INDIAN LAKE DREDGE UPDATES

July 4, 2022 • Issue 15

WEEKLY OVERVIEW

Happy 4th of July! In preparation for the fireworks show and holiday weekend, ODNR used the Statewide Harvester and Lake Raker to harvest weeds in Quadrant 3 outside of South Bank, Lakeview Harbor and West Bank. The NE Orange harvester was repaired and is now back in operation! A company called Dredge It started operating the H420 harvester machine on 6/27! The H420 worked alongside the Lake Raker and Statewide harvesters. Shoreline Construction used the Big Rake and Aquarius harvesters outside Pew Island near the intersection of the quadrants. Burrey used the Truxor machine to harvest weeds at Old Field Beach, the State campground beach and channels in quadrant 1. Totals are from 6/27 to 7/1.

<table>
<thead>
<tr>
<th>Harvester</th>
<th>Area</th>
<th>Cubic Yards Removed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoreline Aquarius</td>
<td>Open Zone</td>
<td></td>
</tr>
<tr>
<td>Shoreline Rake</td>
<td>Open Zone</td>
<td></td>
</tr>
<tr>
<td>Statewide Harvester</td>
<td>West Bank/Lakeview</td>
<td></td>
</tr>
<tr>
<td>Lake Raker</td>
<td>West Bank/Lakeview</td>
<td></td>
</tr>
<tr>
<td>H420</td>
<td>West Bank/Lakeview</td>
<td></td>
</tr>
<tr>
<td>Burrey Truxor</td>
<td>Oldfield Beach/State Campground</td>
<td></td>
</tr>
</tbody>
</table>

Total: 5137 yards removed
Herbicide applications were conducted at Old Field Beach and near Blackhawk on 6-29 using a granular product called Navigate.

H420, Statewide, and Lake Raker working at Lakeview Harbor and along the banks

UP NEXT

On Tuesday there is an additional harvester coordination meeting. ODNR will be harvesting at ?. Shoreline will be harvesting ?. Burrey will be harvesting ?.

The Scout dredge is running in the nature preserve area.

SCOUT DREDGE
Pumped 2,700 cubic yards of material from nature preserve area.

**PERIODIC HERBICIDE APPLICATIONS ARE APPLIED AT INDIAN LAKE.**

ABSOLUTELY NO UNAUTHORIZED SPRAYING. SPRAYING AND CHEMICAL APPLICATIONS SHOULD ONLY BE CONDUCTED BY A LICENSED, AUTHORIZED, TRAINED STATE EMPLOYEE OR APPROVED COMPANY. REPORT VIOLATIONS TO #ODNR.

Companies with Approved Special Activity Permits for Aquatic Spraying

- Aqua Doc
- Aquatics Plus Pond Management

Companies with Approved Special Activity Permits for Vegetation Removal by Harvester

- Burrey Aquatic Restoration
- Shoreline Construction
- Dredge It

**RESIDENT VEGETATION DROP-OFF/PICK-UP SITES**

Two resident vegetation drop-off and pick-up sites are available this year. Signage has been posted. This is for residents to drop-off any aquatic vegetation they remove from the lake around private docks. Anyone is welcome to pick-up the vegetation.

Please, **ONLY** aquatic vegetation can be placed at these sites. This is **NOT** a location for lawn waste, sticks, and limbs, etc.

1. Gravel pull-off parking lot by Moundwood Marina located off State Route 368 on the east side of Moundwood Boat Ramp Entrance
2. Helipad parking lot on the southeast corner (large parking lot located off State Route 366 near Artist Island, between Russell’s Point and the Spillway)
WEEKLY OVERVIEW

Last week ODNR used the Statewide Harvester and Lake Raker to harvest weeds in Quadrant 3 outside of South Bank and working toward Lakeview Harbor in preparation for the fireworks and upcoming holiday. ODNR also picked up the vegetation piles and moved to dump sites so our partners can focus on taking out the vegetation. Shoreline Construction used the Big Rake and Aquarius harvesters outside Pew Island and moved to the spillway, which is a key area that had very thick vegetation. Burrey used the Truxor machine to harvest weeds at Old Field Beach. Totals are from 6/20 to 6/24.

