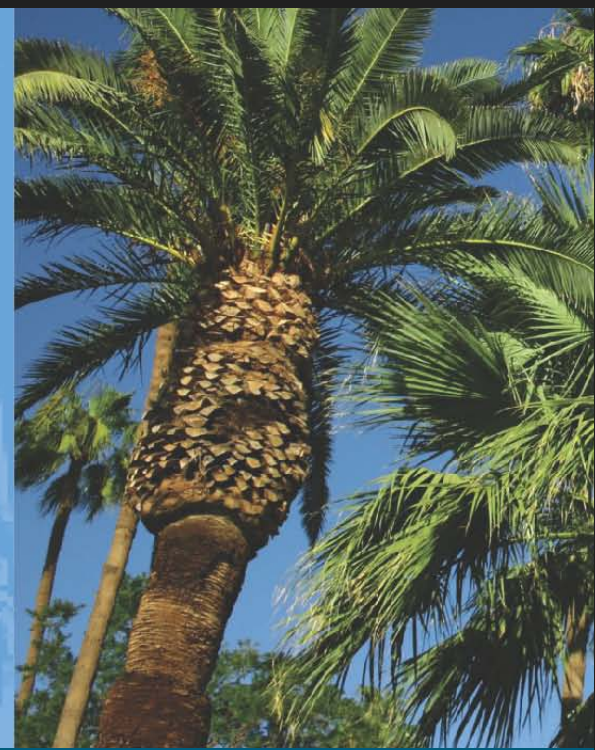


Los Angeles Gateway Region
Integrated Water Management Joint Powers Authority



Development of the Integrated Regional Water Management Plan

October 2012





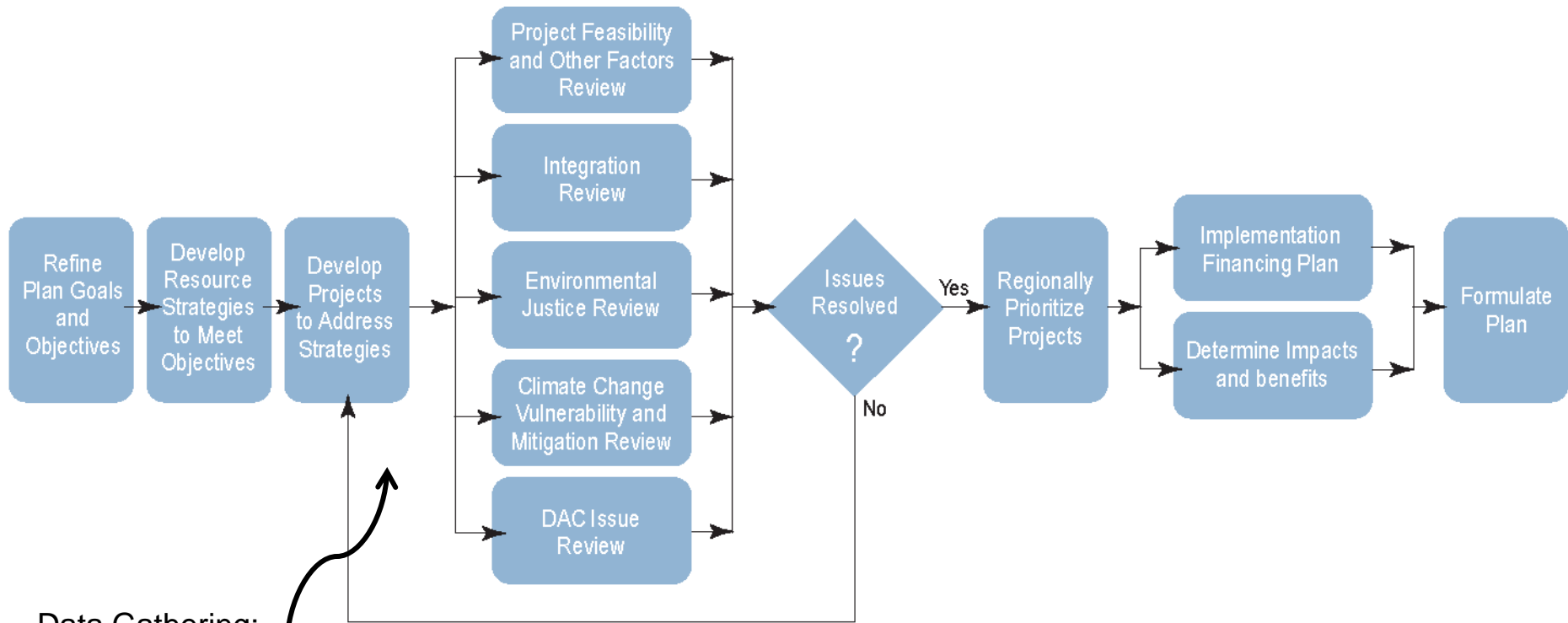
Stakeholder Meeting Agenda

1. Introductions
2. Status of Project Submittals and Review
3. Database Demonstration
4. Next Steps
5. Questions

Introductions



IRWMP Development Process:



Data Gathering:

Water balance
Storm water Issues
Water quality data
Review groundwater
monitoring

Project Information Form



Los Angeles Gateway Region Integrated Regional Water Management Joint Powers Authority
Integrated Regional Water Management Plan

Project Information Form

<http://www.gatewayirwmp.org/>

PURPOSE

The Project Information Form is to be used by project sponsors to submit proposed projects to the Los Angeles Gateway Region Integrated Water Management Joint Powers Authority (GWMA) to be considered for inclusion in the Gateway Region Integrated Regional Water Management Plan (IRWMP). Submitted Projects should help the Region meet the IRWMP goals and objectives. Projects that may seek funding from Proposition 84, Proposition 1E, or other State sources must be included in the Gateway Region IRWMP to qualify for grant funding.

INTRODUCTION

To submit a project for inclusion into the Gateway IRWMP, please complete this form and submit (button on top of this page) or send it as an e-mail attachment to GatewayIRWMP@qeiconsultants.com. It is recommended that you print a copy of this form for reference as you complete the document. Project sponsors may find it helpful to first prepare the responses using word processing software, then cut and paste final responses into this form. Please note, anyone with the free Adobe Reader (located at: <http://get.adobe.com/reader/>) or Adobe Acrobat Version 8.1 or later can fill out, save, and submit this form.

1. Each proposed project requires a separate form.
2. If the fields of the form are not highlighted, please click on the "Highlight Fields" button on the upper right hand corner of the form. This will highlight all fields to be filled out. *Please note, fields outlined in red must be completed to submit the form.* You can either click on the field to enter data or use the Tab button to tab through the form.
3. To fill out a text field (i.e., a paragraph descriptor or address information), click the cursor in the field and type the necessary information. Some text is highlighted in **red**; these indicate questions that have further instruction. Place the cursor over the question and a box will pop up with that instruction. Help information is also listed at the back of this form.



Status of Project Submittals

- 56 Projects were submitted as of 3:00 pm Oct 4

City/Agency	No. of Projects
Central Basin Municipal Water District	2
City of Bellflower	1
City of Bellflower Municipal Water System	1
City of Downey	5
City of La Mirada	1
City of Lakewood	1
City of Lynwood	1
City of Norwalk	7
City of Paramount	9
City of Pico Rivera	2
City of Signal Hill	7
City of South Gate	6
City of Vernon	7
Gateway	1
GEOSCIENCE Support Services, Inc.	4
Long Beach Water Department	1



Project Types

- Submitted Projects

- Infrastructure 6
- Conservation 4
- Water Quality 16 (4 Geoscience)
- Recycling 4
- Wells 9
- Flood/storm drains 10 (Paramount 5)
- Interties 4
- Parks 3
- Storage 2



Status of Project Submittals

- Total Estimated Costs
 - 18 Projects did not provide total cost estimates
 - Maximum Total Estimated Cost provided: \$15M
 - Minimum Total Estimated Cost provided: \$70K
 - Average Total Estimated Cost provided: \$3.0M
 - Total Estimated Cost: \$114,783,000
 - 50% of projects are estimated to cost less than \$4M

Status of Project Submittals—Project Listing

ID	Project Title	Partnering Agencies	Submitting Agency
1	Pico Rivera Emergency Intertie	Pico Water District	City of Pico Rivera
20	SCADA and Automation	City of Pico Rivera	City of Pico Rivera
22	Small System Infrastructure Rehabilitation Project	CBMWD and local retail water cities and agencies in DAC areas	Central Basin Municipal Water District
37	Disadvantaged Communities Schools Retrofit Program	CBMWD and MWD, local cities, retail agencies and various school districts.	Central Basin Municipal Water District
24	Bellflower NPDES Permit and TMDL Compliance Stormwater Improvements	City of Bellflower	City of Bellflower
13	Bellflower Municipal Water Distribution System Reconstruction		City of Bellflower Municipal Water System
3	Furman Park/Rio Hondo Elementary School Recycled Water Main Extension and Irrigation System Improvement Project		City of Downey
11	New Groundwater Well		City of Downey
17	Outfall Monitoring	Cerritos, Downey, Hawaiian Gardens, Norwalk, Signal Hill, South Gate, Lynwood, Long Beach, Lakewood	City of Downey
21	Shallow Wells Abandonment		City of Downey

Status of Project Submittals—Project Listing

ID	Project Title	Partnering Agencies	Submitting Agency
33	Catch Basin Trash Inserts and Face Plate Screens	Downey, Norwalk, Hawaiian Gardens, Lakewood	City of Downey
30	Storm Drain Improvements in the City of La Mirada		City of La Mirada
32	West San Gabriel River Parkway Phase 3 Development	City of Lakewood, Southern California Edison Company and L.A. County Public Works	City of Lakewood
39	Fernwood Water Improvement Park	City of Lynwood	City of Lynwood
5	Hermosillo Park Well - Well No. 9 and water mains	City of Norwalk	City of Norwalk
6	Installation of Catch Basin - Screening Devices (ARS/CPS)	City of Norwalk	City of Norwalk
15	Norwalk Park Reservoir and Booster Pump Station	City of Norwalk - could expand to City of Bellflower/Santa Fe Springs	City of Norwalk
16	Norwalk Water Main/Meter Replacements - Gridley to Maidstone	City of Norwalk	City of Norwalk
19	Potable Water Interconnections- Bloomfield x Hayford and Pioneer x Lakeland	City of Norwalk	City of Norwalk
23	Splash Pad/Spray and Wading Pool Retrofit	Other agencies may participate including the Water Replenishment District	City of Norwalk



