WATER AND WASTEWATER

UNSERVED AREAS PROGRAM

SEPTEMBER 2020

dallas water utilities
ctu of dallas
I. BACKGROUND

The original 1989 Dallas Water Utilities (DWU) Unserved Areas Report identified 125 geographical areas throughout the City needing water and/or wastewater service. In June 2019, DWU updated the report with the latest GIS water and wastewater infrastructure data, and identified a total of 62 geographical areas still in need of service, at an estimated cost of $67.8M dollars. The reduction in the number of areas since the 1989 report can be attributed to development activities over the last 30 years.

In an effort to improve equity across DWU’s water and wastewater systems and provide service to all Dallas residents, DWU is in the process of updating the Unserved Areas Report to include 1) a breakdown of Occupied vs. Unoccupied areas, 2) the estimated cost of infrastructure to serve these areas, and 3) a prioritized list of projects based on factors including cost, number of residents benefitted, and synergies with other City projects and initiatives. Preliminary information for the 2020 update shows the total number of unserved areas to be 61 (47 Occupied), and a funding need of approximately $62M dollars ($34M Occupied). The 2020 update of the Unserved Areas report is scheduled to be complete by mid-September 2020.

II. CURRENT UNSERVED AREA NEEDS

Each unserved area in the City has been identified and categorized as an occupied or unoccupied area. Maps have been developed for all areas showing the individual lots to be served, the infrastructure required to serve these lots and the estimated cost to construct the improvements.

The data used to compile this report is available at the following address – https://gisdwu.dallascityhall.com/Unserved/
Below is an example of the individual maps that have been created for each of the 61 areas. This particular area is located in southeast Dallas, adjacent to Kleberg Road in Council District 8 –

The following table summarizes the estimated water and wastewater needs to serve all unserved areas (2020 Data by Council District) -

<table>
<thead>
<tr>
<th>Council District</th>
<th>Total Number of Unserved Areas</th>
<th>Approximate Water Cost</th>
<th>Approximate Wastewater Cost</th>
<th>Total Unserved Construction Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>$0</td>
<td>$2,568,000</td>
<td>$2,568,000</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>$0</td>
<td>$438,000</td>
<td>$438,000</td>
</tr>
<tr>
<td>3</td>
<td>21</td>
<td>$6,796,000</td>
<td>$22,703,000</td>
<td>$29,499,000</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>$509,000</td>
<td>$705,000</td>
<td>$1,214,000</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
<td>$318,000</td>
<td>$1,122,000</td>
<td>$1,440,000</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>$0</td>
<td>$949,000</td>
<td>$949,000</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>$0</td>
<td>$4,370,000</td>
<td>$4,370,000</td>
</tr>
<tr>
<td>8</td>
<td>26</td>
<td>$2,653,000</td>
<td>$18,382,000</td>
<td>$21,035,000</td>
</tr>
<tr>
<td>9-14</td>
<td>0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Total</td>
<td>61</td>
<td>$10,276,000</td>
<td>$51,237,000</td>
<td>$61,513,000</td>
</tr>
</tbody>
</table>
The following table summarizes the estimated water and wastewater needs to serve occupied unserved areas (2020 Data by Council District)

<table>
<thead>
<tr>
<th>Council District</th>
<th>Number of Occupied Unserved Areas</th>
<th>Number of Occupied Residences</th>
<th>Approximate Water Cost</th>
<th>Approximate Wastewater Cost</th>
<th>Total Unserved Construction Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>$0</td>
<td>$750,000</td>
<td>$750,000</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>2</td>
<td>$0</td>
<td>$438,000</td>
<td>$438,000</td>
</tr>
<tr>
<td>3</td>
<td>11</td>
<td>213</td>
<td>$894,000</td>
<td>$11,015,000</td>
<td>$11,909,000</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>8</td>
<td>$0</td>
<td>$705,000</td>
<td>$705,000</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>3</td>
<td>$0</td>
<td>$233,000</td>
<td>$233,000</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>8</td>
<td>$0</td>
<td>$912,000</td>
<td>$912,000</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>37</td>
<td>$0</td>
<td>$3,782,000</td>
<td>$3,782,000</td>
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<tr>
<td>8</td>
<td>24</td>
<td>191</td>
<td>$506,000</td>
<td>$14,537,000</td>
<td>$15,043,000</td>
</tr>
<tr>
<td>9-14</td>
<td>0</td>
<td>0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Total</td>
<td>47</td>
<td>465</td>
<td>$1,400,000</td>
<td>$32,372,000</td>
<td>$33,772,000</td>
</tr>
</tbody>
</table>

The following lists the unserved areas, sorted by Council District, with estimated costs for occupied and total area. (Projects are listed in numerical order by map number and have not yet been ranked)

**Council District 1**

- 43-3-A N. Westmoreland at Canyon Bluff: Occupied Cost $113,000, Total Cost $248,000
- 43-3-B W. Colorado at N. Westmoreland: Occupied Cost $637,000, Total Cost $2,320,000

