



Esri Micro Region Event

Experience Builder Utilization in City Government

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GIS Services Group



The GIS Services group is made up of a Coordinator, Senior GIS Analyst, Data Analyst, GIS Analysts and GIS Technicians.



The GIS Services group is responsible for GIS Architecture, GIS System Design, ArcGIS Online and Portal Administration, Web Applications, Editing, QAQC, and GIS Integrations.

Number of Applications

Portal:

- WebApp Builder – 81
- Experience Builder – 74
- Dashboards – 60

ArcGIS Online:

- WebApp Builder – 14
- Experience Builder – 17
- Dashboards – 10
- Storymaps - 17

Using Experience Builder in City Government

- **Two Examples of Experience Builder Apps**
 - Internal/External applications
- **True Reads**
 - Internal/External applications
 - Created for Water and Sewer Department
 - To track lead services and meter replacement
- **Tree Inventory**
 - Internal/External applications
 - Created for Parks
 - To collect and categorize every tree in every park

True Reads

- Public application
- Lead Service Line Inventory and Automatic Meter Installation Map



Tree Inventory

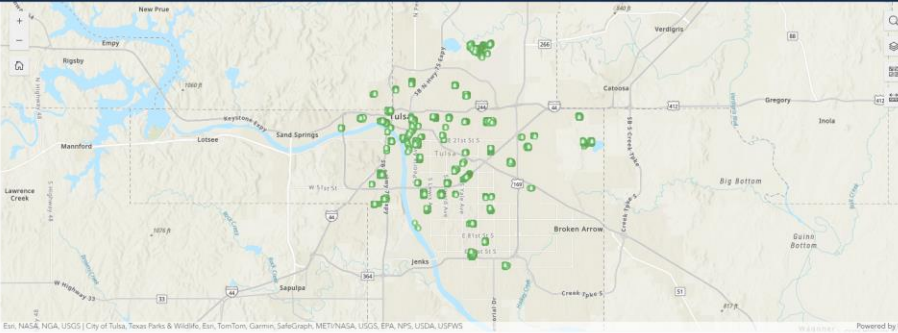
- Tree Inventory Reviewer
- Tree Inventory Editor application
- Field maps for data collection

TULSA Tree Inventory Reporting

Query Data

Select Trees Only >

Select Combined Tree/History >



Map showing tree locations in Tulsa, Oklahoma. The map displays various parks and landmarks, with green markers indicating tree locations. The map is powered by Esri.

Trees

Search

| OBJECTID | Park Name | Tree ID | Genus | Species | Common Name | Diameter at Brea... | Estimated Height | Estimated Width | Number |
|----------|-----------|---------|---------|-------------|---------------|---------------------|------------------|-----------------|--------|
| 1201 | Owen | TR-2 | Quercus | stellata | Oak, Post | 26.000000 | 60-79' | 40-59' | |
| 2801 | Mohawk | TR-5 | Carya | illinoensis | Pecan | 30.000000 | 40-59' | 20-39' | |
| 4001 | Riggs | TR-18 | Ulmus | parvifolia | Elm, Lacebark | 29.000000 | 20-39' | 20-39' | 1 |
| 4002 | Riggs | TR-19 | Nyssa | sylvatica | Black Gum | 1.000000 | 0-19' | 0-19' | 1 |
| 4003 | Riggs | TR-20 | Nyssa | sylvatica | Black Gum | 1.000000 | 0-19' | 0-19' | 1 |

Total: 95991 Selection: 0

TULSA Parks - Tree Inventory Editor

Tree Feature Edits | Work History Edits

Editor

Settings


Edit features

Select

Create features

Trees

Tree



Map showing tree locations in Tulsa, Oklahoma. The map displays various parks and landmarks, with green markers indicating tree locations. The map is powered by Esri.

Trees | Trees Work History | TreeInventoryReview

| OBJECTID | Park Name | Tree ID | Genus | Species | Common Name | Diameter at Brea... |
|----------|-----------|---------|----------|-------------|----------------|---------------------|
| 1201 | Owen | TR-2 | Quercus | stellata | Oak, Post | 26.000000 |
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| 4001 | Riggs | TR-18 | Ulmus | parvifolia | Elm, Lacebark | 29.000000 |
| 4002 | Riggs | TR-19 | Nyssa | sylvatica | Black Gum | 1.000000 |
| 4003 | Riggs | TR-20 | Nyssa | sylvatica | Black Gum | 1.000000 |
| 4004 | Riggs | TR-21 | Fraxinus | americana | White Ash | 24.000000 |
| 4005 | Riggs | TR-22 | Cercis | canadensis | Eastern redbud | 1.000000 |
| 4006 | Riggs | TR-23 | Nyssa | sylvatica | Black Gum | 1.000000 |
| 4007 | Riggs | TR-24 | Juglans | nigra | black walnut | 3.000000 |
| 4008 | Riggs | TR-25 | Juglans | nigra | black walnut | 2.000000 |

Future Projects

- Tulsa Pet Finder
- Stormwater Event Viewer
- Source Water Dashboard

Questions?



THANK YOU

