



AGRC Services

How to effectively use AGRC



You can do it; We can help

If your customer says,

Visualize boundaries

Filter by distance

Query by address

Analyze areas

Map infrastructure

Store map data


Spatially enable data

Engage with AGRC

Create a seamless experience

Avoid friction

Work together

- 
- ❏ Web Based Solutions
 - ❏ Custom Analysis
 - ❏ Data Storage
 - ❏ Tangible Items

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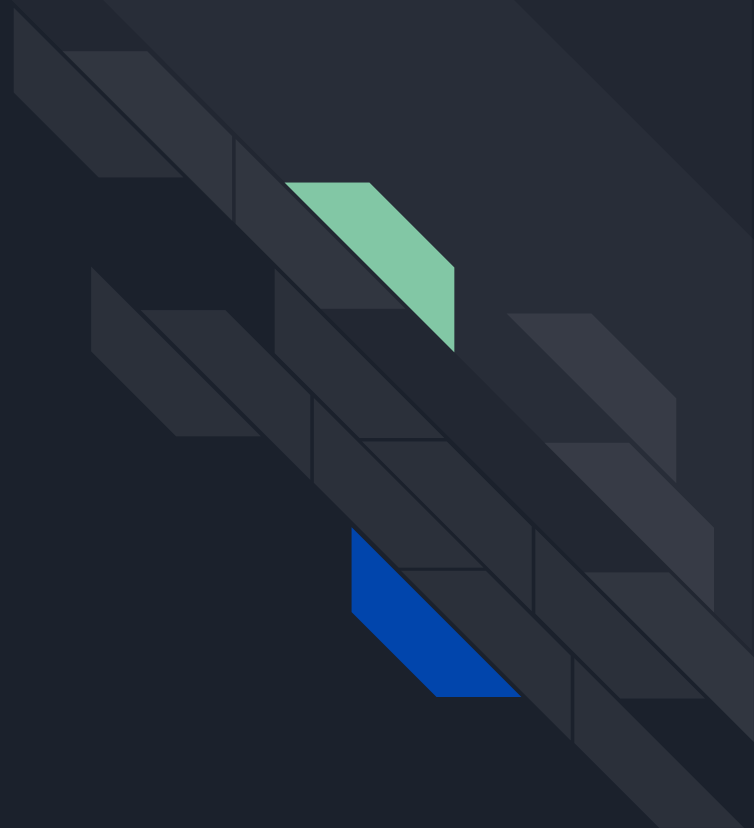
Web Based Solutions

[AGRC Web API](#)

[Custom Websites](#)

[Javascript Widgets](#)

[Discover Base maps and Imagery](#)





ENDPOINTS

Geocoding

Searching

SGID Information

RESOURCES

Console

Register

HELP

Getting Started Guide

Sample Usage

Report an Issue

Privacy Policy

ABOUT

1.9.6.0

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Geocoding API Methods

API methods for finding a geolocation (x,y) for addresses.

Important Note: `matchAddress` returns the name of the address grid system for the address. For example, `"matchAddress": "10420 E Little Cottonwood Canyon, Salt Lake City"` means that the address is part of the **Salt Lake City address grid system**. It is neither within the boundaries of Salt Lake City proper, nor is that the preferred mailing address placename.

We have [compiled a group of samples](#) in various programming languages showing how to use this API. Please look, learn, and contribute new languages if you are able. Also check out the [great writeup](#) of our web api.

Get

/geocode/:street/:zone

Street and Zone

Returns the geocoded address location.

