

Lincoln Water System Spring Meeting - March 2008

- Excavation Permit Revisions
- Tracer Wire Installation
- Hydrant Orientation
- Flushing and Disinfection
- Corrosion
- Construction Checklist

Excavation Permits

Revisions - LMC Title 14.70

- Mark route of excavation - "white lining"
- Cost recovery for repeat requests
- Hand digging when in close proximity to utilities
- Boring or tunneling requires potholing

Reminder: One call system is not intended for survey and design locates. Contact PWU for information.

Tracer Wire Installation

LSP 330, page 1

Hydrant Orientation

LSP 330, page 2

Flushing and Disinfection

- Disinfection and bacteriological testing must be completed before placing main into to service.
- Physical separation between existing system and new main is safest until testing is completed.
- Health risks are primary concern

Corrosion

- Ductile iron, steel and concrete pipe
- Polyethylene encasement is key on DI
- Cathodic protection of DI pipe becoming more prevalent
- Maintain integrity of PE during installation, tapping and repairs
- Retrofitting of CP systems

Ductile Iron Pipe



Cast Iron vs Ductile Iron Thickness

Water Main Construction Checklist