**Council District 2**

- 47-3-A Tenison Parkway: Occupied Cost $438,000, Total Cost $438,000

**Council District 3**

- 52-1-A W. Jefferson at Counts Blvd.: Occupied Cost $195,000, Total Cost $316,000
- 52-3-A Ginger Ave. at Chalk Hill Trail Park: Occupied Cost $0, Total Cost $1,592,000
- 52-5-A 5811 W. Keist Blvd.: Occupied Cost $0, Total Cost $925,000
- 61A-1-A Mesquite Heights: Occupied Cost $2,131,000, Total Cost $5,024,000
- 61B-1-A 6000 W. Camp Wisdom: Occupied Cost $0, Total Cost $230,000
- 61B-1-B W. Camp Wisdom at Clarksridge: Occupied Cost $0, Total Cost $1,037,000
- 61B-2-A Red Bird Addn. No.7: Occupied Cost $4,743,000, Total Cost $4,743,000
- 61B-3-A Mountain Creek Lake Park: Occupied Cost $0, Total Cost $563,000
- 62-2-A S. Walton Walker Lot 2: Occupied Cost $0, Total Cost $102,000
- 62-2-B 3500 S. Walton Walker: Occupied Cost $0, Total Cost $162,000
- 62-2-C 2838 Duncanville Rd.: Occupied Cost $83,000, Total Cost $195,000
- 62-3-A 5100 Duncanville Rd.: Occupied Cost $0, Total Cost $281,000
- 62-3-B Tanzy Ln.: Occupied Cost $365,000, Total Cost $412,000
- 62-3-C Ranchero & Lantern: Occupied Cost $1,539,000, Total Cost $1,657,000
- 62-5-A 5420 W. Ledbetter: Occupied Cost $0, Total Cost $86,000
- 62-5-B Whispering Cedar Dr.: Occupied Cost $1,558,000, Total Cost $1,558,000
- 63-1-A Cedarhurst at Bonnywood: Occupied Cost $63,000, Total Cost $63,000
- 63-1-B S. Ravinia Dr.: Occupied Cost $48,000, Total Cost $57,000
- 63-2-A Delrey & Pastor Bailey: Occupied Cost $516,000, Total Cost $5,262,000
- 63-3-A Bluebird & Lovebird: Occupied Cost $0, Total Cost $4,541,000
- 63-3-B S. Cedar Circle Dr.: Occupied Cost $668,000, Total Cost $693,000
<table>
<thead>
<tr>
<th>Council District 4</th>
<th>Occupied Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-1-B S. RL Thornton at Overton</td>
<td>$291,000</td>
<td>$291,000</td>
</tr>
<tr>
<td>66-1-A Wadsworth Dr.</td>
<td>$50,000</td>
<td>$50,000</td>
</tr>
<tr>
<td>66-2-A Kolloch Dr.</td>
<td>$364,000</td>
<td>$873,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Council District 5</th>
<th>Occupied Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>59-1-A Wadlington Ave.</td>
<td>$233,000</td>
<td>$233,000</td>
</tr>
<tr>
<td>59-2-A Broadview St.</td>
<td>$0</td>
<td>$874,000</td>
</tr>
<tr>
<td>59-4-A Judkins St.</td>
<td>$0</td>
<td>$333,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Council District 6</th>
<th>Occupied Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>22-3-A Bickham Rd. &amp; Sandy Ln.</td>
<td>$821,000</td>
<td>$858,000</td>
</tr>
<tr>
<td>52-1-B 4915 W. Davis St.</td>
<td>$91,000</td>
<td>$91,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Council District 7</th>
<th>Occupied Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>47-1-A Crest Hill &amp; Hunnicut</td>
<td>$459,000</td>
<td>$459,000</td>
</tr>
<tr>
<td>47-2-A 5225 Barber Ave.</td>
<td>$340,000</td>
<td>$401,000</td>
</tr>
<tr>
<td>57-1-A Lake June Rd. at Pemberton Hill</td>
<td>$2,983,000</td>
<td>$3,510,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Council District 8</th>
<th>Occupied Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-2-A Beckleyside Dr.</td>
<td>$143,000</td>
<td>$218,000</td>
</tr>
<tr>
<td>65-1-A 5604 S. Lancaster Rd.</td>
<td>$494,000</td>
<td>$1,268,000</td>
</tr>
<tr>
<td>65-3-A Gooch St.</td>
<td>$0</td>
<td>$646,000</td>
</tr>
<tr>
<td>66-3-A Persimmon Rd. at Kitty St.</td>
<td>$0</td>
<td>$936,000</td>
</tr>
<tr>
<td>66-4-A Memory Lane Blvd. at Bonnieview</td>
<td>$467,000</td>
<td>$467,000</td>
</tr>
<tr>
<td>66-4-B Cedardale Dr. at Riverside Rd.</td>
<td>$580,000</td>
<td>$580,000</td>
</tr>
<tr>
<td>69-2-A Haymarket Rd. at St. Augustine Rd.</td>
<td>$1,234,000</td>
<td>$1,234,000</td>
</tr>
<tr>
<td>69-3-A CF Hawn Fwy. at Silverado Dr.</td>
<td>$419,000</td>
<td>$479,000</td>
</tr>
<tr>
<td>69-4-A Portnoma Ln.</td>
<td>$686,000</td>
<td>$686,000</td>
</tr>
<tr>
<td>69-5-A Timberloam Dr.</td>
<td>$363,000</td>
<td>$363,000</td>
</tr>
<tr>
<td>69-5-B Mickey Dr.</td>
<td>$193,000</td>
<td>$193,000</td>
</tr>
<tr>
<td>69-6-A Bloomfield Dr.</td>
<td>$331,000</td>
<td>$528,000</td>
</tr>
<tr>
<td>69-7-A Cade Rd. and Ellenwood Dr.</td>
<td>$386,000</td>
<td>$776,000</td>
</tr>
<tr>
<td>69-8-A S. Prairie Creek Rd. and Leon Dr.</td>
<td>$699,000</td>
<td>$1,089,000</td>
</tr>
<tr>
<td>69A-2-A Rylie Crest Dr.</td>
<td>$843,000</td>
<td>$1,621,000</td>
</tr>
<tr>
<td>69A-3-A Denmark St.</td>
<td>$124,000</td>
<td>$142,000</td>
</tr>
<tr>
<td>69A-3-B Windfall Cir.</td>
<td>$197,000</td>
<td>$344,000</td>
</tr>
<tr>
<td>69A-7-A Woody Rd. &amp; Royal Oaks Dr.</td>
<td>$1,785,000</td>
<td>$1,842,000</td>
</tr>
<tr>
<td>70-1-A Tanglewood Estates</td>
<td>$1,926,000</td>
<td>$1,955,000</td>
</tr>
<tr>
<td>70-2-A Oak Plaza</td>
<td>$103,000</td>
<td>$103,000</td>
</tr>
<tr>
<td>73-3-A Parakeet Ln. &amp; Hilloak Dr.</td>
<td>$287,000</td>
<td>$337,000</td>
</tr>
<tr>
<td>75-2-A E. Wheatland Rd. &amp; Mask Dr.</td>
<td>$1,229,000</td>
<td>$1,424,000</td>
</tr>
<tr>
<td>75-4-B Killough Blvd. &amp; Wasco Ln.</td>
<td>$414,000</td>
<td>$1,310,000</td>
</tr>
<tr>
<td>75-4-C Wheatland Road at Lancaster</td>
<td>$820,000</td>
<td>$820,000</td>
</tr>
<tr>
<td>76-1-A Cleveland Rd. &amp; Bonnie View Rd.</td>
<td>$662,000</td>
<td>$662,000</td>
</tr>
<tr>
<td>76-1-C Telephone Rd. &amp; Van Horn Dr.</td>
<td>$658,000</td>
<td>$1,012,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Council District 9-14</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No Areas Currently Identified</td>
<td></td>
</tr>
</tbody>
</table>

Unserved Areas Program – September 4, 2020
III. WORK ACCOMPLISHED SINCE THE 2019 UPDATE

Subsequent to last year’s update, progress has been made in extending water and wastewater infrastructure in several unserved areas.

The design for University Hills Phase I is complete and the construction is expected to start by the end of the year. Design for Phase II is expected to be complete by the end of the year, with construction starting next summer. DWU is also addressing a couple of other unserved projects, including construction of a water main extension to provide water service in the Mesquite Heights neighborhood (District 3) and the design of a water main extension in Prairie Creek Road, just west of St. Augustine Road, which will improve water service and fire protection (District 8).

IV. TASKS CURRENTLY UNDERWAY AND SCHEDULE MOVING FORWARD

Dallas Water Utilities has developed preliminary scoring criteria which will be used in ranking the projects and developing the multi-year capital improvement plan. The proposed criteria and scoring is as follows -

1. **Cost/Benefit Score (0-5 points)** – This criteria is based on the total cost of the project divided by the total number of parcels (occupied and unoccupied) being served.

<table>
<thead>
<tr>
<th>COST PER PARCEL RANGES</th>
<th>SCORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0 - $21,000</td>
<td>5</td>
</tr>
<tr>
<td>$22,000 - $39,000</td>
<td>4</td>
</tr>
<tr>
<td>$40,000 - $80,000</td>
<td>3</td>
</tr>
<tr>
<td>$81,000 - $100,000</td>
<td>2</td>
</tr>
<tr>
<td>$101,000 - $200,000</td>
<td>1</td>
</tr>
<tr>
<td>More than $200,000</td>
<td>0</td>
</tr>
</tbody>
</table>

2. **Quality of Life / Environmental (0-5 points)** – This criteria is based on the number of occupied parcels being served by each project. The higher number of occupied parcels being served, the greater number of residents being served and the greater number of septic systems and/or wells being removed.

<table>
<thead>
<tr>
<th>NUMBER OF OCCUPIED PARCELS</th>
<th>SCORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 50</td>
<td>5</td>
</tr>
<tr>
<td>50 - 11</td>
<td>4</td>
</tr>
<tr>
<td>10 - 6</td>
<td>3</td>
</tr>
<tr>
<td>5 - 3</td>
<td>2</td>
</tr>
<tr>
<td>2 - 1</td>
<td>1</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
3. **Other City Initiatives and Projects (0-5 points)** – Unserved Areas that are aligned with other City initiatives or could benefit from synergies with existing City projects will be given additional points under this criteria. As an example, projects located within reinvestment areas associated with the City of Dallas – Comprehensive Housing Policy would receive additional points. Points would also be given to areas where other City capital projects were underway and efficiencies could be realized by joint implementation of the projects.

<table>
<thead>
<tr>
<th>SYNERGIES WITH OTHER CITY PROJECTS AND INITIATIVES</th>
<th>SCORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent synergy with high priority initiatives/projects</td>
<td>5</td>
</tr>
<tr>
<td>Excellent synergy with longer term initiatives/projects</td>
<td>4</td>
</tr>
<tr>
<td>Greater synergy with other initiatives/projects</td>
<td>3</td>
</tr>
<tr>
<td>Moderate involvement with other initiatives/projects</td>
<td>2</td>
</tr>
<tr>
<td>Slight involvement with other initiatives/projects</td>
<td>1</td>
</tr>
<tr>
<td>No involvement with other initiatives/projects</td>
<td>0</td>
</tr>
</tbody>
</table>

DWU is currently prioritizing the projects listed above using the preliminary scoring criteria. Given the proposed criteria and scoring ranges, the maximum number of points any project can receive is 15. DWU also recently received information from the Texas Commission on Environmental Quality regarding permits for septic systems in Dallas County. We are currently reviewing that list and cross-checking with the information we have developed to date.

We will send out a preliminary report by the end of August seeking feedback from the appropriate stakeholders before finalizing the 2020 Unserved Areas update. Our goal is to complete the report update by mid-September, at which point, we will immediately begin design of the highest priority projects.