Status of Project Submittals—Project Listing

ID	Project Title	Partnering Agencies	Submitting Agency
36	Coyote Creek Irrigation Runoff Reduction Program	City of Norwalk, City of Lakewood, and City of Bellflower	City of Norwalk
10	MWD West Coast Feeder Connection and Transmission Main	City of Paramount	City of Paramount
12	New Water Well	City of Paramount	City of Paramount
14	New Water Well	City of Paramount	City of Paramount
25	Storm Drain Improvement Project Zone 4	City of Paramount	City of Paramount
26	Storm Drain Improvement Project Zone 2	City of Paramount	City of Paramount
27	Storm Drain Improvement Project Zone 3	City of Paramount	City of Paramount
28	Storm Drain Improvement Project Zone 6	City of Paramount	City of Paramount
29	Storm Drain Improvement Project Zone 7	City of Paramount	City of Paramount
38	Emergency Water Connection Improvements	City of Paramount	City of Paramount



Status of Project Submittals—Project Listing

ID	Project Title	Partnering Agencies	Submitting Agency
2	Advance Groundwater Wellhead Treatment Facility		City of Signal Hill
4	Groundwater Well Supple Reliability Project		City of Signal Hill
7	Los Angeles River Estuary Bacteria TMDL - Southeast Area Low Flow Diversion		City of Signal Hill
8	Los Angeles River Estuary Bacteria TMDL - Southwest Area Low Flow Diversion		City of Signal Hill
9	Los Cerritos Channel Metals TMDL - Low Flow Diversion		City of Signal Hill
34	Cha'wot Open Space Preservation and Stormwater Runoff Reduction		City of Signal Hill
35	City of Signal Hill Recycled Water System		City of Signal Hill
51	Cesar Chavez Park Recycled Water irrigation Project	City of South Gate, Central Basin Municipal Water District	City of South Gate
52	Firestone Blvd. Median Project	City of South Gate/Central Basin Municipal Water District	City of South Gate
53	South Gate Park Recycled Water Conversion project	City of South Gate/Central Basin Municipal Water District	City of South Gate



Status of Project Submittals—Project Listing

ID	Project Title	Partnering Agencies	Submitting Agency
54	Tree Well Dry Weather Runoff and First Flow Storm Water Capture/TMDL Project	City of South Gate/??	City of South Gate
55	Well 25 Replacement	City of South Gate	City of South Gate
56	Storm Drain Improvements- The Manor and Salt Lake and Wood Avenues.	City of South Gate	City of South Gate
31	Well 21 Conversion Project		City of Vernon
45	57th Street Storm Drain Improvement Project		City of Vernon
46	55th Street Storm Drain Improvement Project		City of Vernon
47	District Boulevard Storm Drain Improvement Project		City of Vernon
48	Vernon Catch Basin Trash Inserts and Face Plate Screen Project		City of Vernon
49	Production Well 22		City of Vernon
50	Vernon Outfall Monitoring Project		City of Vernon



Status of Project Submittals—Project Listing

ID	Project Title	Partnering Agencies	Submitting Agency
44	Optimization of Strategies to Reduce Stormwater Impacts on Surface Water Quality based on Cost-Effectiveness	Gateway IRWMP	Gateway
40	Monitoring of Activities Surrounding the Omega Chemical Corporation Superfund Site		GEOSCIENCE Support Services, Inc.
41	Addition and/or Expansion of Arsenic Treatment for Ground Water Extracted from the Pressure Zone of the Central Basin		GEOSCIENCE Support Services, Inc.
42	Addition and/or Expansion of Color Treatment for Ground Water Extracted from the Pressure Zone of the Central Basin	Lynwood	GEOSCIENCE Support Services, Inc.
43	Addition of 1,4-Dioxane Treatment for Ground Water Extracted from the Central Basin		GEOSCIENCE Support Services, Inc.
18	Pilot Plant for Treatment of Los Angeles River Water	Long Beach Water Department	Long Beach Water Department



Questions?

Gateway Interactive Map Viewer

Gateway Interactive Map Viewer - Windows Internet Explorer

http://arcsis02.geiconsultants.com/gateway2/gis/

File Edit View Favorites Tools Help

Convert Select

Favorites Free Hotmail Suggested Sites Web Slice Gallery

Gateway Interactive Map Viewer

Los Angeles Gateway Region Integrated Regional Water Management Joint Powers Authority
Integrated Regional Water Management Plan

Gateway

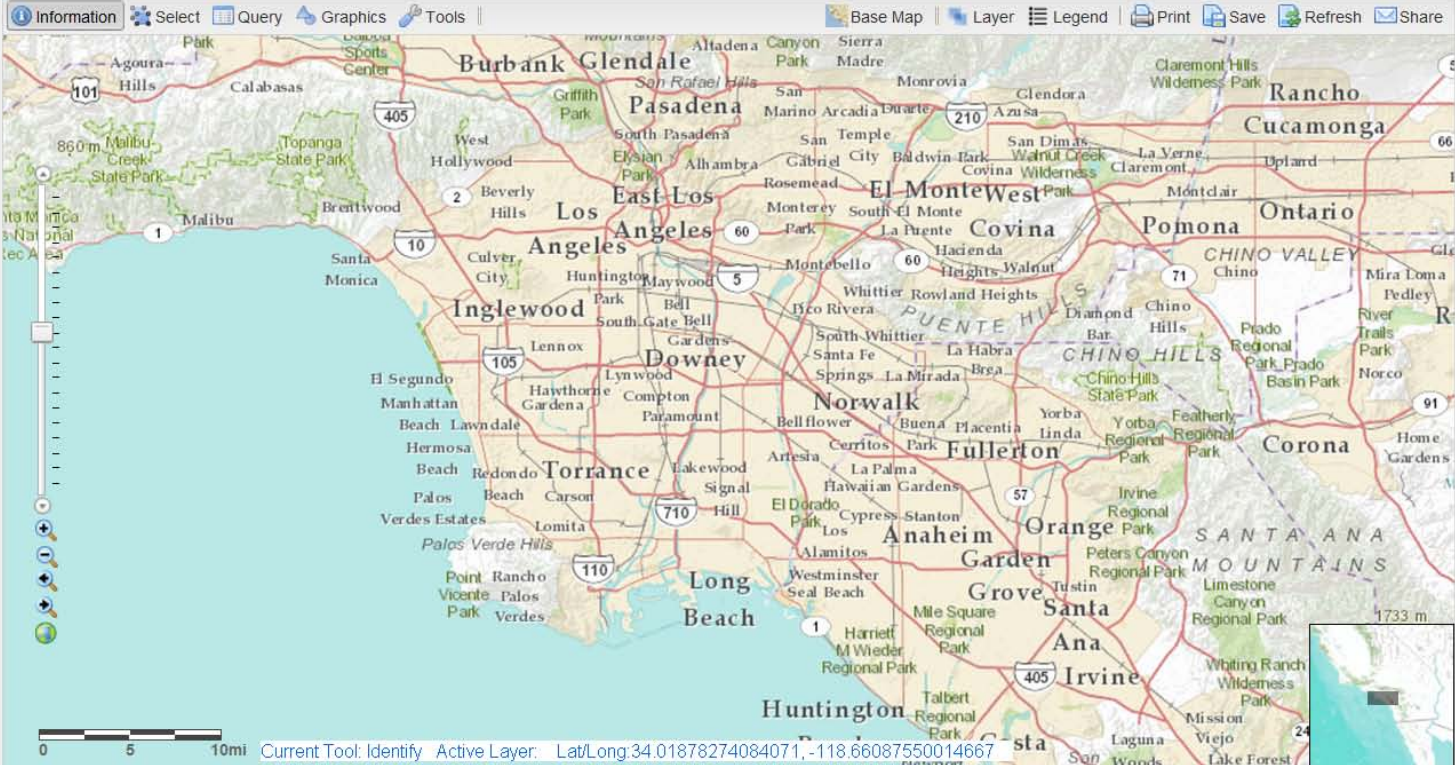
Information Select Query Graphics Tools

Base Map Layer Legend Print Save Refresh Share

Search for enter keywords here... Search

Gateway Information

Right click on the layer name to have more options.
Click on the layer to set it active.
Click the layer name, hold and drag to order the layers.



Map showing the Los Angeles Gateway Region, including cities like Burbank, Glendale, Pasadena, Los Angeles, Inglewood, Downey, Norwalk, Fullerton, Orange, and Anaheim. Major highways (101, 405, 10, 60, 5, 710, 110, 405) and parks (Griffith Park, Topanga State Park, Chino Hills State Park, etc.) are visible. A scale bar indicates 0 to 10 miles. Current Tool: Identify Active Layer: Lat/Long: 34.01878274084071, -118.66087550014667

Trusted sites | Protected Mode: Off 125%

Basic Features: Basemap Options

The screenshot displays a GIS application interface. At the top, a menu bar includes 'Information', 'Select', 'Query', 'Graphics', and 'Tools'. A red box highlights the 'Base Map' button in the top right corner. Below the menu bar is a toolbar with various drawing tools like 'Extent', 'Free Polygon', 'Point', 'In Feature', 'Line', 'Free Line', 'Polyline', 'Polygon', 'Arrow', 'Triangle', 'Circle', 'Ellipse', and 'Clear Select'. The main map area shows a detailed view of Los Angeles, California, with various city names and geographical features. A scale bar at the bottom left indicates 0, 5, and 10 miles. At the bottom, a status bar shows 'Current Tool: Identify', 'Active Layer: Disadvantaged Community (LA)', and 'Lat/Long: 34.153559084711546, -117.42422694057622'. On the right side, a 'Base Map Gallery' panel is open, displaying a grid of nine map style thumbnails with their respective labels: Imagery, Imagery with Labels, Streets, Topographic, Terrain with Labels, Light Gray Canvas, National Geographic, Oceans, and OpenStreetMap.