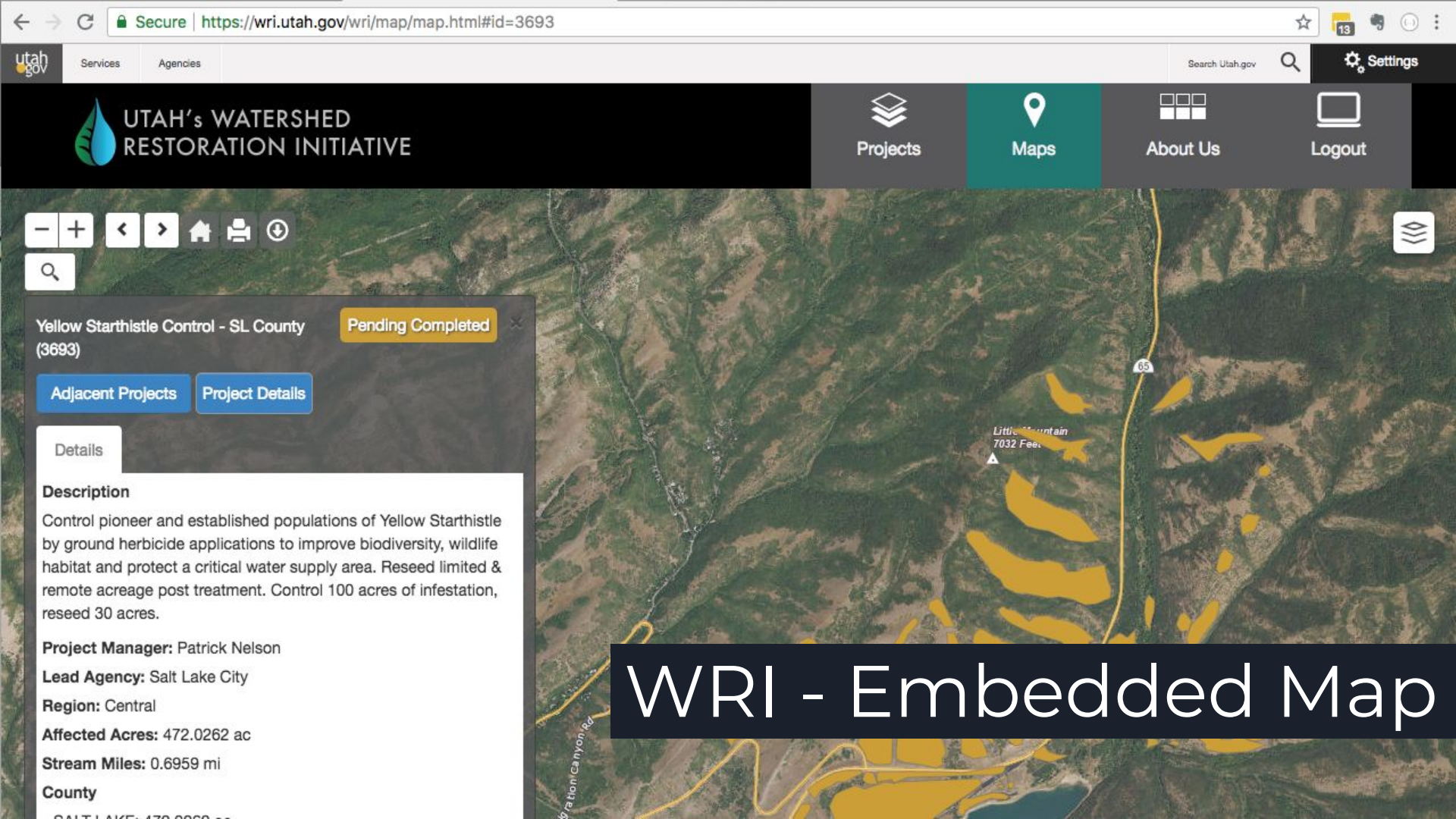
Details

Implemented

Road centerline based locators have a 15 meter offset from the center of the road.
There is no offset for the address point based locators.

street

Geospatial Web Services



WRI - Embedded Map

JavaScript Widgets

Meridian

Salt Lake Uinta Basin

Township

Choose an option ▼

Range

▼

Section

▼

Zoom

Find Point of Interest

san 🔍

San Andres Catholic Church	Utah
San Arroyo	Grand
San Arroyo Camp	Grand
San Arroyo Canyon	Grand
San Arroyo Gas Field	Grand
San Arroyo Ridge	Grand
San Arroyo Wash	Grand
San Francisco Condo	Salt Lake
San Francisco Mountains	Beaver

More than 10 matches found...

