

Sustainability Action Study Interactive Map

Current Map Layers

The following table lists the various layers presented in the UIPA Sustainability Action Study Interactive Map and summarizes the features and data sources used to develop each layer.

Interactive Map Layers

Layer	Description	Data Source
Air Monitor station	Location of air quality monitoring sites	Utah Department of Environmental Quality (UDEQ): Station Information - Air Monitoring Program - Utah Department of Environmental Quality
Boundaries and buffers	Dashed grey line – Municipal boundary Dark blue border line – Utah Inland Port Authority border Yellow area – Eco-industrial border showing buffer where development must stop	Utah Geospatial Resource Center (UGRC): State Geographic Information Database (SGID) UIPA Geospatial Data
Building footprints	Development footprint or facility footprint as of Q3 2022	UIPA Geospatial Data
Planned transportation projects	Proposed Mountain View Corridor	Utah Department of Transportation (UDOT): Data Portal

<p>Transportation</p>	<ul style="list-style-type: none"> • Traffic volume – Volume by number of cars at a certain time shown in line width for 2019 and 2050 • Congestion – Spectrum of congestion at morning and night rush hours shown by green to red spectrum to show light to heavy congestion in 2019 and projections for 2050. • Transit system – Light rail, bus, and other transit option routes • Highway system – Proposed and existing highway and interstate routes • Railroad System – Union Pacific and Salt Lake Garfield & Western (SLGW) railways 	<p>2019 Annual Average Daily Truck Traffic shapefile provided by UDOT</p> <p>Transportation infrastructure shapefiles provided in the National Transportation Atlas Database: National Transportation Atlas Database Bureau of Transportation Statistics (bts.gov)</p> <p>Congestion spectrum provided in Wasatch Front Regional Council's (WFRC's) Travel Demand Model</p>
<p>Land developability status</p>	<p>Developability status is divided by:</p> <ul style="list-style-type: none"> • Active Landfill • Developed • Mining Buffer • Open Space • Pending Remediation • Planned for development • Undeveloped 	<p>CPCS analysis of land developability based on land ownership and zoning. Information was sourced from the following resources:</p> <p>Salt Lake City: Open Data Catalog</p> <p>Salt Lake County: Open Data</p> <p>West Valley City Geospatial Data</p> <p>UIPA Geospatial Data</p>

Land use	<ul style="list-style-type: none"> ● Agricultural – Preserved area for agricultural use ● Agricultural (2 Acre Minimum) – Protected suitable agricultural lands larger than 2 acres ● Business Park ● Commercial ● Commercial Corridor – Commercial development focused along arterial and major collector streets ● General Commercial – Mixed-use area for retail and residential with low industrial use ● Industrial ● Light Manufacturing - Light industrial uses that produce no appreciable impact on adjacent properties ● Mixed Use Employment Center Transit Station - Areas with a high concentration of jobs that attract people from the entire region. These areas generally start with a campus-style development pattern ● Open Space - Parcels without existing development that exert a greater level of regulation over any potential redevelopment of existing open space areas. ● Residential 	<p>Salt Lake City: Open Data Catalog</p> <p>Salt Lake County: Open Data</p> <p>West Valley City Geospatial Data</p>
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Land ownership	Parcels covered by a development agreement with the City of Salt Lake City by: <ul style="list-style-type: none"> ● Rio Tinto ● Suburban Land Reserve ● NWQ LLC ● Property Reserve ● SITLA 	Salt Lake City: Open Data Catalog UIPA Geospatial Data
Water resources	<ul style="list-style-type: none"> ● Waterways ● Lakes ● Floodplains ● Sewer system – Pipeline network within Salt Lake City ● Wetlands 	FEMA Flood Maps: Flood Maps FEMA.gov Salt Lake City Public Utilities GIS Portal: GIS Mapping & IT Public Utilities (slc.gov) Salt Lake County Open Data Portal – Hydrology: Salt Lake County Open Data (arcgis.com)
Community resources	Parks and schools shown by icons	UGRC: SGID
Natural resources	<ul style="list-style-type: none"> ● Natural area – Natural open area of unique ecological value ● OSC endpoints – Points indicating the end of open space corridors ● Open space corridors – Preserved natural area serving as buffer between zones of different usage ● Lee kay state wildlife Conservation area ● Soils – Divided by soil type 	UGRC: SGID Lee Kay parcel was identified manually by the project team using Salt Lake City’s zoning map. Open Space corridors were drawn manually by the project team based on the Salt Lake City Open Space Plan: http://www.slcdocs.com/openspace/92OpenSpaceMasterPlan.small.pdf

Future Map Layers

UIPA can expand this interactive map's capabilities by obtaining and adding the following layers as they become available in the future:

- Public charging stations and renewable fueling infrastructure
- Power generation locations (including on-site roof solar panels and other generation infrastructure (ask ICF what other info could be valuable...amount of power generated, etc., if collectable)
- Sustainability features at a parcel level
 - Water consumption
 - Native landscaping
 - Others as determined by sustainability strategies
 - Planned active transportation/trail infrastructure
 - Planned public transit expansion
- Actual truck trips, employee commute alternative mode use (via counts, "tenant" surveys, or ITE estimates based on building size and/or use)