Information Select Query Graphics Tools || Base Map Layer Legend Print Save Refresh

Extent Free Polygon Point In Feature Line Free Line Polyline Polygon Arrow Triangle Circle Ellipse Clear Select

Base Map Gallery

- Imagery
- Imagery with Labels
- Streets
- Topographic
- Terrain with Labels
- Light Gray Canvas
- National Geographic
- Oceans
- OpenStreetMap

Current Tool: Identify Active Layer: Disadvantaged Community (LA) Lat/Long: 34.153559084711546, -117.42422694057622

Basic Features: Layer

The screenshot displays a GIS application interface. At the top, there is a menu bar with options: Information, Select, Query, Graphics, Tools, Base Map, Layer (highlighted with a red box), Legend, Print, Save, and Refresh. The main map area shows a detailed view of Los Angeles and surrounding areas, including cities like Burbank, Pasadena, Glendale, and Long Beach. A scale bar at the bottom left indicates 0, 5, and 10 miles. A status bar at the bottom center reads: "Current Tool: Identify Active Layer: Disadvantaged Community (LA) Lat/Long: 33.92254546827167, -118.32098597377968".

The 'Layer' panel on the right side of the map contains the following layers and their status:

- Layer
- Project Sites
- IRWM Project Boundary
- Gateway
- Contaminated Site
- Regional Water Quality
- Storm Water Pollutant Loading Factor
- Storm Water Maps
 - WQ Problem Areas
 - Runoff Contribution Factor
 - Flood Survey Response
 - Flood Control Prolem Areas
- CLD Data
- Watershed
- Base Data
- CDEC Stations
- USGS CA Stations

Basic Features: Legend

The screenshot displays a GIS application interface. At the top, a menu bar includes 'Information', 'Select', 'Query', 'Graphics', 'Tools', 'Base Map', 'Layer', 'Legend', 'Print', 'Save', and 'Refresh'. The 'Legend' button is highlighted with a red box. The main map area shows a satellite-style view of Los Angeles with various colored circles representing data points. A legend window on the left, titled 'Legend', lists 'Flood Survey Response' categories with corresponding colored circles: mild/heavy (green), mild/moderate (yellow), mild/mild (red), moderate/heavy (green), moderate/moderate (yellow), moderate/mild (red), severe/heavy (green), severe/moderate (yellow), and severe/mild (red). A 'Layer' control panel on the right lists several layers, with 'Gateway', 'Contaminated Site', 'Regional Water Quality', 'Storm Water Pollutant Loading Factor', 'Storm Water Maps', 'CLD Data', 'Watershed', and 'Base Data' checked. A status bar at the bottom indicates 'Current Tool: Identify', 'Active Layer: Disadvantaged Community (LA)', and 'Lat/Long: 33.89177214596495, -117.44482630581061'. A scale bar at the bottom left shows 0, 5, and 10 miles.

Information Select Query Graphics Tools Base Map Layer Legend Print Save Refresh

Legend

Legend

Flood Survey Response

- mild, heavy
- mild, moderate
- mild, mild
- moderate, heavy
- moderate, moderate
- moderate, mild
- severe, heavy
- severe, Moderate
- severe, moderate
- severe, mild

Layer

- Project Sites
- IRWM Project Boundary
- Gateway
- Contaminated Site
- Regional Water Quality
- Storm Water Pollutant Loading Factor
- Storm Water Maps
 - WQ Problem Areas
 - Runoff Contribution Factor
 - Flood Survey Response
 - Flood Control Prolem Areas
- CLD Data
- Watershed
- Base Data
 - CDEC Stations
 - USGS CA Stations

0 5 10mi Current Tool: Identify Active Layer: Disadvantaged Community (LA) Lat/Long: 33.89177214596495, -117.44482630581061

Basic Features: Print

The screenshot displays a GIS application window with a map of the Los Angeles region. The map shows a central area highlighted in orange and yellow, representing the IRWM Project Boundary. The 'Print' button in the top toolbar is highlighted with a red rectangle. The 'Layer' panel on the right lists the following layers:

- Layer
 - Project Sites
 - IRWM Project Boundary
 - Gateway
 - Contaminated Site
 - Regional Water Quality
 - Storm Water Maps
 - Storm Water Pollutant Loading Factor
 - Fecal Coliform
 - Copper
 - Total Suspended Solids
 - Total Nitrogen
 - Total Phosphorus
 - Lead
 - Zinc
 - CLD Data
 - Watershed
 - Base Data
 - CDEC Stations
 - USGS CA Stations

The status bar at the bottom indicates: Current Tool: Identify Active Layer: Lat/Long:34.0665761132905, -118.27360743374026

Basic Features: Print

Print Preview

1 Page View 100%

The map displays population density in Southern California. The legend indicates five density ranges: 1.0-4.5x (lightest), 4.5-6.7x, 6.7-9.5x, 9.5-12.5x, and 12.5-16.7x (darkest). The highest density areas are concentrated in the Los Angeles basin, including Los Angeles, Long Beach, and Redondo Beach. Other cities shown include Lancaster, Palmdale, Victorville, Santa Clarita, Simi Valley, Oaks, Santa Monica, West Covina, Highland, Redlands, Corona, Riverside, Perris, Santa Ana, Lake Forest, Rancho Santa Margarita, Laguna Niguel, San Clemente, Murrieta, and Oceanside. The map also shows the Pacific and Santa Ana Oceans.

Legend

- 1.0-4.5x
- 4.5-6.7x
- 6.7-9.5x
- 9.5-12.5x
- 12.5-16.7x

Gateway Water Management Authority
IRWMP

0 10 20mi

Source: [Enter source name]

Projection: Albers
Zone: [Enter zone]
Units: [Enter units]

Prepared By: [Enter name here] Figure: [Enter figure number]

Job No.: [Enter job number] Date: Oct 10 2012

File: [Enter file name]

Page 1 of 1

Basic Features: Save

The screenshot displays a GIS application interface with a map of a coastal area. The map shows several colored regions representing different flood control problem areas. A legend on the left side of the map provides the following information:

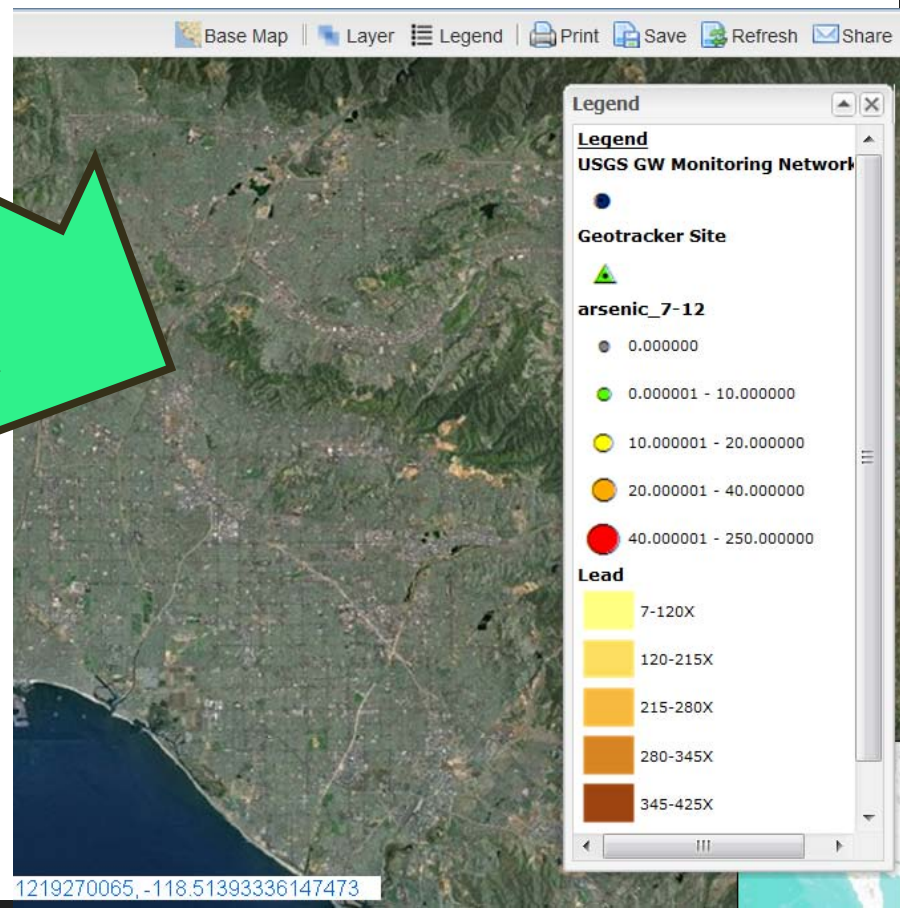
Legend	
Flood Control Problem Areas	
■	Flood/Stormwater Control Problem Area 1
■	Flood/Stormwater Control Problem Area 2
■	Flood/Stormwater Control Problem Area 3
■	Flood/Stormwater Control Problem Area 4
■	No Flooding Reported

On the right side, a 'Layer' panel lists various data layers with checkboxes:

- Layer
- Project Sites
- IRWM Project Boundary
- Gateway
- Contaminated Site
- Regional Water Quality
- Storm Water Maps
 - WQ Problem Areas
 - Runoff Contribution Factor
 - Flood Survey Response
 - Flood Control Problem Areas
- Storm Water Pollutant Loading Factor
- CLD Data
- Watershed
- Base Data
- CDEC Stations
- USGS CA Stations

The top of the application window features a menu bar with 'Information', 'Select', 'Query', 'Graphics', and 'Tools'. The right side of the menu bar includes 'Base Map', 'Layer', 'Legend', 'Print', 'Save' (highlighted with a red box), and 'Refresh'. At the bottom, a Windows Internet Explorer browser window is visible, showing the title 'Gateway Interactive Map Viewer - Windows Internet Explorer' and the address bar with the URL 'http://arcgis02.geiconsultants.com/gateway2/gis/'. The browser's menu bar includes 'File', 'Edit', 'View', 'Favorites', 'Tools', and 'Help'. The status bar at the bottom shows 'Current Tool: Identify' and 'Active Layer:'. The browser's taskbar includes icons for 'Convert', 'Select', 'Favorites', 'Free Hotmail', 'Suggested Sites', and 'Web Slice Gallery'.

