



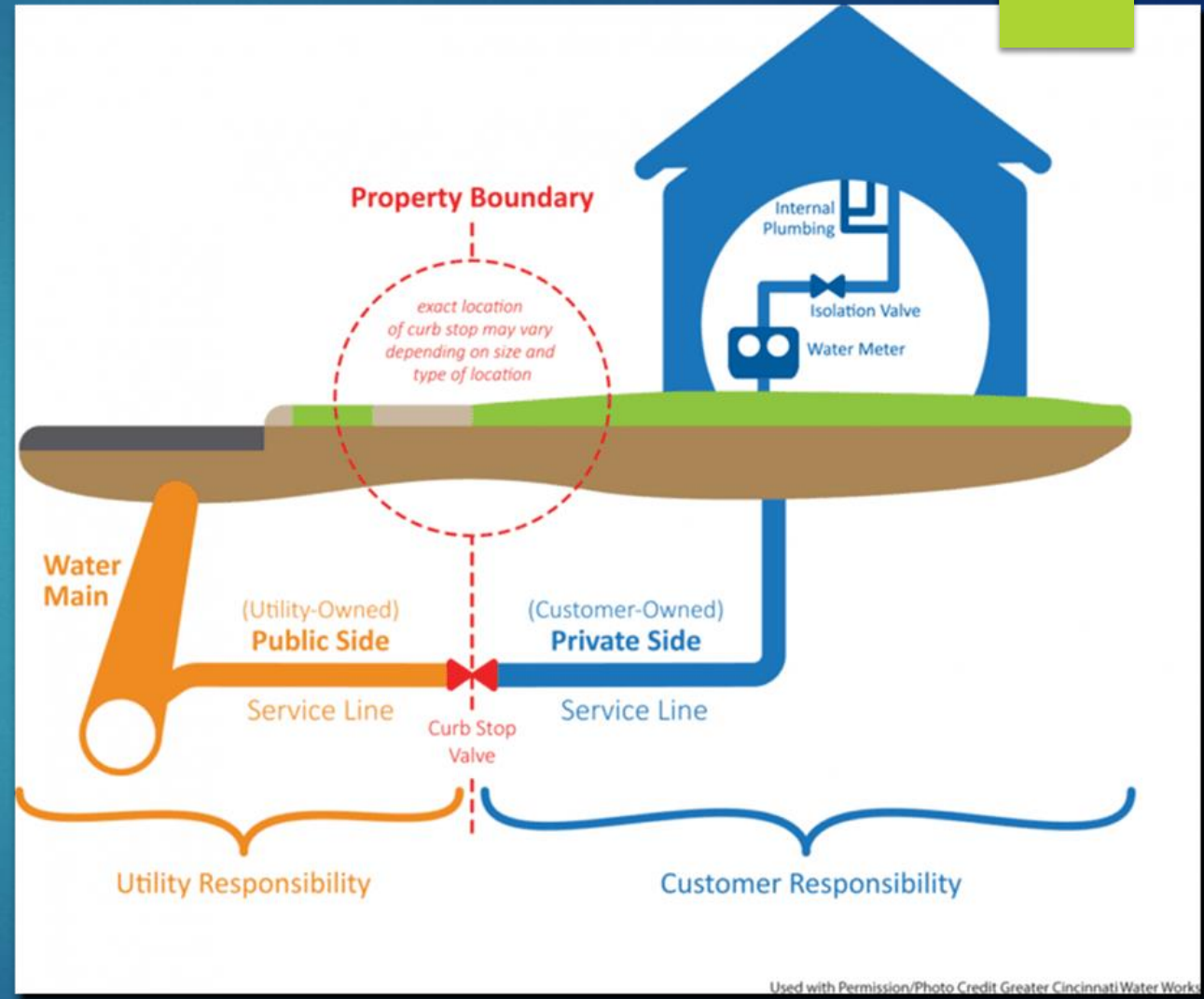
City of Olive Branch: Lead & Copper Inventory Analysis

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REGIONAL SCAUG 2024

Key Topics

- ▶ Introduction Scott Trapolino
- ▶ GIS in Olive Branch
- ▶ Lead & Copper Rule & Inventory Requirements
- ▶ Lead & Copper Analysis
- ▶ Simplify the Process & Empower Everyone....



Lead & Copper Rule

- ▶ The purpose of the Lead and Copper Rule (LCR) is to protect public health by minimizing lead and copper levels in drinking water. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.
- ▶ The Lead and Copper Rule Revisions (LCRR) requires water systems to prepare and maintain an inventory of service line materials. Initial inventories are required to be submitted to state primacy agencies by October 16, 2024.

HOW DO YOU ASSIST WITH GIS.... THINK OUTSIDE THE BOX....

ESRI's "OUT OF THE BOX"

ESRI Deployable Lead Service Line Inventory

Mississippi Department of Health

MSDH TEMPLATE

Lead & Copper Analysis

- ▶ Landroll Parcel Database
- ▶ Point Address Database
- ▶ Water Utility Customer Database
- ▶ What data is needed?
 - ▶ Subdivisions
 - ▶ Addresses
 - ▶ Parcels
 - ▶ Service Area or Map of Water Lines

Landroll Assessment Table

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File Layout for: CDMSFILE/RABLDPF