It should be noted, that we expect areas to be added to the list that may have been initially overlooked, or conversely, dropped from the list as development occurs. The Unserved Areas program will be reviewed annually to confirm current project needs and priorities, as well as coordinate with other City initiatives.

V. **FUNDING AND MANAGEMENT OF THE UNSERVED AREAS PROGRAM**

The Unserved Areas program will require an annual budget of approximately $3 million dollars in order to eliminate all identified occupied unserved areas within the next 10 years. The program will be supported through a dedicated 0.5% increase in DWU’s street rental fee. Moving forward, the overall program will be managed by the Office of the Bond Program, with DWU being responsible for construction of the infrastructure improvements.
## Appendix A - Current Project Rankings Based on Preliminary Scoring Criteria

<table>
<thead>
<tr>
<th>Map Number</th>
<th>Location</th>
<th>Council District</th>
<th>Occupied Construction Cost</th>
<th>Total Construction Cost</th>
<th>Cost - Benefit</th>
<th>Quality of Life / Environ.</th>
<th>City Projects and Initiatives</th>
<th>Total Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>61A-1-A</td>
<td>Mesquite Heights</td>
<td>3</td>
<td>$2,131,000</td>
<td>$5,024,000</td>
<td>4</td>
<td>3</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>69A-7-A</td>
<td>Woody Rd. &amp; Royal Oaks Dr.</td>
<td>8</td>
<td>$1,785,000</td>
<td>$1,842,000</td>
<td>4</td>
<td>5</td>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>75-4-B</td>
<td>Killough Blvd. &amp; Wasco Ln.</td>
<td>8</td>
<td>$414,000</td>
<td>$1,310,000</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>64-2-A</td>
<td>Beckleyside Dr.</td>
<td>8</td>
<td>$143,000</td>
<td>$218,000</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>65-3-A</td>
<td>Gooch St.</td>
<td>8</td>
<td>0</td>
<td>$646,000</td>
<td>5</td>
<td>0</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>57-1-A</td>
<td>Lake June Rd. at Pemberton Hill</td>
<td>5,7</td>
<td>$2,983,000</td>
<td>$3,510,000</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>59-1-A</td>
<td>Wadlington Ave.</td>
<td>5</td>
<td>$233,000</td>
<td>$233,000</td>
<td>5</td>
<td>2</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>61B-2-A</td>
<td>Red Bird Addn. No.7</td>
<td>3</td>
<td>$4,743,000</td>
<td>$4,743,000</td>
<td>4</td>
<td>5</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>63-3-B</td>
<td>S. Cedar Circle Dr.</td>
<td>3</td>
<td>$668,000</td>
<td>$693,000</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>70-1-A</td>
<td>Tanglewood Estates</td>
<td>8</td>
<td>$1,926,000</td>
<td>$1,955,000</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>75-4-C</td>
<td>Wheatland Road at Lancaster</td>
<td>8</td>
<td>$820,000</td>
<td>$820,000</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>22-3-A</td>
<td>Bickham Rd. &amp; Sandy Ln.</td>
<td>6</td>
<td>$821,000</td>
<td>$858,000</td>
<td>3</td>
<td>3</td>
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<tr>
<td>66-4-A</td>
<td>Memory Lane Blvd. at Bonnieview</td>
<td>8</td>
<td>$467,000</td>
<td>$467,000</td>
<td>4</td>
<td>2</td>
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<tr>
<td>66-4-B</td>
<td>Cedardale Dr. at Riverside Rd.</td>
<td>8</td>
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<td>$580,000</td>
<td>3</td>
<td>3</td>
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<tr>
<td>69-8-A</td>
<td>S. Prairie Creek Rd. and Leon Dr.</td>
<td>8</td>
<td>$699,000</td>
<td>$1,089,000</td>
<td>1</td>
<td>2</td>
<td>5</td>
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<tr>
<td>69A-3-A</td>
<td>Denmark St.</td>
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<td>$142,000</td>
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<tr>
<td>70-2-A</td>
<td>Oak Plaza</td>
<td>8</td>
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<td>$103,000</td>
<td>5</td>
<td>1</td>
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<tr>
<td>47-1-A</td>
<td>Crest Hill &amp; Hunnicut</td>
<td>7</td>
<td>$459,000</td>
<td>$459,000</td>
<td>4</td>
<td>3</td>
<td>0</td>
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<tr>
<td>62-3-C</td>
<td>Ranchero &amp; Lantern</td>
<td>3</td>
<td>$1,539,000</td>
<td>$1,657,000</td>
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<tr>
<td>66-1-A</td>
<td>Wadsworth Dr.</td>
<td>4</td>
<td>$50,000</td>
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<td>Haymarket Rd. at St. Augustine Rd.</td>
<td>8</td>
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<td>69-5-A</td>
<td>Timberloam Dr.</td>
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<tr>
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<td>Rylee Crest Dr.</td>
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<tr>
<td>69A-3-B</td>
<td>Windfall Cir.</td>
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<td>$401,000</td>
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<td>Ginger Ave. at Chalk Hill Trail Park</td>
<td>3</td>
<td>0</td>
<td>$1,592,000</td>
<td>4</td>
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<tr>
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<td>Council District</td>
<td>Occupied Construction Cost</td>
<td>Total Construction Cost</td>
<td>Cost - Benefit</td>
<td>Quality of Life / Environ.</td>
<td>City Projects and Initiatives</td>
<td>Total Score</td>
</tr>
<tr>
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</tr>
<tr>
<td>63-2-A</td>
<td>Delrey &amp; Pastor Bailey</td>
<td>3</td>
<td>$516,000</td>
<td>$5,262,000</td>
<td>3</td>
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<td>2</td>
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<tr>
<td>69-4-A</td>
<td>Portnoma Ln.</td>
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<td>75-2-A</td>
<td>E. Wheatland Rd. &amp; Mask Dr.</td>
<td>8</td>
<td>$1,229,000</td>
<td>$1,424,000</td>
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<td>2</td>
<td>6</td>
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<tr>
<td>76-1-A</td>
<td>Cleveland Rd. &amp; Bonnie View Rd.</td>
<td>8</td>
<td>$662,000</td>
<td>$662,000</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>6</td>
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<tr>
<td>59-4-A</td>
<td>Judkins St.</td>
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<td>$333,000</td>
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<td>0</td>
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<tr>
<td>63-1-A</td>
<td>Cedarhurst at Bonnywood</td>
<td>3</td>
<td>$63,000</td>
<td>$63,000</td>
<td>4</td>
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<td>65-1-A</td>
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<td>66-3-A</td>
<td>Persimmon Rd. at Kitty St.</td>
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<td>69-7-A</td>
<td>Cade Rd. and Ellenwood Dr.</td>
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<td>$776,000</td>
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<tr>
<td>43-3-A</td>
<td>N. Westmoreland at Canyon Bluff</td>
<td>1,3</td>
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<td>$248,000</td>
<td>3</td>
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<tr>
<td>52-1-A</td>
<td>W. Jefferson at Counts Blvd.</td>
<td>3</td>
<td>$195,000</td>
<td>$316,000</td>
<td>3</td>
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<td>0</td>
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<td>52-1-B</td>
<td>4915 W. Davis St.</td>
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<td>59-2-A</td>
<td>Broadview St.</td>
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<td>Tanzy Ln.</td>
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<td>62-5-B</td>
<td>Whispering Cedar Dr.</td>
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<td>63-1-B</td>
<td>S. Ravinia Dr.</td>
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<td>$48,000</td>
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</tr>
<tr>
<td>63-3-A</td>
<td>Bluebird &amp; Lovebird</td>
<td>3</td>
<td>$0</td>
<td>$4,541,000</td>
<td>2</td>
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<tr>
<td>66-2-A</td>
<td>Kolloch Dr.</td>
<td>4</td>
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<td>69-5-B</td>
<td>Mickey Dr.</td>
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<td>69-6-A</td>
<td>Bloomfield Dr.</td>
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<td>73-3-A</td>
<td>Parakeet Ln. &amp; Hilloak Dr.</td>
<td>8</td>
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<td>$337,000</td>
<td>3</td>
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<td>62-2-A</td>
<td>S. Walton Walker Lot 2</td>
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<td>62-2-C</td>
<td>2838 Duncanville Rd.</td>
<td>3</td>
<td>$83,000</td>
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<td>62-3-A</td>
<td>5100 Duncanville Rd.</td>
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<td>62-5-A</td>
<td>5420 W. Lededbetter</td>
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<tr>
<td>64-1-B</td>
<td>S. RL Thornton at Overton</td>
<td>4</td>
<td>$291,000</td>
<td>$291,000</td>
<td>2</td>
<td>1</td>
<td>0</td>
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<tr>
<td>76-1-C</td>
<td>Telephone Rd. &amp; Van Horn Dr.</td>
<td>8</td>
<td>$658,000</td>
<td>$1,012,000</td>
<td>1</td>
<td>2</td>
<td>0</td>
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<tr>
<td>Map Number</td>
<td>Location</td>
<td>Council District</td>
<td>Occupied Construction Cost</td>
<td>Total Construction Cost</td>
<td>Cost - Benefit</td>
<td>Quality of Life / Environ.</td>
<td>City Projects and Initiatives</td>
<td>Total Score</td>
</tr>
<tr>
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</tr>
<tr>
<td>43-3-B</td>
<td>W. Colorado at N. Westmoreland</td>
<td>1,3</td>
<td>$637,000</td>
<td>$2,320,000</td>
<td>1</td>
<td>1</td>
<td>0</td>
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<tr>
<td>69-3-A</td>
<td>CF Hawn Fwy. at Silverado Dr.</td>
<td>8</td>
<td>$419,000</td>
<td>$479,000</td>
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<tr>
<td>47-3-A</td>
<td>Tenison Pkwy.</td>
<td>2</td>
<td>$438,000</td>
<td>$438,000</td>
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<td>0</td>
<td>1</td>
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<td>62-2-B</td>
<td>3500 S. Walton Walker</td>
<td>3</td>
<td>$0</td>
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<tr>
<td>52-5-A</td>
<td>5811 W. Keist Blvd.</td>
<td>3</td>
<td>$0</td>
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<td>0</td>
<td>0</td>
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<td>61B-1-A</td>
<td>6000 W. Camp Wisdom</td>
<td>3</td>
<td>$0</td>
<td>$230,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>61B-1-B</td>
<td>W. Camp Wisdom at Clarksridge</td>
<td>3</td>
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<td>$1,037,000</td>
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<tr>
<td>61B-3-A</td>
<td>Mountain Creek Lake Park</td>
<td>3</td>
<td>$0</td>
<td>$563,000</td>
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</tbody>
</table>
Project Area 43-3-A / N. Westmoreland at Canyon Bluff