Basic Features: Refresh



Basic Features: Share

The screenshot displays a GIS application window with a map of Southern California. A 'Share Map' dialog box is open in the foreground. The dialog box contains the following text and elements:

- Text: "The link to this map page is"
- URL: <http://arcgis02.geiconsultants.com/gateway2/gis/>
- Text: "You may bookmark it or share the map by sending it in email."
- Section: "Email"
- Form fields: "To:", "From:", "Subject:", and "Message:"
- Buttons: "Send" and "Cancel"

The background map shows a green boundary enclosing a region in Southern California, with red square markers placed at various points within and around the boundary. The map includes labels for cities such as Burbank, Glendale, Pasadena, Los Angeles, Downey, Norwalk, and Anaheim. The status bar at the bottom indicates "Current Tool: Identify Active Layer: Lat/Long:33.63489631814133, -119.16075342983437".

Basic Features: Zoom



Incremental Zoom

Select Zoom
(Window)

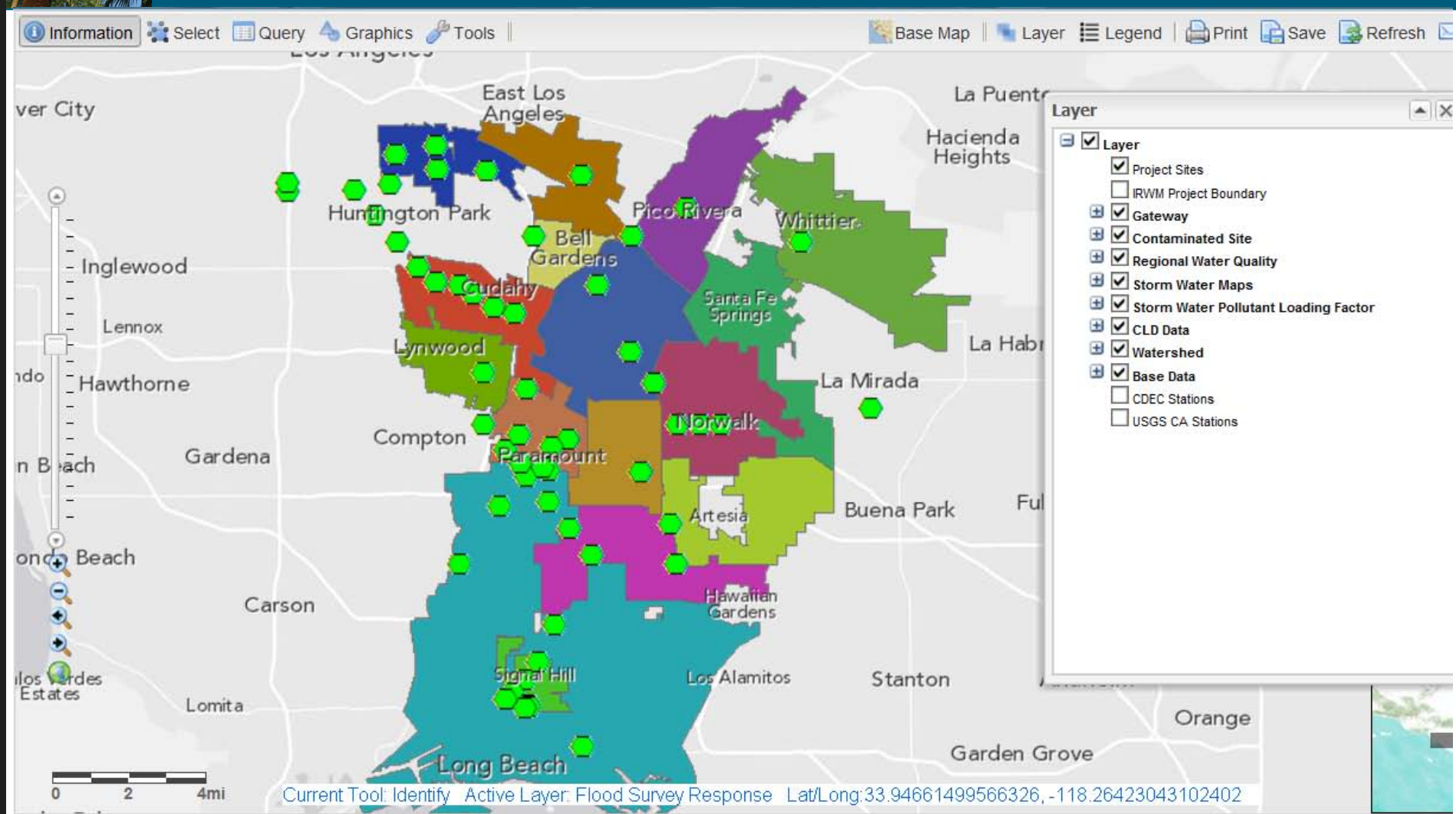
Zoom to previous/
next extent



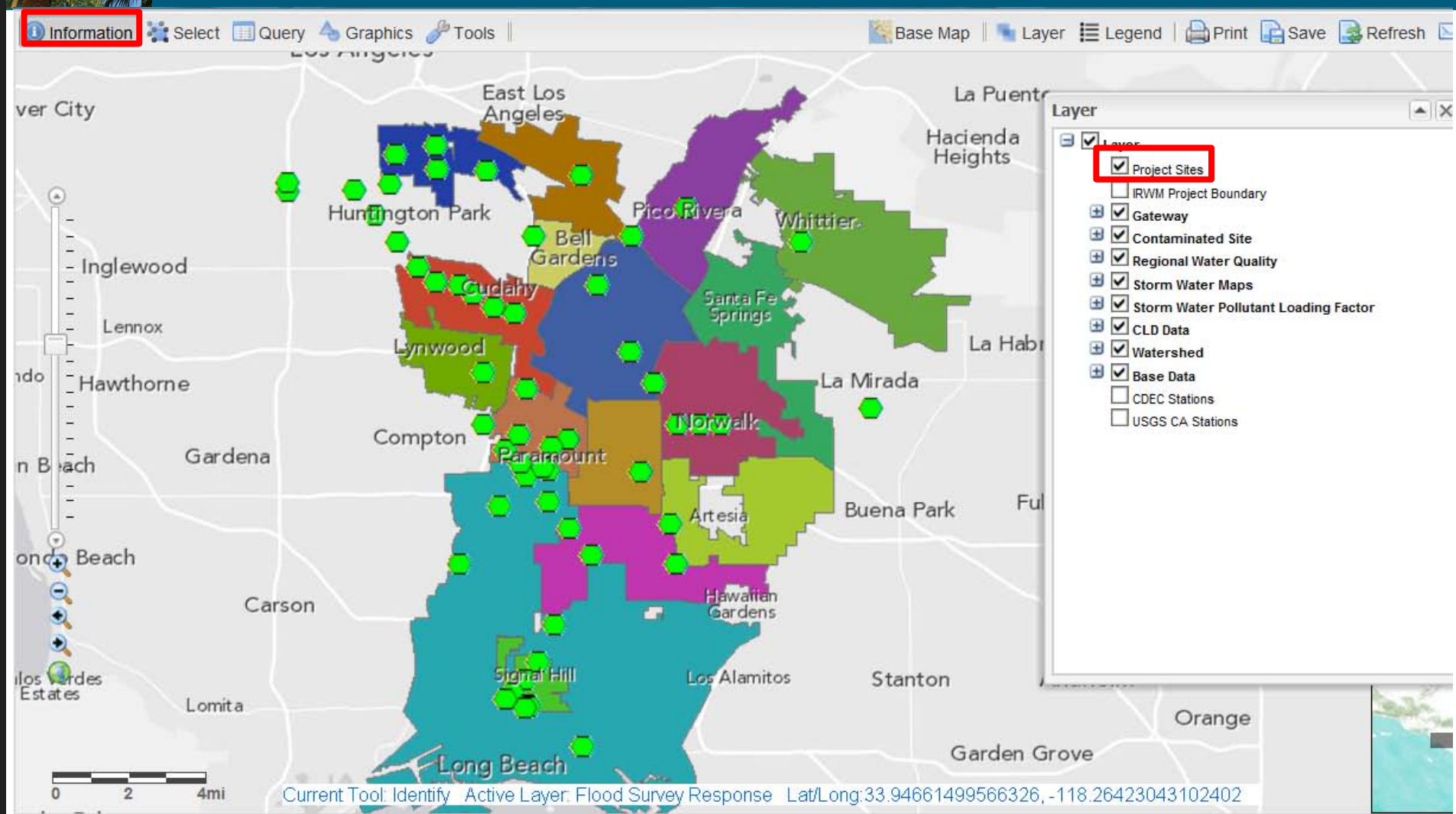
Zoom to
default extent

Scale bar

What is that Project?



What is that Project?



What is that Project?

