



Enprotec / Hibbs & Todd

JCSUD Wastewater Feasibility Evaluation

GENERAL INFORMATION

Development Name: Wendy's in Joshua

Development Connections:

1

Sewer System Discharge Location:

Gravity

Development Location (approximate):

SW corner of 8th St and Hwy 174

Lump Sum Fee Proposal: \$425.00

Approved by: *Nan Bise System Development Supervisor*

Dana Collier, Deputy GM - System Development & Operations

Date: 04/07/2022

RESULTS

Adequate Lift Station Pumping Capacity: ☒ Yes ☐ No ☐ N/A

Adequate Lift Station Wet Well Capacity: ☒ Yes ☐ No ☐ N/A

Adequate Downstream Pipe Capacity: ☒ Yes ☐ No

Adequate Treatment Plant Capacity: ☒ Yes ☐ No

If no explain:

Off-Site Improvements Needed: ☐ Yes ☒ No

If Yes, See Attached Exhibit.

Date Performed: 04/07/2022

**Please make note the analysis is evaluated with JCSUD's minimum line size. Any offsite or larger lines are listed in the analysis. Please reference JCSUD specifications for minimum line size.*

**The hydraulic analysis does not hold capacity within the district's system. It is an overview study for your development within the system as of the date of this analysis.*

**With growth and additional infrastructure being installed within the system, this study is subject to change.*



04 - 07 - 2022



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JCSUD Water Feasibility Evaluation

GENERAL INFORMATION

Development Name: Wendy's in Joshua

Development Connections:

1

Pressure Plane:

Pressure Plane 34

Location (approximate):

SW corner of 8th St and Hwy 174

Lump Sum Fee Proposal: \$550.00

Approved by: *Nan Bise System Development Supervisor*

Dana Collier, Deputy GM - System Development & Operations

Date: 04/07/2022

MODELING RESULTS (existing infrastructure)

Maintains 35 psi @ 1.2 gpm/conn: ☐ Yes ☒ No

System Meets TCEQ Requirements: ☒ Yes ☐ No

Estimated Fire Flow @ Development: 1100 gpm 20 psi

Off-Site Improvements Needed: ☒ Yes ☐ No If Yes, see attached exhibit for required off-site improvements.

MODELING RESULTS (with improvements)

Maintains 35 psi @ 1.2 gpm/conn (with improvements): ☒ Yes ☐ No ☐ Not Applicable

System Meets TCEQ Requirements (with improvements): ☒ Yes ☐ No ☐ Not Applicable

Estimate Fire Flow @ Development (with improvements): 1500 gpm 20 psi ☐ Not Applicable

Date Performed: 04/07/2022

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