Access' and 'tom.hanks@hollywood.com EGI | CARBONPORTAL'. The main content is a table titled 'Justice 40 List' with 17 columns: Primary Name, Census Tract, DAC Status, Diesel, Cancer Risk, Traffic Proximity, Water Discharge, NPL Proximity, TSDf Proximity, PM 2.5, Fossil Employment, Coal Employment, Jobaccess, House Burden, Transportatic Burden, Energy Burden, and Low Income Population. The table contains 10 rows of data. A dialog box titled 'Send Data Bundle' is overlaid on the table, with a red box around the title. The dialog has a 'Bundle Name' field containing 'J40 - Kern and Tulare' and a 'To:' field containing 'Page 2'. The dialog also has a checkmark icon and a close 'X' icon.

	Primary Name	Census Tract	DAC Status	Diesel	Cancer Risk	Traffic Proximity	Water Discharge	NPL Proximity	TSDf Proximity	PM 2.5	Fossil Employment	Coal Employment	Jobaccess	House Burden	Transportatic Burden	Energy Burden	Low Income Population
1	<a href="#">j40-11300</a>	<a href="#">0610700010</a>	false	<a href="#">0.060118</a>	<a href="#">35.336674</a>	<a href="#">27.394794</a>	0	<a href="#">0.023104</a>	<a href="#">0.027639</a>	<a href="#">7.890633</a>	0	0	0	<a href="#">29.8</a>	<a href="#">44</a>	<a href="#">5</a>	<a href="#">0.144503</a>
2	<a href="#">j40-11301</a>	<a href="#">0610700020</a>	false	<a href="#">0.229197</a>	<a href="#">42.54888</a>	<a href="#">383.71484</a>	0				0	0	<a href="#">-0.1</a>	<a href="#">45.7</a>	<a href="#">36</a>	<a href="#">3</a>	<a href="#">0.438349</a>
3	<a href="#">j40-11302</a>	<a href="#">0610700020</a>	false	<a href="#">0.155261</a>	<a href="#">41.431908</a>	<a href="#">5.480457</a>	0				0	0	0	<a href="#">34.8</a>	<a href="#">38</a>	<a href="#">4</a>	<a href="#">0.49531</a>
4	<a href="#">j40-11303</a>	<a href="#">0610700030</a>	false	<a href="#">0.355985</a>	<a href="#">46.119926</a>	<a href="#">52.420765</a>	0				0	0	0	<a href="#">29</a>	<a href="#">38</a>	<a href="#">3</a>	<a href="#">0.316824</a>
5	<a href="#">j40-11304</a>	<a href="#">0610700030</a>	false	<a href="#">0.401991</a>	<a href="#">45.524597</a>	<a href="#">129.58621</a>	0				0	0	0	<a href="#">35.1</a>	<a href="#">37</a>	<a href="#">5</a>	<a href="#">0.464338</a>
6	<a href="#">j40-11305</a>	<a href="#">0610700040</a>	false	<a href="#">0.378491</a>	<a href="#">47.717594</a>	<a href="#">286.93094</a>	0				0	0	<a href="#">-0.1</a>	<a href="#">32</a>	<a href="#">37</a>	<a href="#">3</a>	<a href="#">0.300564</a>
7	<a href="#">j40-11306</a>	<a href="#">0610700040</a>	false	<a href="#">0.451081</a>	<a href="#">47.8176</a>	<a href="#">414.38776</a>	0				0	0	<a href="#">-0.1</a>	<a href="#">32.6</a>	<a href="#">34</a>	<a href="#">3</a>	<a href="#">0.286573</a>
8	<a href="#">j40-11307</a>	<a href="#">0610700050</a>	true	<a href="#">0.440381</a>	<a href="#">48.312042</a>	<a href="#">284.39172</a>	0				0	0	<a href="#">-0.1</a>	<a href="#">36.4</a>	<a href="#">32</a>	<a href="#">4</a>	<a href="#">0.504935</a>
9	<a href="#">j40-11308</a>	<a href="#">0610700050</a>	false	<a href="#">0.373217</a>	<a href="#">47.422718</a>	<a href="#">281.14493</a>	0				0	0	<a href="#">-0.1</a>	<a href="#">29.3</a>	<a href="#">39</a>	<a href="#">3</a>	<a href="#">0.27154</a>
10	<a href="#">j40-11309</a>	<a href="#">0610700060</a>	false	<a href="#">0.238617</a>	<a href="#">42.833317</a>	<a href="#">155.66396</a>	0				0	0	<a href="#">-0.1</a>	<a href="#">33.6</a>	<a href="#">35</a>	<a href="#">4</a>	<a href="#">0.457627</a>

# My Map

The screenshot shows a web browser window with two tabs labeled "EGI Page 1" and "EGI Page 2". The address bar shows "localhost:9235/my-map-page". The page title is "My Map Page". The user email is "tom.hanks@hollywood.com" and the logo is "EGI | CARBONPORTAL".

The interface includes a menu bar with "File", "Database", "Tools", and "Help". A toolbar contains icons for map operations. On the left, there is a "Data" panel with a dropdown menu showing "J40 - Kern and Tulare" (highlighted with a red box) and "229 records". Below this is a list of "List of Justice 40" records, including IDs like "j40-11300" through "j40-11312". A "Properties" section is also visible.

The main map displays a topographic view of California with an orange-shaded region in the Central Valley. The map includes labels for various geographical features and cities. At the bottom, it says "Esri, USGS | California State Parks, Esri, TomTom, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS, USFWS" and "Powered by Esri".

# Data for Selected

The screenshot shows a web browser window with two tabs, both labeled 'EGI Page 2'. The address bar shows 'localhost:9235/my-map-page'. The page title is 'My Map Page'. The user email is 'tom.hanks@hollywood.com' and the logo is 'EGI | CARBONPORTAL'. The interface includes a 'Data' panel on the left with a dropdown menu set to 'J40 - Kern and Tulare' and a list of 229 records. The record 'j40-11304' is selected. Below the list is a 'Properties' table for the selected record, which is highlighted with a red box. The table contains the following data:

Property	Value
Primary Name	j40-11304
Census Tract	06107000302
DAC Status	false
Diesel	0.401991
Cancer Risk	45.524597
Traffic Proximity	129.58621
Water Discharge	0
NPL Proximity	0.060027
TSDf Proximity	0.074807
PM 2.5	14.169875
Fossil Employment	0
Coal Employment	0
Jobaccess	0

The map on the right shows a topographic view of California with a large orange-shaded region in the Central Valley, primarily covering the Kern and Tulare counties. Major cities like Hanford, Kingsburg, and Wasco are visible within the shaded area. The map includes various geographical features like the Sierra Nevada Mountains, San Joaquin Valley, and Death Valley. The map is powered by Esri.

# Control Map Layer Visualization

The screenshot shows a web application interface for map layer visualization. The browser window displays the URL `localhost:9235/my-map-page`. The application header includes "My Map Page" and "tom.hanks@hollywood.com EGI | CARBONPORTAL".

The interface is divided into several sections:

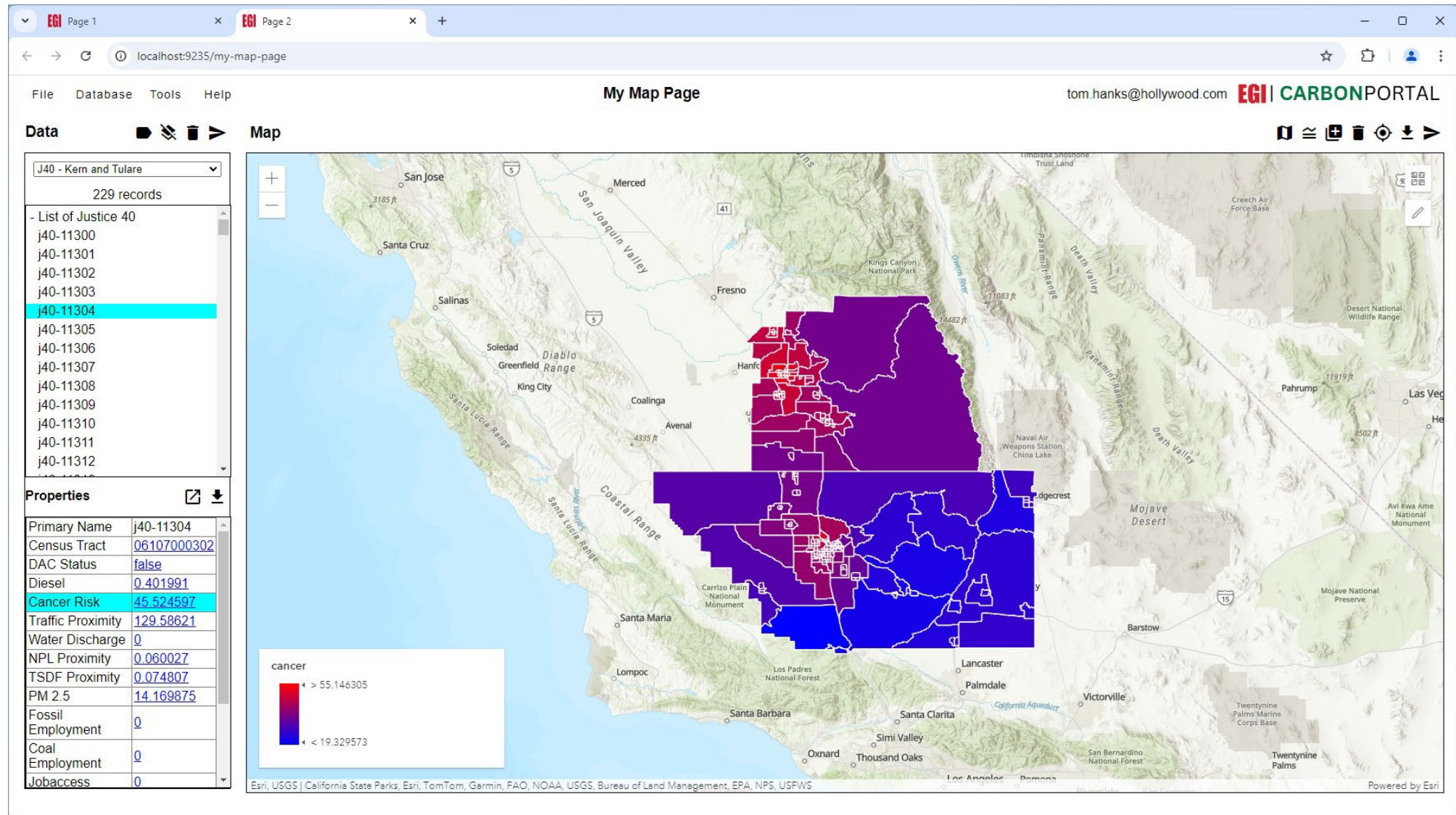
- Data:** A dropdown menu shows "J40 - Kern and Tulare" with "229 records". Below it is a list of records, with "j40-11304" selected.
- Properties:** A table showing various attributes for the selected record:

Property	Value
Primary Name	j40-11304
Census Tract	06107000302
DAC Status	false
Diesel	0.401991
Cancer Risk	45.524597
Traffic Proximity	129.58621
Water Discharge	0
NPL Proximity	0.060027
TSDf Proximity	0.074807
PM 2.5	14.169875
Fossil Employment	0
Coal Employment	0
Jobaccess	0

The **Map Layers** dialog is open, showing the configuration for "Layer 1":

- Datatype:** POLYGON
- Which Bundles?:** J40 - Kern and Tulare
- How Rendered?:** Color by Range
- Which Parameter?:** cancer

# Color by Cancer Rates



# Add Slider on Cancer Rates

The screenshot shows a web application titled "My Map Page" with a browser address of localhost:9235/my-map-page. The interface includes a "Data" panel on the left with a list of records for "J40 - Kern and Tulare" and a "Properties" table. A "Map Layers" dialog box is open in the center, allowing configuration for a layer named "Layer 1".

Datatype	Which Bundles?	How Renderer?	Which Parameter?
POINT LINE <b>POLYGON</b> POLYGON PT ANNOTATION	J40 - Kern and Tulare	Color Default by Category <b>by Range</b> Hash Default by Category Opacity Default by Range <b>Slider</b> None <b>by Range</b>	J40 - Kern and Tulare dslom <b>cancer</b> pncr wdis pnpl ptsdf pm25 fosseplmt coaleplmt jobaccess housebrdn trnsptbrdn energybrdn lowincapct

The "Properties" table in the background contains the following data:

Property	Value
Primary Name	j40-11304
Census Tract	06107000302
DAC Status	false
Diesel	0.401991
<b>Cancer Risk</b>	<b>45.524597</b>
Traffic Proximity	129.58621
Water Discharge	0
NPL Proximity	0.060027
TSDF Proximity	0.074807
PM 2.5	14.169875
Fossil Employment	0
Coal Employment	0
Jobaccess	0

# Isolate Highest Cancer Rates

The screenshot shows a web browser window with two tabs, both labeled 'EGI Page 2'. The address bar shows 'localhost:9235/my-map-page'. The page title is 'My Map Page'. The interface includes a menu bar with 'File', 'Database', 'Tools', and 'Help'. Below the menu is a 'Data' section with a dropdown menu set to 'J40 - Kem and Tulare' and a list of 229 records. The 'Properties' section displays various attributes for the selected record 'j40-11304', including 'Cancer Risk' with a value of 45.524597. A map of California is displayed, showing various geographical features and cities. A legend for 'cancer' is visible in the bottom left of the map area, with a color scale from blue (low) to red (high). A red box highlights a legend entry for the value 55.146305, which is associated with a red color. The map also shows a purple line with a circular marker at the top right, and a red box highlights the text 'tom.hanks@hollywood.com' and '55.146305' near the marker.

My Map Page

File Database Tools Help

Data

J40 - Kem and Tulare

229 records

- List of Justice 40

- j40-11300
- j40-11301
- j40-11302
- j40-11303
- j40-11304**
- j40-11305
- j40-11306
- j40-11307
- j40-11308
- j40-11309
- j40-11310
- j40-11311
- j40-11312

Properties

Primary Name	j40-11304
Census Tract	06107000302
DAC Status	false
Diesel	0.401991
<b>Cancer Risk</b>	<b>45.524597</b>
Traffic Proximity	129.58621
Water Discharge	0
NPL Proximity	0.060027
TSD Proximity	0.074807
PM 2.5	14.169875
Fossil Employment	0
Coal Employment	0
Jobaccess	0

Map cancer:

Legend: cancer

- > 55.146305
- < 19.329573

tom.hanks@hollywood.com 55.146305

Powered by Esri



# Retrieve Facility Emission Data

The screenshot shows a web browser window displaying the EGI Carbon Portal. The browser's address bar shows the URL `localhost:9235/gendb-page`. The page title is "Database Access". The user's email address, `tom.hanks@hollywood.com`, and the logo "EGI | CARBONPORTAL" are visible in the top right corner. The main content area is divided into four columns of links, each with a small icon:

- Geological:** Age, Chronostratigraphy, Formation, Geologic Surface, Laboratory, Method, Quarternary Fault, Rock Class Unit, Sedimentary Basin.
- Industrial:** Facility, Facility Emission (highlighted with a red box), Facility Industry Type Subpart, Field, Field Status, Industry Type Subpart, Operator, Pipeline, Well, Well Density, Well Formation, Well Log Param, Param Type, Well Permeability, Well Porosity, Well Pressure, Well Saturation, TOC, Well Wave Velocity.
- Political:** Agency, State, County, Census Tract, Justice 40, Land Ownership, Land Ownership Designation, Project, Tribal Area, Tribal Tract.
- Carbon Portal:** Datasource.