Information Select Query Graphics Tools || Base Map || Layer Legend Print Save Refresh

ver City East Los Angeles La Puente Huntington Park Pico Rivera Whittier Hacienda Heights

Layer
 Layer
 Project Sites
 IRWM Project Boundary
 Gateway

Results

Project Sites IRWM

2 features returned in Project Sites [Export CSV](#) [Export XML](#) [Export KML](#)

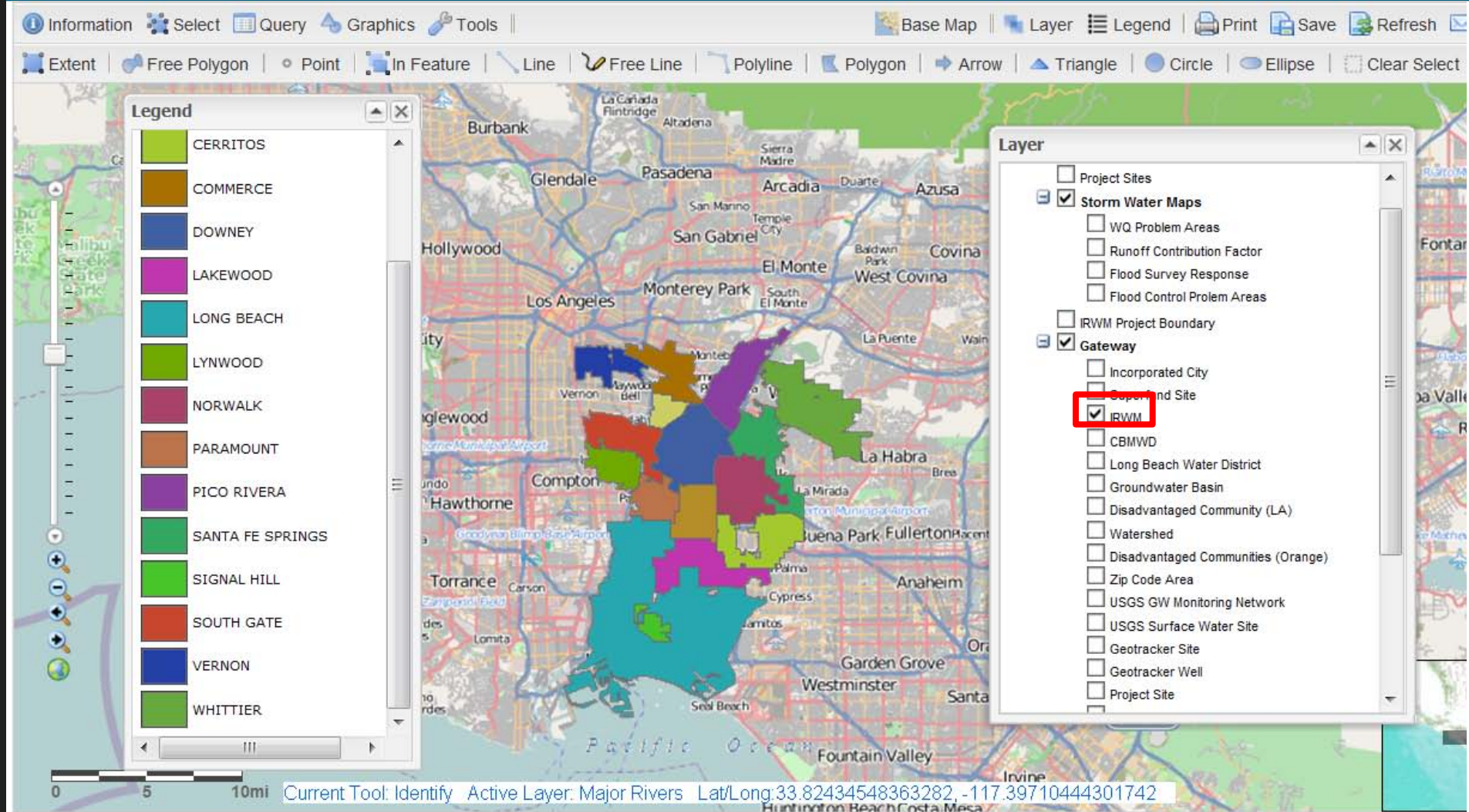
OBJECTID	Proj Title	AgencyList	Agency Org	Contact	Longitude	Latitude	PrjSummary
12	Disadvantaged Communities Schools Retrofit Program	CBMWD and MWD, local cities, retail agencies and various school districts.	Central Basin Municipal Water District	null	-118.144439	33.995578	This program will be comprised of two components: first a retrofit program to install water and energy saving devices and second, an energy and water conservation educational program, all in 10 Disadvantaged Communities (DAC) schools. This program will retrofit schools K-12 with High-Efficiency Toilets, Zero Consumption or High-Efficiency Urinals, Custom Flow Control Valves, Waterrooms, irrigation management systems, water saving irrigation heads, artificial turf and California Friendly plants where applicable. Potential energy retrofits will be coordinated with Southern California Edison. Additionally, an educational program will be implemented to increase student, faculty and staff's knowledge of water and energy conservation and

Lomita Long Beach Orange Garden Grove

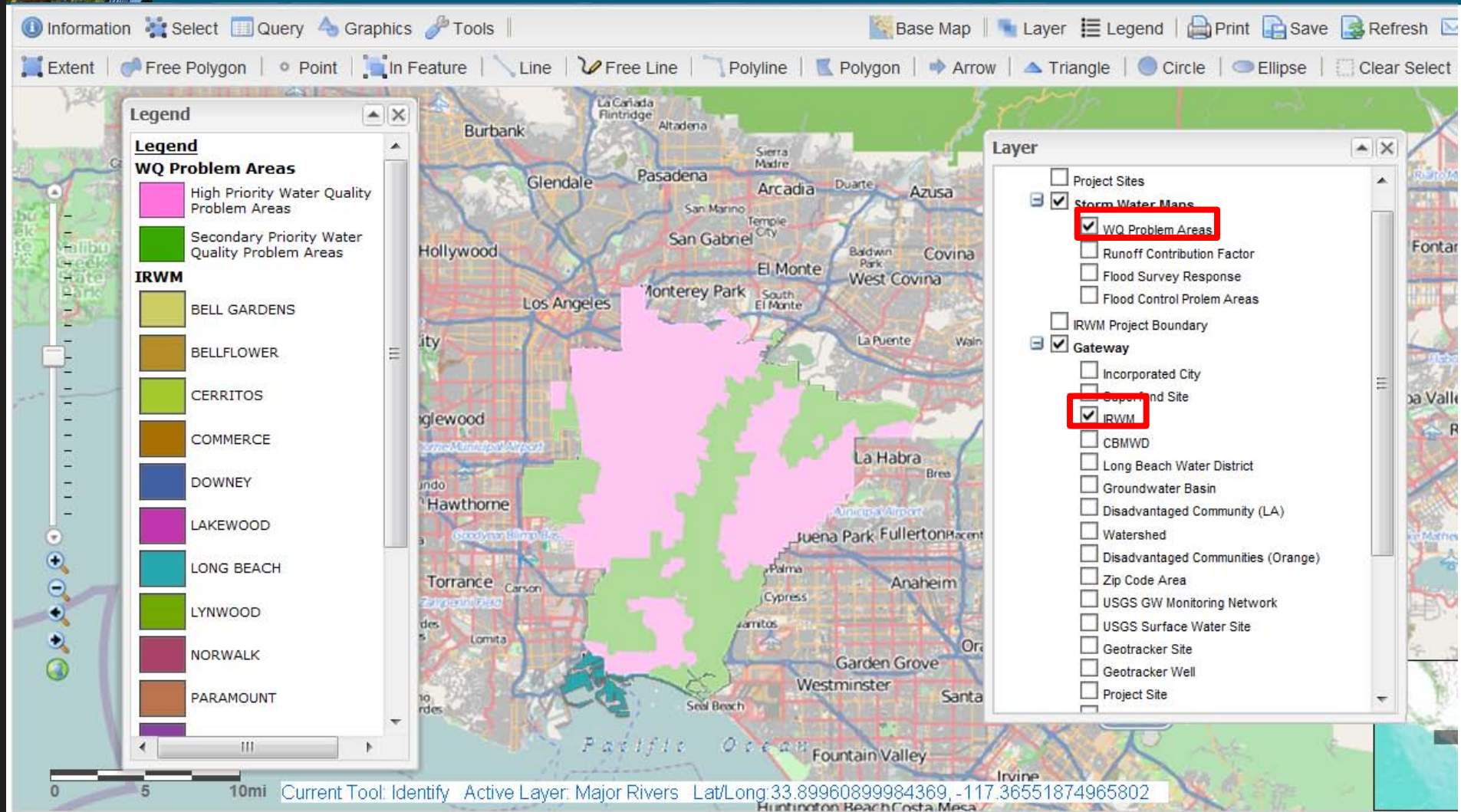
0 2 4mi

Current Tool: Identify Active Layer: Flood Survey Response Lat/Long:33.83489777623065, -118.01497811168841

What Cities are Located in High Priority Water Quality Problem Areas?



What Cities are Located in High Priority Water Quality Problem Areas?



What Cities are Located in High Priority Water Quality Problem Areas?

Information Select Query Graphics Tools || Base Map || Layer Legend Print Save Refresh

Extent **Free Polygon** Point In Feature Line Free Line Polyline Polygon Arrow Triangle Circle Ellipse Clear Select

Legend

Legend

WQ Problem Areas

- High Priority Water Quality Problem Areas
- Secondary Priority Water Quality Problem Areas

