TARGET DREDGE = EL. 1203.3
DREDGE VOLUME = ~171,000 CY

TARGET DREDGE = EL. 1205.3
DREDGE VOLUME = ~91,000 CY

TARGET DREDGE = EL. 1206.3
DREDGE VOLUME = ~49,000 CY

NOTE:
1. OUTLET DAM CRESTM ELEVATION 1214.3 FT NGVD29 (1214.37 NAVD88).
2. VERTICAL DATUM IS NAVD 88.
3. BACKGROUND SOURCE DATA REFERENCE FILE FROM CITY OF ALBERT LEA, "AERATOR.DWG"
4. STREET INFORMATION FROM MINNESOTA GEOSPATIAL COMMONS, ROADS, MINNESOTA, 2012
5. DREDGE AREAS AND VOLUME SURFACE DATA PROVIDED BY STORMWATER SOLUTIONS ENGINEERING ON 01/10/17.

AREAS OF REQUIRED DREDGING

AREAS NOTES:
1. COORDINATE SYSTEM IS NAD 83 FREEBORN COUNTY, MINNESOTA COUNTY SYSTEM (US FEET).
2. VERTICAL DATUM IS NAVD 88.
3. BACKGROUND SOURCE DATA REFERENCE FILE FROM CITY OF ALBERT LEA, "AERATOR.DWG"
4. STREET INFORMATION FROM MINNESOTA GEOSPATIAL COMMONS, ROADS, MINNESOTA, 2012
5. DREDGE AREAS AND VOLUME SURFACE DATA PROVIDED BY STORMWATER SOLUTIONS ENGINEERING ON 01/10/17.

DANES AND MAIN BAY DREDGE AREAS AND VOLUMES

FINAL PROPOSED REVISIONS FROM MNDNR ON DECEMBER 18, 2017

Sheet No. 5

DANES AND MAIN BAY DREDGE AREAS AND VOLUMES

Dredge Volume (CY)

<table>
<thead>
<tr>
<th>Area</th>
<th>Feb. 2017</th>
<th>Dec. 18, 2017</th>
<th>Permit Application Redesign</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 7</td>
<td>79,439</td>
<td>68,000</td>
<td></td>
</tr>
<tr>
<td>Area 8</td>
<td>194,306</td>
<td>180,000</td>
<td></td>
</tr>
<tr>
<td>Area 9</td>
<td>121,216</td>
<td>91,000</td>
<td></td>
</tr>
<tr>
<td>Area 10</td>
<td>155,028</td>
<td>171,000</td>
<td>change</td>
</tr>
<tr>
<td>TOTALS</td>
<td>549,989</td>
<td>510,000</td>
<td>(39,989)</td>
</tr>
</tbody>
</table>

SOURCE NOTES:
1. 
2. 
3. 
4. 
5. 

STORMSEWER OUTLET

30 FT SETBACK
50 FT SETBACK
75 FT SETBACK
100 FT SETBACK

NOTES:
1. OUTLET DAM CRESTM ELEVATION 1214.3 FT NGVD29 (1214.37 NAVD88).
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