

**METHOW VALLEY IRRIGATION DISTRICT**  
**RESOLUTION 18. 03**  
**DETECTABLE MARKING TAPE AND LOCATING WIRE**

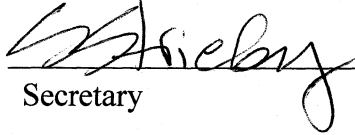
WHEREAS, The Methow Valley Irrigation District's Board of Directors has found it in the best interests of the district to propose a policy for the installation of detectable marking tape and locating wire;

NOW THEREFORE BE IT RESOLVED, That all new MVID facilities, whether installed by the district or by any other installer, shall comply with the following policy for the installation of detectable marking tape and locating wire:

1. The installer shall furnish and install detectable marking tape and locating (tracer) wire over all buried, non-conductive service lines.
2. Detectable marking tape shall be purple or labeled "non-potable" and shall also have the word "Caution" prominently shown.
3. Detectable marking tape shall be placed at a depth of 12" (twelve inches) above the pipe and shall extend along the full length of the pipe.
4. Detectable marking tape shall consist of inert polyethylene plastic that is impervious to all known alkalis, acids, chemical reagents, and solvents likely to be encountered in the soil, with a metallic foil core to provide for the most positive detection and pipeline location *or* shall meet the requirements of Section 9-15.18 of the WSDOT *Standard Specifications for Road, Bridge and Municipal Construction* (edition current at the time of installation).
5. Locating wire shall be placed directly on the pipe, loosely enough to prevent stretching and damage; shall extend along the full length of the pipe; and shall be taped to the pipe at approximately 25' (twenty-five-foot) intervals to help prevent damage to the wire during back filling or when digging around the pipe in the future.
6. Locating wire shall be UL listed for direct burial, Type UF, HDPE or HMWPE-coated, 12-gauge solid copper. Nylon PVC coated THHN wire shall not be used. The wire will be laid loosely enough to prevent stretching and damage. The wire will be brought up and tied off at valve body, meter setter, or other fitting or structure as necessary. Sufficient wire to allow a minimum of 2 (two) feet (slack) above final grade shall be coiled/looped into the valve box or structure to ensure the end of the wire will be accessible to hook up to a locator.
7. A 1-pound magnesium anode will be buried with the wire and every 1,000 linear feet thereafter for cathodic protection of the locating wire. All locating wire splices and connections will join wires both mechanically and electrically and will employ epoxy resin or heat-shrink tape insulation.
8. Locating wire shall be tested by an approved locating company prior to MVID's acceptance of the installation. A written notice from the contractor to MVID at least two working days prior to the test is required; such notice is to include information on the relevant experience of the company proposed to complete the testing.

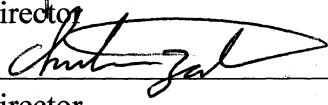
Passed and approved this 12<sup>th</sup> day of February 2018.

ATTEST:

  
Secretary

  
Director

MARK SWAN EDSON

  
Director