IRWM

- BELL GARDENS
- BELLFLOWER
- CERRITOS
- COMMERCE
- DOWNEY
- LAKELWOOD
- LONG BEACH
- LYNWOOD
- NORWALK
- PARAMOUNT

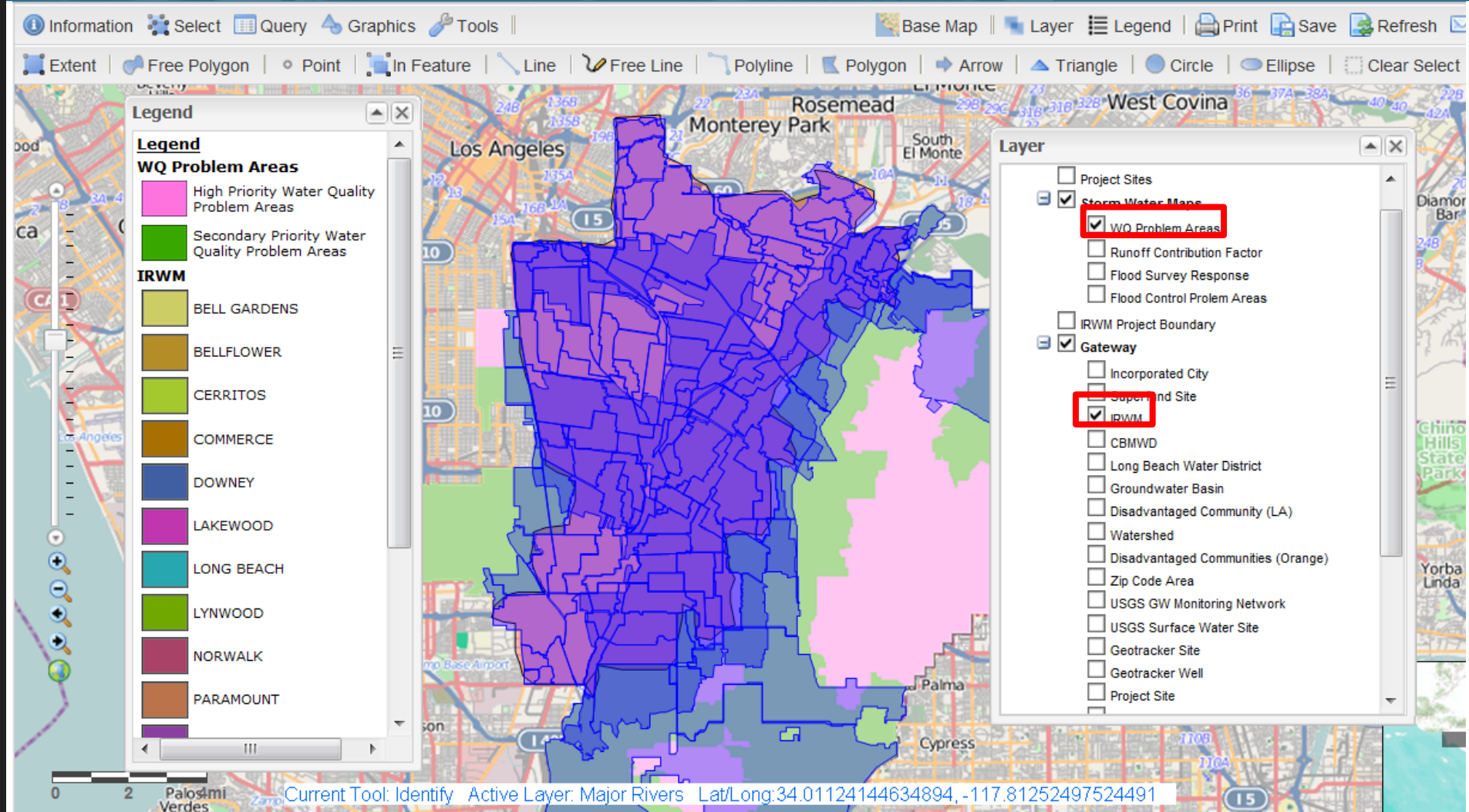
Layer

- Project Sites
- Storm Water Maps
 - WQ Problem Areas
 - Runoff Contribution Factor
 - Flood Survey Response
 - Flood Control Prolem Areas
- IRWM Project Boundary
- Gateway
 - Incorporated City
 - Superfund Site
 - IRWM
 - CBMWD
 - Long Beach Water District
 - Groundwater Basin
 - Disadvantaged Community (LA)
 - Watershed
 - Disadvantaged Communities (Orange)
 - Zip Code Area
 - USGS GW Monitoring Network
 - USGS Surface Water Site
 - Geotracker Site
 - Geotracker Well
 - Project Site

0 2 Palos Verdes

Current Tool: Identify Active Layer: Major Rivers Lat/Long: 34.062452152173535, -118.19292658657252

What Cities are Located in High Priority Water Quality Problem Areas?



What Cities are Located in High Priority Water Quality Problem Areas?

Information Select Query Graphics Tools || Base Map || Layer Legend Print Save Refresh

Extent Free Polygon Point In Feature Line Free Line Polyline Polygon Arrow Triangle Circle Ellipse Clear Select

Legend Legend Results

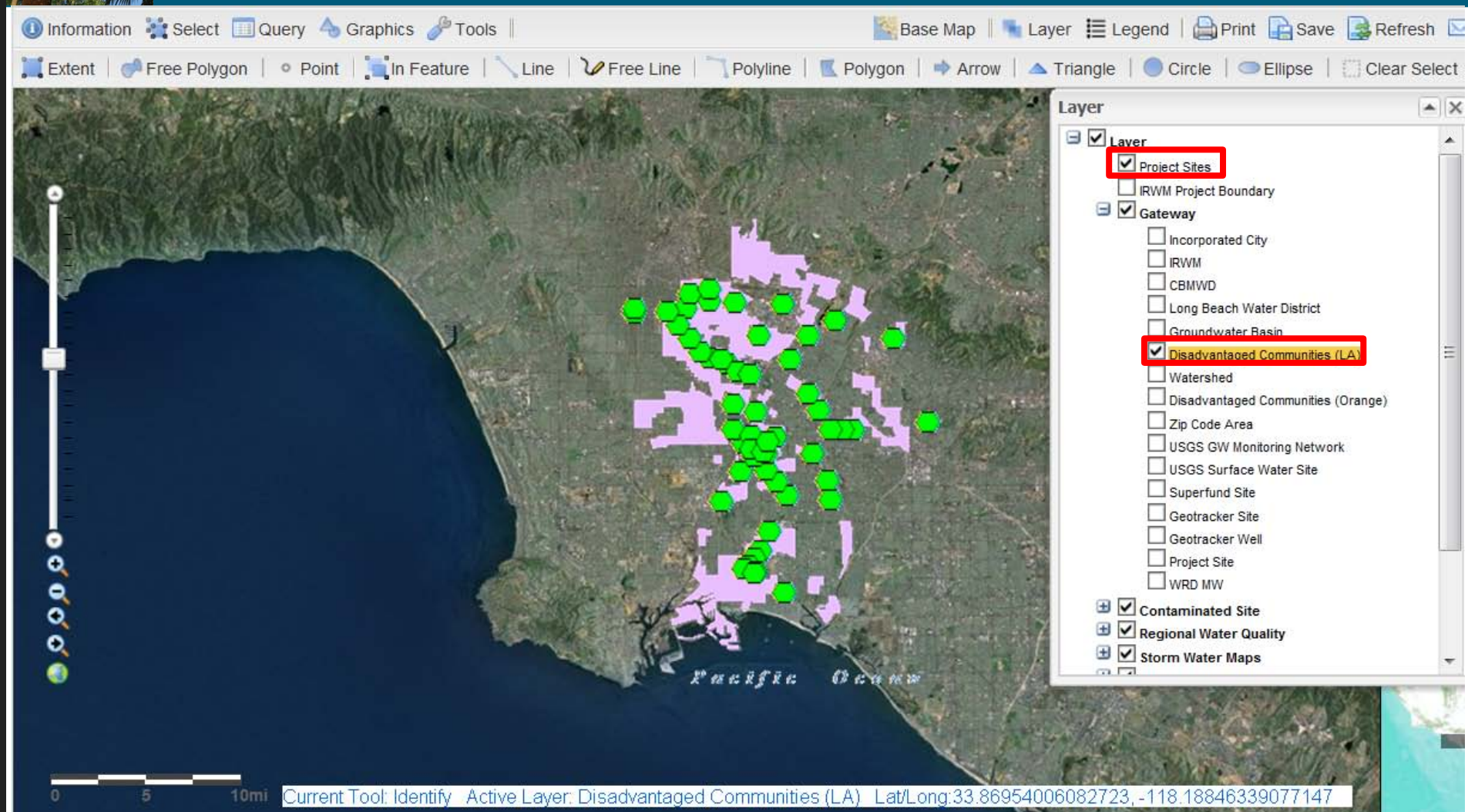
WQ Problem Areas **IRWM**

12 features returned in IRWM [Export CSV](#) [Export XML](#) [Export KML](#)

FID	City
0	WHITTIER
4	DOWNEY
5	LAKEWOOD
6	BELLFLOWER
7	PARAMOUNT
8	SOUTH GATE
10	VERNON
11	LONG BEACH
12	BELL GARDENS
13	COMMERCE

Palosmi Verdes Current Tool: Identify Active Layer: Major Rivers Lat/Long: 33.89333957435442, -118.23618525356464

How Many Projects are Located in DACs?



How Many Projects are Located in DACs?

The screenshot displays a GIS application interface. At the top, the menu bar includes 'Information', 'Select', 'Query', 'Graphics', and 'Tools'. Below this, a toolbar contains various drawing tools such as 'Extent', 'Free Polygon', 'Point', 'In Feature', 'Line', 'Free Line', 'Polyline', 'Polygon', 'Arrow', 'Triangle', 'Circle', 'Ellipse', and 'Clear Select'. The main map area shows a satellite-style view of a coastal region with a large body of water labeled 'Pacific Ocean'. A cluster of green hexagonal markers is overlaid on a pink-shaded area, representing project sites and disadvantaged communities. On the right side, a 'Layer' panel is open, listing various data layers. The 'Project Sites' layer is checked and highlighted with a red box. The 'Disadvantaged Communities (LA)' layer is also checked and highlighted with a red box. Other layers include 'IRWM Project Boundary', 'Gateway' (with sub-layers like 'Incorporated City', 'IRWM', 'CBMWD', 'Long Beach Water District', 'Groundwater Basin'), 'Watershed', 'Disadvantaged Communities (Orange)', 'Zip Code Area', 'USGS GW Monitoring Network', 'USGS Surface Water Site', 'Superfund Site', 'Geotracker Site', 'Geotracker Well', 'Project Site', and 'WRD MW'. At the bottom, a status bar shows 'Current Tool: Identify', 'Active Layer: Disadvantaged Communities (LA)', and 'Lat/Long: 33.86954006082723, -118.18846339077147'. A scale bar at the bottom left indicates 0, 5, and 10 miles.

How Many Projects are Located in DACs?