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 1

Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 4
Approximate unserved area (Acre): 11.9
Needed Wastewater main length (ft): 830
Needed Wastewater main cost: $248,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $248,000

Unserved Properties (Occupied)
Number of unserved properties: 1
Needed Wastewater main length (ft): 380
Needed Wastewater main cost: $113,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $113,000

Unserved Properties
Needs Water Service
Needs Wastewater Service
Needs Water/Wastewater Service

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Date: 8/12/2020

Lift Station Required
Wastewater Extension (to Occupied)
Wastewater Main Extension
Water Extension (to Occupied)
Water Main Extension
Occupied Property Classes
Unserved Properties

[Map and diagram with various colored lines indicating service extensions and cost estimates]
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 3
Unserved Properties (Occupied & Unoccupied)

| Number of unserved properties: | 5   |
| Approximate unserved area (Acre): | 3.9 |
| Needed Wastewater main length (ft): | 1,050 |
| Needed Wastewater main cost: | $316,000 |
| Needed Lift Station cost: | $0 |
| Needed Water main length (ft): | 0 |
| Needed Water main cost: | $0 |
| Total estimated cost: | $316,000 |

Unserved Properties (Occupied)

| Number of unserved properties: | 2   |
| Needed Wastewater main length (ft): | 650 |
| Needed Wastewater main cost: | $195,000 |
| Needed Lift Station cost: | $0 |
| Needed Water main length (ft): | 0 |
| Needed Water main cost: | $0 |
| Occupied estimated cost: | $195,000 |

Date: 8/12/2020

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Project Area 52-3-A / Ginger Ave. at Chalk Hill Trail Park

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 3

Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 44
Approximate unserved area (Acre): 7.8
Needed Wastewater main length (ft): 2,480
Needed Wastewater main cost: $743,000
Needed Lift Station cost: $0
Needed Water main length (ft): 3,400
Needed Water main cost: $849,000
Total estimated cost: $1,592,000

Unserved Properties (Occupied)
Number of unserved properties: 0
Needed Wastewater main length (ft): 0
Needed Wastewater main cost: $0
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $0

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Date: 8/12/2020

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### Project Area 52-5-A / 5811 W. Keist Blvd.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

## Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of unserved properties</th>
<th>Approximate unserved area (Acre)</th>
<th>Needed Wastewater main length (ft)</th>
<th>Needed Wastewater main cost</th>
<th>Needed Lift Station cost</th>
<th>Needed Water main length (ft)</th>
<th>Needed Water main cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unserved Properties (Occupied)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Unserved Properties (Unoccupied)</td>
<td>1</td>
<td>9.5</td>
<td>2.020</td>
<td>$525,000</td>
<td>$400,000</td>
<td>0</td>
<td>$0</td>
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</table>

**Total estimated cost:** $925,000

## Council District: 3

- Unserved Properties
- Occupied Property Classes
  - Unserved Properties (Occupied)
  - Unserved Properties (Unoccupied)

### Unserved Properties

- Number of unserved properties: 1
- Approximate unserved area: 9.5 acres
- Needed Wastewater main length: 2.020 ft
- Needed Wastewater main cost: $525,000
- Needed Lift Station cost: $400,000
- Needed Water main length: 0 ft
- Needed Water main cost: $0

### Occupied Property Classes

- Needs Water Service: $0
- Needs Wastewater Service: $0
- Needs Water/Wastewater Service: $0

**Occupied estimated cost:** $0

---

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**Date:** 8/12/2020
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

**Council District: 3**

**Unserved Properties (Occupied & Unoccupied)**

- Number of unserved properties: 157
- Approximate unserved area (Acre): 48.5
- Needed Wastewater main length (ft): 9,880
- Needed Wastewater main cost: $2,963,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 6,870
- Needed Water main cost: $2,061,000
- Total estimated cost: $5,024,000

**Unserved Properties (Occupied)**

- Number of unserved properties: 9
- Needed Wastewater main length (ft): 4,120
- Needed Wastewater main cost: $1,237,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 3,580
- Needed Water main cost: $894,000
- Occupied estimated cost: $2,131,000

**Occupied Property Classes**

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Unserved Properties
  - Needs Water Service
  - Needs Wastewater Service
  - Needs Water/Wastewater Service

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Date: 8/12/2020

0 115 230 460 690 Feet
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Date: 8/12/2020

Project Area 61B-1-A / 6000 W. Camp Wisdom

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 3
Unserved Properties (Occupied & Unoccupied)
- Number of unserved properties: 1
- Approximate unserved area (Acre): 3
- Needed Wastewater main length (ft): 770
- Needed Wastewater main cost: $230,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $230,000

Unserved Properties (Occupied)
- Number of unserved properties: 0
- Needed Wastewater main length (ft): 0
- Needed Wastewater main cost: $0
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $0

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Date: 8/12/2020

Unserved Properties (Occupied & Unoccupied)
- Number of unserved properties: 5
- Approximate unserved area (Acre): 28
- Needed Wastewater main length (ft): 3,460
- Needed Wastewater main cost: $1,037,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $1,037,000

Unserved Properties (Occupied)
- Number of unserved properties: 0
- Needed Wastewater main length (ft): 0
- Needed Wastewater main cost: $0
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $0

Occupied Property Classes
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.
Site-specific survey and engineering design required to validate proposed alignments and costs.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.

<table>
<thead>
<tr>
<th>Unserved Properties (Occupied &amp; Unoccupied)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of unserved properties: 190</td>
</tr>
<tr>
<td>Approximate unserved area (Acre): 128</td>
</tr>
<tr>
<td>Needed Wastewater main (ft): 15,810</td>
</tr>
<tr>
<td>Needed Wastewater main cost: $4,743,000</td>
</tr>
<tr>
<td>Needed Lift Station cost: $0</td>
</tr>
<tr>
<td>Needed Water main length (ft): 0</td>
</tr>
<tr>
<td>Needed Water main cost: $0</td>
</tr>
<tr>
<td>Total estimated cost: $4,743,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unserved Properties (Occupied)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of unserved properties: 144</td>
</tr>
<tr>
<td>Needed Wastewater main (ft): 15,810</td>
</tr>
<tr>
<td>Needed Wastewater main cost: $4,743,000</td>
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<tr>
<td>Needed Lift Station cost: $0</td>
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<tr>
<td>Needed Water main length (ft): 0</td>
</tr>
<tr>
<td>Needed Water main cost: $0</td>
</tr>
<tr>
<td>Occupied estimated cost: $4,743,000</td>
</tr>
</tbody>
</table>
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.
Site-specific survey and engineering design required to validate proposed alignments and costs.