Find Address

Address

Zip or City

Find



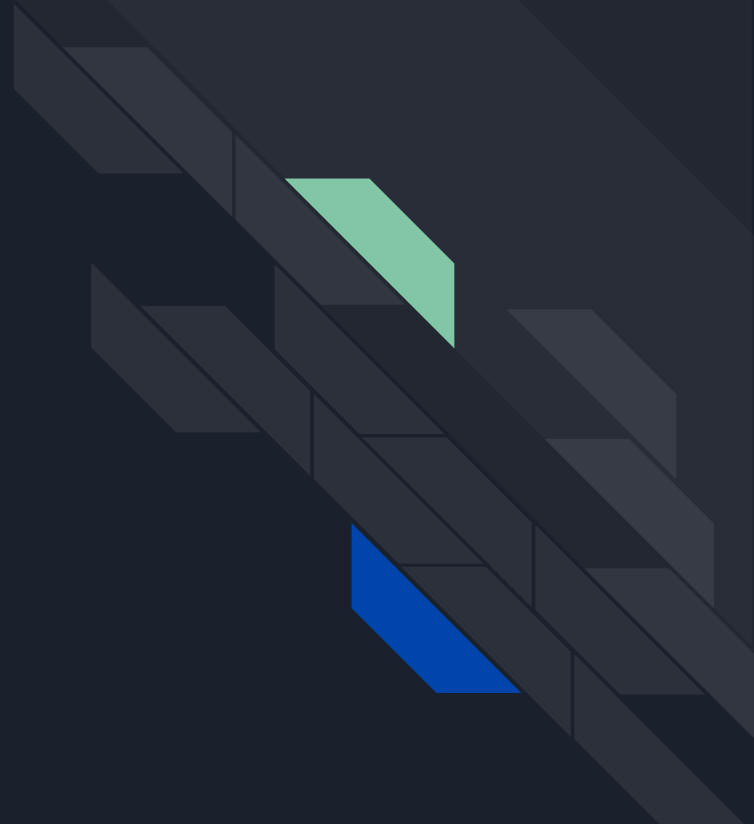
discover.agrc.utah.gov

- ☐ None
- ☐ Basemap-Address_Points
- ☐ Basemap-Hybrid
- ☐ Basemap-Lite
- ☐ Basemap-Overlay
- ☐ Basemap-Terrain
- ☐ Basemap-Topo
- ☐ digitalglobe_stgeorge
- ☐ DOQ 1990s BW
- ☐ Google
- ☐ Google 2011archive
- ☐ Google 2012archive
- ☐ Google 2013archive
- ☐ Google 2014archive
- ☐ Google 2015archive
- ☐ Google 2016archive
- ☐ Google 2017archive
- ☐ Hillshade
- ☐ HRO 2012 RGB
- ☐ NAIP 2006 NRG
- ☐ NAIP 2006 RGB
- ☐ NAIP 2009 RGB
- ☐ NAIP 2011 NRG

