SECTION III
APPENDICES
APPENDIX A

PLANT SITES
Image 1. The elevated tank at the Water Street Plant Site.
Image 2. The well at the Water Street Plant Site.
Image 3. The chlorine building and the electrical/booster pump building at Water Street.

Image 4. Open door to the electrical/booster pump building at Water Street.
Image 5. Open door to the chlorinator building at the Water Street Plant Site.
Image 6. The well at the Jeanette Street Plant Site.
Image 7. The booster pump and electrical building at the Jeanette Street Plant Site.
Image 8. The chlorine building at the Jeanette Street Plant Site.
Image 9. Bottom view of the elevated tank at Hwy. 45 West.
Image 10. Ground view of the security fence at Hwy. 45 West.

Image 12. Elevated storage tank at Turner Industrial Park Well #04.
Image 15. Electrical and booster pump building at Turner Industrial Park Well #04.
Image 16. Chlorine building and redundant chlorinator switchover at Turner Industrial Park Well #05.
Image 17. Booster pump at Turner Industrial Park Well #05.
Image 18. Electrical and phosphate room at Turner Industrial Park Well #05.
Image 19. Street view of the City Park Plant Site.
Image 20. View of the well and electrical panel at the City Park Plant Site.
Image 21. Chlorine cylinder and single train of treatment at the City Park Plant Site.
Image 22. Hwy. 145 elevated tank.
APPENDIX B

ENGINEERING ESTIMATES
### Scenario 1: Stay on groundwater, fix known hydraulic issues

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automated Flush Valves</td>
<td></td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Old 45 Line Upgrade</td>
<td>Upgrade 4&quot; to 12&quot;, feed from Turner Park</td>
<td>$407,000.00</td>
</tr>
<tr>
<td>Euclatubba Upgrade</td>
<td>Upgrade 4&quot; to 8&quot; from 45 to CR 681</td>
<td>$80,000.00</td>
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<tr>
<td><strong>capital Cost (Preliminary budget)</strong></td>
<td></td>
<td><strong>$492,000.00</strong></td>
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<tr>
<td><strong>Monthly cost - ten year payback to City</strong></td>
<td></td>
<td><strong>$4,100.00</strong></td>
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</tbody>
</table>

*Note: This scenario provides continuous feed of 1500 gpm per OCE and would supply the City plus allow for additional 3621 connections.*

### Scenario 3: Stay on groundwater, fix hydraulics, add filters

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scenario 1 costs</td>
<td></td>
<td>$492,000.00</td>
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<tr>
<td>Small Well Filters (3)</td>
<td>10' dia green sand filter system, installed</td>
<td>$600,000.00</td>
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<td>Turner Well Filters (2)</td>
<td>dual 10' dia green sand filter systems, installed</td>
<td>$700,000.00</td>
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<td><strong>capital Cost (Preliminary budget)</strong></td>
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<td><strong>$1,792,000.00</strong></td>
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<td><strong>Monthly Debt Service Cost (35 yrs/3.5%)</strong></td>
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<td><strong>$7,410.00</strong></td>
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</tbody>
</table>

Image 1: Engineering estimate for the installation of ground water filters.
Bid Opening
SALTILO RECONNECTION TO NEMRWSD AT
TURNER INDUSTRIAL PARK
City of Saltillo
City Hall
395 Mobile Street
Saltillo, MS 38866
September 17, 2018 at 10:00 AM

9067 4-D Construction, Inc.
P.O. Box 127
Louisville, MS 39339
P: 662-773-4739
F: 662-773-2085
Building construction; Gas;
Highway, Street,
And Bridge Construction; Metal
Buildings;
Water & Sewer

19169 AHS Construction Co., Inc.
P.O. Box 464
937 Hwy 15 S
New Albany, MS 38652
T: 662-488-0048
F: 662-269-0073
Building Construction; Demolition;
Driveway,
Parking Areas, Asphalt/ Concrete;
Excavation,
Grading and Drainage; Municipal
and Public Works
Construction; Retention Systems

15506 Buz Plassco Dozer Service,
Inc.
57 Ridgeview Drive
Corinth, MS 38834
P: 662-287-4221
F: 662-287-0221
Highway, Street, and Bridge
Construction;
Municipal and Public Works
Construction

Part “A” Subtotal $ ____________
Part “B” Subtotal $ ____________
Total Base Bid Price $ ______________
Add Alt 1 $ ______________

Part “A” Subtotal $ 80,736.46
Part “B” Subtotal $ 57,206.95
Total Base Bid Price $ 137,943.61
Add Alt 1 $ 2069

Image 2: Page 1 of 2 of the bid opening for the surface water connection.
Image 3: Page 2 of 2 of the bid opening for the surface water connection.