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Field Name	Description	Start	Type	Length	Dec
ILKEY	KEY TO LAND ROLL FILE	1	Character	22	
IIMP#	IMPROVEMENT NUMBER	23	Zoned	3	0
ITYPE	IMPROVEMENT TYPE	26	Character	3	
IPRCRD	PROPERTY CARD NO	29	Zoned	2	0
INAME	LAND OWNER NAME	31	Character	30	
IDESC	IMPROVEMENT DESCRIPTION	61	Character	15	
IYRBLT	YEAR BUILT	76	Zoned	4	0
IBAREA	BASE AREA (SQ FT)	80	Zoned	7	0
IAAREA	ADJUSTED AREA SQ FT	87	Zoned	7	0
IASMTP	ASSESSMENT PERCENT	94	Zoned	2	2
IYRREM	YEAR REMODELED	96	Zoned	4	0
IFWKIN	FIELD WORK INITIAL	100	Character	3	
IFWDAT	FIELD WORK DATE	103	Zoned	8	0
ICLSDI	CLASSIFIED BY INITIAL	111	Character	3	
ICLDTE	CLASSIFIED DATE	114	Zoned	8	0
IREVIN	REVIEWED BY INITIAL	122	Character	3	
IRVDTE	REVIEW DATE	125	Zoned	8	0
IROOMS	NUMBER OF ROOMS	133	Zoned	2	0
IBDRMS	NUMBER OF BEDROOMS	135	Zoned	2	0
IAPTFA	NO OF APTS/FAMILY	137	Zoned	2	0
ISTORY	STORIES	139	Zoned	2	0
IHILOW	HIGH/LOW	141	Character	1	
ICLASS	CLASSIFICATION	142	Character	1	
IPME	PLUS/MINUS/EVEN	143	Character	1	
ICNDPR	CONDITION PERCENT	144	Zoned	3	2

PIN	DESCRIPT	YEAR
105417000	000030 MOBILE HOMES	2002
105417000	000030 RESIDENTIAL	1999
105417000	000030 RESIDENTIAL	1990
105417000	000030 SHED OPEN SIDES	0
105417000	000030 RESIDENTIAL	1994
105417000	000030 UTILITY BUILDNG	1994
105417000	000040 BARN TWO-STORY	2004
105417000	000040 RIDING ARENA	2020
105417000	000050 RESIDENTIAL	1987
105417000	000050 SHED OPEN SIDES	2004
105417010	000010 QUONSIT	2003
105417010	000010 RESIDENTIAL	2004
105417020	000010 RESIDENTIAL	2005
105417020	000010 WD CONC FLOOR	2005
105417020	000020 RESIDENTIAL	2004
105417020	000020 PATIO CONCRETE	2004
105417020	000020 WD CONC FLOOR	2004
105417020	000020 POOL	2009
105417020	000030 RESIDENTIAL	2007
105417020	000030 PATIO CONCRETE	2007
105417020	000040 RESIDENTIAL	2005
105417020	000040 PATIO CONCRETE	2005
105417020	000050 RESIDENTIAL	2005
105417020	000050 PATIO CONCRETE	2005
105417020	000050 POOL	2007

Water Utility Database

Account	Parcel	Location	Location1	Dflt_Route	Dflt_Read	Street_Num	Street_Nam	Type_	Start_Date
10014081	# 21 CHEROKEE POINT	7455	7455 ALBATROSS DR	4	76010	7455	ALBATROSS DR	RESIDENTL	2/25/2021
10065		10494	10494 ALBERT DR	3	29730	10494	ALBERT DR	RESIDENTL	6/11/2001
10064		10476	10476 ALBERT DR	3	29760	10476	ALBERT DR	RESIDENTL	6/11/2001
10062		10452	10452 ALBERT DR	3	29770	10452	ALBERT DR	RESIDENTL	6/11/2001
10063		10469	10469 ALBERT DR	3	29780	10469	ALBERT DR	RESIDENTL	10/14/2005
10061		10434	10434 ALBERT DR	3	29801	10434	ALBERT DR	RESIDENTL	6/11/2001
10006822	#41 DAWKINS FARM	4079	4079 ALBRITTON BLVD	43	12970	4079	ALBRITTON BLVD	RESIDENTL	11/1/2006
10006915	#38 DAWKINS FARM	4067	4067 ALBRITTON BLVD	43	12985	4067	ALBRITTON BLVD	RESIDENTL	12/15/2006
10166		8145	8145 ALEXANDER RD	3	33100	8145	ALEXANDER RD	SM COMM	6/11/2001
10165		8145	8145 ALEXANDER RD	3	33110	8145	ALEXANDER RD	SM COMM	6/11/2001
10163		8031	8031 ALEXANDER RD	3	33120	8031	ALEXANDER RD	SM COMM	6/11/2001
10164		8031	8031 ALEXANDER RD	3	33130	8031	ALEXANDER RD	SM COMM	6/11/2001
10162		7960	7960 ALEXANDER RD	3	33150	7960	ALEXANDER RD	RESIDENTL	6/11/2001
10161		7954	7954 ALEXANDER RD	3	33160	7954	ALEXANDER RD	RESIDENTL	6/11/2001
10160		7910	7910 ALEXANDER RD	3	33180	7910	ALEXANDER RD	RESIDENTL	6/11/2001
10014136	METRO	9200	9200 ALEXANDER RD	3	36605	9200	ALEXANDER RD	SM COMM	3/22/2021
10014137	METRO	9200	9200 ALEXANDER RD...	3	36606	9200	ALEXANDER RD	SM COMM	3/22/2021
10157		7670	7670 ALEXANDER RD	3	69002	7670	ALEXANDER RD	RESIDENTL	6/10/2001
10128		7040	7040 ALEXANDER RD	5	97702	7040	ALEXANDER RD	RESIDENTL	6/11/2001
10129		7054	7054 ALEXANDER RD	5	97800	7054	ALEXANDER RD	RESIDENTL	6/11/2001
10130		7070	7070 ALEXANDER RD	5	97900	7070	ALEXANDER RD	RESIDENTL	6/11/2001

City of Olive Branch

DASHBOARD

LEAD & COPPER WEB/FIELD MAPPING
APPLICATION

THANK YOU

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GIS MANAGER



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