# Facility Emissions

EGI Page 1 x EGI Page 2 x | +

localhost:9235/facility-emission-vlist

File Database Tools Help

Database Access tom.hanks@hollywood.com EGI | CARBONPORTAL

Facility Emission List Items per page: 10 1 - 10 of 363595

	Primary Name	Facility	Co2 Emissions Non Biogenic	Co2 Emissions Biogenic	Methane Emissions	Nitrous Oxide Emissions	Year ↓
1	<a href="#">emission-106</a>	<a href="#">Ardagh Glass Inc.</a>	<a href="#">58006.5</a>	<a href="#">0</a>	<a href="#">27.25</a>	<a href="#">32.482</a>	<a href="#">2021</a>
2	<a href="#">emission-117</a>	<a href="#">Ardagh Glass Inc. (Madera)</a>	<a href="#">58006.5</a>	<a href="#">0</a>	<a href="#">27.25</a>	<a href="#">32.482</a>	<a href="#">2021</a>
3	<a href="#">emission-58</a>	<a href="#">Ardagh Glass Inc. (Henderson)</a>	<a href="#">54254.6</a>	<a href="#">0</a>	<a href="#">25.5</a>	<a href="#">30.396</a>	<a href="#">2021</a>
4	<a href="#">emission-69</a>	<a href="#">Ardagh Glass Inc. (Henderson)</a>	<a href="#">54254.6</a>	<a href="#">0</a>	<a href="#">25.5</a>	<a href="#">30.396</a>	<a href="#">2021</a>
5	<a href="#">emission-47</a>	<a href="#">Ardagh Glass Inc.</a>	<a href="#">54254.6</a>	<a href="#">0</a>	<a href="#">25.5</a>	<a href="#">30.396</a>	<a href="#">2021</a>
6	<a href="#">emission-43</a>	<a href="#">Ardagh Glass Inc. (Dunkirk)</a>	<a href="#">80669</a>	<a href="#">0</a>	<a href="#">38</a>	<a href="#">45.296</a>	<a href="#">2021</a>
7	<a href="#">emission-32</a>	<a href="#">Ardagh Glass Inc.</a>	<a href="#">80669</a>	<a href="#">0</a>	<a href="#">38</a>	<a href="#">45.296</a>	<a href="#">2021</a>
8	<a href="#">emission-21</a>	<a href="#">PSE Ferndale Generating Station</a>	<a href="#">314539.1</a>	<a href="#">0</a>	<a href="#">145.75</a>	<a href="#">175.82</a>	<a href="#">2021</a>
9	<a href="#">emission-22</a>	<a href="#">PSE Ferndale Generating Station</a>	<a href="#">322073.9</a>	<a href="#">0</a>	<a href="#">149.25</a>	<a href="#">178.8</a>	<a href="#">2021</a>
10	<a href="#">emission-128</a>	<a href="#">Ardagh Glass Inc. (Madera)</a>	<a href="#">58006.5</a>	<a href="#">0</a>	<a href="#">27.25</a>	<a href="#">32.482</a>	<a href="#">2021</a>

# Select Geographically

The screenshot shows a web browser window with two tabs labeled 'EGI Page 1' and 'EGI Page 2'. The address bar shows 'localhost:9235/facility-emission-vlist'. The application header includes 'Database Access', the email 'tom.hanks@hollywood.com', and the logo 'EGI | CARBONPORTAL'. Below the header is a 'Facility Emission List' table with columns for 'Primary Name', 'Facility', 'Emissions', and 'Year'. A 'Geography Filter' modal is open, displaying a map of California with a black rectangular selection box over the Central Valley region, including cities like Fresno, Visalia, and Bakersfield. The map includes various geographical features and labels. At the bottom of the map, it says 'Sources: Esri, USGS, NOAA | Sources: Esri, Garmin, USGS, NPS' and 'Powered by Esri'.

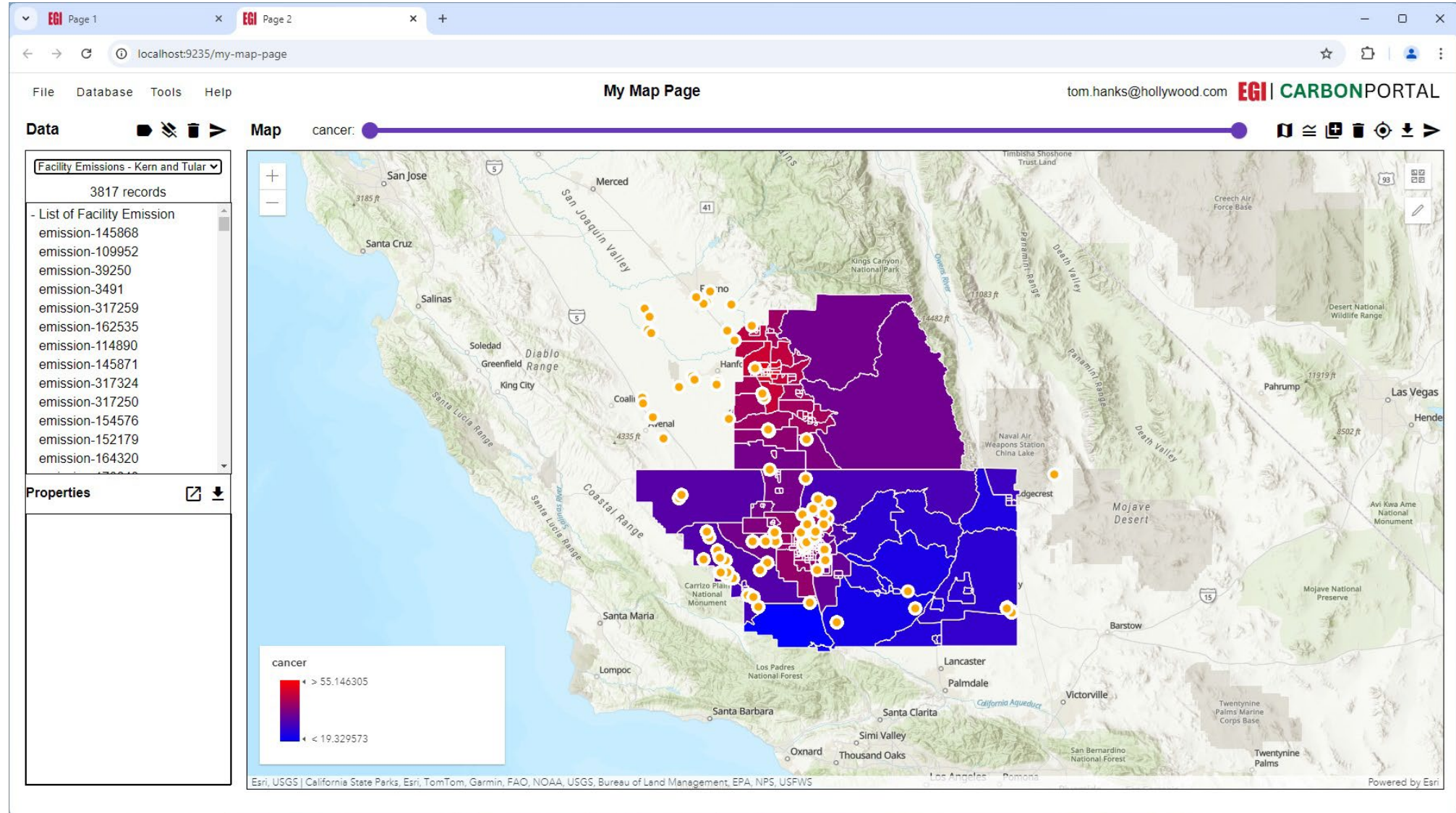
	Primary Name	Facility	Emissions	Year
1	<a href="#">emission-106</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>
2	<a href="#">emission-117</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>
3	<a href="#">emission-58</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>
4	<a href="#">emission-69</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>
5	<a href="#">emission-47</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>
6	<a href="#">emission-43</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>
7	<a href="#">emission-32</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>
8	<a href="#">emission-21</a>	<a href="#">PSE Fer Station</a>		<a href="#">2021</a>
9	<a href="#">emission-22</a>	<a href="#">PSE Fer Station</a>		<a href="#">2021</a>
10	<a href="#">emission-128</a>	<a href="#">Ardagh C</a>		<a href="#">2021</a>

# Send to MyMap

The screenshot shows a web browser window with two tabs labeled 'EGI Page 1' and 'EGI Page 2'. The address bar shows 'localhost:9235/facility-emission-vlist'. The page title is 'Database Access' and the user is 'tom.hanks@hollywood.com'. The main content is a 'Facility Emission List' table with 10 items per page. A dialog box titled 'Send Data Bundle' is open, showing a 'Bundle Name' field with the text 'Facility Emissions - Tulare and Kerr' and a 'To:' field with 'Page 2' selected.

	Primary Name	Facility 1 filter	Co2 Emissions Non Biogenic	Co2 Emissions Biogenic	Methane Emissions	Nitrous Oxide Emissions	Year ↓
1	<a href="#">emission-3508</a>	<a href="#">Sunrise Power Company</a>	<a href="#">487386.6</a>	<a href="#">0</a>	<a href="#">226</a>	<a href="#">271.18</a>	<a href="#">2021</a>
2	<a href="#">emission-4645</a>	<a href="#">Hanford Energy Park Peaker</a>	<a href="#">2300.3</a>			<a href="#">0</a>	<a href="#">2021</a>
3	<a href="#">emission-2171</a>	<a href="#">LONE STAR GAS LIQUIDS</a>	<a href="#">23788.7</a>		<a href="#">5</a>	<a href="#">84.632</a>	<a href="#">2021</a>
4	<a href="#">emission-3491</a>	<a href="#">Sunrise Power Company</a>	<a href="#">531926.8</a>		<a href="#">5.75</a>	<a href="#">298</a>	<a href="#">2021</a>
5	<a href="#">emission-3486</a>	<a href="#">Sunrise Power Company</a>	<a href="#">487386.6</a>		<a href="#">5</a>	<a href="#">271.18</a>	<a href="#">2021</a>
6	<a href="#">emission-3513</a>	<a href="#">Sunrise Power Company</a>	<a href="#">531926.8</a>		<a href="#">5.75</a>	<a href="#">298</a>	<a href="#">2021</a>
7	<a href="#">emission-2142</a>	<a href="#">LONE STAR GAS LIQUIDS</a>	<a href="#">3993.8</a>			<a href="#">5.662</a>	<a href="#">2021</a>
8	<a href="#">emission-2146</a>	<a href="#">LONE STAR GAS LIQUIDS</a>	<a href="#">4728.6</a>			<a href="#">15.496</a>	<a href="#">2021</a>
9	<a href="#">emission-2139</a>	<a href="#">LONE STAR GAS LIQUIDS</a>	<a href="#">3076.2</a>			<a href="#">10.43</a>	<a href="#">2021</a>
10	<a href="#">emission-4646</a>	<a href="#">Hanford Energy Park Peaker</a>	<a href="#">2385.1</a>			<a href="#">0</a>	<a href="#">2021</a>

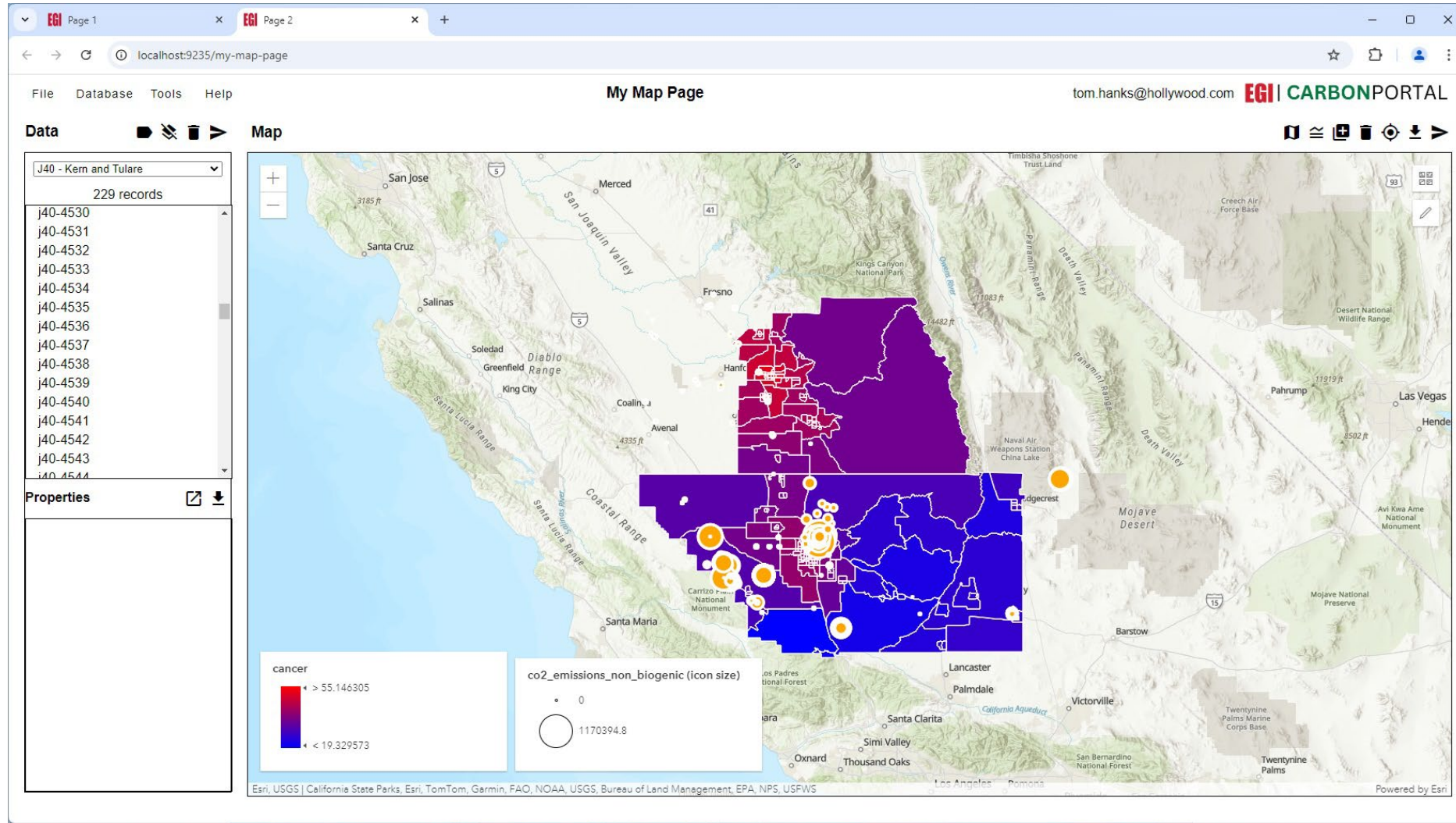
# MyMap – J40 and Facility Emission Data



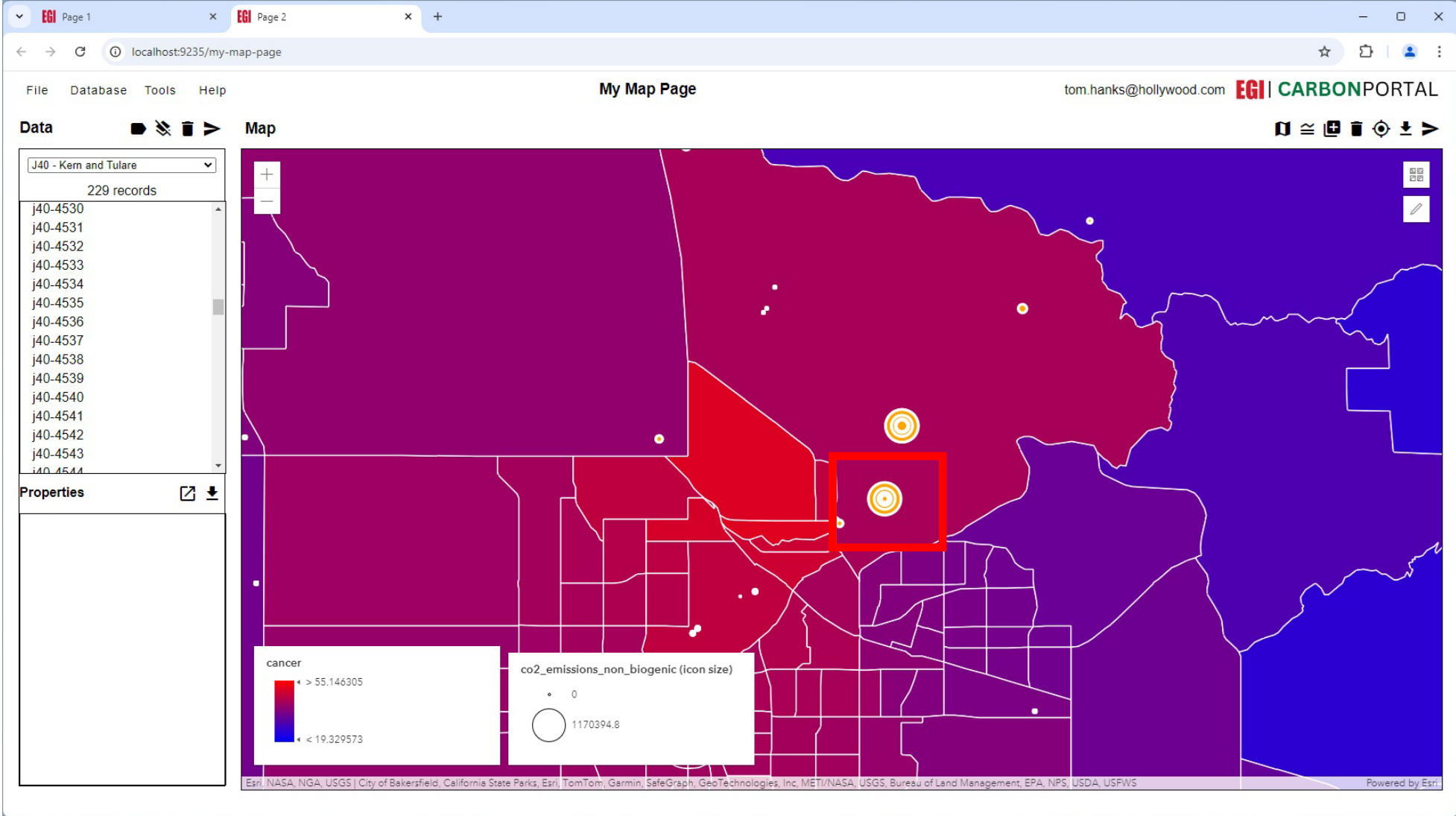
# Show Facility Emissions by Size

The screenshot shows a web browser window with two tabs labeled 'EGI Page 1' and 'EGI Page 2'. The address bar shows 'localhost:9235/my-map-page'. The application header includes 'My Map Page', the user 'tom.hanks@hollywood.com', and the 'EGI | CARBONPORTAL' logo. The main interface features a 'Data' panel on the left with a dropdown menu for 'Facility Emissions - Kern and Tular' showing '3817 records'. Below this is a list of emission IDs. A 'Properties' panel is also visible. The central map area is partially obscured by a 'Map Layers' configuration dialog. This dialog has five columns: 'Datatype', 'Which Bundles?', 'How Renderer?', and 'Which Parameter?'. The 'Datatype' column has 'POINT' selected. The 'Which Bundles?' column has 'Facility Emissions - Kern and Tular' selected. The 'How Renderer?' column has 'Size by Range' selected. The 'Which Parameter?' column has 'co2\_emissions\_non\_biogenic' selected. A legend at the bottom left of the map shows a blue square representing a value less than 19,329,573. The map background shows a geographical area with labels like 'San Jose', 'Las Vegas', and 'Hendeville'. The footer of the application includes 'Esri, USGS | California State Parks; Esri, TomTom, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS, USFWS' and 'Powered by Esri'.