<table>
<thead>
<tr>
<th>Harvester</th>
<th>Area</th>
<th>Cubic Yards Removed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoreline Aquarius</td>
<td>Open Zone/Spillway</td>
<td>1520</td>
</tr>
<tr>
<td>Shoreline Rake</td>
<td>Open Zone/Spillway</td>
<td>866</td>
</tr>
<tr>
<td>Statewide Harvester</td>
<td>South Bank/Lakeview</td>
<td>561</td>
</tr>
<tr>
<td>Lake Raker</td>
<td>South Bank</td>
<td>2080</td>
</tr>
<tr>
<td>Burrey Truxor</td>
<td>Oldfield Beach</td>
<td>110</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>5137 yards removed</strong></td>
</tr>
</tbody>
</table>
On Monday we had a harvesting meeting with all our partners. The meeting was positive, and everyone is working together to most efficiently utilize equipment. Maintaining important navigational lanes, beaches, and several residential areas that need harvested in the upcoming weeks including Turkeyfoot, Sassafras, Dunn's Pond, and Chippewa area were discussed. An additional harvester called the H420 arrived and was put in at Blackhawk Boat Ramp. It will be operated by the company, Dredge It, and will start this week!

Dredge It H420 in the water

Lake Raker & Statewide at South Bank

Burrey's Truxor working at the beach
Lots of material being moved

Before and After photos of the Spillway area completed by Shoreline
UP NEXT

ODNR will be harvesting at Lakeview Harbor, Beaches, West and South Bank. Shoreline will be harvesting to the Gas Dock at Spend-A-Day, Dunn’s Pond, and the Open Zone by Pew Island. Burrey will be harvesting at Old Field Beach.

NE “Orange” harvester hydraulics have been fixed. Still waiting on arrival of the harness. Repair company will be out here on Thursday to fix it.

The Scout dredge is running in the nature preserve area.

SCOUT DREDGE

Pumped 2,700 cubic yards of material from nature preserve area.

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INDIAN LAKE DREDGE UPDATES

June 20, 2022 • Issue 13

WEEKLY OVERVIEW

Governor Mike DeWine and Director Mary Mertz visited Indian Lake on Monday, June 13th, to tour the lake, see the vegetation, see the dump sites and harvesters operating. Starting Monday, we extended the hours to include a second shift!

Harvested weeds in Quadrant 3 outside of Pew Island and north of Pew Island at Seminole Island area. This area is near the intersection of the quadrants. Totals are from 6/13 to 6/17.

<table>
<thead>
<tr>
<th>NE “Orange”</th>
<th>“Lake Raker”</th>
<th>57.93 dump truck loads</th>
<th>869 cu yds</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Statewide”</td>
<td>87.2 dump truck loads</td>
<td>1308 cu yds</td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
<td><strong>2177 cu yds</strong></td>
</tr>
</tbody>
</table>
UP NEXT

We have moved the equipment to Paradise Island and will focus on the fireworks exclusion area ahead of the upcoming holiday.

NE “Orange” harvester hydraulics have been fixed. Still waiting on arrival of the harness.

The Scout dredge is running in the nature preserve area.
SCOUT DREDGE

Pumped 2,900 cubic yards of material from nature preserve area.

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OVERVIEW: We have now harvested 7,976 cubic yards of material this season. In 2021 we harvested 10,804 cubic yards for the year, and we operated well into October. We just completed our fifth full week of harvesting for the season and are at 73% of the total from last year. Starting Monday, we will be extending the hours to include a second shift Monday to Friday and we hope to have our third harvester fully running this week coming week so the numbers will continue to climb.

Harvested weeds in Quadrant 4 by Governors Island, Heidi Court, Tecumseh Island and Minnewauken Island areas. Totals are from 6/6 to 6/10.

<table>
<thead>
<tr>
<th></th>
<th>NE “Orange”</th>
<th>“Lake Raker”</th>
<th>“Statewide”</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>38.32 dump truck loads</td>
<td>68.26 dump truck loads</td>
<td>1,598.75 cu yds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>574.75 cu yds</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1024 cu yds</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>1,598.75 cu yds</strong></td>
</tr>
</tbody>
</table>

Repairs and preventative maintenance performed on machines included replacing the battery and adjusting tension on the alternator on the Statewide machine, as well as replacement broken teeth and working on conveyor removing links on the Lake Raker.
SCOUT DREDGE
Pumped 1,850 cubic yards of material from nature preserve area

Harvesters working outside of Tecumseh Island and Pew Island

Moving vegetation at Seminole Island

Up Next:
We will be harvesting aquatic vegetation near Pew Island, Miami Island and Seminole Island areas.

