



DENTON HIGH SCHOOL NO. 4 SANITARY SEWER COST

September 8, 2015

The following costs are based on the following:

1. Public Criteria form FWSD 11A – costs will be verified upon execution of an agreement
2. 2400 Student High School (current construction plan) – all costs are calculated on a 2400 student high school.
3. The high school master plan does allow for a future expansion to a 3,000 student campus. Expansion of the campus to 3,000 students is not part of the current plans and would only be done as part of a future bond program.

CURRENT PLAN – Freshwater Supply District 11A

Infrastructure Cost (Existing Lift Station)

Existing Lift Station Upgrades..... \$ -0-

Note: If the high school is expanded to 3,000 students, the downstream lift station within 11A would need to be upgraded. Estimated cost for future upgrades is approximately \$50,000.

Development Cost (Approximate)

Infrastructure Pro-Rata and Interest (2400 students) ¹	<u>\$193,440</u>
Waste Water Treatment Plant Charges ²	<u>\$187,500</u>
TOTAL COST	<u>\$380,940</u>

Monthly Sewer Charges: \$2,000/month (Based on published rate order)

¹See Exhibit B attached. District 11A performed a charge based on 3,000 students (\$217,665.02). This is revised to reflect the current construction plan for 2,400 as published in the approved bond. This number may want to be modified further as the school will not open at 2400 students; a sewer metering station has been installed to read the actual flows so that an exact flow rate can be determined.

²See Alternate Plan – Mustang SUD on next sheet. Mustang SUD is the utility provided and this tap fee would be paid to them for the Waste Water Treatment Plant Charges.



ALTERNATE PLAN – Mustang S.U.D.

Infrastructure Cost

New Lift Station and Force Main (by Denton ISD)..... \$419,000¹

This costs includes construction of a New Lift Station and 3,425 LF -6” force main. See attached cost opinion dated Sept. 8, 2015 by TNP. Final cost subject to bidding by on-site General Contractor.

Development Cost

Sewer Tap Fee.....\$187,500

This costs is based on Mustang Rate Order (Pg. 5) and includes the waste water treatment plant cost. Calculation based on the following:

1-6” water meter (\$125,000 each) = \$125,000

1-4” water meters (\$62,500 each) = \$ 62,500

(There are actually 3-4” meters which would generate the following: 3-4” water meters \$62,500 each = \$187,500; Mustang has agreed waive a charge for 2-4” meters - \$125,000 since the high school is off=peak from the normal residential flow)

TOTAL COST\$606,500

Estimated Monthly Sewer Charges: \$2,600/month

This is an approximated cost based on the 12-gallons/student/day for 20-days each month; actual costs will vary depending on actual rate of flow. Costs will reduce in the summer months.

¹Mustang SUD has agreed to take over all maintenance and operation costs for the lift station. There are no future costs for maintenance of the system.