**Council District: 3**

Unserved Properties (Occupied & Unoccupied)
- Number of unserved properties: 0
- Approximate unserved area (Acre): 0
- Needed Wastewater main length (ft): 1,880
- Needed Wastewater main cost: $563,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $563,000

Unserved Properties (Occupied)
- Number of unserved properties: 0
- Needed Wastewater main length (ft): 0
- Needed Wastewater main cost: $0
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $0

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Date: 8/12/2020
### Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Property Class</th>
<th>Number of Unserved Properties</th>
<th>Approximate Unserv Area (Acre)</th>
<th>Needed Wastewater Main Length (ft)</th>
<th>Needed Wastewater Main Cost</th>
<th>Needed Lift Station Cost</th>
<th>Needed Water Main Length (ft)</th>
<th>Needed Water Main Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unserved Properties</td>
<td>2</td>
<td>0.9</td>
<td>340</td>
<td>$102,000</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Unserved Properties (Occupied)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>$0</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
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</table>

**Total Estimated Cost:** $102,000

**Occupied Estimated Cost:** $0

---

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**Date:** 8/12/2020

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**Date:** 8/12/2020
Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 1
Approximate unserved area (Acre): 10.3
Needed Wastewater main length (ft): 540
Needed Wastewater main cost: $162,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0

Total estimated cost: $162,000

Unserved Properties (Occupied)

Number of unserved properties: 0
Needed Wastewater main length (ft): 0
Needed Wastewater main cost: $0
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0

Occupied estimated cost: $0

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.
Council District: 3
Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 2
Approximate unserved area (Acre): 0.8
Needed Wastewater main length (ft): 650
Needed Wastewater main cost: $195,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $195,000

Unserved Properties (Occupied)
Number of unserved properties: 1
Needed Wastewater main length (ft): 280
Needed Wastewater main cost: $83,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $83,000

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Date: 8/12/2020
Council District: 3
Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 4
- Approximate unserved area (Acre): 10.5
- Needed Wastewater main length (ft): 940
- Needed Wastewater main cost: $281,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $281,000

Unserved Properties (Occupied)

- Number of unserved properties: 0
- Needed Wastewater main length (ft): 0
- Needed Wastewater main cost: $0
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $0

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

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Date: 8/12/2020
Project Area 62-3-B / Tanzy Ln.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 3

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 5
- Approximate unserved area (Acre): 10.1
- Needed Wastewater main length (ft): 1,370
- Needed Wastewater main cost: $412,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $412,000

Unserved Properties (Occupied)

- Number of unserved properties: 3
- Needed Wastewater main length (ft): 1,220
- Needed Wastewater main cost: $365,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $365,000

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Date: 8/12/2020
Council District: 3

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 40
- Approximate unserved area (Acre): 80
- Needed Wastewater main length (ft): 5,520
- Needed Wastewater main cost: $1,657,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $1,657,000

Unserved Properties (Occupied)

- Number of unserved properties: 30
- Needed Wastewater main length (ft): 5,130
- Needed Wastewater main cost: $1,539,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0

Occupied estimated cost: $1,539,000

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Unserved Properties
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Unserved Property Classes
- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension

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Date: 8/12/2020
Project Area 62-5-A / 5420 W. Ledbetter

Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of Unserved Properties</th>
<th>Approximate Unserved Area (Acre)</th>
<th>Needed Wastewater Main Length (ft)</th>
<th>Needed Wastewater Main Cost</th>
<th>Needed Lift Station Cost</th>
<th>Needed Water Main Length (ft)</th>
<th>Needed Water Main Cost</th>
<th>Total Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unserved Properties (Occupied)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Unserved Properties (Unoccupied)</td>
<td>2</td>
<td>12.2</td>
<td>290</td>
<td>$86,000</td>
<td>$0</td>
<td>0</td>
<td>0</td>
<td>$86,000</td>
</tr>
</tbody>
</table>

Occupied Estimated Cost: $0

Unserved Properties

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Unserved Properties
  - Needs Water Service
  - Needs Wastewater Service
  - Needs Water/Wastewater Service

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Date: 8/12/2020
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

**Council District: 3**

**Unserved Properties (Occupied & Unoccupied)**

| Number of unserved properties: | 12 |
| Approximate unserved area (Acre): | 62.7 |
| Needed Wastewater main length (ft): | 4,050 |
| Needed Wastewater main cost: | $1,158,000 |
| Needed Lift Station cost: | $400,000 |
| Needed Water main length (ft): | 0 |
| Needed Water main cost: | $0 |
| **Total estimated cost:** | **$1,558,000** |

**Unserved Properties (Occupied)**

| Number of unserved properties: | 6 |
| Needed Wastewater main length (ft): | 4,050 |
| Needed Wastewater main cost: | $1,158,000 |
| Needed Lift Station cost: | $400,000 |
| Needed Water main length (ft): | 0 |
| Needed Water main cost: | $0 |
| **Occupied estimated cost:** | **$1,558,000** |

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Date: 8/12/2020

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### Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Service</th>
<th>Number of unserved properties</th>
<th>Approximate unserved area (Acre)</th>
<th>Needed Wastewater main length (ft)</th>
<th>Needed Wastewater main cost</th>
<th>Needed Lift Station cost</th>
<th>Needed Water main length (ft)</th>
<th>Needed Water main cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wastewater</td>
<td>2</td>
<td>2.1</td>
<td>210</td>
<td>$63,000</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Water</td>
<td>2</td>
<td>2.1</td>
<td>0</td>
<td>$0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Total estimated cost:** $63,000

### Unserved Properties (Occupied)

<table>
<thead>
<tr>
<th>Service</th>
<th>Number of unserved properties</th>
<th>Needed Water main length (ft)</th>
<th>Needed Water main cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wastewater</td>
<td>2</td>
<td>210</td>
<td>$63,000</td>
</tr>
<tr>
<td>Water</td>
<td>2</td>
<td>0</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Occupied estimated cost:** $63,000

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Date: 8/12/2020

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.
Council District: 3

Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 1
Approximate unserved area (Acre): 0.4
Needed Wastewater main length (ft): 190
Needed Wastewater main cost: $57,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $57,000

Unserved Properties (Occupied)

Number of unserved properties: 1
Needed Wastewater main length (ft): 160
Needed Wastewater main cost: $48,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $48,000

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Date: 8/12/2020
Project Area 63-2-A / Delrey & Pastor Bailey

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 3

Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 130
Approximate unserved area (Acre): 60.8
Needed Wastewater main length (ft): 10,290
Needed Wastewater main cost: $3,087,000
Needed Lift Station cost: $0
Needed Water main length (ft): 8,700
Needed Water main cost: $2,175,000
Total estimated cost: $5,262,000

Unserved Properties (Occupied)
Number of unserved properties: 2
Needed Wastewater main length (ft): 1,720
Needed Wastewater main cost: $516,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $516,000

Date: 8/12/2020

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Council District: 3

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 15
- Approximate unserved area (Acre): 13.3
- Needed Wastewater main length (ft): 2,310
- Needed Wastewater main cost: $693,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $693,000

Unserved Properties (Occupied)

- Number of unserved properties: 13
- Needed Wastewater main length (ft): 2,230
- Needed Wastewater main cost: $668,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $668,000

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Date: 8/12/2020
### Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Property Class</th>
<th>Number of Unserved Properties</th>
<th>Needed Wastewater Main Length (ft)</th>
<th>Needed Wastewater Main Cost</th>
<th>Needed Lift Station Cost</th>
<th>Total Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unserved Properties</td>
<td>3</td>
<td>970</td>
<td>$291,000</td>
<td>$0</td>
<td>$291,000</td>
</tr>
<tr>
<td>Unserved Properties</td>
<td>2</td>
<td>970</td>
<td>$291,000</td>
<td>$0</td>
<td>$291,000</td>
</tr>
<tr>
<td>Unserved Properties</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>970</td>
<td>$291,000</td>
<td>$0</td>
<td>$291,000</td>
</tr>
</tbody>
</table>

