



Louisville Water Company (LWC) Inspection Services

Project Highlights

Project Types

- Water main replacement
- Water main relocation
- Highway widening
- Transferring domestic services
- Fire hydrant replacement
- Fire hydrant relocation
- Lead Pipe replacement

Services Provided

- Time Management
- Adhering to design specifications
- Construction Management
- Inspection services

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Louisville Water Company provides “high-quality drinking water” to about 850,000 people in Louisville, Kentucky and the surrounding areas. In conjunction with the goals of LWC’s Main Replacement and Rehabilitation Program (MRRP), RA has a team of construction managers and inspectors working alongside LWC to ensure the projects are completed while maintaining these goals. Several RA team members work thoroughly to oversee and inspect contractors’ work. Below are a few of the LWC projects that RA provided 3rd party inspection services for:

Highway 22, Section 2 – This is a Kentucky State Highway widening project just east of the Gene Snyder Freeway (I-265). The project consists of relocating about 8,000 feet of 16”, 12” and 8” water mains.

Harmany Landing Phase 1 – This water main replacement project involved upgrading the existing 8” water main to about 8,000 feet of 12” ductile iron and high density polyethylene (HDPE) water main in the Goshen, Kentucky area of Oldham County. There were 10 fire hydrant replacements and about 60 domestic service transfers.

Shelbyville Road – This water main replacement project consisted of upgrading 750 feet of 12” water main to 16” water main. Also, one fire hydrant needed replaced and 4 domestic services needed transferred.

National Turnpike – Between Alma Lynn Drive and South Park Road, Louisville Water Company is replacing 1000 feet of 6” asbestos water main with 840 feet of 8” PVC and 185 feet of 12” ductile iron water main. Future plans for the area call for the installation of a pressure reducing valve at the intersection of South Park Road and National Turnpike in southern Jefferson County.

Strawberry Lane – LWC is relocating approximately 800 feet of 12” water main between Almond Avenue and Rochester Drive due to development at Louisville International Airport.

Glendora Avenue Lead Service Renewal (LSR) – LWC is replacing approximately 100 lead service lines with new 3/4-inch copper service lines, from existing water main to customers’ property connections. In conjunction with renewing the lines, this project intends to educate the community about the ill effects of using lead pipe.

Avis Lane/Nitta Yuma Drive – LWC is installing 5255 feet of HDPE and Ductile Iron water main varying in size from 12” to 2 feet. The construction team will use any of three methods to install the pipe: Pipe Bursting, Directional/Free Boring, and Open Trenching.

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