



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

TULSA Tree Inventory Reporting

Query Data

Select Trees Only >
Select Combined Tree/History >

Trees

Search

OBJECTID	Park Name	Tree ID	Genus	Species	Common Name	Diameter at Breast...	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: 9599 | Selection: 0

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

TULSA Parks - Tree Inventory Editor

Tree Feature Edits Work History Edits

Editor

Settings

Edit features

Select

Create features

Trees

Selected features: 0

Trees

Trees Work History

TreeInventoryReview

OBJECTID	Park Name	Tree ID	Genus	Species	Common Name	Diameter at Breast...
1201	Owen	TR-2	Quercus	stellata	Oak, Post	26.000000
2801	Mohawk	TR-5	Carya	illinoensis	Pecan	30.000000
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