### Occupied Estimated Cost

- Needed Wastewater Main Cost: $291,000
- Needed Water Main Cost: $0
- Total Estimated Cost: $291,000

---

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Date: 8/12/2020
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

**Council District: 4**

**Unserved Properties (Occupied & Unoccupied)**

- Number of unserved properties: 4
- Approximate unserved area (Acre): 1.9
- Needed Wastewater main length (ft): 170
- Needed Wastewater main cost: $50,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0

**Total estimated cost:** $50,000

**Unserved Properties (Occupied)**

- Number of unserved properties: 4
- Needed Wastewater main length (ft): 170
- Needed Wastewater main cost: $50,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0

**Occupied estimated cost:** $50,000

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Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

**Council District: 4**

**Unserved Properties (Occupied & Unoccupied)**

<table>
<thead>
<tr>
<th></th>
<th>Occupied</th>
<th>Unoccupied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of unserved properties:</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>Approximate unserved area (Acre):</td>
<td>14.9</td>
<td>2040</td>
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<tr>
<td>Needed Wastewater main length (ft):</td>
<td>1,210</td>
<td>2,040</td>
</tr>
<tr>
<td>Needed Wastewater main cost:</td>
<td>$364,000</td>
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<tr>
<td>Needed Lift Station cost:</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Needed Water main length (ft):</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Needed Water main cost:</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Total estimated cost:</td>
<td>$364,000</td>
<td>$873,000</td>
</tr>
</tbody>
</table>

**Unserved Properties (Occupied)**

<table>
<thead>
<tr>
<th></th>
<th>Occupied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of unserved properties:</td>
<td>2</td>
</tr>
<tr>
<td>Needed Wastewater main length (ft):</td>
<td>1,210</td>
</tr>
<tr>
<td>Needed Wastewater main cost:</td>
<td>$364,000</td>
</tr>
<tr>
<td>Needed Lift Station cost:</td>
<td>$0</td>
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<tr>
<td>Needed Water main length (ft):</td>
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<td>$0</td>
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<tr>
<td>Occupied estimated cost:</td>
<td>$364,000</td>
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</table>

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Date: 8/12/2020
Project Area 59-1-A / Wadlington Ave.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.

Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 5

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 11
- Approximate unserved area (Acre): 6.8
- Needed Wastewater main length (ft): 780
- Needed Wastewater main cost: $233,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $233,000

Unserved Properties (Occupied)

- Number of unserved properties: 3
- Needed Wastewater main length (ft): 780
- Needed Wastewater main cost: $233,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $233,000

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Date: 8/12/2020
Project Area 59-4-A / Judkins St.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.

Site-specific survey and engineering design required to validate proposed alignments and costs.

Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 7
Approximate unserved area (Acre): 3.1
Needed Wastewater main length (ft): 560
Needed Wastewater main cost: $168,000
Needed Lift Station cost: $0
Needed Water main length (ft): 660
Needed Water main cost: $165,000
Total estimated cost: $333,000

Unserved Properties (Occupied)

Number of unserved properties: 0
Needed Wastewater main length (ft): 0
Needed Wastewater main cost: $0
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $0

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Date: 8/12/2020
Project Area 22-3-A  /  Bickham Rd. & Sandy Ln.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 6
Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 14
Approximate unserved area (Acre): 34.1
Needed Wastewater main length (ft): 2,860
Needed Wastewater main cost: $858,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $858,000

Unserved Properties (Occupied)

Number of unserved properties: 7
Needed Wastewater main length (ft): 2,740
Needed Wastewater main cost: $821,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $821,000

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Date: 8/12/2020
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.

Site-specific survey and engineering design required to validate proposed alignments and costs.

**Council District: 6**

**Unserved Properties (Occupied & Unoccupied)**

- Number of unserved properties: 2
- Approximate unserved area (Acre): 0.4
- Needed Wastewater main length (ft): 300
- Needed Wastewater main cost: $91,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $91,000

**Unserved Properties (Occupied)**

- Number of unserved properties: 1
- Needed Wastewater main length (ft): 300
- Needed Wastewater main cost: $91,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $91,000

**Unserved Properties**

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

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Date: 8/12/2020
### Council District: 7

<table>
<thead>
<tr>
<th>Unserved Properties (Occupied &amp; Unoccupied)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of unserved properties:</td>
<td>16</td>
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<tr>
<td>Approximate unserved area (Acre):</td>
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<tr>
<td>Needed Wastewater main length (ft):</td>
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<td>Needed Wastewater main cost:</td>
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<td>Needed Lift Station cost:</td>
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<td>Needed Water main cost:</td>
<td>$0</td>
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<td>Total estimated cost:</td>
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<table>
<thead>
<tr>
<th>Unserved Properties (Occupied)</th>
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</thead>
<tbody>
<tr>
<td>Number of unserved properties:</td>
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<tr>
<td>Needed Wastewater main length (ft):</td>
<td>1,530</td>
</tr>
<tr>
<td>Needed Wastewater main cost:</td>
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<td>Needed Lift Station cost:</td>
<td>$0</td>
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<tr>
<td>Needed Water main length (ft):</td>
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<tr>
<td>Needed Water main cost:</td>
<td>$0</td>
</tr>
<tr>
<td>Occupied estimated cost:</td>
<td>$459,000</td>
</tr>
</tbody>
</table>

---

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

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The Project Area 47-1-A / Crest Hill & Hunnicut map shows

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Unserved Properties
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

---

Date: 8/12/2020

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Project Area 47-2-A / 5225 Barber Ave.

Council District: 7

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 8
- Approximate unserved area (Acre): 7.7
- Needed Wastewater main length (ft): 1,340
- Needed Wastewater main cost: $401,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $401,000

Unserved Properties (Occupied)

- Number of unserved properties: 1
- Needed Wastewater main length (ft): 1,130
- Needed Wastewater main cost: $340,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $340,000

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

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Date: 8/12/2020
### Unservred Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of unserved properties</th>
<th>Approximate unserved area (Acre)</th>
<th>Needed Wastewater main length (ft)</th>
<th>Needed Wastewater main cost</th>
<th>Needed Lift Station cost</th>
<th>Needed Water main length (ft)</th>
<th>Needed Water main cost</th>
<th>Total estimated cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupied</td>
<td>29</td>
<td>0.0</td>
<td>8,580</td>
<td>$2,583,000</td>
<td>$400,000</td>
<td>0</td>
<td>$0</td>
<td>$2,983,000</td>
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<tr>
<td>Unoccupied</td>
<td>30</td>
<td>62.2</td>
<td>10,330</td>
<td>$3,110,000</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
<td>$3,510,000</td>
</tr>
</tbody>
</table>

- **Additional Notes:**
  - Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.
  - Site-specific survey and engineering design required to validate proposed alignments and costs.

### Occupied Properties

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Unserred Properties
  - Needs Water Service
  - Needs Wastewater Service
  - Needs Water/Wastewater Service

### Council District: 7

- Estimated cost: $3,510,000
- Needed Lift Station cost: $400,000
- Needed Wastewater main cost: $3,110,000
- Needed Water main cost: $0
- Occupied estimated cost: $2,983,000

### Additional Information

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Unserved Properties
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

### Map Details

- Date: 8/12/2020

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Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 15
Approximate unserved area (Acre): 7.4
Needed Wastewater main length (ft): 730
Needed Wastewater main cost: $218,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $218,000

Unserved Properties (Occupied)
Number of unserved properties: 7
Needed Wastewater main length (ft): 480
Needed Wastewater main cost: $143,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $143,000

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Date: 8/12/2020

Council District: 8
Unserved Properties
Occupied Property Classes
Unserved Properties

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Date: 8/12/2020
Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 13
- Approximate unserved area (Acre): 29.6
- Needed Wastewater main length (ft): 4,230
- Needed Wastewater main cost: $1,268,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $1,268,000

Unserved Properties (Occupied)

- Number of unserved properties: 7
- Needed Wastewater main length (ft): 1,650
- Needed Wastewater main cost: $494,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $494,000

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Project Area 65-3-A / Gooch St.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 8

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 32
- Approximate unserved area (Acre): 6.4
- Needed Wastewater main length (ft): 1,190
- Needed Wastewater main cost: $358,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 1,150
- Needed Water main cost: $288,000
- Total estimated cost: $646,000

Unserved Properties (Occupied)

- Number of unserved properties: 0
- Needed Wastewater main length (ft): 0
- Needed Wastewater main cost: $0
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $0

