

MASTER PROPERTY OWNERS ASSOCIATION

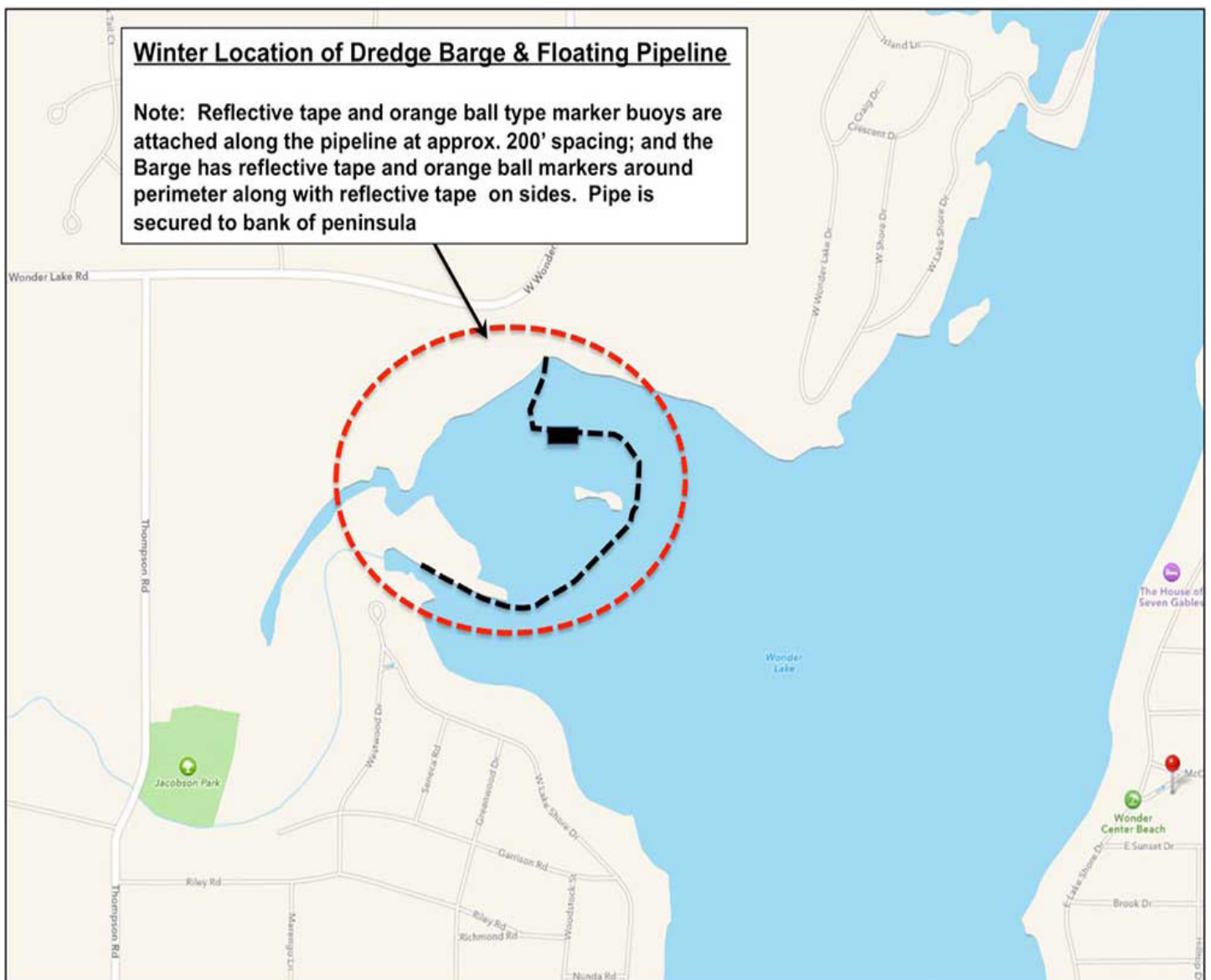
Lake Manager's Reports 2016

Randy Stowe, lakemanager@gmail.com

Lake Manager's Report – January 2016

Randy Stowe, lakemanager@gmail.com

1. I am working with our dredging consultant to obtain the surveyed sediment verification for White Oaks Bay so that the MPOA can confirm that the volume of dredged sediment for WOB, as required under the dredging contract has been removed from that area.
2. The MPOA dredging contractor has de-mobilized for the winter. All dredging equipment / pipeline that will remain in the lake over the winter has been relocated to West Bay, as shown below. Winter lake users will need to exercise caution when in West Bay.
3. All winter lake users are again reminded of the presence of the rip-rap island protection around O'Brien Shoals and Wickline Island, and as always, are urged to use caution in these areas of the lake. Snowmobiler's are also reminded that the Wonder Lake d embankment is strictly off-limits.
4. The Illinois Lake Management Association will be holding its annual conference in Springfield on February 29 – March 2, 2016. Information can be found at <http://www.ilma-lakes.org/ilma-annual-conference>.