Repairing NE “Orange” harvester when parts arrive.

The Scout dredge is running in the nature preserve area.
The legislature allocated funding to the Indian Lake Watershed Project for vegetation removal and they have started their operation this week. The ILWP has hired Shoreline Construction to remove vegetation with their 30’ custom fabricated rake!

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Companies with Approved Special Activity Permits for Vegetation Removal by Harvester
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We are hiring additional Natural Resources Technician 2's to operate weed harvesters. These positions are seasonal positions and run now through October with 1,000 hour maximum.

Please apply at the park office if you meet these qualifications:

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT 6 mos. trg. or 6 mos. exp. in semi-skilled maintenance functions (i.e., minor electrical repair, rough plumbing repairs, carpentry & masonry); 6 mos. trg. or 6 mos. exp. in equipment safety practices; 6 mos. trg. or 6 mos. exp. in use of shop, hand & power tools; 6 mos. trg or 6 mos. exp. in operation of mowers & trucks; 6 mos. trg or 6 mos. exp. in equipment & vehicle maintenance; valid driver's license; valid commercial driver's license required if motor equipment is of type & size regulated by Sections 4506.01 & 4506.12 of Ohio Revised Code.

Harvested weeds in Quadrant 4 by the Spillway, Waterbury, Dunn’s Pond, Moundwood, and Blue Heron Cove areas. Totals are from 5/31 to 6/3.

<table>
<thead>
<tr>
<th></th>
<th>NE “Orange”</th>
<th>“Lake Raker”</th>
<th>“Statewide”</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quadrant 1</td>
<td>29.7 dump truck loads</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quadrant 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quadrant 3</td>
<td>60.3 dump truck loads</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quadrant 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td></td>
<td></td>
<td>1,349.5 cu yds</td>
</tr>
</tbody>
</table>
**SCOUT DREDGE**

Pumped 1,750 cubic yards of material from nature preserve area

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- Burrey Aquatic Restoration

**Up Next:**

We will be harvesting aquatic vegetation near Dream Bridge, Governors Island, Miami and Seminole Island areas.

The Scout dredge is running in the nature preserve area.

Waiting on parts for NE “Orange” to make repairs. Current lead time 7 more days.
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Harvested weeds in Quadrant 3 at Orchard Island, Wolf Island, Russell’s Point and on the east side of Bellefontaine Islands as well as in Quadrant 2 at Long Island east and west areas. Harvesters operated every day. Totals are from 5/23 to 5/29.

<table>
<thead>
<tr>
<th>NE “Orange”</th>
<th>44.4 dump truck loads</th>
<th>665.5 cu yds</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Lake Raker”</td>
<td>70.4 dump truck loads</td>
<td>1056 cu yds</td>
</tr>
<tr>
<td>“Statewide”</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td><strong>1721.5 cu yds</strong></td>
</tr>
</tbody>
</table>
Harvester at Long Island

Harvester at Orchard Island

Harvesters working alongside each other at Orchard Island

**Up Next:**

We will be harvesting aquatic vegetation near the spillway, Waterbury and Tecumseh Island areas.

The Scout dredge is running in the nature preserve area.
The equipment used to off-load and haul aquatic vegetation operates at Park areas. This presents a challenge since the equipment will cause ruts, especially with the wet conditions. A gravel drive was installed at Fox Island for removal of vegetation.

**SCOUT DREDGE**
Pumped 2,000 cubic yards of material from nature preserve area

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Harvested weeds in Quadrant 3 at Paradise Island, near the Yacht Club and Orchard Island areas.

<table>
<thead>
<tr>
<th>Name</th>
<th>Dump Truck Loads</th>
<th>Cubic Yards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE “Orange”</td>
<td>1.4</td>
<td>21</td>
</tr>
<tr>
<td>“Lake Raker”</td>
<td>47.6</td>
<td>709.5</td>
</tr>
<tr>
<td>“Statewide”</td>
<td>61.86</td>
<td>928</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>1,658.5</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Up Next:**

We will be harvesting weeds in Russell’s Point and on the East side of Bellefontaine Islands toward Post Office Island.

The Scout dredge is running in the nature preserve area.
SCOUT DREDGE
Pumped 2,000 cubic yards of material from nature preserve area

PERIODIC HERBICIDE APPLICATIONS ARE APPLIED AT INDIAN LAKE.