Information Select Query Graphics Tools || Base Map Layer Legend Print Save Refresh

Extent Free Polygon Point In Feature Line Free Line Polyline Polygon Arrow Triangle Circle Ellipse Clear Select

Layer

Disadvantaged Communities (LA) Project Sites

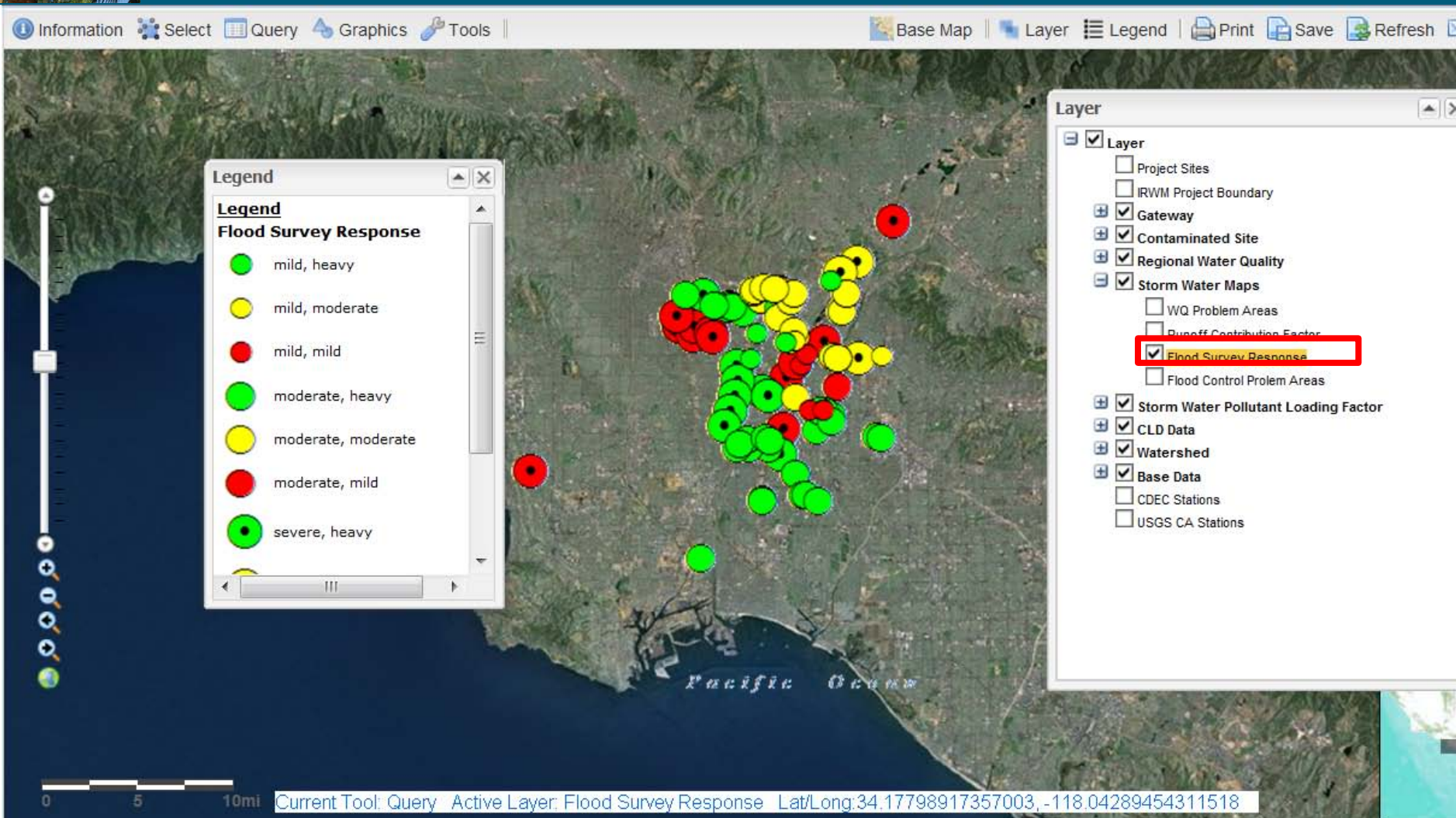
31 features returned in Project Sites [Export CSV](#) [Export XML](#) [Export KML](#)

OBJECTID	Proj Title	AgencyList	Agency Org	Contact	Longitude	Latitude	PrjSummary
3	Addition and/or Expansion of Color Treatment for Ground Water Extracted from the Pressure Zone of the Central Basin	null	GEOSCIENCE Support Services, Inc.	Russell Kyle	-118.157228	33.823061	Naturally occurring color has and continues to be a contaminant of concern within the deeper aquifers of the Pressure Zone of the Central Basin. Addition and/or expansion of arsenic treatment for potable ground water in this area will provide

Geotracker Well
Project Site
WRD MW
 Contaminated Site
 Regional Water Quality
 Storm Water Maps

0 5 10mi Current Tool: Identify Active Layer: Disadvantaged Communities (LA) Lat/Long: 33.876381319357044, -117.46473902553683

How Many Flood Survey Responses Returned a Severe Flood?



How Many Flood Survey Responses Returned a Severe Flood?

The screenshot displays a GIS application interface. At the top, a menu bar includes 'Information', 'Select', 'Query' (highlighted with a red box), 'Graphics', and 'Tools'. To the right, there are icons for 'Base Map', 'Layer', 'Legend', 'Print', 'Save', and 'Refresh'. The main map area shows a satellite view of a coastal region. A 'Layer' window is open on the right side of the map. In the foreground, an 'Advance Query' dialog box is open, featuring a 'Query' tab and a 'Results' tab. The 'Advanced' section of the dialog is active, showing 'Layer: Flood Survey Response' and 'Value: severe'. Below this, a list of field names is displayed: 'FID', 'Match_addr', 'Addr_type', 'Address', and 'Flood'. The 'Flood' field is selected. At the bottom right of the dialog are 'Query' and 'Clear' buttons. The status bar at the bottom of the application shows 'Current Tool: Query Active Layer: Flood Survey Response Lat/Long: 34.173444576098, -118.81605738491235'.

Information Select **Query** Graphics Tools

Base Map Layer Legend Print Save Refresh

Layer

Advance Query

Query Results

Advanced

Layer: Flood Survey Response

Value: severe

Field Name

FID

Match_addr

Addr_type

Address

Flood

Query Clear

0 5 10mi Current Tool: Query Active Layer: Flood Survey Response Lat/Long: 34.173444576098, -118.81605738491235

How Many Flood Survey Responses Returned a Severe Flood?

The screenshot shows a GIS application interface with a map in the background. A 'Layer' window is open on the right. In the foreground, an 'Advance Query' window is open, displaying a table of results. The table has columns for Storm_Type, Flood_Type, ResponsNum, Storm, Flood, Address, Addr_type, Match_addr, and FI. A green box highlights the text '30 features returned in Flood Survey Response' at the top of the results table. Below the table, a scale bar shows 0, 5, and 10 miles. At the bottom, the status bar indicates 'Current Tool: Query Active Layer: Flood Survey Response Lat/Long:33.74858746365024, -117.47023218959934'.

Information Select Query Graphics Tools || Base Map || Layer Legend Print Save Refresh

Layer

Advance Query

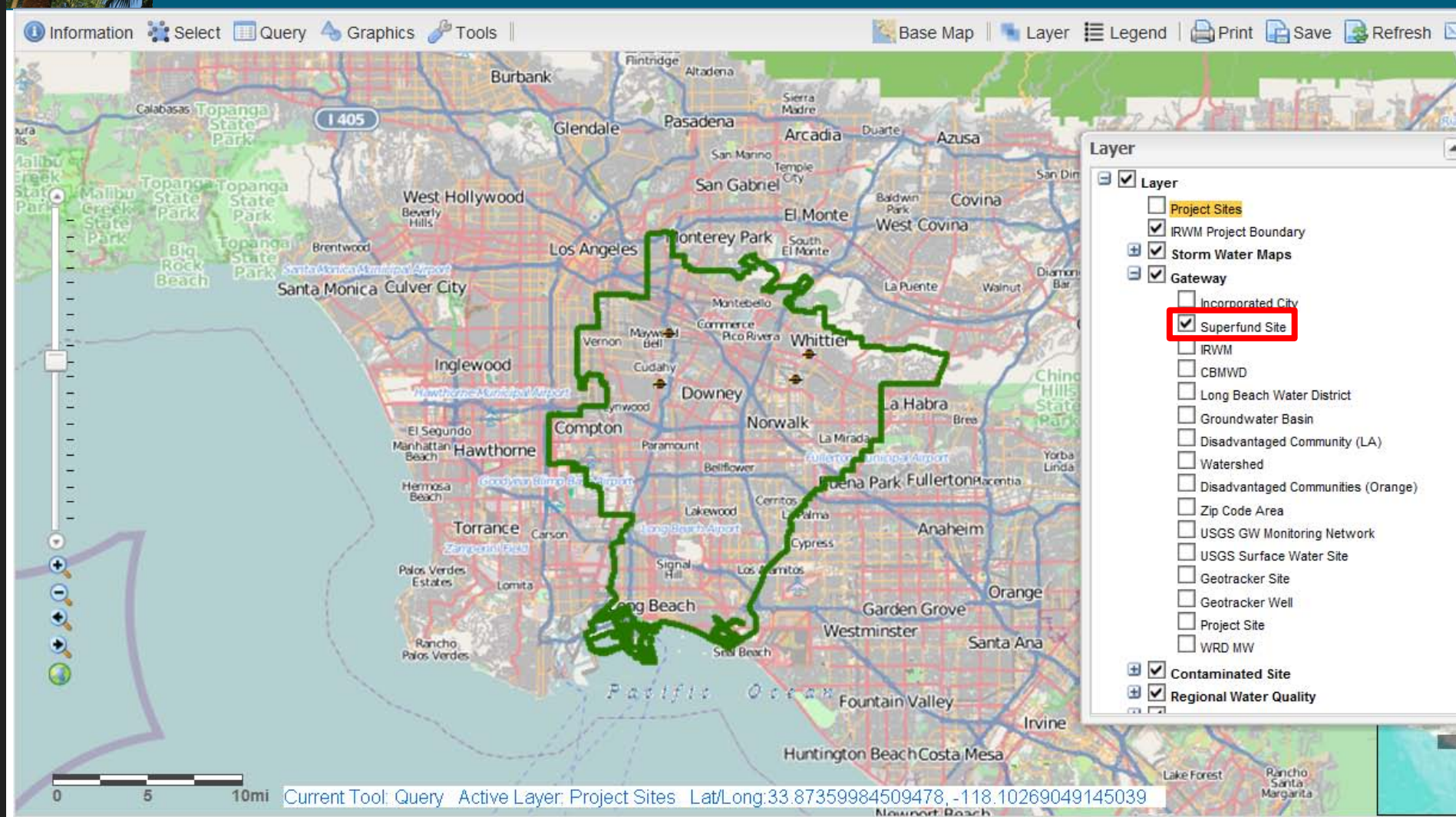
Query Results

30 features returned in Flood Survey Response [Zoom to selected](#) | [Export CSV](#) | [Export XML](#) | [Export KML](#)