# CO<sub>2</sub> Non-Biogenic Emissions

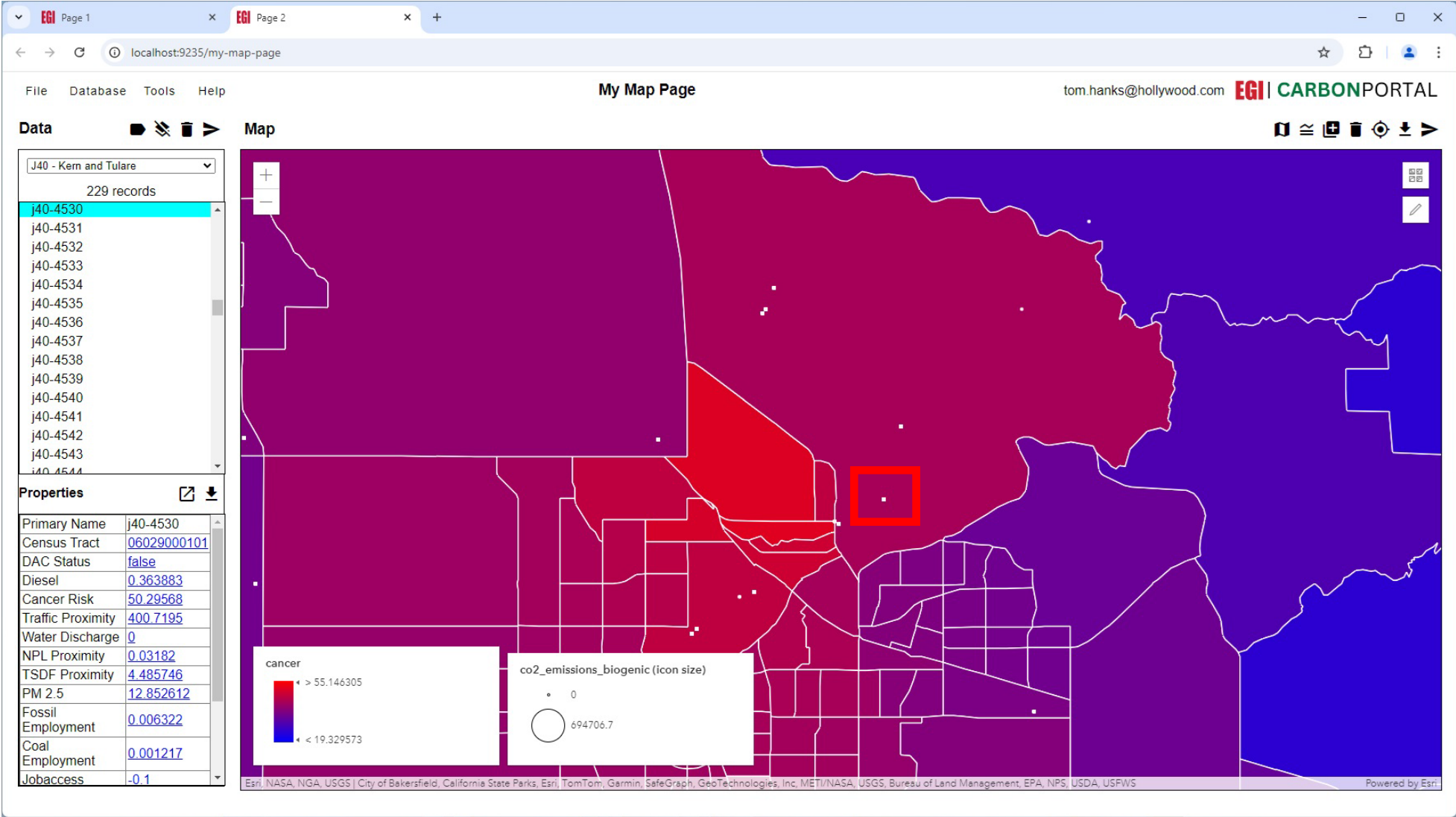


# Zoom In

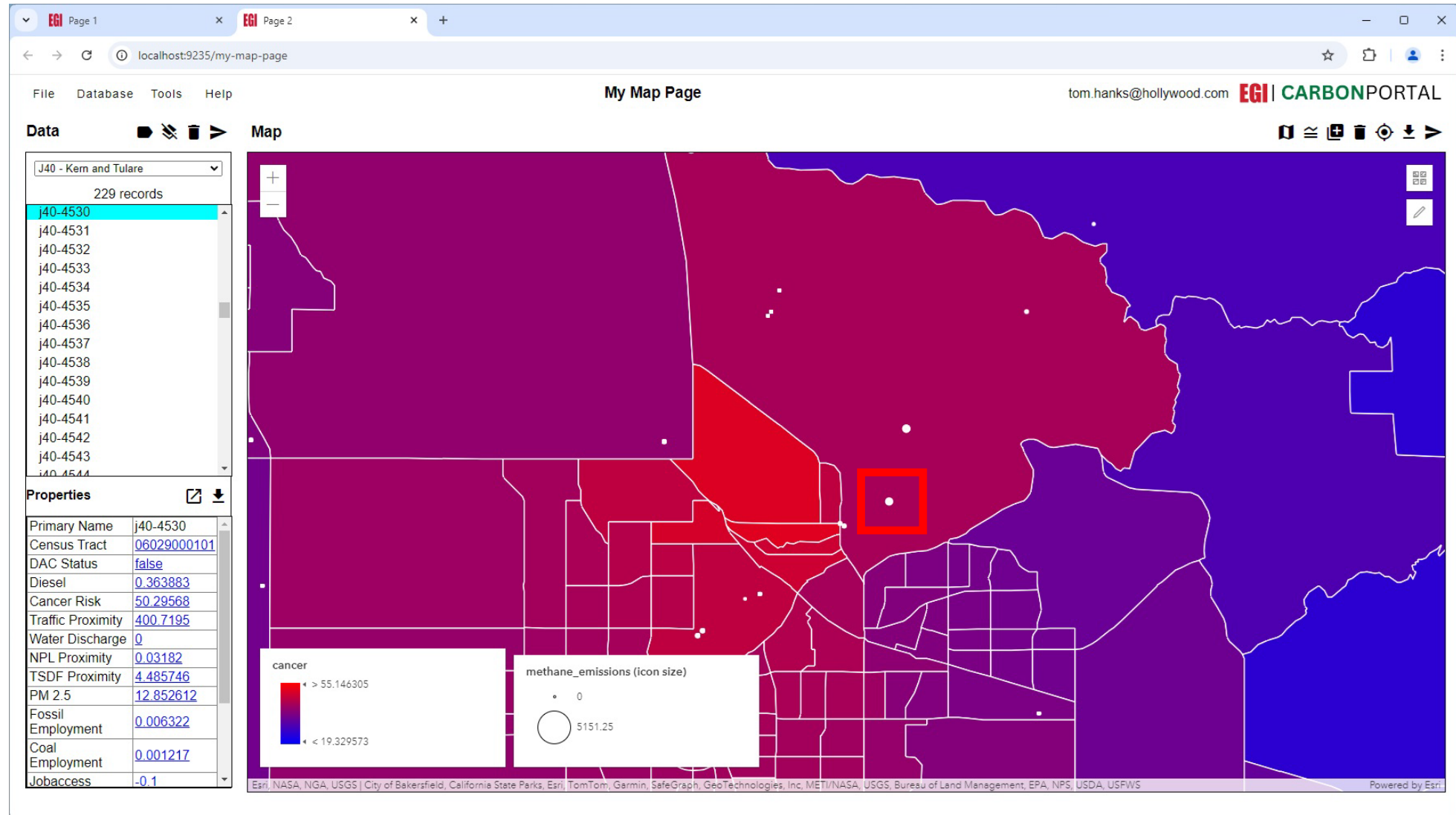




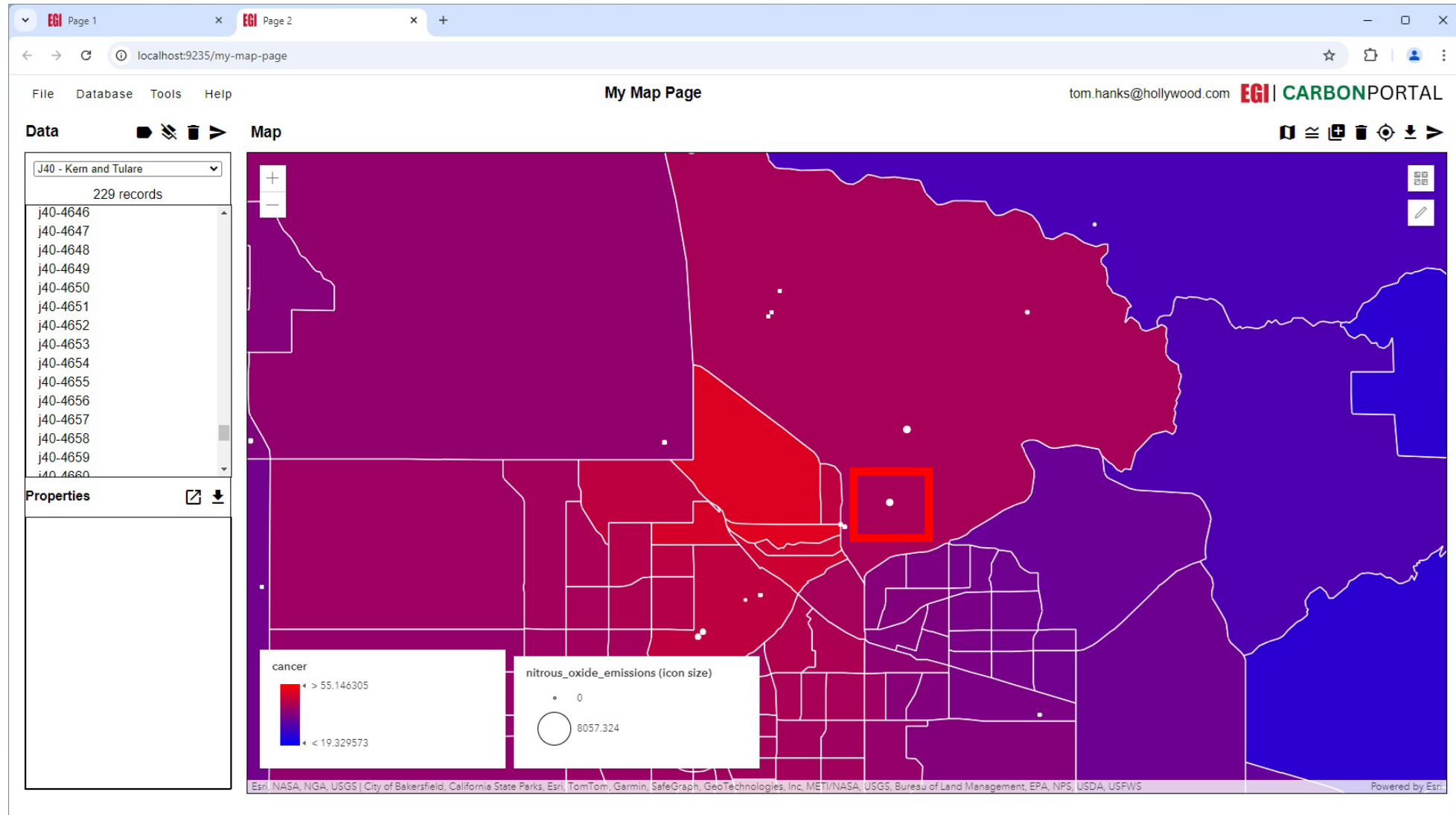
# CO<sub>2</sub> Biogenic Emissions



# Methane Emissions



# NO<sub>x</sub> Emissions

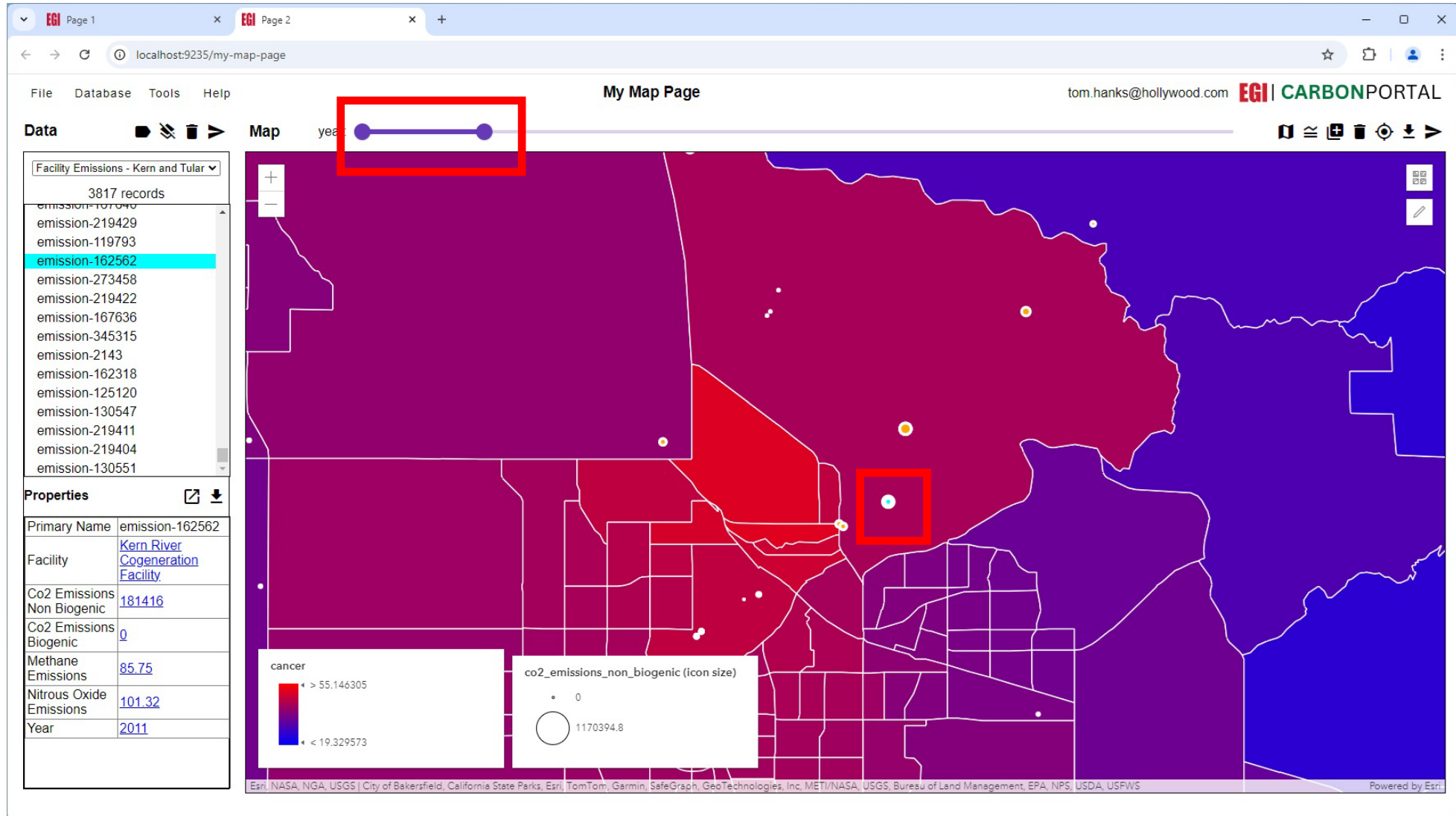


# Show CO<sub>2</sub> Non-Biogenic Emissions by Year

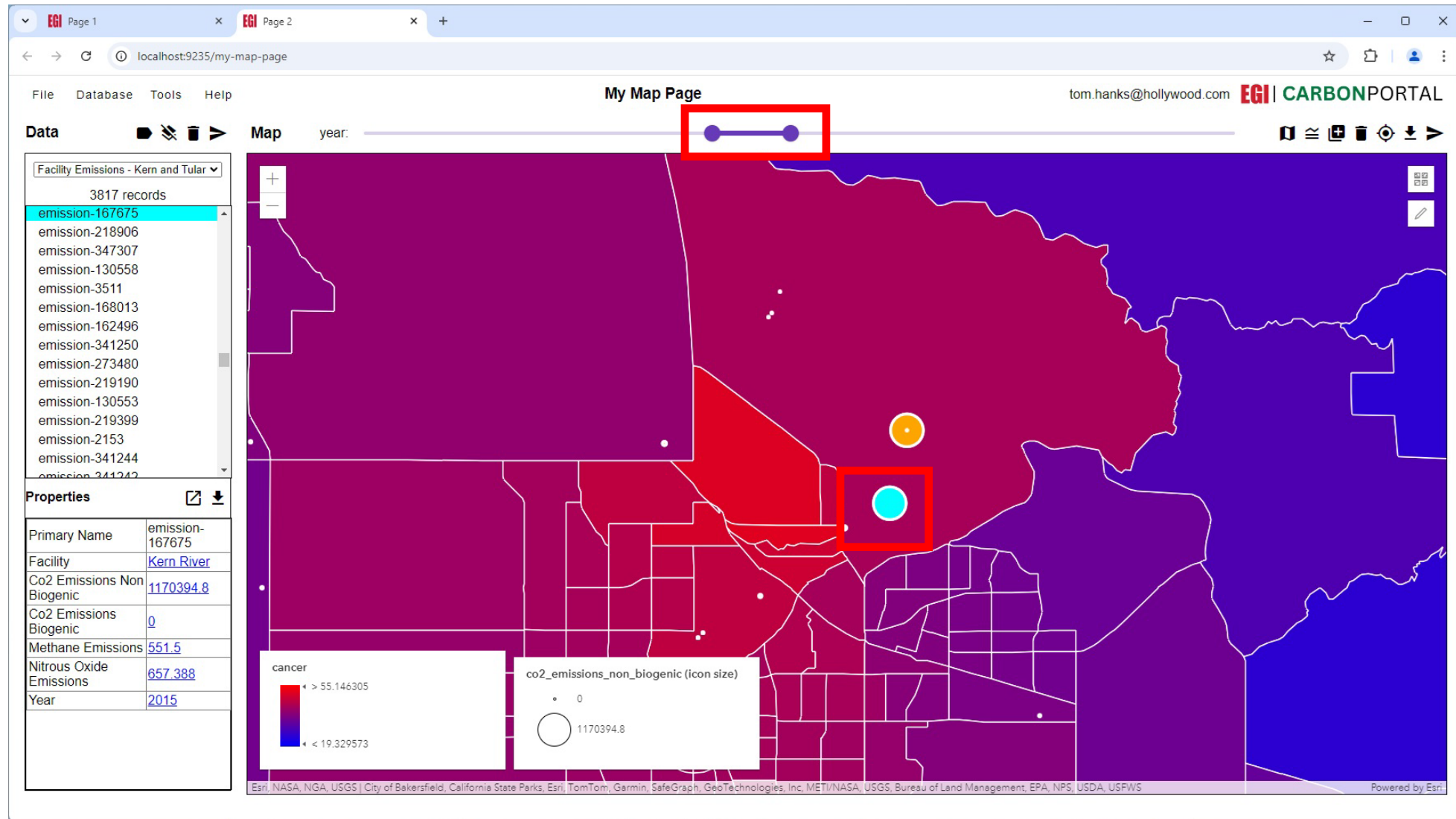
The screenshot shows a web browser window with two tabs labeled 'EGI Page 1' and 'EGI Page 2'. The address bar shows 'localhost:9235/my-map-page'. The application interface includes a menu bar with 'File', 'Database', 'Tools', and 'Help'. The main title is 'My Map Page' and the user is identified as 'tom.hanks@hollywood.com' with the 'EGI | CARBONPORTAL' logo. On the left, a 'Data' panel shows a dropdown for 'J40 - Kern and Tulare' with '229 records' listed below. A 'Properties' panel is also visible. The central 'Map Layers' dialog box is open, displaying the following configuration:

	Datatype	Which Bundles?	How Renderer?	Which Parameter?
Layer 1	POINT	Facility Emissions	Color	Facility Emissions - Kern and Tulare
Layer 2	LINE	- Kern and Tulare	Default	co2_emissions_non_biogenic
	POLYGON		by Category	co2_emissions_biogenic
	POLYGON PT		by Range	methane_emissions
	ANNOTATION		Shape	hydrocarbon_emissions
			Default	year
			by Category	
			Size	
			Default	
			by Range	
			Slider	
			None	
			by Range	

# CO<sub>2</sub> Non-Biogenic Emissions -2011

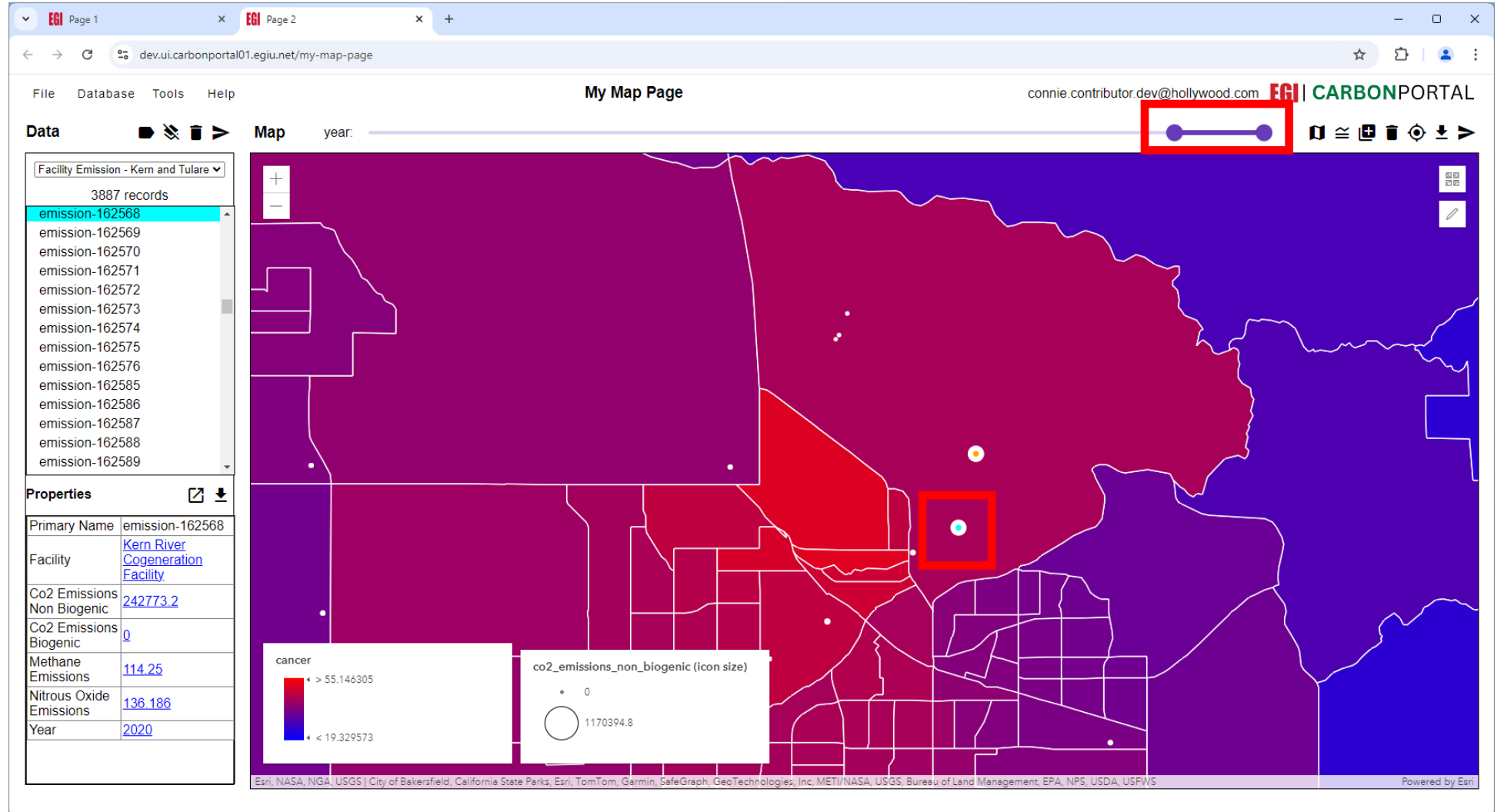


# CO<sub>2</sub> Non-Biogenic Emissions -2015



# CO<sub>2</sub> Non-Biogenic Emissions -2020

Time series is a tool that potentially can be used for monitoring emission mitigation progress



# Launch MySpreadsheet

The screenshot shows a web browser window with two tabs labeled 'EGi Page 1' and 'EGi Page 2'. The address bar shows 'localhost:9235/my-map-page'. The page title is 'My Map Page' and the user is logged in as 'tom.hanks@hollywood.com'. The page is part of the 'EGi | CARBONPORTAL' system.

The interface includes a 'Data' panel on the left with a table of 'Facility Emissions - K' and a 'Properties' panel below it. A dropdown menu is open over the 'Data' panel, listing options: 'My Map', 'Well Formation Page', 'My Spreadsheet' (highlighted with a red box), 'My Graph', and 'My Bibliography'. The table contains the following data:

Facility Emissions - K	387 rec
emission-162415	
emission-151133	
emission-93604	
emission-154653	
emission-277426	
emission-154513	
emission-154619	
emission-206269	
emission-206268	
emission-277413	
emission-277412	
emission-164331	
emission-154313	
emission-277406	
emission-277300	

The map displays a geographic area with a color gradient from blue to red. A legend in the bottom left corner shows a color scale for 'cancer' with values '> 55.146305' (red) and '< 19.329573' (blue). Another legend in the bottom center shows 'co2\_emissions\_non\_biogenic (icon size)' with a scale from 0 to 1170394.8. The map also features a 'year' slider and various navigation icons.

At the bottom of the page, there is a footer with the following text: 'Esri, NASA, NGA, USGS | City of Bakersfield, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS' and 'Powered by Esri'.



# Data to MySpreadsheet

The screenshot shows a web browser window with three tabs labeled 'EGI Page 1', 'EGI Page 2', and 'EGI Page 3'. The address bar shows 'localhost:9235/my-map-page'. The page title is 'My Map Page' and the user is logged in as 'tom.hanks@hollywood.com'. The interface includes a 'Data' panel on the left with a dropdown menu set to 'Facility Emissions - Kern and Tular' and a list of 3817 records. A 'Properties' panel is also visible. The main area is a map with a color scale legend for 'cancer' (ranging from < 19,329573 to > 55,146305) and a size legend for 'co2\_emissions\_non\_biogenic (icon size)'. A 'Send Data Bundle' dialog box is open, showing the bundle name 'Facility Emissions - Kern and Tular' and a list of pages to export, with 'Page 3' selected. The footer contains various credits and the text 'Powered by Esri'.

# MySpreadsheet

EGI Page 1 | EGI Page 2 | EGI Page 3

localhost:9235/my-spreadsheet-page

File Database Tools Help

Spreadsheet Page tom.hanks@hollywood.com EGI | CARBONPORTAL

Data Spreadsheet < 1 - 100 of 3817 >

Facility Emissions - Kern and Tular

3817 records

List of Facility Emission

- emission-145868
- emission-109952
- emission-39250
- emission-3491
- emission-317259
- emission-162535
- emission-114890
- emission-145871
- emission-317324
- emission-317250
- emission-154576
- emission-152179
- emission-164320

Properties ↗ ↘

List 3817 items

	Primary Name ↓	Facility	Co2 Emissions Non Biogenic	Co2 Emissions Biogenic	Methane Emissions	Nitrous Oxide Emissions	Year
1	<a href="#">emission-145868</a>	<a href="#">U.S. BORAX INC.</a>	<a href="#">97838.8</a>	<a href="#">0</a>	<a href="#">46</a>	<a href="#">54.832</a>	<a href="#">2021</a>
2	<a href="#">emission-109952</a>	<a href="#">LEHIGH CEMENT WEST, LLC.</a>	<a href="#">79.7</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
3	<a href="#">emission-39250</a>	<a href="#">Olam West Coast Inc</a>	<a href="#">2974.8</a>	<a href="#">0</a>	<a href="#">1.5</a>	<a href="#">1.788</a>	<a href="#">2021</a>
