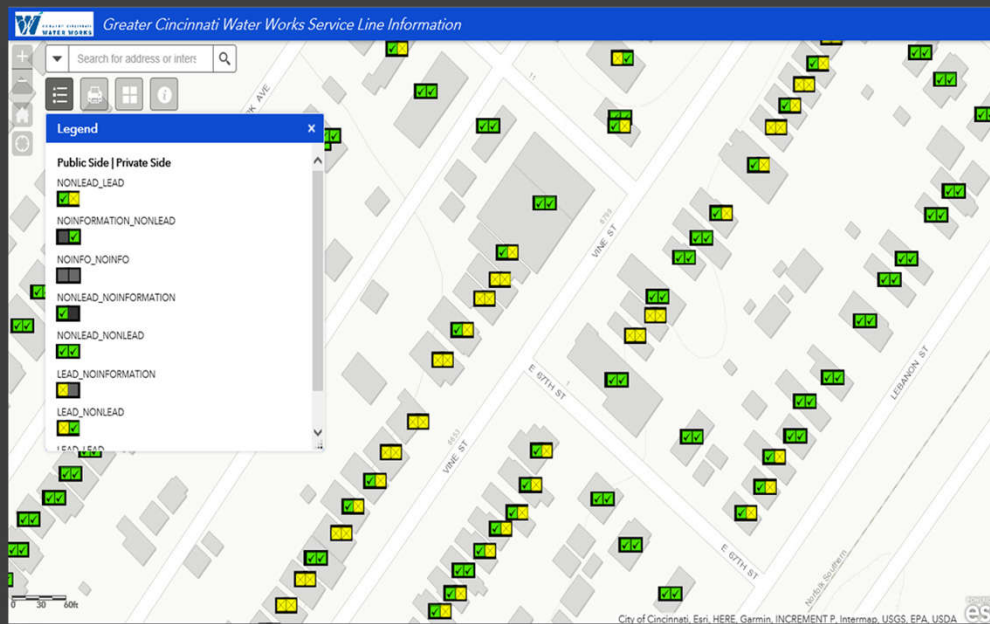




# Lead Service Line Replacement Data - GIS



Public side branch material originally in billing system

2000 – GIS populated

- Result: ~16,000 public LSLs

2016 – develop on-line map:

- No private side info in GIS
- Quickly created though branch records, watermain project inspection reports, and CMMS work order info
- Result: ~44,000 private LSLs
- Deliverable: Searchable map in ArcGIS Online



**\*\* All Fields are Required**

Material Found (Private):

Material Installed (Private):

Private Side:

Renew Date (Pu):

Renew Date (Pri):



Previous Page

# LSLRP Data - GIS

## Data gathering improvements

- Pay attention to branch material
- More fields added to GIS, e.g.
  - Public side renew date
  - Private side renew date

## Watermain project inspection enhancements

- Electronic form on phone
- Created with MS Power Apps
- Updated info sent to GIS editors
- Publicly available next day

Greater Cincinnati Water Works... Device Security Check

BR_NUMBER:	37569
CUST_MAT_TYP	Copper
CUST_PBREPLA	2/24/2020 7:00 PM
CE_DATE	
BR_MAT_TYP	Copper
PBREPLACE_DA	2/4/2020 7:00 PM
TE	
RENEWED_BY	ENGINEERING
INSTALL_YR	0
BR_USE_CD	DB - Domestic
SUBTYPE	Active
HOUSE_NUM	1932
STR_NAME	KINNEY
SUFFIX	AV
DIAM_NUM	3/4"
GIS_MN_SZ	6"
CTLV_LOC	242 WPL BURKE
BOX_TO_CL	0
BOX_TO_MN	0
BOX_TO_PL	5
LEAD_RENEW	2020
LEAD_REMOVE	0
RECONNECT_YE	0
AR	