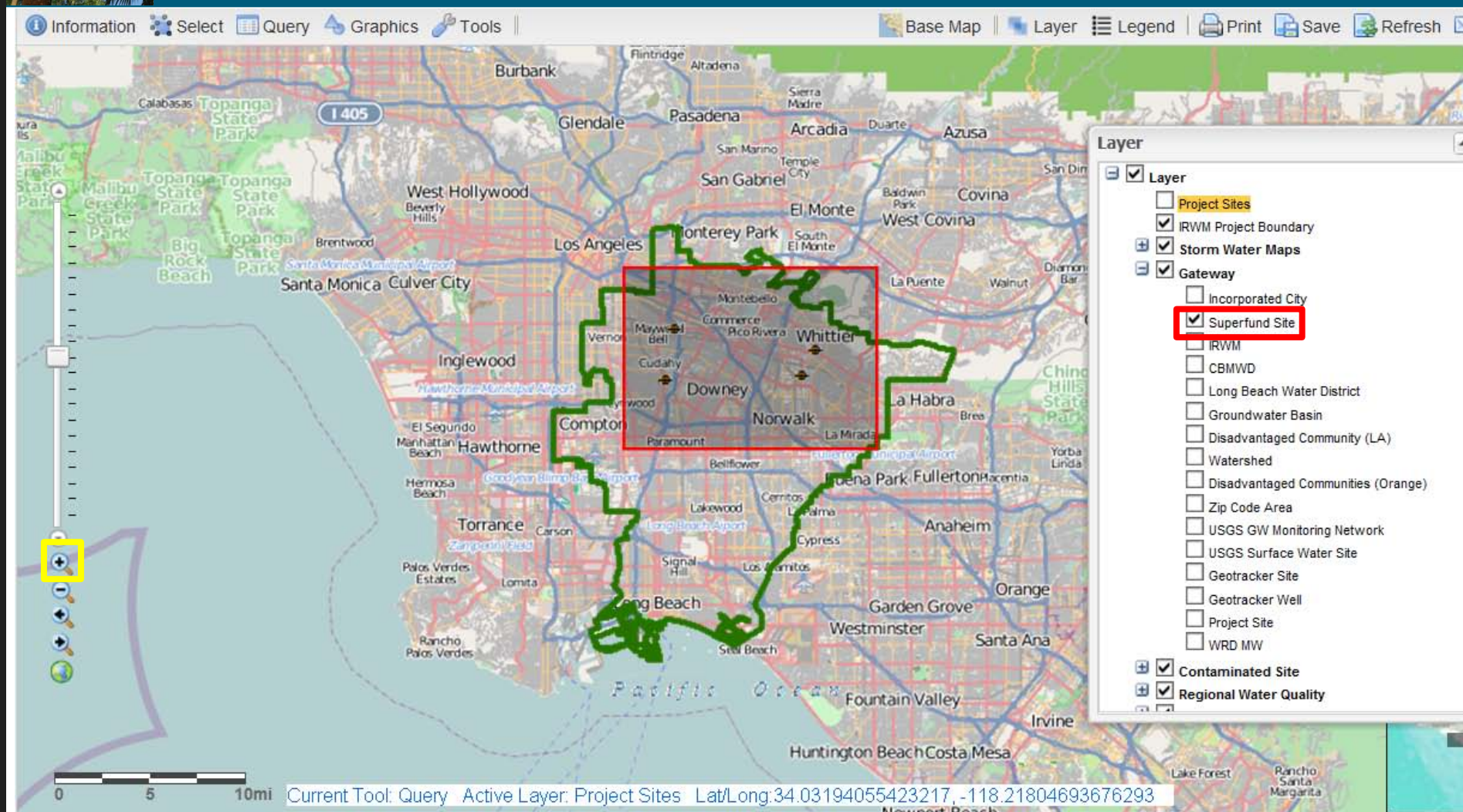
Storm_Type	Flood_Type	ResponsNum	Storm	Flood	Address	Addr_type	Match_addr	FI
3	3	2	mild	severe	Paramount Blvd @ Firestone Blvd	Intersection	Paramount Blvd & Firestone Blvd, Downey, California, 90241	0
3	3	2	mild	severe	Paramount Blvd @ Florence Ave	Intersection	Paramount Blvd & Florence Ave, Downey, California, 90240	1
1	3	4	heavy	severe	Quill Dr @ Old River School Rd	Intersection	Quill Dr & Old River School Rd, Downey, California	2
1	3	4	heavy	severe	Quill Dr @ Rives Ave	Intersection	Quill Dr & Rives Ave, Downey, California, 90242	3
3	3	7	mild	severe	2000 Gage	Address	2000 Gage Ave, Huntington Park, California, 90255	4
3	3	7	mild	severe	Gage @ Alameda	Intersection	Gage Ave & Alameda St, Huntington Park, California	5
3	3	8	mild	severe	1900 Slauson	Address	1900 Slauson Ln, Redondo Beach, California, 90278	6
3	3	9	mild	severe	2200 Randolph	Address	2200 Randolph St, Huntington Park, California, 90255	7
					Randolph St & Albany St			

0 5 10mi Current Tool: Query Active Layer: Flood Survey Response Lat/Long:33.74858746365024, -117.47023218959934

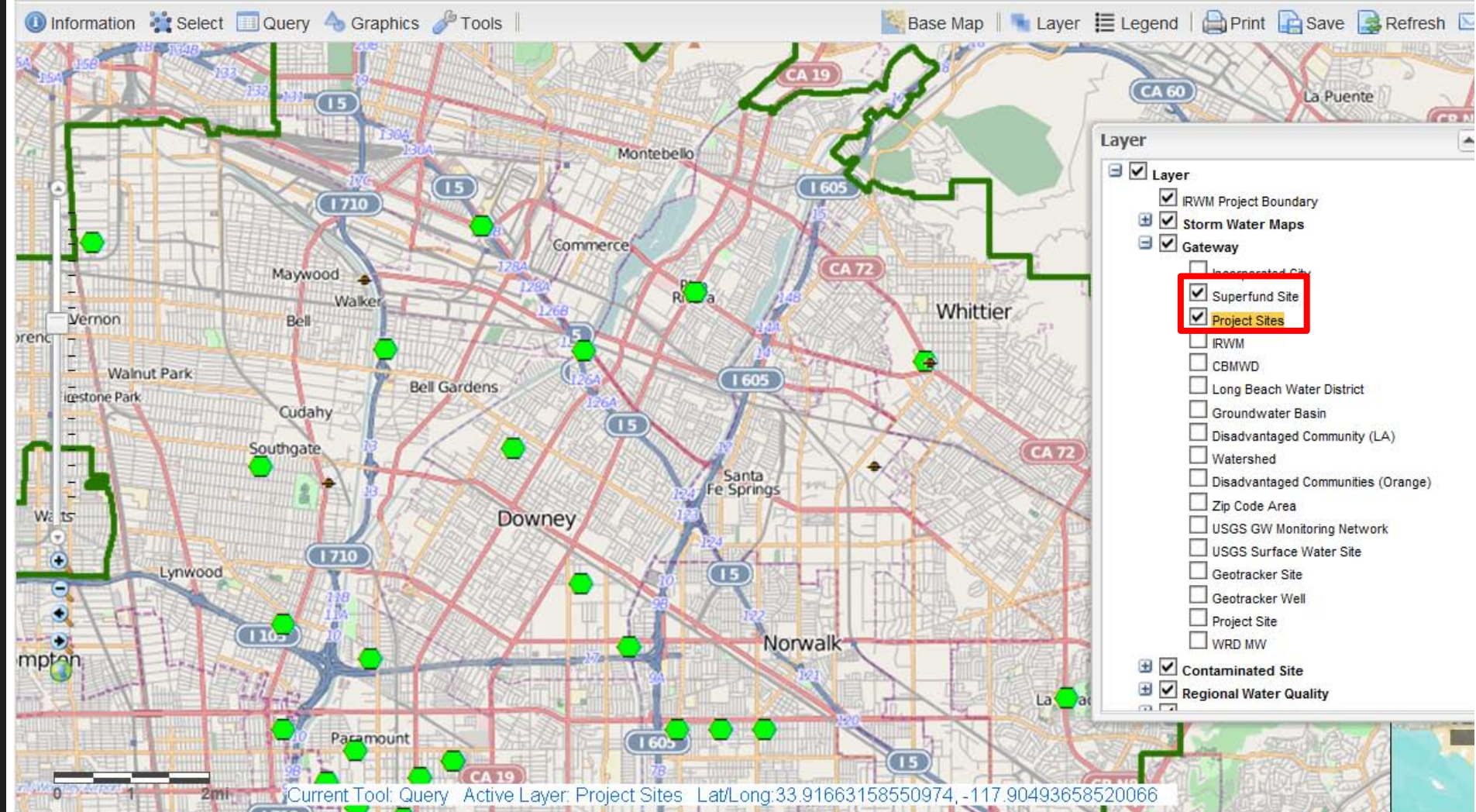
How close is the nearest Superfund Site to My Project?



How close is the nearest Superfund Site to My Project?



How close is the nearest Superfund Site to My Project?



How close is the nearest Superfund Site to My Project?

Information Select Query Graphics **Tools** Base Map Layer Legend Print Save Refresh

Profile **Measure** Goto XY O&M Manuals Surface Profile Capture Extent Close

Measure Distance

Line Polyline Freehand Polyline

Distance: Feet

Click and hold down on the map to draw a line and compute its length.

Distance measure: 414.981 Feet

Layer

- Layer
 - IRWM Project Boundary
 - Storm Water Maps
 - Gateway
 - Incorporated City
 - Superfund Site
 - Project Sites**
 - IRWM
 - CBMWD
 - Long Beach Water District
 - Groundwater Basin
 - Disadvantaged Community (LA)
 - Watershed
 - Disadvantaged Communities (Orange)
 - Zip Code Area
 - USGS GW Monitoring Network
 - USGS Surface Water Site
 - Geotracker Site
 - Geotracker Well
 - Project Site
 - WRD MW
 - Contaminated Site
 - Regional Water Quality

0 100 200ft

Current Tool: Identify Active Layer: Project Sites Lat/Long: 33.96970114062809, -118.04220131374661



Questions?



Next Steps

- Complete Project Review and Ranking
 - Adopt Project List
 - Financing Options
 - Draft Plan
 - Follow-up on In-Kind Timesheets
-
- **Next Stakeholders Meeting November 8**



Questions?