4	<a href="#">emission-3491</a>	<a href="#">Sunrise Power Company</a>	<a href="#">531926.8</a>	<a href="#">0</a>	<a href="#">246.75</a>	<a href="#">298</a>	<a href="#">2021</a>
5	<a href="#">emission-317259</a>	<a href="#">CWMI_KHF (MSW LANDFILL B-19)</a>	<a href="#">126.5</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
6	<a href="#">emission-162535</a>	<a href="#">Kern River Cogeneration Facility</a>	<a href="#">4445</a>	<a href="#">0</a>	<a href="#">2</a>	<a href="#">2.384</a>	<a href="#">2021</a>
7	<a href="#">emission-114890</a>	<a href="#">BADGER CREEK LIMITED</a>	<a href="#">7679</a>	<a href="#">0</a>	<a href="#">3.5</a>	<a href="#">2.98</a>	<a href="#">2021</a>
8	<a href="#">emission-145871</a>	<a href="#">U.S. BORAX INC.</a>	<a href="#">224872</a>	<a href="#">0</a>	<a href="#">106</a>	<a href="#">126.352</a>	<a href="#">2021</a>
9	<a href="#">emission-317324</a>	<a href="#">CWMI_KHF (MSW LANDFILL B-19)</a>	<a href="#">43.1</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
10	<a href="#">emission-317250</a>	<a href="#">CWMI_KHF (MSW LANDFILL B-19)</a>	<a href="#">53.8</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
11	<a href="#">emission-154576</a>	<a href="#">Alon Bakersfield Refining</a>	<a href="#">60.7</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
12	<a href="#">emission-152179</a>	<a href="#">J R SIMPLOT COMPANY</a>	<a href="#">250.9</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
13	<a href="#">emission-164320</a>	<a href="#">PG&amp;E KETTLEMAN COMPRESSOR STATION</a>	<a href="#">110.6</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
14	<a href="#">emission-170843</a>	<a href="#">KERN OIL &amp; REFINING CO.</a>	<a href="#">1357.2</a>	<a href="#">31.8</a>	<a href="#">1.75</a>	<a href="#">4.47</a>	<a href="#">2021</a>
15	<a href="#">emission-317239</a>	<a href="#">CWMI_KHF (MSW LANDFILL B-19)</a>	<a href="#">48.5</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">2021</a>
16	<a href="#">emission-170879</a>	<a href="#">KERN OIL &amp; REFINING CO.</a>	<a href="#">19790.8</a>	<a href="#">456.4</a>	<a href="#">27.5</a>	<a href="#">65.56</a>	<a href="#">2021</a>

# Sort by CO2 Emissions Non-Biogenic

Spreadsheet Page

tom.hanks@hollywood.com EGI CARBONPORTAL

< 1 - 100 of 3469 >

	Primary Name	Facility	Co2 Emissions Non Biogenic ↑	Co2 Emissions Biogenic	Methane Emissions	Nitrous Oxide Emissions	Year
1	<a href="#">emission-167631</a>	<a href="#">Kern River</a>	<a href="#">1170394.8</a>	0	<a href="#">551.5</a>	<a href="#">657.388</a>	<a href="#">2015</a>
2	<a href="#">emission-167653</a>	<a href="#">Kern River</a>	<a href="#">1170394.8</a>	0	<a href="#">551.5</a>	<a href="#">657.388</a>	<a href="#">2015</a>
3	<a href="#">emission-167675</a>	<a href="#">Kern River</a>	<a href="#">1170394.8</a>	0	<a href="#">551.5</a>	<a href="#">657.388</a>	<a href="#">2015</a>
4	<a href="#">emission-211158</a>	<a href="#">MIDWAY-SUNSET COGENERATION CO.</a>	<a href="#">857632</a>	0	<a href="#">404.5</a>	<a href="#">482.164</a>	<a href="#">2011</a>
5	<a href="#">emission-211169</a>	<a href="#">MIDWAY-SUNSET COGENERATION CO.</a>	<a href="#">857632</a>	0	<a href="#">404.5</a>	<a href="#">482.164</a>	<a href="#">2011</a>
6	<a href="#">emission-211157</a>	<a href="#">MIDWAY-SUNSET COGENERATION CO.</a>	<a href="#">852217.5</a>	0	<a href="#">401.75</a>	<a href="#">478.886</a>	<a href="#">2012</a>
7	<a href="#">emission-211168</a>	<a href="#">MIDWAY-SUNSET COGENERATION CO.</a>	<a href="#">852217.5</a>	0	<a href="#">401.75</a>	<a href="#">478.886</a>	<a href="#">2012</a>
8	<a href="#">emission-273414</a>	<a href="#">Aera Energy_Belridge</a>	<a href="#">841406</a>	0	<a href="#">396.75</a>	<a href="#">472.926</a>	<a href="#">2011</a>
9	<a href="#">emission-273564</a>	<a href="#">Aera Energy_Belridge</a>	<a href="#">841406</a>	0	<a href="#">396.75</a>	<a href="#">472.926</a>	<a href="#">2011</a>
10	<a href="#">emission-211156</a>	<a href="#">MIDWAY-SUNSET COGENERATION CO.</a>	<a href="#">834874.6</a>	0	<a href="#">393.75</a>	<a href="#">469.35</a>	<a href="#">2013</a>
11	<a href="#">emission-211167</a>	<a href="#">MIDWAY-SUNSET COGENERATION CO.</a>	<a href="#">834874.6</a>	0	<a href="#">393.75</a>	<a href="#">469.35</a>	<a href="#">2013</a>
12	<a href="#">emission-273413</a>	<a href="#">Aera Energy_Belridge</a>	<a href="#">816558.8</a>	0	<a href="#">384.75</a>	<a href="#">458.622</a>	<a href="#">2016</a>
13	<a href="#">emission-273563</a>	<a href="#">Aera Energy_Belridge</a>	<a href="#">816558.8</a>	0	<a href="#">384.75</a>	<a href="#">458.622</a>	<a href="#">2016</a>
14	<a href="#">emission-273412</a>	<a href="#">Aera Energy_Belridge</a>	<a href="#">785402.6</a>	0	<a href="#">370</a>	<a href="#">441.04</a>	<a href="#">2015</a>
15	<a href="#">emission-273562</a>	<a href="#">Aera Energy_Belridge</a>	<a href="#">785402.6</a>	0	<a href="#">370</a>	<a href="#">441.04</a>	<a href="#">2015</a>
16	<a href="#">emission-211155</a>	<a href="#">MIDWAY-SUNSET COGENERATION CO.</a>	<a href="#">736603</a>	0	<a href="#">347</a>	<a href="#">413.624</a>	<a href="#">2014</a>

# Scenario 2

Stakeholder wishes to explore formations in the Bay Area for Carbon Sequestration.