Custom Analysis

Location based Spatial Analysis

Data Science





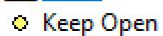
Layers

- ☒ FacilitiesClose7_MaxImp180

FacilityType

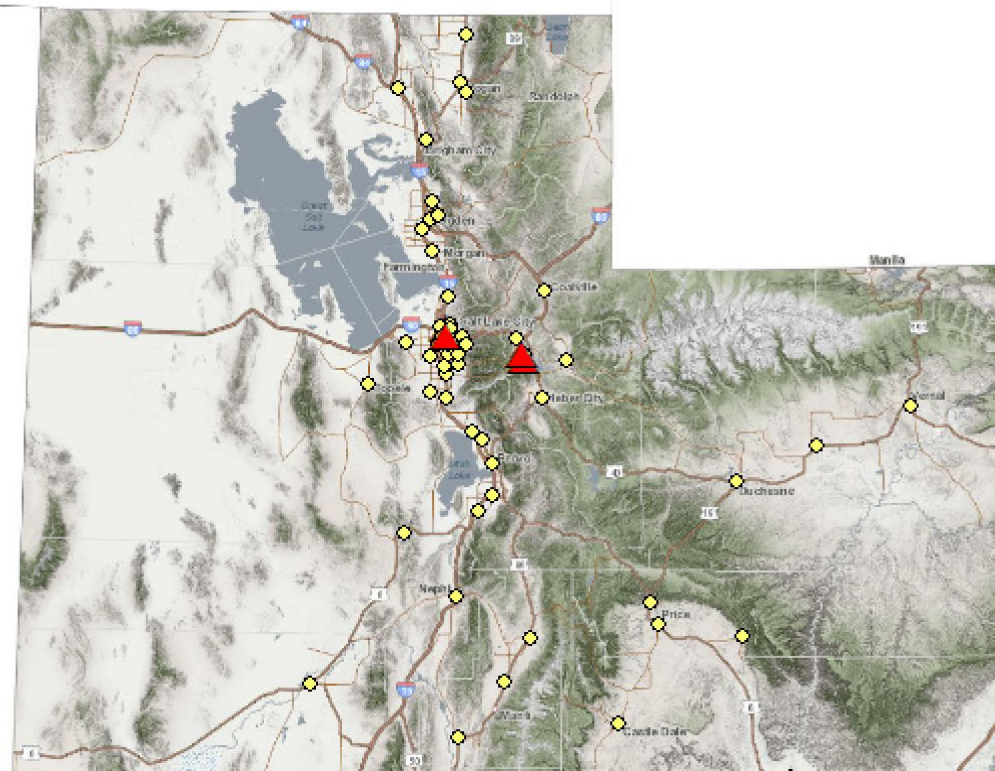


Close



Keep Open

- ☒ Basemap-Terrain



State Liquor Store Analysis



Airports - International

Name	Drive Time
Salt Lake International	< 15 mins

Airports - Regional/Commercial

Name	Drive Time
Ogden-Hinckley	< 1 hour
Provo Muni	< 1 hour
Wendover	< 1.75 hours
Logan-Cache	< 2 hours

Airports - Local

Name	Drive Time
South Valley Rgnl	< 15 mins
Skypark	< 30 mins
Bolinder Field-Tooele Valley	< 45 mins
Heber City Muni - Russ Mcdonald Field	< 1 hour
Morgan County	< 1 hour
Spanish Fork-Springville-Woodhouse Field	< 1 hour
Jake Garn	Drive-time Analysis
Nephi Muni	
Brigham City	
Mount Pleasant	

