# NCDWR Fish Kill Summary Report

**Waterbody**  
LAKE MATAMUSKEET

**Location**  
Central Canals

<table>
<thead>
<tr>
<th>Kill Number</th>
<th>Date Reported</th>
<th>Date Investigated</th>
<th>Time Investigated</th>
</tr>
</thead>
<tbody>
<tr>
<td>WA15004</td>
<td>10/13/2015</td>
<td>10/15/2015</td>
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</table>

<table>
<thead>
<tr>
<th>County</th>
<th>HUC:</th>
<th>Latitude</th>
<th>Longitude</th>
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</thead>
<tbody>
<tr>
<td>HYDE</td>
<td>03020105</td>
<td>35.455790</td>
<td>-76.1738800</td>
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</tbody>
</table>

**Species Reported**  
BLACK CRAPPIE  
CATFISH  
LARGEMOUTH BASS  
LONGNOSE GAR

**Suspected Cause**  
DO

**Other Species Affected**  
BLUE CRAB

**Waterbody Type**  
Fresh

**Duration**  
3 days

**Kill Area**  
8 km

**Notes:**
Main Canal at Lake Mattamuskeet exhibited low oxygen concentrations, no struggling fish were observed during investigation and dead fish were a few days old. Dead fish in Central Canal were also a few days old but dissolved oxygen near the lake was 6.4 mg/L. Probable that most fish were able to make it to the lake to seek refuge but some that were far in the canals did not escape low dissolved oxygen. There were observations on the sound side of the water control structure at Main Canal that fish and crabs were gasping at the surface (not observed by NCWRC staff).