# Search Land Ownership

The screenshot displays the EGI Carbon Portal interface. At the top, the browser tabs show 'EGI Page 3', 'EGI Page 4', and 'EGI Page 5'. The address bar contains 'localhost:9235/gendb-page'. The page title is 'Database Access' and the user is identified as 'tom.hanks@hollywood.com'. The interface is organized into three main columns of menu items:

- Geological:** Age, Chronostratigraphy, Formation, Geologic Surface, Laboratory, Method, Quarternary Fault, Rock Class Unit, Sedimentary Basin.
- Industrial:** Facility, Facility Emission, Facility Industry Type Subpart, Field, Field Status, Industry Type Subpart, Operator, Pipeline, Well, Well Density, Well Formation, Well Log Param, Param Type, Well Permeability, Well Porosity, Well Pressure, Well Saturation, TOC, Well Wave Velocity.
- Political:** Agency, State, County, Census Tract, Justice 40, **Land Ownership** (highlighted with a red box), Land Ownership Designation, Project, Tribal Area, Tribal Tract.

On the right side, there is a 'Carbon Portal' section with a 'Datasource' link.

# Land Ownership

Database Access tom.hanks@hollywood.com EGI | CARBONPORTAL

Land Ownership List Items per page: 10 1 – 10 of 72641

	Primary Name ↑	Polygon	Owner	Designation
1	<a href="#">Land Ownership #1</a>	<a href="#">POLYGON</a>	<a href="#">United States Bureau of Land Management</a>	<a href="#">Bureau of Land Management</a>
2	<a href="#">Land Ownership #10</a>	<a href="#">POLYGON</a>	<a href="#">United States Bureau of Land Management</a>	<a href="#">Bureau of Land Management</a>
3	<a href="#">Land Ownership #100</a>	<a href="#">POLYGON</a>	<a href="#">United States Bureau of Land Management</a>	<a href="#">Bureau of Land Management</a>
4	<a href="#">Land Ownership #1000</a>	<a href="#">POLYGON</a>	<a href="#">Chula Vista, City of</a>	<a href="#">Local Government</a>
5	<a href="#">Land Ownership #10000</a>	<a href="#">POLYGON</a>	<a href="#">Western Riverside County Regional Conservation Authority</a>	<a href="#">Local Government</a>
6	<a href="#">Land Ownership #10001</a>	<a href="#">POLYGON</a>	<a href="#">Western Riverside County Regional Conservation Authority</a>	<a href="#">Local Government</a>
7	<a href="#">Land Ownership #10002</a>	<a href="#">POLYGON</a>	<a href="#">Western Riverside County Regional Conservation Authority</a>	<a href="#">Local Government</a>
8	<a href="#">Land Ownership #10003</a>	<a href="#">POLYGON</a>	<a href="#">Western Riverside County Regional Conservation Authority</a>	<a href="#">Local Government</a>
9	<a href="#">Land Ownership #10004</a>	<a href="#">POLYGON</a>	<a href="#">Riverside, County of</a>	<a href="#">Local Government</a>
10	<a href="#">Land Ownership #10005</a>	<a href="#">POLYGON</a>	<a href="#">Grand Terrace, City of</a>	<a href="#">Local Government</a>

# Retrieve from Bay Area

EGI Page 3 x EGI Page 4 x EGI Page 5 x +

localhost:9235/land-ownership-vlist

File Database Tools Help

Database Access tom.hanks@hollywood.com EGI CARBONPORTAL

Land Ownership List

Items per page: 10 1 - 10 of 72641

	Primary Name ↑
1	<a href="#">Land Ownership #1</a>
2	<a href="#">Land Ownership #10</a>
3	<a href="#">Land Ownership #100</a>
4	<a href="#">Land Ownership #1000</a>
5	<a href="#">Land Ownership #10000</a>
6	<a href="#">Land Ownership #10001</a>
7	<a href="#">Land Ownership #10002</a>
8	<a href="#">Land Ownership #10003</a>
9	<a href="#">Land Ownership #10004</a>
10	<a href="#">Land Ownership #10005</a>

### Geography Filter

Sources: Esri, USGS, NOAA | Sources: Esri, Garmin, USGS, NPS

Powered by Esri

# Send to MyMap

The screenshot shows a web browser window with two tabs: 'EGI Page 3' and 'EGI Page 4'. The address bar shows 'localhost:9235/land-ownership-vlist'. The page title is 'Database Access' and the user is 'tom.hanks@hollywood.com'. The main content is a 'Land Ownership List' table with columns: Primary Name, Polygon, Owner, and Designation. The table has 10 rows, each with a link to a land ownership record. A 'Send Data Bundle' dialog box is open in the center, with a 'Bundle Name' field containing 'Bay Area Land Ownership' and a 'To:' field containing 'Page 4'.

	Primary Name ↑	Polygon	Owner	Designation
1	<a href="#">Land Ownership #27522</a>	<a href="#">POLYGON</a>	<a href="#">Emeryville, City of</a>	<a href="#">Local Government</a>
2	<a href="#">Land Ownership #27523</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
3	<a href="#">Land Ownership #27524</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
4	<a href="#">Land Ownership #27525</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
5	<a href="#">Land Ownership #27533</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
6	<a href="#">Land Ownership #27534</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
7	<a href="#">Land Ownership #27535</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
8	<a href="#">Land Ownership #27536</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
9	<a href="#">Land Ownership #27537</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>
10	<a href="#">Land Ownership #27538</a>	<a href="#">POLYGON</a>		<a href="#">Local Government</a>



# MyMap with Land Ownership

The screenshot shows a web browser window displaying a map application. The browser's address bar shows the URL `localhost:9235/my-map-page`. The application title is "My Map Page". In the top right corner, there is a user email `tom.hanks@hollywood.com` and the logo for "EGI | CARBONPORTAL".

The interface includes a menu bar with "File", "Database", "Tools", and "Help". Below the menu is a toolbar with icons for map navigation and data management. On the left side, there is a "Data" panel with a dropdown menu set to "Bay Area Land Ownership", showing "767 records". Below this is a list of land ownership records, including "List of Land Ownership" and several entries with IDs such as #27522, #27523, #27524, #27525, #27533, #27534, #27535, #27536, #27537, #27538, #27539, #27540, and #27541. Below the list is a "Properties" section with a download icon.

The main map area displays a topographic map of the San Francisco Bay Area. Land ownership data is overlaid on the map as orange-colored polygons. The map shows major cities like San Francisco, Berkeley, Oakland, and Concord, as well as geographical features like the San Pablo Bay and various hills. The map is powered by Esri, as indicated by the text "Powered by Esri" in the bottom right corner of the map area.

# Color by Land Ownership Designation

The screenshot shows a web browser window displaying a map application. The browser tabs are labeled "EGI Page 3" and "EGI Page 4". The address bar shows "localhost:9235/my-map-page". The page title is "My Map Page". The user email is "tom.hanks@hollywood.com". The logo "EGI | CARBONPORTAL" is visible in the top right.

The interface includes a "Data" panel on the left with a dropdown menu set to "Bay Area Land Ownership" showing "767 records". Below this is a list of land ownership records with IDs ranging from #27522 to #27541. A "Properties" panel shows details for a selected record: Primary Name "Land Ownership #27553", Polygon "POLYGON", Owner "Oakland, City of", and Designation "Local Government".

The map view shows the San Francisco Bay Area with various land ownership designations color-coded. A legend titled "designation" lists the following categories with corresponding colors:

- Bureau of Land Management (Dark Blue)
- Bureau of Reclamation (Light Blue)
- CA Dept. of Fish and Wildlife (Purple)
- CA Dept. of Parks and Recreation (Red)
- Department of Defense (Yellow)
- Local Government (Teal)
- National Park Service (Light Green)
- Non-Profit Conservancies and Trusts (Dark Purple)
- Other State Lands (Orange)
- US Fish and Wildlife Service (Light Orange)
- Unknown (Grey)

The map shows various geographical features and cities, including San Pablo Bay, Berkeley, Oakland, Concord, and Antioch. The map is powered by Esri.

# Search for Wells

The screenshot shows a web browser window with three tabs labeled 'EGI Page 3', 'EGI Page 4', and 'EGI Page 5'. The address bar shows 'localhost:9235/gendb-page'. The page title is 'Database Access' and the user is 'tom.hanks@hollywood.com'. The page is divided into four main sections:

- Geological:** Age, Chronostratigraphy, Formation, Geologic Surface, Laboratory, Method, Quarternary Fault, Rock Class Unit, Sedimentary Basin.
- Industrial:** Facility, Facility Emission, Facility Industry Type Subpart, Field, Field Status, Industry Type Subpart, Operator, Pipeline, **Well** (highlighted with a red box), Well Density, Well Formation, Well Log Param, Param Type, Well Permeability, Well Porosity, Well Pressure, Well Saturation, TOC, Well Wave Velocity.
- Political:** Agency, State, County, Census Tract, Justice 40, Land Ownership, Land Ownership Designation, Project, Tribal Area, Tribal Tract.
- Carbon Portal:** Datasource.

# Wells

EGI Page 3 x EGI Page 4

localhost:9235/well-vlist

File Database Tools Help

Database Access tom.hanks@hollywood.com EGI | CARBONPORTAL

Well List Items per page: 10 1 - 10 of 285282

	Primary Name	Point	Api	Corrected Api	Wellname	Well Status	Well Type	State	Spud Date	County	Field	Operator	Elevation	List Formation
1	<a href="#">400100007</a>	<a href="#">POINT</a>	<a href="#">400100007</a>	<a href="#">400100007</a>		Idle	Dry Hole	California	<a href="#">1927-01-01</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
2	<a href="#">400100006</a>	<a href="#">POINT</a>	<a href="#">400100006</a>	<a href="#">400100006</a>		Plugged	Dry Hole	California	<a href="#">1965-08-26</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
3	<a href="#">400100001</a>	<a href="#">POINT</a>	<a href="#">400100001</a>	<a href="#">400100001</a>		Idle	Oil & Gas	California	<a href="#">1966-12-30</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
4	<a href="#">400100011</a>	<a href="#">POINT</a>	<a href="#">400100011</a>	<a href="#">400100011</a>		Plugged	Dry Hole	California	<a href="#">1928-01-01</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
5	<a href="#">400100003</a>	<a href="#">POINT</a>	<a href="#">400100003</a>	<a href="#">400100003</a>		Plugged	Dry Hole	California	<a href="#">1952-11-16</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
6	<a href="#">400100010</a>	<a href="#">POINT</a>	<a href="#">400100010</a>	<a href="#">400100010</a>		Plugged	Dry Hole	California	<a href="#">1931-04-02</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
7	<a href="#">400100005</a>	<a href="#">POINT</a>	<a href="#">400100005</a>	<a href="#">400100005</a>		Plugged	Dry Hole	California	<a href="#">1955-12-01</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
8	<a href="#">400100004</a>	<a href="#">POINT</a>	<a href="#">400100004</a>	<a href="#">400100004</a>		Plugged	Dry Hole	California	<a href="#">1921-02-01</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
9	<a href="#">400100002</a>	<a href="#">POINT</a>	<a href="#">400100002</a>	<a href="#">400100002</a>		Plugged	Gas	California	<a href="#">1952-02-16</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0
10	<a href="#">400100009</a>	<a href="#">POINT</a>	<a href="#">400100009</a>	<a href="#">400100009</a>		Plugged	Dry Hole	California	<a href="#">1940-04-10</a>	<a href="#">Alameda County, CA</a>		<a href="#">(PN not set)</a>		0

# Filter by Location

The screenshot shows a web browser window with two tabs. The active tab is titled 'localhost:9235/well-list'. The page header includes 'Database Access' and 'tom.hanks@hollywood.com EGI CARBONPORTAL'. Below the header is a 'Well List' table with 10 rows. A 'Geography Filter' map overlay is centered on the screen, showing a map of the San Francisco Bay Area with a black rectangular selection box covering the area from Vallejo to Antioch. The map includes labels for various cities and regions like Fairfield, Vallejo, Concord, and Antioch. The table on the left has columns for 'Primary Name', 'Point', and 'Api'. The table on the right has columns for 'Operator', 'Elevation', and 'List Formation'.

Primary Name	Point	Api
400100007	POINT	4001000
400100006	POINT	4001000
400100001	POINT	4001000
400100011	POINT	4001000
400100003	POINT	4001000
400100010	POINT	4001000
400100005	POINT	4001000
400100004	POINT	4001000
400100002	POINT	4001000
400100009	POINT	4001000

Operator	Elevation	List Formation
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	
(PN_not_set)	0	

# Filter by Number of Formations in Well

The screenshot shows the EGI Carbon Portal interface. The main window displays a 'Well List' table with columns: Primary Name, Point, Api, Corrected Api, Wellname, Well Status, Well Type, State, Spud Date, County, Field, Operator, Elevation, and List Formation. A filter dialog box is open over the table, titled 'Filter'. The dialog has a 'List Formation' section with a red box around the text '> 0'. The dialog also includes a 'Definition' section and a 'Filter on' dropdown menu.

	Primary Name	Point	Api	Corrected Api	Wellname	Well Status	Well Type	State	Spud Date	County	Field	Operator	Elevation	List Formation
1	401100101	POINT	401100101	401100101								(PN_not_set)		0
2	400100023	POINT	400100023	400100023								(PN_not_set)		0
3	401100106	POINT	401100106	401100106								(PN_not_set)		0
4	401100319	POINT	401100319	401100319								(PN_not_set)		0
5	401120003	POINT	401120003	401120003								(PN_not_set)		0
6	401100102	POINT	401100102	401100102								(PN_not_set)		0
7	401120494	POINT	401120494	401120494								(PN_not_set)		0
8	401120553	POINT	401120553	401120553								(PN_not_set)		0
9	401120560	POINT	401120560	401120560								(PN_not_set)		0
10	401120595	POINT	401120595	401120595								(PN_not_set)		0

# Order by Number of Formations

EGI Page 3 x EGI Page 4 x +

localhost:9235/well-elist

File Database Tools Help Database Access tom.hanks@hollywood.com EGI | CARBONPORTAL

Well List Items per page: 10 1 - 10 of 75

	Primary Name	Point 1 filter	Api	Corrected Api	Wellname	Well Status	Well Type	State	Spud Date	County	Field	Operator	Elevation	List Formation 1 filter
1	<a href="#">409520450</a>	<a href="#">POINT</a>	<a href="#">409520450</a>	<a href="#">409520450</a>		Plugged	Dry_Hole	California	1981-02-22	Solano County, CA		(PN not set)		
2	<a href="#">409520624</a>	<a href="#">POINT</a>	<a href="#">409520624</a>	<a href="#">409520624</a>		Plugged	Gas	California	1983-08-05	Solano County, CA		(PN not set)	11	
3	<a href="#">409520011</a>	<a href="#">POINT</a>	<a href="#">409520011</a>	<a href="#">409520011</a>		Plugged	Dry_Hole	California	1967-05-01	Solano County, CA		(PN not set)	10	
4	<a href="#">409500334</a>	<a href="#">POINT</a>	<a href="#">409500334</a>	<a href="#">409500334</a>		Plugged	Dry_Hole	California	1955-07-19	Solano County, CA		(PN not set)	9	
5	<a href="#">406700295</a>	<a href="#">POINT</a>	<a href="#">406700295</a>	<a href="#">406700295</a>		Plugged	Dry_Hole	California	1965-04-22	Sacramento County, CA		(PN not set)	8	
6	<a href="#">401300247</a>	<a href="#">POINT</a>	<a href="#">401300247</a>	<a href="#">401300247</a>		Plugged	Dry_Hole	California	1962-10-24	Contra Costa County, CA		(PN not set)	8	
7	<a href="#">406720139</a>	<a href="#">POINT</a>	<a href="#">406720139</a>	<a href="#">406720139</a>		Plugged	Dry_Hole	California	1979-06-06	Sacramento County, CA		(PN not set)	7	
8	<a href="#">401300254</a>	<a href="#">POINT</a>	<a href="#">401300254</a>	<a href="#">401300254</a>		Plugged	Dry_Hole	California	1962-11-10	Contra Costa County, CA		(PN not set)	7	
9	<a href="#">401300253</a>	<a href="#">POINT</a>	<a href="#">401300253</a>	<a href="#">401300253</a>		Plugged	Dry_Hole	California	1963-10-09	Contra Costa County, CA		(PN not set)	7	
10	<a href="#">409520878</a>	<a href="#">POINT</a>	<a href="#">409520878</a>	<a href="#">409520878</a>		Plugged	Dry_Hole	California	1990-05-02	Solano County, CA		(PN not set)	7	

# Click to see Formations in Well

The screenshot shows a web application interface for 'Database Access' on 'localhost:9235/well-olist'. The page title is 'Well List' and it shows a table of 10 wells. A modal window titled 'List Formation' is open, displaying a list of geological formations for a selected well. The 'Domengine' formation is highlighted with a red box.