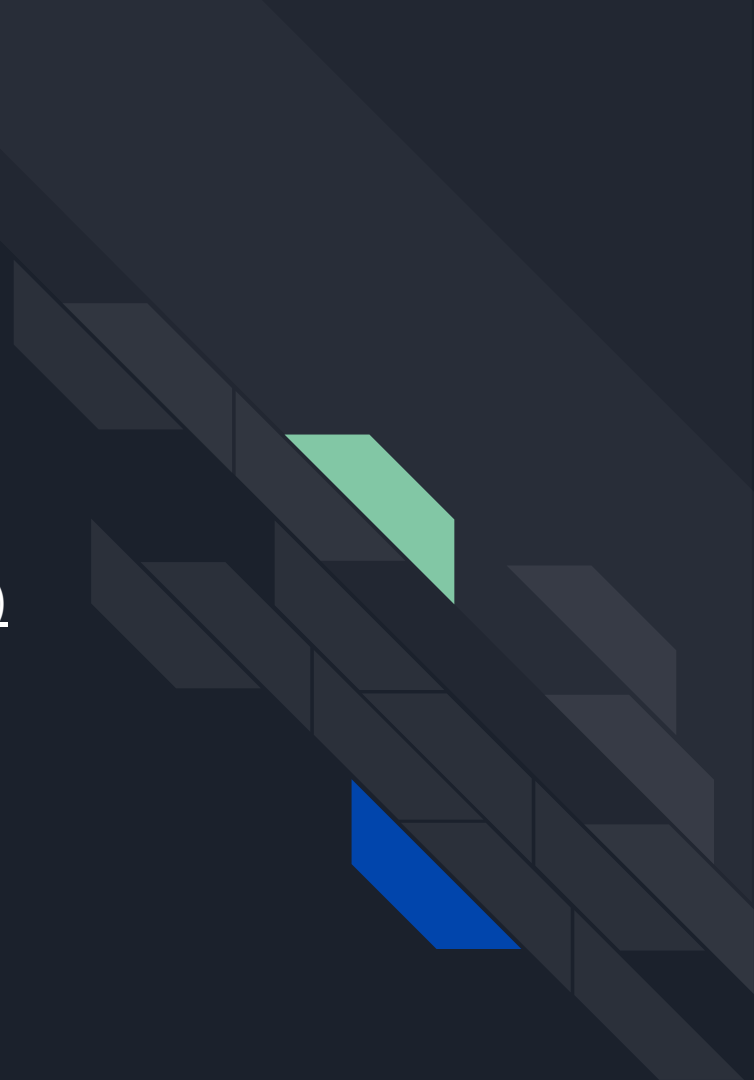


Data Storage

State Geographic Information Database (SGID)

ArcGIS Online

Data Transformation Location Enabling



category	name	agency	description	service
location	Address System Quadrants	AGRC	Address system quadrants	

...or browse specific Data Categories



A small inset map showing the location of the Bountiful City Police Department. The map is a grid with a red dot indicating the department's location. The text "Bountiful City Police Department" is written in red next to the dot.





Content

- My Content
- My Favorites
- My Groups
- My Organization
- Living Atlas

▼ Item Type

Maps

Layers

Scenes

Apps

Tools

Files

> Date Modified

> Date Created

> Tags Clear

> Shared

> Status

Search My Organization

1 - 16 of 80 Filters: Tagged: sgid × Clear All

Sort by: Date Modified

UtahAddressPoints

by UtahAGRC

Created: Feb 7, 2018

Updated: Jul 30, 2018

View Count: 0

★ ...

Utah Terrain Base map-Copy

by ChristinaEpperson@UTSHP

Created: Mar 8, 2018

Updated: Apr 11, 2018

View Count: 431

★ ...

Utah Public Safety Answerin...

by UtahAGRC

Created: Dec 9, 2013

Updated: Jan 24, 2018

View Count: 8,566

★ ...

StateFuelSites

by Utah Automated

Created: Sep 13, 2017

Updated: Jan 16, 2018

View Count: 5

★ ...

SGID via AGOL

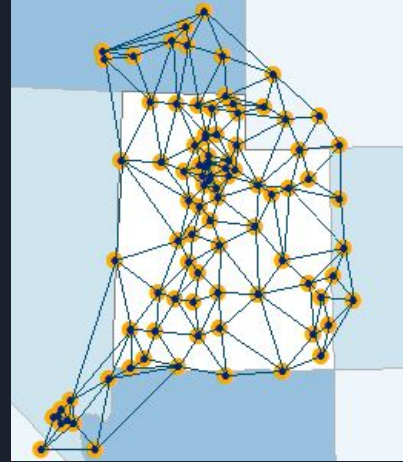


Tangibles

Large Format Printing

Digital and Paper Maps

GPS RTK Network





We want to work with you

If your project needs,

Web based interactive maps

Address physical location

Spatial data transformation and
storage

Points, lines, or polygons

Please engage AGRC early
and often

We want to work with you
and are happy to help

contact
nathankota@utah.gov