Unserved Properties

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Unserved Properties
  - Needs Water Service
  - Needs Wastewater Service
  - Needs Water/Wastewater Service

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Date: 8/12/2020

0 37.5 75 150 225 Feet
Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 12
Approximate unserved area (Acre): 27.4
Needed Wastewater main length (ft): 1,790
Needed Wastewater main cost: $536,000
Needed Lift Station cost: $400,000
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $936,000

Unserved Properties (Occupied)

Number of unserved properties: 0
Needed Wastewater main length (ft): 0
Needed Wastewater main cost: $0
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $0

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Date: 8/12/2020
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

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Date: 8/12/2020

Council District: 8

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 14
- Approximate unserved area (Acre): 33.9
- Needed Wastewater main length (ft): 1,560
- Needed Wastewater main cost: $467,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $467,000

Unserved Properties (Occupied)

- Number of unserved properties: 5
- Needed Wastewater main length (ft): 1,560
- Needed Wastewater main cost: $467,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $467,000

Occupied Property Classes

- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Needs Wastewater Service

Unserved Properties

Needs Wastewater Service

Occupied Property Classes

Needs Water Service

Needs Wastewater Service

Needs Water/Wastewater Service

Total estimated cost: $467,000

Approximate unserved area (Acre): 33.9

Unserved Properties

Unserved Properties (Occupied & Unoccupied)
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.

Site-specific survey and engineering design required to validate proposed alignments and costs.

**Council District: 8**

**Unserved Properties (Occupied & Unoccupied)**

- Number of unserved properties: 13
- Approximate unserved area (Acre): 49.9
- Needed Wastewater main length (ft): 1,930
- Needed Wastewater main cost: $580,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $580,000

**Unserved Properties (Occupied)**

- Number of unserved properties: 6
- Needed Wastewater main length (ft): 1,930
- Needed Wastewater main cost: $580,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $580,000

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Unserved Properties
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

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Date: 8/12/2020
Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 23
Approximate unserved area (Acre): 120
Needed Wastewater main length (ft): 3,520
Needed Wastewater main cost: $1,234,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $1,234,000

Unserved Properties (Occupied)

Number of unserved properties: 13
Needed Wastewater main length (ft): 3,520
Needed Wastewater main cost: $1,234,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $1,234,000

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Date: 8/12/2020

0 162.5 325 650 975 Feet

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.
Council District: 8

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 14
- Approximate unserved area (Acre): 44.2
- Needed Wastewater main length (ft): 2,290
- Needed Wastewater main cost: $686,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0

Total estimated cost: $686,000

Unserved Properties (Occupied)

- Number of unserved properties: 6
- Needed Wastewater main length (ft): 2,290
- Needed Wastewater main cost: $686,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0

Occupied estimated cost: $686,000

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

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Project Area 69-4-A / Portnoma Ln.
Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 14
- Approximate unserved area (Acre): 16.2
- Needed Wastewater main length (ft): 1,210
- Needed Wastewater main cost: $363,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $363,000

Unserved Properties (Occupied)

- Number of unserved properties: 9
- Needed Wastewater main length (ft): 1,210
- Needed Wastewater main cost: $363,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $363,000

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Project Area 69-5-B / Mickey Dr.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Number of unserved properties</th>
<th>Approximate unserved area (Acre)</th>
<th>Needed Wastewater main length (ft)</th>
<th>Needed Wastewater main cost</th>
<th>Needed Lift Station cost</th>
<th>Needed Water main length (ft)</th>
<th>Needed Water main cost</th>
<th>Total estimated cost</th>
</tr>
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<tbody>
<tr>
<td>4</td>
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<td>640</td>
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<td>$0</td>
<td>0</td>
<td>$0</td>
<td>$193,000</td>
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Unserved Properties (Occupied)

<table>
<thead>
<tr>
<th>Number of unserved properties</th>
<th>Needed Wastewater main length (ft)</th>
<th>Needed Wastewater main cost</th>
<th>Needed Lift Station cost</th>
<th>Needed Water main length (ft)</th>
<th>Needed Water main cost</th>
<th>Occupied estimated cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>640</td>
<td>$193,000</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
<td>$193,000</td>
</tr>
</tbody>
</table>

Unserved Properties

- 4 unserved properties
- Approximate unserved area: 3.2 acres
- Needed Wastewater main length: 640 ft
- Needed Wastewater main cost: $193,000
- Needed Lift Station cost: $0
- Needed Water main length: 0 ft
- Needed Water main cost: $0
- Total estimated cost: $193,000

Occupied estimated cost: $193,000

Unserved Properties

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes

Unserved Properties

- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Date: 8/12/2020

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Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 8

Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 8
Approximate unserved area (Acre): 12
Needed Wastewater main length (ft): 1,760
Needed Wastewater main cost: $528,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $528,000

Unserved Properties (Occupied)
Number of unserved properties: 2
Needed Wastewater main length (ft): 1,100
Needed Wastewater main cost: $331,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $331,000

Unserved Properties:
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Lift Station Required
- Lift Station Required

Wastewater Extension (to Occupied)
- Wastewater Extension (to Occupied)

Wastewater Main Extension
- Wastewater Main Extension

Water Extension (to Occupied)
- Water Extension (to Occupied)

Water Main Extension
- Water Main Extension

Occupied Property Classes
- Occupied Property Classes

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Date: 8/12/2020
Unserved Properties
(Occupied & Unoccupied)

- Number of unserved properties: 10
- Approximate unserved area (Acre): 14.5
- Needed Wastewater main length (ft): 1,650
- Needed Wastewater main cost: $495,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 1,120
- Needed Water main cost: $281,000
- Total estimated cost: $776,000

Unserved Properties (Occupied)

- Number of unserved properties: 3
- Needed Wastewater main length (ft): 1,290
- Needed Wastewater main cost: $386,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $386,000

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Date: 8/12/2020
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 8
Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 8
Approximate unserved area (Acre): 15.9
Needed Wastewater main length (ft): 1,580
Needed Wastewater main cost: $475,000
Needed Lift Station cost: $0
Needed Water main length (ft): 890
Needed Water main cost: $614,000
Total estimated cost: $1,089,000

Unserved Properties (Occupied)
Number of unserved properties: 4
Needed Wastewater main length (ft): 1,580
Needed Wastewater main cost: $475,000
Needed Lift Station cost: $0
Needed Water main length (ft): 890
Needed Water main cost: $224,000
Occupied estimated cost: $699,000

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Date: 8/12/2020

Unserved Properties
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Lift Station Required

Wastewater Extension (to Occupied)
Wastewater Main Extension
Water Extension (to Occupied)
Water Main Extension
Occupied Property Classes

Unserved Properties
- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service
Council District: 8

Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 11
Approximate unserved area (Acre): 2.1
Needed Wastewater main length (ft): 470
Needed Wastewater main cost: $142,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $142,000

Unserved Properties (Occupied)

Number of unserved properties: 2
Needed Wastewater main length (ft): 410
Needed Wastewater main cost: $124,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $124,000

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Date: 8/12/2020

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.
Council District: 8

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 6
- Approximate unserved area (Acre): 53
- Needed Wastewater main length (ft): 630
- Needed Wastewater main cost: $188,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 630
- Needed Water main cost: $156,000

Total estimated cost: $344,000

Unserved Properties (Occupied)

- Number of unserved properties: 3
- Needed Wastewater main length (ft): 360
- Needed Wastewater main cost: $108,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 360
- Needed Water main cost: $89,000

Occupied estimated cost: $197,000

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

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### Project Area 69A-7-A / Woody Rd. & Royal Oaks Dr.

