MODIFICATIONS TO TUCSON WATER STANDARD WATERWORKS SPECIFICATION NO. 1440, FITTINGS, FLEXIBLE COUPLINGS, AND REPAIR CLAMPS

1440.0201 Materials.

(A) Fittings.

ADD THE FOLLOWING BEFORE PARAGRAPH ONE OF ITEM NUMBER (1):

When available, fittings shall be ductile iron.

REMOVE PARAGRAPH THREE OF ITEM NUMBER (1) AND REPLACE WITH THE FOLLOWING:

All plugs, caps, and blind flanges used for stub-outs shall be tapped for a 2-inch national pipe thread (NPT) and shall meet the requirements of the applicable AWWA Specifications.

ADD THE FOLLOWING BEFORE PARAGRAPH ONE OF ITEM NUMBER (2):

The use of fabricated steel fittings shall only be authorized where shown in the plans or special specifications.

ADD THE FOLLOWING BEFORE PARAGRAPH ONE OF ITEM NUMBER (3):

The use of polyvinyl chloride (PVC) pressure fittings shall only be authorized where shown in the plans or special specifications.

REMOVE PARAGRAPH THREE OF ITEM NUMBER (3)

(B) Flexible Couplings.

REMOVE PARAGRAPH THREE AND REPLACE WITH THE FOLLOWING:

Nuts and bolts for couplings 2 inch in diameter and smaller shall be stainless steel. Nuts and bolts for couplings larger than 2 inches in diameter shall be stainless steel type 304.─Stainless steel nuts or bolts shall be factory coated with anti-seize material.

(C) Repair Clamps.

REMOVE PARAGRAPH THREE AND REPLACE WITH THE FOLLOWING:

All repair clamp components shall be constructed of Type 304 stainless steel. The gasket shall consist of gridded rubber material having tapered ends suitable for the liquid in the pipeline.

REMOVE PARAGRAPH FOUR AND REPLACE WITH THE FOLLOWING:

Repair clamps smaller than 2-inch in diameter shall have stainless steel nuts and bolts. Nuts or bolts shall be factory coated with anti-seize material.

1440.0301 Installation.

(A) General.

REMOVE PARAGRAPH TWO AND REPLACE WITH THE FOLLOWING:

All fittings, flexible couplings, and repair clamps, which are to be buried, shall be encased with 8 mil polyethylene in accordance with AWWA C105, Method C.