

# Riser Identification Program

2015-2017



# What prompted identification of Field Assembled Risers?

- **Polar Vortex a few years ago**
  - Found multiple leaking risers on customer owned facilities
  - Identified the types of risers as Field Assembled

# Establishing a Plan

- **How are we going to capture the Data?**
- **Who is going to perform the work?**
- **What is the timeframe to have all risers identified?**
- **What is the plan for remediation?**

# How....

- **Looked at our system and functionality**
  - How can we have the data available to us?
- **Other systems available to capture data**
  - Other states were developing a program for leak inspection and other functions
- **A way to tie risers into an existing function**
  - Service orders
  - Leak inspection
  - Inside inspections

# Who...

- **Who visits our meter sets on a consistent basis?**
    - Service techs
    - **Leak Inspectors**
    - Contractors
  
  - **Who has the knowledge or training to identify the risers?**
    - Service techs
    - **Leak Inspectors**
    - Contractors
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## Timeframe...

- **Leak Inspection on CSLs are done on a 3 year cycle**
- **2015 through 2017**
  - By the end of 2017, every Riser will have been identified
  - Leak Inspectors identified each Riser while completing the CSL inspection
  - Pictures were taken of each Riser

# Remediation...

- **Company Owned Service Lines**

- Established a program to replace the identified Field Assembled Risers, as appropriate.

- **Customer Owned Service Lines**

- Data is being gathered to establish a plan for replacement of Field Assembled Risers, as appropriate.
- Some Service Lines are being replaced as part of Columbia's accelerated main replacement program, per PUC approval in Docket No. 00072337.

# Training...

- **Booklets made to show examples of each riser**
  - Distributed to Company personnel and Contractors
  - Discussed some minor differences to look for in some Riser types

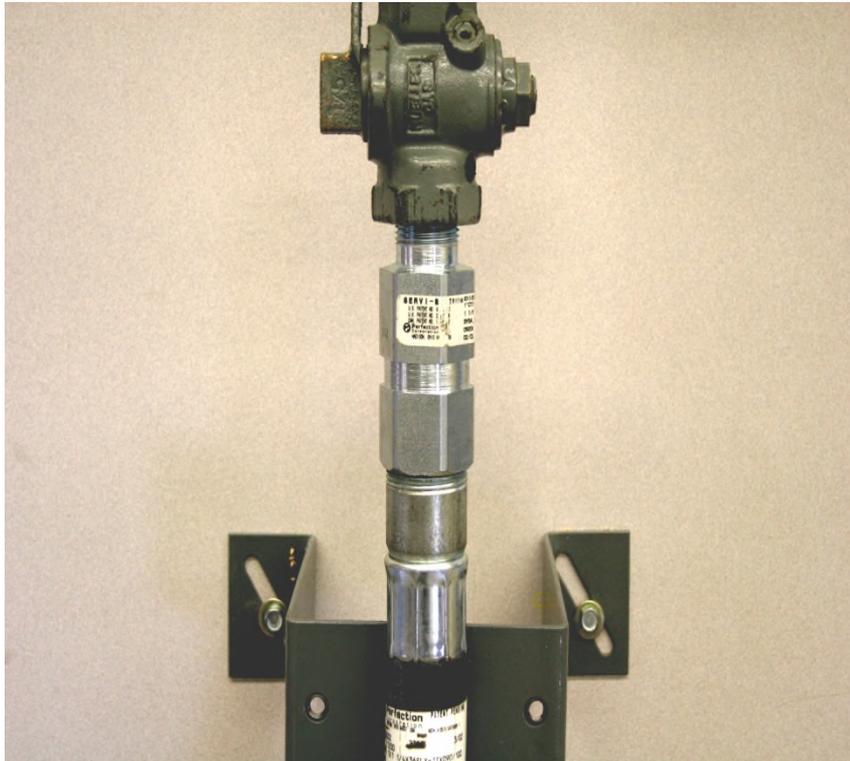
# PLASTIC RISER FIELD ASSEMBLED CONTINENTAL



# PLASTIC RISERS FIELD ASSEMBLED NORMAC



# PLASTIC RISERS FIELD ASSEMBLED PERFECTION / PERMASERT



# PLASTIC RISERS FACTORY ASSEMBLED

## APPROVED PERFECTION RETROFIT



- PC07 STAMP ON HEX NUT (3 sides)
- “FACTORY ASSEMBLED” LABEL
- CRIMPED SHROUD OVER THREADED SECTION
- PART # 71800
- RISER CODE – EC10

# FREQUENTLY MISIDENTIFIED FIELD ASSEMBLED RISERS



**Notice the differences between The Normac and the Rob Roy risers.**



**NORMAC**

**ROB ROY**

# FREQUENTLY MISIDENTIFIED FACTORY ASSEMBLED RISERS

Perfection Riser

notice  
channel



ECSI Riser



# The Program... NiFast



## Log in

User name

Password

Tech Id

Log In

NiFast ©NiSource

Service Line Inspection Program (SLIP) Survey

Build: 20170815.113356.206

# The Program... NiFast

Field Assembled Riser	<input checked="" type="checkbox"/> No
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## The Program... NiFast

Field Assembled Riser

Yes

Riser Type



Chicago Fitting  
Continental Industries  
Dresser Industries  
LYALL  
INNER TITE  
NORMAC  
Perfection Corp.  
ROB ROY  
UPONOR  
USPOLY  
Wayne Manufacturing  
Unknown

## The Program... NiFast

- **Data goes to a database where all the data is stored.**

## The Benefits...

- **Pictures can be pulled for each meter to look at without a field visit.**
  - **A tech can pull a picture up from a previous survey for hard to find meters or properties.**
  - **GPS coordinates can be snapped while onsite at the meter to help find meters in the future.**
- **Farm taps may be easier to find from previous survey data.**
  - **Knowledge of our system and areas for improvement.**
  - **Data to be discussed in our DIMP meetings**

# Questions???