RAILROAD COMMISSION OF TEXAS
Oversight and Safety Division

Notice To Pipeline Operators

Update to Attribute Definitions Available Online

On November 19, 2019, an updated Texas Pipeline Mapping System (TPMS) *Attribute Definitions, Valid Codes and Digital Projection Requirements* will be available on the Railroad Commission of Texas website at https://rrc.texas.gov/pipeline-safety/mapping/digital-submissions/.

The TPMS is a Geographic Information System database that requires pipeline attributes to be represented by certain codes. The attribute definitions are the required fields that pipeline operators must follow when submitting shapefiles to pass validations. The requirement document defines the required attribute fields within the database; and explains which codes are valid representations of those attributes.

The updated requirement document now features the Texas Regulated Calculation split into liquid and gas. In addition, a calculation was added to the requirements for (TX_REG = N if COMMODITY1 = NFG and LOC_DES = 1) and 'OGT' was included with (TX_REG = Y if COMMODITY1 = AA, CO2, NGT, or OGT) as they were indadvertently omitted from past Texas Regulated Calculation.

There is a new validation toolbar in ArcGIS that will automatically perform the calculation to determine whether a pipeline segment is Texas Regulated, based on logic outlined below.

TX Regulated Calculation for Liquid Permits

TX_REG = N if INTERSTATE = Y
TX_REG = N if STATUS_CD = B and LOC_DES = N or R
TX_REG = N if COMMODITY1 = CRL and LOC_DES = R
TX_REG = Y if COMMODITY1 = CRA and LOC_DES = R
TX_REG = Y if COMMODITY1 = CRL, USA = Y, SMYS >= 20%, DIAMETER = 6.63" - 8.63", and LOC_DES = R
TX_REG = Y if COMMODITY1 = CFL, USA = Y, SMYS >= 20%, DIAMETER = 6.63" - 8.63", and LOC_DES = R
TX_REG = Y if COMMODITY1 = CRO, PRD or HVL
TX_REG = Y if COMMODITY1 = CRL and LOC_DES = N
TX_REG = Y if COMMODITY1 = CFL and LOC_DES = N

TX Regulated Calculation for Gas Permits

TX_REG = N if INTERSTATE = Y
TX_REG = N if STATUS_CD = B and LOC_DES = 1, 2, 3 or 4
TX_REG = N if COMMODITY1 = NGG and LOC_DES = 1

TX_REG = Y if COMMODITY1 = NGZ and LOC_DES = 1
TX_REG = Y if COMMODITY1 = AA, CO2, NGT, or OGT
TX_REG = Y if COMMODITY1 = NGG and LOC_DES = 2, 3, or 4
TX_REG = Y if COMMODITY1 = NFG and LOC_DES = 2, 3, or 4

If there are any questions or to request the updated requirements document, please contact the RRC's Pipeline Mapping Department at tpms@rrc.texas.gov or 512-463-7058.

Please Forward to the Appropriate Section of Your Company