**Council District:** 8

#### Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Property</th>
<th>Number of Unserved Properties</th>
<th>Needed Wastewater Main Length (ft)</th>
<th>Needed Wastewater Main Cost</th>
<th>Needed Lift Station Cost</th>
<th>Needed Water Main Length (ft)</th>
<th>Needed Water Main Cost</th>
<th>Total Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupied</td>
<td>54</td>
<td>5,950</td>
<td>$1,785,000</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
<td>$1,785,000</td>
</tr>
</tbody>
</table>

#### Unserved Properties (Occupied)

- Number of unserved properties: 54
- Needed Wastewater main length (ft): 5,950
- Needed Wastewater main cost: $1,785,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0

**Occupied Estimated Cost:** $1,785,000

---

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**Date:** 8/12/2020

**Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.**
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 8
Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Property Class</th>
<th>Number of Unserved Properties</th>
<th>Approximate Unserved Area (Acre)</th>
<th>Needed Water Main Length (ft)</th>
<th>Needed Water Main Cost</th>
<th>Needed Wastewater Main Length (ft)</th>
<th>Needed Wastewater Main Cost</th>
<th>Needed Lift Station Cost</th>
<th>Total Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unserved Properties (Occupied)</td>
<td>27</td>
<td>51.6</td>
<td>5,380</td>
<td>$1,526,000</td>
<td>0</td>
<td>$0</td>
<td>$400,000</td>
<td>$1,926,000</td>
</tr>
<tr>
<td>Unserved Properties (Occupied &amp; Unoccupied)</td>
<td>33</td>
<td></td>
<td>5,480</td>
<td>$1,555,000</td>
<td>0</td>
<td>$0</td>
<td>$400,000</td>
<td>$1,955,000</td>
</tr>
</tbody>
</table>

Unserved Properties:
- Needed Wastewater main length (ft): 5,380
- Needed Wastewater main cost: $1,526,000
- Needed Lift Station cost: $400,000
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $1,926,000

Occupied estimated cost: $1,955,000

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### Council District: 8

#### Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th></th>
<th>Number of unserved properties:</th>
<th>Approximate unserved area (Acre):</th>
<th>Needed Wastewater main length (ft):</th>
<th>Needed Wastewater main cost:</th>
<th>Needed Lift Station cost:</th>
<th>Needed Water main length (ft):</th>
<th>Needed Water main cost:</th>
<th>Total estimated cost:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unserved Properties (Occupied)</td>
<td>2</td>
<td>0.9</td>
<td>350</td>
<td>$103,000</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
<td>$103,000</td>
</tr>
<tr>
<td>Unserved Properties (Unoccupied)</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Lift Station Required
- Wastewater Extension (to Occupied)
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Unserved Properties
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.

Site-specific survey and engineering design required to validate proposed alignments and costs.

**Unserved Properties (Occupied)**

- Number of unserved properties: 2
- Needed Wastewater main length (ft): 350
- Needed Wastewater main cost: $103,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0

**Occupied estimated cost:** $103,000

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Date: 8/12/2020
Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

### Council District: 8

<table>
<thead>
<tr>
<th>Unserved Properties (Occupied &amp; Unoccupied)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of unserved properties: 6</td>
</tr>
<tr>
<td>Approximate unserved area (Acre): 11</td>
</tr>
<tr>
<td>Needed Wastewater main length (ft): 1,120</td>
</tr>
<tr>
<td>Needed Wastewater main cost: $337,000</td>
</tr>
<tr>
<td>Needed Lift Station cost: $0</td>
</tr>
<tr>
<td>Needed Water main length (ft): 0</td>
</tr>
<tr>
<td>Needed Water main cost: $0</td>
</tr>
<tr>
<td>Total estimated cost: $337,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unserved Properties (Occupied)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of unserved properties: 2</td>
</tr>
<tr>
<td>Needed Wastewater main length (ft): 960</td>
</tr>
<tr>
<td>Needed Wastewater main cost: $287,000</td>
</tr>
<tr>
<td>Needed Lift Station cost: $0</td>
</tr>
<tr>
<td>Needed Water main length (ft): 0</td>
</tr>
<tr>
<td>Needed Water main cost: $0</td>
</tr>
<tr>
<td>Occupied estimated cost: $287,000</td>
</tr>
</tbody>
</table>

**Unserved Properties**
- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

**Unserved Property Classes**
- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes

Date: 8/12/2020

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Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.

Site-specific survey and engineering design required to validate proposed alignments and costs.

Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 13
Approximate unserved area (Acre): 42.5
Needed Wastewater main length (ft): 3,890
Needed Wastewater main cost: $1,024,000
Needed Lift Station cost: $400,000
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $1,424,000

Unserved Properties (Occupied)

Number of unserved properties: 7
Needed Wastewater main length (ft): 3,240
Needed Wastewater main cost: $829,000
Needed Lift Station cost: $400,000
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $1,229,000

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Date: 8/12/2020

Council District: 8

Unserved Properties

Number of unserved properties: 13
Approximate unserved area (Acre): 42.5
Needed Wastewater main length (ft): 3,890
Needed Wastewater main cost: $1,024,000
Needed Lift Station cost: $400,000
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $1,424,000

Unserved Properties (Occupied)

Number of unserved properties: 7
Needed Wastewater main length (ft): 3,240
Needed Wastewater main cost: $829,000
Needed Lift Station cost: $400,000
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $1,229,000

Legend:
- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Occupied Property Classes
- Unserved Properties
  - Needs Water Service
  - Needs Wastewater Service
  - Needs Water/Wastewater Service

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Date: 8/12/2020

0 140 280 560 840 Feet
Council District: 8

Unserved Properties (Occupied & Unoccupied)

Number of unserved properties: 55
Approximate unserved area (Acre): 20
Needed Wastewater main length (ft): 3,640
Needed Wastewater main cost: $546,000
Needed Lift Station cost: $0
Needed Water main length (ft): 3,720
Needed Water main cost: $764,000
Total estimated cost: $1,310,000

Unserved Properties (Occupied)

Number of unserved properties: 4
Needed Wastewater main length (ft): 2,180
Needed Wastewater main cost: $327,000
Needed Lift Station cost: $0
Needed Water main length (ft): 450
Needed Water main cost: $87,000
Occupied estimated cost: $414,000

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties.
Site-specific survey and engineering design required to validate proposed alignments and costs.

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Date: 8/12/2020
Project Area 75-4-C / Wheatland Rd at Lancaster

Council District: 8

Unserved Properties (Occupied & Unoccupied)

<table>
<thead>
<tr>
<th>Unserved Properties</th>
<th>Number of unserved properties</th>
<th>Approximate unserved area (Acre)</th>
<th>Needed Wastewater main length (ft)</th>
<th>Needed Wastewater main cost</th>
<th>Needed Lift Station cost</th>
<th>Needed Water main length (ft)</th>
<th>Needed Water main cost</th>
<th>Total estimated cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupied</td>
<td>3</td>
<td>9</td>
<td>3,530</td>
<td>$820,000</td>
<td>$0</td>
<td>0</td>
<td>$0</td>
<td>$820,000</td>
</tr>
<tr>
<td>Unoccupied</td>
<td>6</td>
<td>212.5</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Occupied estimated cost: $820,000

Unserved Properties

- Lift Station Required
- Wastewater Extension (to Occupied)
- Wastewater Main Extension
- Water Extension (to Occupied)
- Water Main Extension
- Recently Constructed Wastewater
- Recently Constructed Water
- Occupied Property Classes

Unserved Properties

- Needs Water Service
- Needs Wastewater Service
- Needs Water/Wastewater Service

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

These properties addressed by Unserved Project Area: 75-4-B / Killough Blvd & Wasco Ln and University Hills Phase 2

Date: 9/4/2020

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Project Area 76-1-A / Cleveland Rd. & Bonnie View Rd.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 8
Unserved Properties (Occupied & Unoccupied)
Number of unserved properties: 12
Approximate unserved area (Acre): 18.7
Needed Wastewater main length (ft): 2,210
Needed Wastewater main cost: $662,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Total estimated cost: $662,000

Unserved Properties (Occupied)
Number of unserved properties: 9
Needed Wastewater main length (ft): 2,210
Needed Wastewater main cost: $662,000
Needed Lift Station cost: $0
Needed Water main length (ft): 0
Needed Water main cost: $0
Occupied estimated cost: $662,000

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Date: 8/12/2020
Project Area 76-1-C / Telephone Rd. & Van Horn Dr.

Rough alignments and cost estimates to extend water and wastewater service to vacant and occupied properties. Site-specific survey and engineering design required to validate proposed alignments and costs.

Council District: 8

Unserved Properties (Occupied & Unoccupied)

- Number of unserved properties: 7
- Approximate unserved area (Acre): 6.2
- Needed Wastewater main length (ft): 3,370
- Needed Wastewater main cost: $1,012,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Total estimated cost: $1,012,000

Unserved Properties (Occupied)

- Number of unserved properties: 4
- Needed Wastewater main length (ft): 2,190
- Needed Wastewater main cost: $658,000
- Needed Lift Station cost: $0
- Needed Water main length (ft): 0
- Needed Water main cost: $0
- Occupied estimated cost: $658,000

Date: 8/12/2020

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