Primary Name	Point	Api	Corrected Api	Wellname	Well Status	Well Type	State	Spud Date	County	Field	Operator	Elevation	List Formation
1	<a href="#">409520450</a>	<a href="#">POINT</a>	<a href="#">409520450</a>	<a href="#">409520450</a>		Plugged	Dry Hole	California	1981-02-22	Solano County_CA	(PN not set)		13
2	<a href="#">409520624</a>	<a href="#">POINT</a>	<a href="#">409520624</a>	<a href="#">409520624</a>						Solano County_CA	(PN not set)		11
3	<a href="#">409520011</a>	<a href="#">POINT</a>	<a href="#">409520011</a>	<a href="#">409520011</a>						Solano County_CA	(PN not set)		10
4	<a href="#">409500334</a>	<a href="#">POINT</a>	<a href="#">409500334</a>	<a href="#">409500334</a>						Solano County_CA	(PN not set)		9
5	<a href="#">406700295</a>	<a href="#">POINT</a>	<a href="#">406700295</a>	<a href="#">406700295</a>						Sacramento County_CA	(PN not set)		8
6	<a href="#">401300247</a>	<a href="#">POINT</a>	<a href="#">401300247</a>	<a href="#">401300247</a>						Contra Costa County_CA	(PN not set)		8
7	<a href="#">406720139</a>	<a href="#">POINT</a>	<a href="#">406720139</a>	<a href="#">406720139</a>						Sacramento County_CA	(PN not set)		7
8	<a href="#">401300254</a>	<a href="#">POINT</a>	<a href="#">401300254</a>	<a href="#">401300254</a>						Contra Costa County_CA	(PN not set)		7
9	<a href="#">401300253</a>	<a href="#">POINT</a>	<a href="#">401300253</a>	<a href="#">401300253</a>						Contra Costa County_CA	(PN not set)		7
10	<a href="#">409520878</a>	<a href="#">POINT</a>	<a href="#">409520878</a>	<a href="#">409520878</a>						Solano County_CA	(PN not set)		7

**List Formation**

- [Anderson](#)
- [Casper](#)
- [Domengine](#)**
- [Hamilton](#)
- [Markley](#)
- [Martinez Shale](#)
- [McCormick](#)
- [Meganos "C" Shale](#)
- [Nortonville](#)
- [base Markley](#)
- [base Miocene](#)
- [top Cretaceous](#)



# Show Details of Formation

The screenshot shows a web application interface for 'Database Access' with a 'Well List' table. A modal dialog titled 'List Formation' is open, displaying the following fields:

- Well Formation:** Domengine (highlighted with a red box)
- Pick Normal:** 18864.83
- Formation:** Domengine
- Age Top:** (empty)

The background table contains the following data:

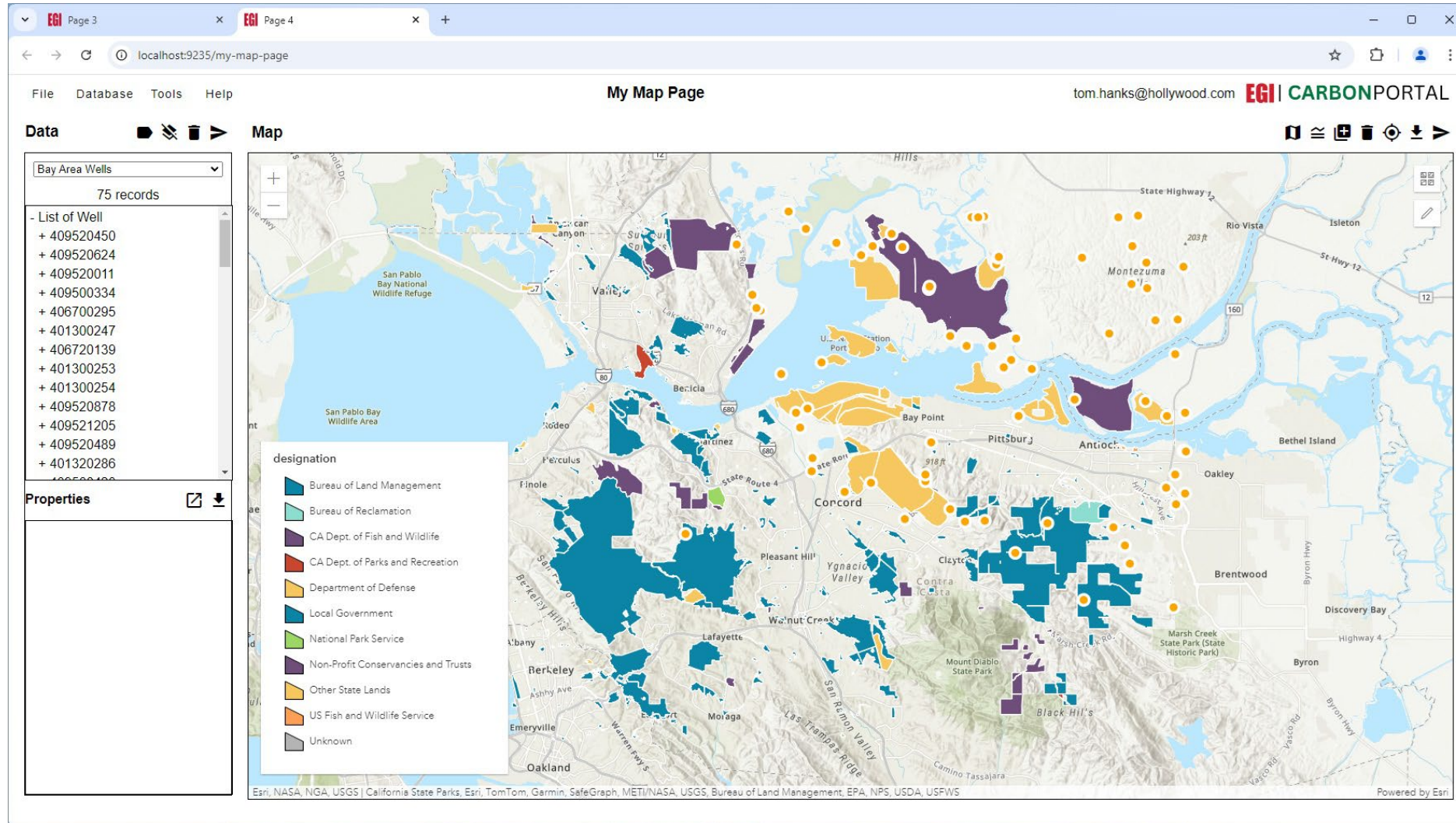
	Primary Name	Point	Api	Corrected Api	Wellname	Well Status	Well Type	State	Spud Date	County	Field	Operator	Elevation	List Formation
1	<a href="#">409520450</a>	<a href="#">POINT</a>	<a href="#">409520450</a>	<a href="#">409520450</a>				California	1981-02-22	Solano County_CA		(PN not set)		13
2	<a href="#">409520624</a>	<a href="#">POINT</a>	<a href="#">409520624</a>	<a href="#">409520624</a>						Solano County_CA		(PN not set)		11
3	<a href="#">409520011</a>	<a href="#">POINT</a>	<a href="#">409520011</a>	<a href="#">409520011</a>						Solano County_CA		(PN not set)		10
4	<a href="#">409500334</a>	<a href="#">POINT</a>	<a href="#">409500334</a>	<a href="#">409500334</a>						Solano County_CA		(PN not set)		9
5	<a href="#">406700295</a>	<a href="#">POINT</a>	<a href="#">406700295</a>	<a href="#">406700295</a>						Sacramento County_CA		(PN not set)		8
6	<a href="#">401300247</a>	<a href="#">POINT</a>	<a href="#">401300247</a>	<a href="#">401300247</a>						Contra Costa County_CA		(PN not set)		8
7	<a href="#">406720139</a>	<a href="#">POINT</a>	<a href="#">406720139</a>	<a href="#">406720139</a>						Sacramento County_CA		(PN not set)		7
8	<a href="#">401300254</a>	<a href="#">POINT</a>	<a href="#">401300254</a>	<a href="#">401300254</a>						Contra Costa County_CA		(PN not set)		7
9	<a href="#">401300253</a>	<a href="#">POINT</a>	<a href="#">401300253</a>	<a href="#">401300253</a>						Contra Costa County_CA		(PN not set)		7
10	<a href="#">409520878</a>	<a href="#">POINT</a>	<a href="#">409520878</a>	<a href="#">409520878</a>						Solano County_CA		(PN not set)		7

# Send to MyMap

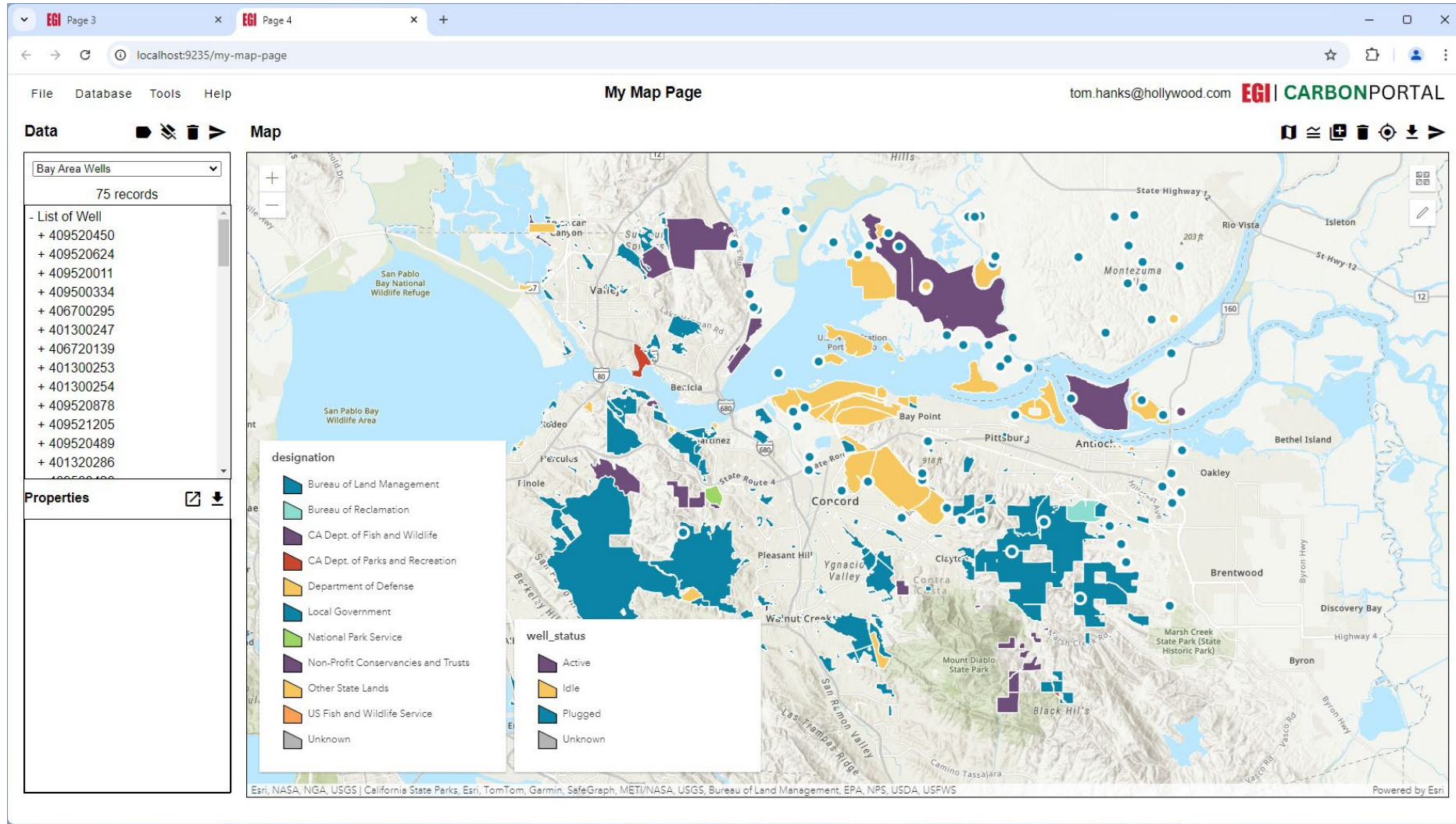
The screenshot shows a web browser window with two tabs labeled 'EGi Page 3' and 'EGi Page 4'. The address bar shows 'localhost:9235/well-vlist'. The page title is 'Database Access' and the user is 'tom.hanks@hollywood.com'. The main content is a 'Well List' table with columns: Primary Name, Point, Api, Corrected Api, Wellname, Well Status, Well Type, State, Spud Date, County, Field, Operator, Elevation, and List Formation. A dialog box titled 'Send Data Bundle' is overlaid on the table. It has a 'Bundle Name' field containing 'Bay Area Well List' and a 'To:' field with 'Page 4' selected. The table data is as follows:

	Primary Name	Point	Api	Corrected Api	Wellname	Well Status	Well Type	State	Spud Date	County	Field	Operator	Elevation	List Formation
1	<a href="#">409520450</a>	<a href="#">POINT</a>	<a href="#">409520450</a>	<a href="#">409520450</a>		Plugged	Dry_Hole	California	1981-02-22	Solano County_CA		(PN not set)		13
2	<a href="#">409520624</a>	<a href="#">POINT</a>	<a href="#">409520624</a>	<a href="#">409520624</a>		Plugged			83-08-05	Solano County_CA		(PN not set)		11
3	<a href="#">409520011</a>	<a href="#">POINT</a>	<a href="#">409520011</a>	<a href="#">409520011</a>		Plugged			87-05-01	Solano County_CA		(PN not set)		10
4	<a href="#">409500334</a>	<a href="#">POINT</a>	<a href="#">409500334</a>	<a href="#">409500334</a>		Plugged			85-07-19	Solano County_CA		(PN not set)		9
5	<a href="#">406700295</a>	<a href="#">POINT</a>	<a href="#">406700295</a>	<a href="#">406700295</a>		Plugged			85-04-22	Sacramento County_CA		(PN not set)		8
6	<a href="#">401300247</a>	<a href="#">POINT</a>	<a href="#">401300247</a>	<a href="#">401300247</a>		Plugged			82-10-24	Contra_Costa County_CA		(PN not set)		8
7	<a href="#">406720139</a>	<a href="#">POINT</a>	<a href="#">406720139</a>	<a href="#">406720139</a>		Plugged			79-06-06	Sacramento County_CA		(PN not set)		7
8	<a href="#">401300254</a>	<a href="#">POINT</a>	<a href="#">401300254</a>	<a href="#">401300254</a>		Plugged			82-11-10	Contra_Costa County_CA		(PN not set)		7
9	<a href="#">401300253</a>	<a href="#">POINT</a>	<a href="#">401300253</a>	<a href="#">401300253</a>		Plugged			83-10-09	Contra_Costa County_CA		(PN not set)		7
10	<a href="#">409520878</a>	<a href="#">POINT</a>	<a href="#">409520878</a>	<a href="#">409520878</a>		Plugged			80-05-02	Solano County_CA		(PN not set)		7

# MyMap – Land Ownership and Wells



# Color by Well Status



# Select Area of Interest

The screenshot shows a web browser window with the URL `localhost:9235/my-map-page`. The application is titled "My Map Page" and includes a menu with "File", "Database", "Tools", and "Help". The user's email is `tom.hanks@hollywood.com` and the application is associated with "EGI | CARBONPORTAL".

**Data Panel:**

- Dropdown: Bay Area Wells
- Records: 75 records
- List of Well IDs:
  - + 409520450
  - + 409520624
  - + 409520011
  - + 409500334
  - + 406700295
  - + 401300247
  - + 406720139
  - + 401300253
  - + 401300254
  - + 409520878
  - + 409521205
  - + 409520489
  - + 401320286

**Legend:**

- designation**
  - Bureau of Land Management (Dark Blue)
  - Bureau of Reclamation (Light Blue)
  - CA Dept. of Fish and Wildlife (Purple)
  - CA Dept. of Parks and Recreation (Red)
  - Department of Defense (Yellow)
  - Local Government (Light Blue)
  - National Park Service (Green)
  - Non-Profit Conservancies and Trusts (Dark Blue)
  - Other State Lands (Orange)
  - US Fish and Wildlife Service (Light Blue)
  - Unknown (Grey)
- well\_status**
  - Active (Purple)
  - Idle (Yellow)
  - Plugged (Dark Blue)
  - Unknown (Grey)

The map displays the San Francisco Bay Area with various well locations marked by colored dots and polygons. A selection box is drawn around a specific area in the central part of the map. The map includes labels for cities like San Francisco, Berkeley, Concord, and Antioch, as well as landmarks like San Pablo Bay National Wildlife Refuge and Mount Diablo State Park.