The State applied aquatic herbicide applications at the boat ramps, State campground, Lakeview Harbor, Russell’s Point Harbor, Chippewa Marina, Blackhawk Marina, and around Dredge Island in the Orchard Island area. We are using Flumioxazin and 2-4-D. It is safe to enter the water within 24 hours after treatment. The fish are safe to eat.

Aqua Doc has applied aquatic herbicide applications at private residents in Zones 1, 2, 3 and 4.

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Harvested weeds in Quadrant 2 at Sassafras and Turkeyfoot areas and Quadrant 3 at Lakeview Harbor, south end of West Bank and west end of South Bank

<table>
<thead>
<tr>
<th>NE “Agent Orange”</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>“Lake Raker”</td>
<td>35.38 dump truck loads</td>
<td>530.75 cu yds</td>
</tr>
<tr>
<td>“Statewide”</td>
<td>45.06 dump truck loads</td>
<td>676 cu yds</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td>1,206.75 cu yds</td>
</tr>
</tbody>
</table>

**Up Next:**

We will be harvesting weeds in Paradise Island area and moving toward Orchard Island.

The Scout dredge is running in the nature preserve area.

Old Field Beach after harvesters had been working
PICTURES OF WEED HARVESTING LAST WEEK:

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Harvested weeds in Quadrant 1 at Lucy’s Pond, Chippewa, State Campground and by the Moose

<table>
<thead>
<tr>
<th></th>
<th>Loads</th>
<th>Cubic Yards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE “Agent Orange”</td>
<td>10</td>
<td>110</td>
</tr>
<tr>
<td>“Lake Raker”</td>
<td>10</td>
<td>60</td>
</tr>
<tr>
<td>“Statewide”</td>
<td>11.5</td>
<td>184</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td><strong>354</strong></td>
</tr>
</tbody>
</table>

354 cu yards is approximately 29.6 Dump Truck loads!

**Up Next:**

We will be harvesting weeds in the Sassafras and Turkeyfoot areas this week.

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![Gravel pull-off parking lot](image)

2. Helipad parking lot on the south east corner (large parking lot located off State Route 366 near Artist Island, between Russell’s Point and the Spillway)

![Helipad parking lot](image)
Harvested weeds in Quadrant 2 at Seminole Island and Miami Island, and in Quadrant 1 at Blackhawk and Lucy’s Pond Areas

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NE “Agent Orange”</td>
<td>6 loads</td>
<td>36 cu yds</td>
</tr>
<tr>
<td>“Lake Raker”</td>
<td>2.5 loads</td>
<td>27 cu yds</td>
</tr>
<tr>
<td>“Statewide”</td>
<td>1.5 load</td>
<td>24 cu yds</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td><strong>87.5 cu yds</strong></td>
</tr>
</tbody>
</table>

Parts arrived for statewide harvester, repairs were completed, and put in the water at the boat ramp

**Up Next:**

Finish harvesting at Miami Island, Harvest in State campground areas and move toward Chippewa area

The Scout dredge is running in the nature preserve area
Rip Rap project by Turkeyfoot and Acheson’s area is finished.

Companies with Approved Special Activity Permits for Aquatic Spraying
- Aqua Doc
- Aquatics Plus Pond Management

Companies with Approved Special Activity Permits for Vegetation Removal by Harvester
- Burrey Aquatic Restoration

**RESIDENT VEGETATION DROP-OFF/PICK-UP SITES**

Two Resident Vegetation drop off and pick up sites are available this year! Signage has been posted. This is for residents to drop off any aquatic vegetation they remove from the lake around private docks. Anyone is welcome to pick up the vegetation.

Please, **ONLY** aquatic vegetation can be placed at these sites. This is **NOT** a location for lawn waste, sticks, and limbs, etc.

1. Gravel pull-off parking lot by Moundwood Marina located off State Route 368 on the east side of Moundwood Boat Ramp Entrance

2. Helipad parking lot on the south east corner (large parking lot located off State Route 366 near Artist Island, between Russell’s Point and the Spillway)
The Scout dredge pipe extension was fused together to be hooked to the dredge

Lake Raker and Alpha (NE harvester) were operated outside Old Field Beach and Avondale

Collected logs and trees from the lake

Cleaned debris off boat ramps

Hired seasonal employee

Transport barges were utilized

Companies with Approved Special Activity Permits for Aquatic Spraying
  • Aqua Doc
  • Aquatics Plus Pond Management

Companies with Approved Special Activity Permits for Vegetation Removal by Harvester
  • Burrey Aquatic Restoration

Up Next:
Weed harvesting in Seminole Island, Miami Island, and State campground areas

Parts for statewide machine will be arriving and repairs will be finished

Taking dredge pipe to Manchester’s DMRA site and will begin dredging with the Scout dredge
Rip Rap project is ongoing by Turkeyfoot and Acheson’s area. The rip rap provides shoreline stabilization to protect shorelines against water, waves and ice erosion.
The Scout dredge was moved to the Nature Preserve area and hooked up.