# Launch Well Formation Page and Send Data

The screenshot shows a web browser window with the URL `localhost:9235/my-map-page`. The page title is "My Map Page" and the user is logged in as `tom.hanks@hollywood.com`. The interface includes a menu bar (File, Database, Tools, Help), a "Data" sidebar, and a main map area. The "Data" sidebar contains a search bar for "Bay Area Wells" (75 records) and a list of well IDs. A dropdown menu is open, with "Well Formation Page" highlighted in a red box. Other options include "My Spreadsheet", "My Graph", and "My Bibliography". The map displays well locations and statuses across the Bay Area, with a legend for "designation" and "well\_status".

**designation**

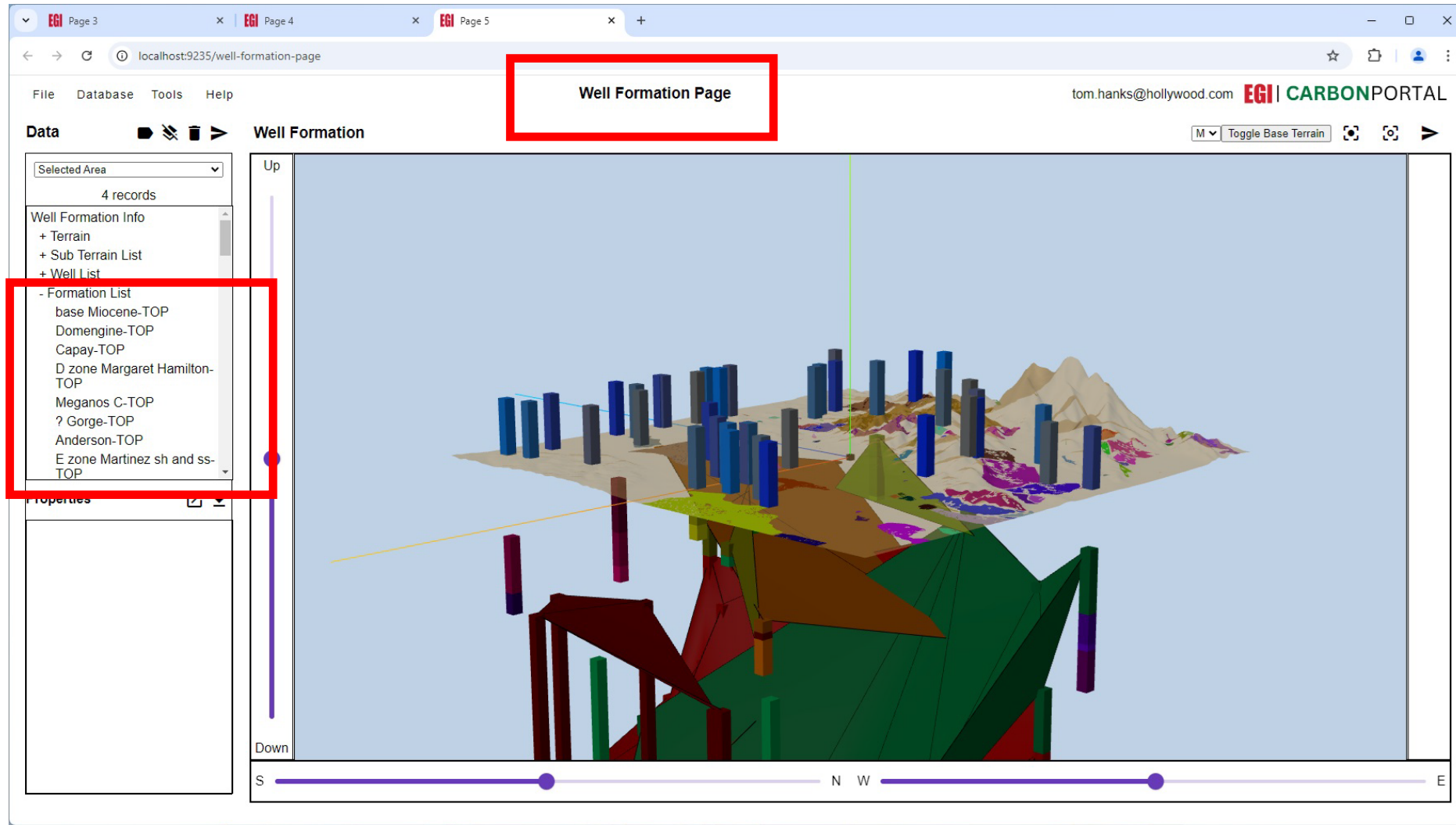
- Bureau of Land Management
- Bureau of Reclamation
- CA Dept. of Fish and Wildlife
- CA Dept. of Parks and Recreation
- Department of Defense
- Local Government
- National Park Service
- Non-Profit Conservancies and Trusts
- Other State Lands
- US Fish and Wildlife Service
- Unknown

**well\_status**

- Active
- Idle
- Plugged
- Unknown

Powered by Esri

# Formation Layers created from Well Formations



# Select Well of Interest (401300275)

Well Formation Page

tom.hanks@hollywood.com EGI CARBONPORTAL

M Toggle Base Terrain

**Data**

Selected Area

4 records

Well Formation Info

- + Terrain
- + Sub Terrain List
- + Well List
- Formation List
  - base Miocene-TOP
  - Domengine-TOP
  - Capay-TOP
  - D zone Margaret Hamilton-TOP
  - Meganos C-TOP
  - ? Gorge-TOP
  - Anderson-TOP
  - E zone Martinez sh and ss-TOP

**Properties**

Primary Name	401300275
Point	<a href="#">POINT</a>
Api	<a href="#">401300275</a>
Corrected Api	<a href="#">401300275</a>
Wellname	
Well Status	<a href="#">Plugged</a>
Well Type	<a href="#">Dry Hole</a>
State	<a href="#">California</a>
Spud Date	<a href="#">1963-12-14</a>
County	<a href="#">Contra Costa County, CA</a>
Field	
Operator	<a href="#">(PN_not_set)</a>

Up

Down

S N W E



# Focus on Well of Interest

The screenshot displays a web browser window with three tabs labeled 'EGI Page 3', 'EGI Page 4', and 'EGI Page 5'. The active page is 'localhost:9235/well-formation-page'. The browser's address bar shows the URL. The page title is 'Well Formation Page' and the user is logged in as 'tom.hanks@hollywood.com'. The interface includes a menu bar with 'File', 'Database', 'Tools', and 'Help'. A 'Data' sidebar on the left contains a 'Selected Area' dropdown, a '4 records' indicator, and a list of well formation names. Below this is a 'Properties' section with a table of well details. The main area is a 3D geological model with a red box highlighting a specific well. The model has a vertical 'Up'/'Down' scale and a horizontal 'S'/'N'/'W'/'E' scale. A 'Toggle Base Terrain' button is visible in the top right of the model area.

**Data**

Selected Area

4 records

Well Formation Info

- + Terrain
- + Sub Terrain List
- + Well List
- Formation List
  - base Miocene-TOP
  - Domengine-TOP
  - Capay-TOP
  - D zone Margaret Hamilton-TOP
  - Meganos C-TOP
  - ? Gorge-TOP
  - Anderson-TOP
  - E zone Martinez sh and ss-TOP

Properties

Primary Name	401300275
Point	<a href="#">POINT</a>
Api	<a href="#">401300275</a>
Corrected Api	<a href="#">401300275</a>
Wellname	
Well Status	<a href="#">Plugged</a>
Well Type	<a href="#">Dry Hole</a>
State	<a href="#">California</a>
Spud Date	<a href="#">1963-12-14</a>
County	<a href="#">Contra Costa County, CA</a>
Field	
Operator	<a href="#">(PN not set)</a>

# Who Owns Land under Well of Interest?

Well Formation Page

tom.hanks@hollywood.com EGI CARBONPORTAL

M Toggle Base Terrain

**Data**

Selected Area

4 records

**Well Formation Info**

- + Terrain
- + Sub Terrain List
- + Well List
- Formation List
  - base Miocene-TOP
  - Domengine-TOP
  - Capay-TOP
  - D zone Margaret Hamilton-TOP
  - Meganos C-TOP
  - ? Gorge-TOP
  - Anderson-TOP
  - E zone Martinez sh and ss-TOP

**Properties**

Primary Name	Land Ownership #30885
Polygon	<a href="#">POLYGON</a>
Owner	<a href="#">California State Lands Commission</a>
Designation	<a href="#">Other State Lands</a>
Color	<a href="#">#e6759c</a>

Up

Down

S N W E

# What is First Formation under Well of Interest?

The screenshot displays the 'Well Formation Page' interface. On the left, a 'Data' panel shows a list of 4 records under 'Well Formation Info'. The 'Properties' section for the selected record is as follows:

Primary Name	Santa_Margarita-TOP
Formation Name	<a href="#">Santa_Margarita-TOP</a>

The main 3D view shows a geological model with a red box highlighting a well and its associated formation. The interface includes a 'Toggle Base Terrain' button and a vertical 'Up/Down' slider on the left. At the bottom, there are horizontal sliders for 'S' (South) and 'E' (East) directions.

# What other Formations (clipping plans)

The screenshot displays the 'Well Formation Page' interface. On the left, a 'Data' panel shows a list of formations under 'Well Formation Info'. The 'Properties' section for the selected 'Nortonville-TOP' formation is visible. The main 3D view shows a geological model with a red rectangular clipping plane. The interface includes a 'Toggle Base Terrain' button and a 'Well Formation' title. The browser address bar shows 'localhost:9235/well-formation-page'.

**Well Formation Page**

tom.hanks@hollywood.com **EGI** CARBONPORTAL

**Data**

Selected Area: 4 records

**Well Formation Info**

- + Terrain
- + Sub Terrain List
- + Well List
- Formation List
  - base Miocene-TOP
  - Domengine-TOP
  - Capay-TOP
  - D zone Margaret Hamilton-TOP
  - Meganos C-TOP
  - ? Gorge-TOP
  - Anderson-TOP
  - E zone Martinez sh and ss-TOP

**Properties**

Primary Name	Nortonville-TOP
Formation Name	Nortonville-TOP

Up

Down

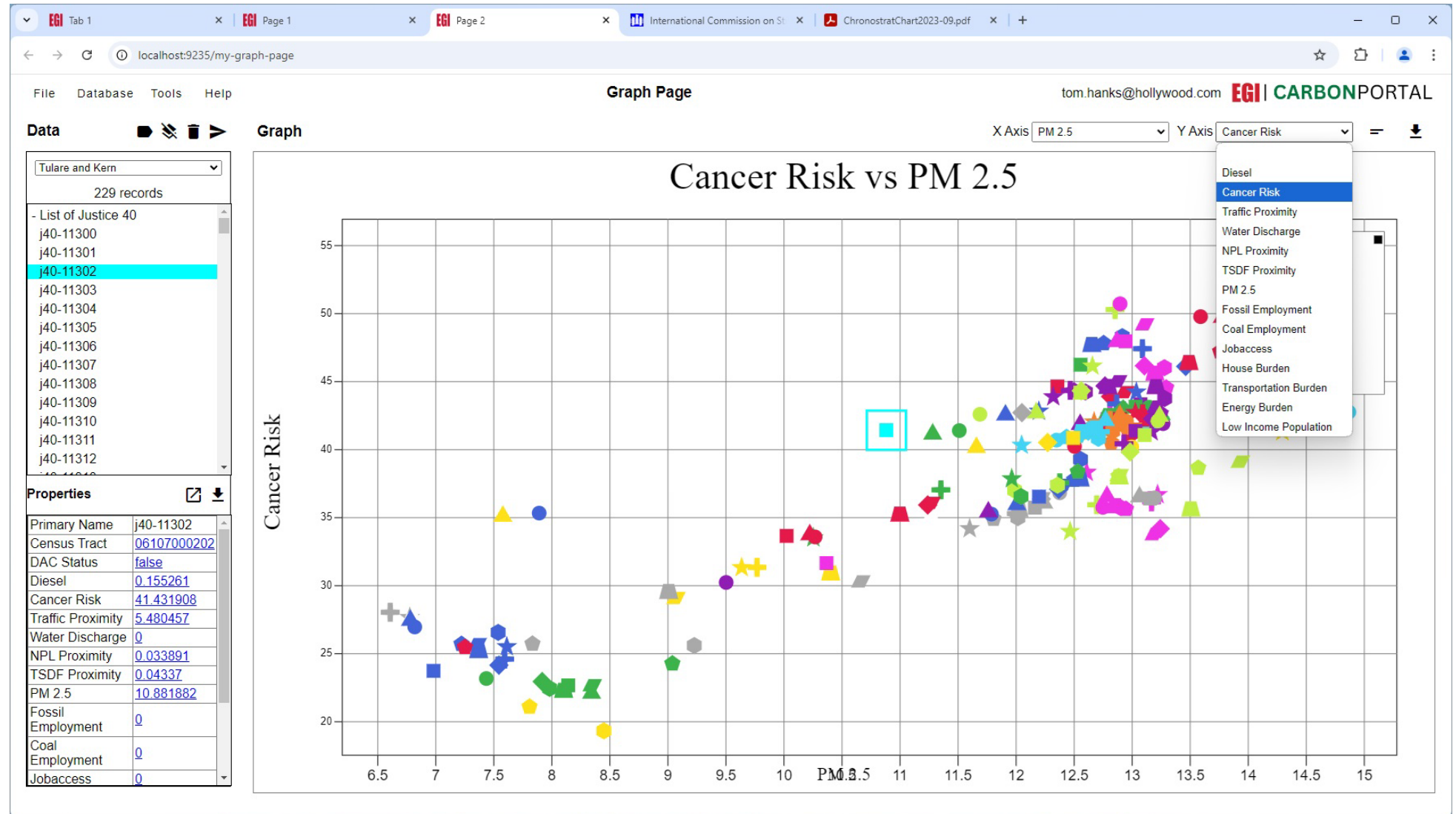
S N W E

# Scenario 3

Stakeholder wishes to look for correlations between Cancer and other Factors.

# Graph to find Correlations

Graph Page can be used to compare datasets such as PM 2.5 and Cancer throughout the US.

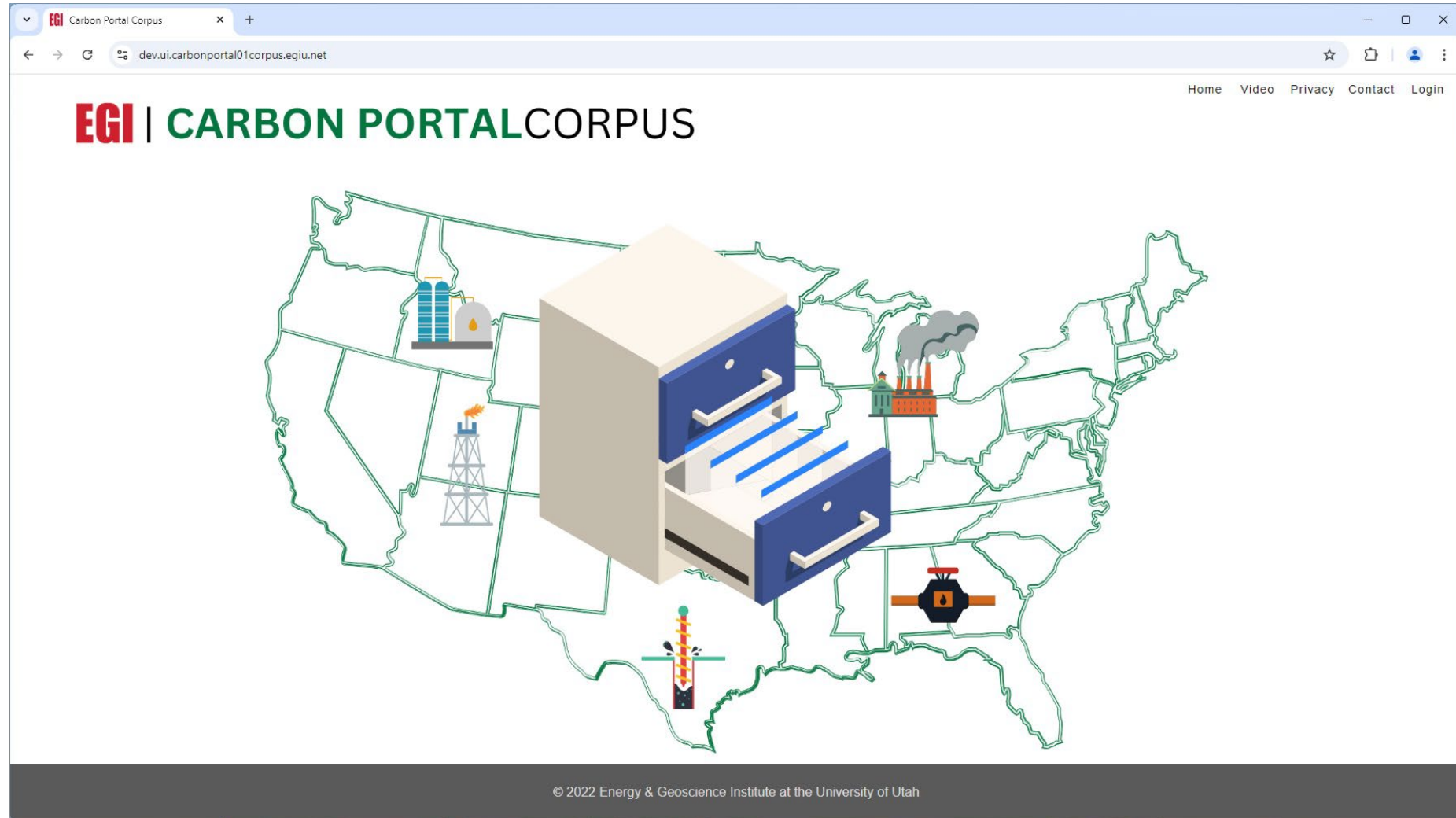


# Scenario 4

Stakeholder is a geoscientist who wishes to contribute to Carbon Portal.