Lake Raker was operated outside Old Field Beach and the shop area.

Log jam at Moundwood bridge was removed.

Collected logs at Dunn’s Pond, Horseshoe Channel, and Long Island.

Dipped out courtesy docks at Moundwood.

Welded and made modifications on vegetation barges.

Up Next:

- Final repairs on Alpha (orange NE harvester)
- Putting vegetation barges into the water.
- Final training on harvesters outside of the State campground.
- Taking pipe to the Scout dredge. Weather permitting, hooking up dredge pipe and will start dredging.
Rip Rap project was started by Turkeyfoot and Acheson’s area. The rip rap provides shoreline stabilization to protect shorelines against water, waves and ice erosion.

Companies with Approved Special Activity Permits for Aquatic Spraying
- Aqua Doc
- Aquatics Plus Pond Management

Companies with Approved Special Activity Permits for Vegetation Removal by Harvester
- Burrey Aquatic Restoration
New seasonal employees are continuing training.

Employees took Ohio Boating Education Course and received their boating license.

Continuous removal of trees in channels.

De-winterized both dredges.

Buoys were placed in the lake on Thursday 4/7.

### Up Next:
- Putting dredges in the water and mobilizing to dredge areas
- The Scout is continuing work in the nature preserve
- The Chief is dredging outside Old Field Beach
- Final modifications on vegetation barges and putting them in the water

Companies with Approved Special Activity Permits for Aquatic Spraying
- Aqua Doc
- Aquatics Plus Pond Management

Companies with Approved Special Activity Permits for Vegetation Removal by Harvester
- Burrey Aquatic Restoration
Transported two small barges from SE Ohio. The barges will be used to transport vegetation.

Lake Raker was set in the water by a crane. Lake Raker is serviced and 100% operational.

Orange Weed Harvester was finished being repaired and is ready to go in the water.

Collecting logs and trees in the lake.

Four of six seasonal positions started work and are completing orientation.

Stationed buoys and prepped for placing buoys.

Companies with Approved Special Activity Permits for Aquatic Spraying
- Aqua Doc
- Aquatics Plus Pond Management

Up Next:
Dredges will be de-winterized, Pioneer Dredge servicing and Buoys will be placed on 4/7.

Companies with Approved Special Activity Permits for Vegetation Removal by Harvester
- Burrey Aquatic Restoration
The dredge department at Indian Lake has hired additional staff! Shawn Nixon is the new Equipment Maintenance Superintendent who is leading the Dredge Department at Indian Lake State Park. Six seasonal Natural Resource Technician 2 positions have been filled. The new hires will be operating weed harvesters and support equipment this summer. They will be starting this week and will begin training.

Meet Shawn!

Volunteers cannot operate the State equipment. We appreciate everyone who has offered to run harvesters this season, but the State does not allow volunteers to run weed harvesters.

Companies with Approved Special Activity Permits for Aquatic Spraying
  • Aqua Doc
  • Aquatics Plus Pond Management

Companies with Approved Special Activity Permits for Vegetation Removal by Harvester
  • Burrey Aquatic Restoration
The harvesters are being serviced for the upcoming season. Full time dredge staff have ordered parts, replaced cutter teeth, replaced a bad oil pan, serviced the motors, etc.

Lake Raker is starting another season at Indian Lake.

Orange harvester is from NE Ohio and will be it’s 1st season at Indian Lake.

The spray boat is ready to go. We will be utilizing the spray boat in the same areas as in past years, with the addition of state boat ramps. Water temperatures need to be over 50 degrees before any spraying occurs. Over spraying is a concern, so the spraying will be minimal and done under the supervision of a licensed and trained State employee.

Next up:

New hire employees are starting, a crane is scheduled to place harvesters in the water, and they are getting another barge from SE Ohio to use to transport vegetation.