# Data Contributing and Processing

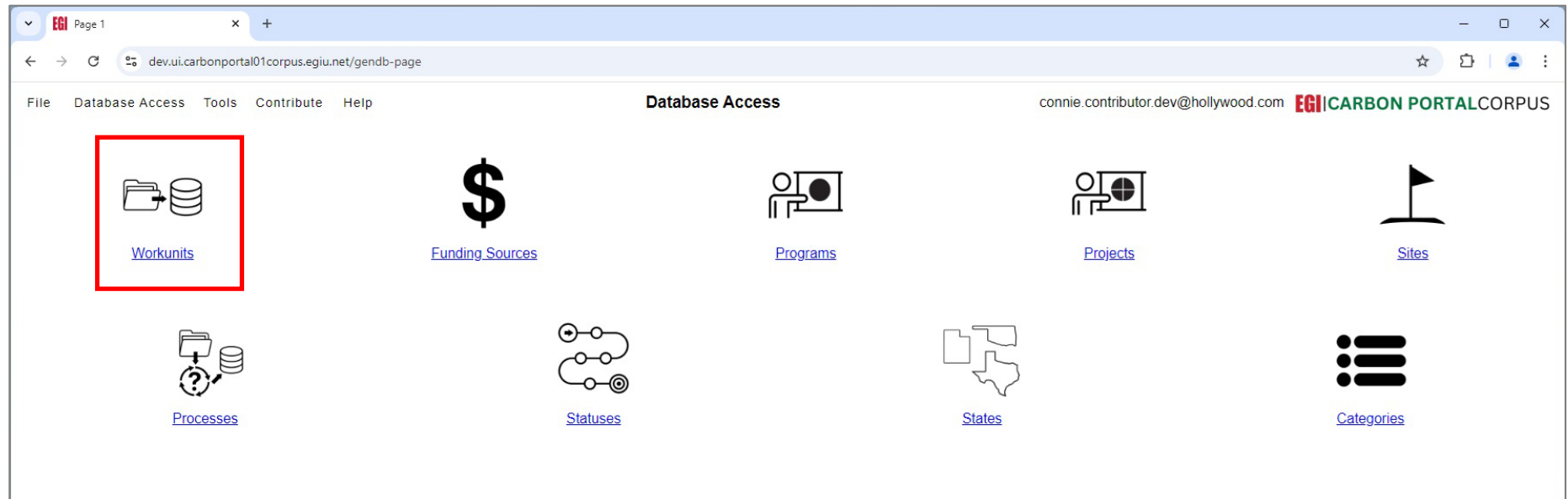
Carbon Portal stores all original files and documents for indexing





# Workunits

A workunit is the smallest unit that can be indexed



# Workunit Properties and Progress

EGI Page 1

dev.ui.carbonportal01.corpus.egi.net/workunit-vlist

File Database Access Tools Contribute Help

Database Access

connie.contributor.dev@hollywood.com EGI CARBON PORTALCORPUS

Workunit List

Items per page: 10 11 - 20 of 6630

	Primary Name	Program ↑	Funding Source	Project	Site	Contributor	Contribute Date	Contributor Suggested Mapping	Citation	Description	Directory	Process	Assigned To	Status	Comments	List Workunit Category	List Workunit State	List Workunit History
11	<a href="#">Workunit-6623</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06		Allegra Hof...	Formation Gr...	/CUSP/Calif...	Spreadshee	<a href="#">ivan.indexe</a>	Indexing Done		1	1	0
12	<a href="#">Workunit-6624</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06		Allegra Hof...	Formation Gr...	/CUSP/Calif...	Spreadshee	<a href="#">ivan.indexe</a>	Indexing Done		1	1	0
13	<a href="#">Workunit-6632</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06		Allegra Hof...	Formation Gr...	/CUSP/Calif...	Spreadshee		Indexing Done		1	1	0
14	<a href="#">Workunit-6633</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06		Allegra Hof...	Formation Gr...	/CUSP/Calif...	Spreadshee		Indexing Done		1	1	0
15	<a href="#">Workunit-14</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21			Aneth	/SWP/aneth...	Petrel				0	1	0
16	<a href="#">Workunit-6</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21			Aneth	/SWP/aneth...	Petrel				0	1	0
17	<a href="#">Workunit-15</a>	SWP	DOE			<a href="#">b.j.mcphers</a>	2023-08-21			Cofeyville	/SWP/kans...	Petrel				0	1	0
18	<a href="#">Workunit-7</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21			Aneth	/SWP/aneth...	Petrel				0	1	0
19	<a href="#">Workunit-12</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21			Aneth	/SWP/aneth...	Petrel				0	1	0
20	<a href="#">Workunit-13</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21			Aneth	/SWP/aneth...	Petrel				0	1	0

# Citations are Stored

EGI Page 1  
dev.ui.carbonportal01corpus.egi.net/workunit-vlist

File Database Access Tools Contribute Help Database Access connie.contributor.dev@hollywood.com EGI CARBON PORTALCORPUS

Workunit List Items per page: 10 11 - 20 of 6630

	Primary Name	Program ↑	Funding Source	Project	Site	Contributor	Contribute Date	Contributor Suggested Mapping	Citation	Description	Directory	Process	Assigned To	Status	Comments	List Workunit Category	List Workunit State	List Workunit History
11	<a href="#">Workunit-6623</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06		<a href="#">Allegra Hosf...</a>	<a href="#">Formation Gr...</a>	<a href="#">/CUSP/Calif...</a>	Spreadshee	<a href="#">ivan.indexe</a>	Indexing Done		1	1	0
12	<a href="#">Workunit-6624</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06		<a href="#">Allegra Hosf...</a>	<a href="#">Formation Gr...</a>	<a href="#">/CUSP/Calif...</a>	Spreadshee	<a href="#">ivan.indexe</a>	Indexing Done		1	1	0
13	<a href="#">Workunit-6632</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06					Spreadshee		Indexing Done		1	1	0
14	<a href="#">Workunit-6633</a>	CUSP	DOE		San Joaquin Valley	<a href="#">b.j.mcphers</a>	2023-11-06					Spreadshee		Indexing Done		1	1	0
15	<a href="#">Workunit-14</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21					Petrel				0	1	0
16	<a href="#">Workunit-6</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21					Petrel				0	1	0
17	<a href="#">Workunit-15</a>	SWP	DOE			<a href="#">b.j.mcphers</a>	2023-08-21					Petrel				0	1	0
18	<a href="#">Workunit-7</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21					Petrel				0	1	0
19	<a href="#">Workunit-12</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21			Aneth	<a href="#">/SWP/aneth...</a>	Petrel				0	1	0
20	<a href="#">Workunit-13</a>	SWP	DOE		Aneth Field, Utah	<a href="#">b.j.mcphers</a>	2023-08-21			Aneth	<a href="#">/SWP/aneth...</a>	Petrel				0	1	0

Citation

Allegra Hosford Scheirer (2003). The Three-Dimensional Geologic Model Used for the 2003 National Oil and Gas Assessment of the San Joaquin Basin Province, California, <https://doi.org/10.3133/pp17137>

# Permanent Location of Original Data

EGI Page 1  
dev.ui.carbonportal01.corpus.egi.net/workunit-vlist

File Database Access Tools Contribute Help

Database Access

connie.contributor.dev@hollywood.com EGI CARBON PORTAL CORPUS

Workunit List

Items per page: 10 11 - 20 of 6630

	Primary Name	Program ↑	Funding Source	Project	Site	Contributor	Contribute Date	Contributor Suggested Mapping	Citation	Description	Directory	Process	Assigned To	Status	Comments	List Workunit Category	List Workunit State	List Workunit History
11	<a href="#">Workunit-6623</a>	<a href="#">CUSP</a>	<a href="#">DOE</a>		<a href="#">San Joaquin Valley</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-11-06</a>		<a href="#">Allegra Hosf...</a>	<a href="#">Formation Gr...</a>	<a href="#">/CUSP/Calif...</a>	<a href="#">Spreadsheet</a>	<a href="#">ivan.indexer</a>	<a href="#">Indexing Done</a>		1	1	0
12	<a href="#">Workunit-6624</a>	<a href="#">CUSP</a>	<a href="#">DOE</a>		<a href="#">San Joaquin Valley</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-11-06</a>		<a href="#">Allegra Hosf...</a>	<a href="#">Formation Gr...</a>	<a href="#">/CUSP/Calif...</a>	<a href="#">Spreadsheet</a>	<a href="#">ivan.indexer</a>	<a href="#">Indexing Done</a>		1	1	0
13	<a href="#">Workunit-6632</a>	<a href="#">CUSP</a>	<a href="#">DOE</a>		<a href="#">San Joaquin Valley</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-11-06</a>		<a href="#">Allegra Hosf...</a>	<a href="#">Formation Gr...</a>	<a href="#">/CUSP/Calif...</a>	<a href="#">Spreadsheet</a>	<a href="#">ivan.indexer</a>	<a href="#">Indexing Done</a>		1	1	0
14	<a href="#">Workunit-6633</a>	<a href="#">CUSP</a>	<a href="#">DOE</a>		<a href="#">San Joaquin Valley</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-11-06</a>		<a href="#">Allegra Hosf...</a>	<a href="#">Formation Gr...</a>	<a href="#">/CUSP/Calif...</a>	<a href="#">Spreadsheet</a>	<a href="#">ivan.indexer</a>	<a href="#">Indexing Done</a>		1	1	0
15	<a href="#">Workunit-14</a>	<a href="#">SWP</a>	<a href="#">DOE</a>		<a href="#">Aneth Field, Utah</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-08-21</a>			<a href="#">ExportEVgrids/nov14_NMKR_regrid.GRZS.2grd.csv</a>	<a href="#">/SWP/aneth...</a>	<a href="#">Petrel</a>				0	1	0
16	<a href="#">Workunit-6</a>	<a href="#">SWP</a>	<a href="#">DOE</a>		<a href="#">Aneth Field, Utah</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-08-21</a>				<a href="#">/SWP/aneth...</a>	<a href="#">Petrel</a>				0	1	0
17	<a href="#">Workunit-15</a>	<a href="#">SWP</a>	<a href="#">DOE</a>		<a href="#">Aneth Field, Utah</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-08-21</a>				<a href="#">/SWP/aneth...</a>	<a href="#">Petrel</a>				0	1	0
18	<a href="#">Workunit-7</a>	<a href="#">SWP</a>	<a href="#">DOE</a>		<a href="#">Aneth Field, Utah</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-08-21</a>				<a href="#">/SWP/aneth...</a>	<a href="#">Petrel</a>				0	1	0
19	<a href="#">Workunit-12</a>	<a href="#">SWP</a>	<a href="#">DOE</a>		<a href="#">Aneth Field, Utah</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-08-21</a>			<a href="#">Aneth</a>	<a href="#">/SWP/aneth...</a>	<a href="#">Petrel</a>				0	1	0
20	<a href="#">Workunit-13</a>	<a href="#">SWP</a>	<a href="#">DOE</a>		<a href="#">Aneth Field, Utah</a>	<a href="#">b.j.mcphers</a>	<a href="#">2023-08-21</a>			<a href="#">Aneth</a>	<a href="#">/SWP/aneth...</a>	<a href="#">Petrel</a>				0	1	0

Directory

/CUSP/California/San Joaquin/formation/great\_valley/XYZ-StatePlan3-NAD27-ExportEVgrids/nov14\_NMKR\_regrid.GRZS.2grd.csv

# Stakeholders can Request to Contribute

The screenshot shows a web browser window with the URL `dev.ui.carbonportal01corpus.egi.net/workunit-vlist`. The page title is "Database Access" and the user is logged in as `connie.contributor.dev@hollywood.com`. The page displays a "Workunit List" table with 20 rows. A red box highlights the "Contribute" menu item in the top navigation bar, which has a dropdown menu with two options: "Request to Contribute" and "Contribute".

	Primary Name	Program	Funding	Project	Site	Contributor	Contribute Date	Contributor Suggested Mapping	Citation	Description	Directory	Process	Assigned To	Status	Comments	List Workunit Category	List Workunit State	List Workunit History
11	<a href="#">Workunit-6623</a>	CUSP	DOE		San Joaquin Valley	b.j.mcphers	2023-11-06		Allegra Hosf...	Formation Gr...	/CUSP/Calli...	Spreadshee	ivan.indexe	Indexing Done		1	1	0
12	<a href="#">Workunit-6624</a>	CUSP	DOE		San Joaquin Valley	b.j.mcphers	2023-11-06		Allegra Hosf...	Formation Gr...	/CUSP/Calli...	Spreadshee	ivan.indexe	Indexing Done		1	1	0
13	<a href="#">Workunit-6632</a>	CUSP	DOE		San Joaquin Valley	b.j.mcphers	2023-11-06		Allegra Hosf...	Formation Gr...	/CUSP/Calli...	Spreadshee		Indexing Done		1	1	0
14	<a href="#">Workunit-6633</a>	CUSP	DOE		San Joaquin Valley	b.j.mcphers	2023-11-06		Allegra Hosf...	Formation Gr...	/CUSP/Calli...	Spreadshee		Indexing Done		1	1	0
15	<a href="#">Workunit-14</a>	SWP	DOE		Aneth Field, Utah	b.j.mcphers	2023-08-21			Aneth	/SWP/aneth	Petrel				0	1	0
16	<a href="#">Workunit-6</a>	SWP	DOE		Aneth Field, Utah	b.j.mcphers	2023-08-21			Aneth	/SWP/aneth	Petrel				0	1	0
17	<a href="#">Workunit-15</a>	SWP	DOE			b.j.mcphers	2023-08-21			Cofeyville	/SWP/kans	Petrel				0	1	0
18	<a href="#">Workunit-7</a>	SWP	DOE		Aneth Field, Utah	b.j.mcphers	2023-08-21			Aneth	/SWP/aneth	Petrel				0	1	0
19	<a href="#">Workunit-12</a>	SWP	DOE		Aneth Field, Utah	b.j.mcphers	2023-08-21			Aneth	/SWP/aneth	Petrel				0	1	0
20	<a href="#">Workunit-13</a>	SWP	DOE		Aneth Field, Utah	b.j.mcphers	2023-08-21			Aneth	/SWP/aneth	Petrel				0	1	0

# Upload files and describe topic

The screenshot shows a web browser window with the URL `dev.ui.carbonportal01.corpus.egiu.net/contribute-page`. The page title is "Contribute to Carbon Portal". The navigation menu includes "File", "Database Access", "Tools", "Contribute", and "Help". The user is logged in as `connie.contributor.dev@hollywood.com`. The main content area is divided into two sections:

- Your Uploaded Files:** A table with one entry: `well10.xlsx`. A "Drop Files" button is visible on the left side of this section.
- Where will your data go into our database?:** A table with a vertical scrollbar on the right. It lists categories with checkboxes:

Category	Selected
formation	<input checked="" type="checkbox"/>
justice_40	<input type="checkbox"/>
land_ownership	<input type="checkbox"/>
operator	<input type="checkbox"/>
project	<input type="checkbox"/>
state	<input type="checkbox"/>
tribal_area	<input type="checkbox"/>
well	<input checked="" type="checkbox"/>

Below the tables, there is a text prompt: "Click on a file to help us more."

# Upload files, Give Column-by-Column Instructions

The screenshot shows a web browser window with the URL `dev.ui.carbonportal01.corpus.egiu.net/contribute-page`. The page title is "Contribute to Carbon Portal" and the user is logged in as `connie.contributor.dev@hollywood.com`. The interface is divided into several sections:

- Your Uploaded Files:** A list containing one file, `well10.xlsx`, highlighted in cyan. A "Drop Files" button is visible on the left.
- Where will your data go into our database?:** A table with columns for database table names and checkboxes. The `formation` and `well` tables are selected.
- Can you tell us where each column goes?:** A section for mapping file columns to database columns. It includes a table with file columns and a table with database columns.

The mapping table shows the following data:

Column in file	Table in database	Column in database
API	well	api
Point	well	location
Operator	operator	name

A red rectangle highlights an empty input field in the mapping table, indicating where a new mapping can be added.

# Conclusion

- With the CarbonPortal system, the Stakeholder can:
  - Perform advanced queries without coding knowledge
  - Create advanced data visualizations easily (maps, xy-plots, tables, ...)
  - Visualize data three-dimensionally
  - Scan for correlations without expertise in statistics
  - View spatial and temporal relationships of traditionally unrelated data (Ex: Geology, Industry, Political)
  - Report on the source of all data through a bibliography generation (MyBibliography)
  - Scaling: Subjects, Data, Visualizations and Tools can be added indefinitely
  
- CUSP DB Future:
  - 16 CUSP workunits have so far been processed
  - The CORPUS is full of more CUSP workunits ready to process
  - Waiting for YOU to send more!





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