Lake Managers Report – February 2016

Randy Stowe, lakemanager@gmail.com

1. I am still working with our dredging consultant to obtain the surveyed sediment verification for White Oaks Bay so that the MPOA can finally confirm that the volume of dredged sediment for WOB, as required under the dredging contract has been removed from that area.
2. The MPOA dredging contractor has de-mobilized for the winter. All dredging equipment / pipeline that will remain in the lake over the winter has been relocated to West Bay, as shown below. Winter lake users will need to exercise caution when in West Bay.
3. All winter lake users are again reminded of the presence of the rip-rap island protection around O'Brien Shoals and Wickline Island, and as always, are urged to use caution in these areas of the lake. Snowmobiler's are also reminded that the Wonder Lake d embankment is strictly off-limits.
4. Last weekend, a number of cars parked on Geneva Lake fell through the ice. While vehicles are not allowed on the Wonder Lake ice, the unusual weather this winter is contributing to variable ice conditions, and potentially hazardous conditions. Anyone venturing out onto the ice should be aware of what to do if they were to fall through the ice. The most recent edition of the Wisconsin "Lake Lines" publication included an informative article on "Safety on Our Frozen Lakes" (attached), and also included a video-link, including YouTube videos on how to save yourself. <http://www.lake-link.com/articles/read0/article.cfm/1018/Safety-On-The-H...>
5. The MPOA has modified its office hours to better accommodate spring decal sales, including Friday evening hours in May and June.

MARCH AND APRIL TUES – FRI 10:00AM TO 2:00PM SAT. 9:00AM TO 2:00PM

MAY AND JUNE TUES – THURS 10:00AM TO 2:00PM FRIDAY 3:00PM TO 7:00PM SAT. 9:00AM TO 2:00PM

6. The Wonder Lake Sportsman's Club will be holding a workday this Saturday, February 13, 2016 to begin removing invasive brush from Strom Island.
7. The Nippersink Watershed Association is planning a stream clean-up of Nippersink Creek downstream of the Wonder Lake Dam. The proposed work day is Saturday, May 7, 2016. Volunteers will be welcome. This activity will complement the annual lake clean-up conducted by the Wonder Lake Sportsman's Club.
8. The Illinois Lake Management Association will be holding its annual conference in Springfield on February 29 – March 2, 2016. Information can be found at <http://www.ilma-lakes.org/ilma-annual-conference>
9. The 4th Annual Fox River Summit will be held on Thursday, March 17, 2016 from 7:30 am to 4:30 pm at the Veteran's Terrace, Burlington, WI. Registration info at <http://www.sewfrc.org/summit/>

Lake Manager's Report – April 2016

Randy Stowe, lakemanager@gmail.com

In August 2015, the Nippersink Watershed Association (NWA) applied for water quality improvement grants for \$ 1.7 million in projects. All of these projects are located upstream of, or in, Wonder Lake. The NWA has been notified that these grants have been approved, with the Illinois Environmental Protection Agency (IEPA) granting almost \$848,000 in Section 319 funds. This IEPA amount represents almost 25% of the Section 319 funds IEPA awarded state-wide in this grant cycle. I will be meeting with those folks receiving grants, once I get more information from IEPA.

The Wonder Lake Sportsman's Club conducted three (3) workdays to remove invasive brush from Strom Island. The shade cast by this brush was preventing soil stabilizing vegetation from growing, leading to erosion. Be sure to thank the following folks for their 112 hours of effort:

Mark Nichols, Tony Musel, Dennis Gallo, John Naatz, Jerry Graff, Ken Shaleen, Mike Pickrum, Sara Pickrum, Jerry Luciano, Brian Verdin, Brian Barnfield, Jason Conrad, Bob Schell

The MPOA will continue to work with the Sportsman's Club on re-establishing native grasses and wildflowers on Strom Island to help prevent erosion as well as providing improved wildlife habitat. As clearing the invasive brush will make the island more accessible to lake users, the MPOA will be working on signage and information to encourage people to avoid trampling newly established vegetation, and to clean up any litter they find.

The Wonder Lake Sportsman's Club will be holding its annual lake clean-up this Sunday, April 17th. Meet at the Hickory Falls 1 & 2 beach area at 9:00 am, as always, volunteers welcome.

The Nippersink Watershed Association is planning a stream clean-up of Nippersink Creek, downstream of the Wonder Lake Dam. The proposed work day is Saturday, May 7, 2016. (Rain date May 8th) Volunteers will be welcome. Meet at the Wonder Lake Dam – East side at 10:30 am.

The Illinois Lake Management Association conference was held in Springfield at the end of February. Dick and I received numerous questions / compliments regarding the Wonder Lake dredging project. Many Illinois lake groups are looking at Wonder Lake as being a success story.

The MPOA dredging contractor is still mobilizing for the start of the 2016 dredging work. They plan to start at Lookout Point towards the end of this month. Updated info will be posted to the MPOA website when an actual start date is known.

Update: MCDH will NOT be making a presentation

We have invited the McHenry County Department of Health (MCDH) to make a presentation at the May 11th, 2016 MPOA Director's meeting on swimming beaches, and the associated responsibilities of the beach operator for swimming beaches. Each MPOA subdivision operating a swimming beach should have their beach commissioner attend this presentation, which will be conducted at the beginning of the MPOA meeting at 7:00 p.m. Final confirmation of MCDH attendance will be sent out prior to that meeting.

In July, 2015, Wonder Lake experienced a pavement sealer spill, which require a Fire Department response, and a subsequent environmental clean-up, which cost the Village \$ 15,000. The Village has recouped a portion of this cost from the insurance company of the person who caused the spill, and is still pursuing the balance. Most pavement sealants used in our area are "Coal-Tar" based, a compound that has been determined to carcinogenic, as discussed on the following pages. Coal-Tar sealant is most often used by commercial applicators, as it is less expensive. A number of studies also question whether pavement sealant actually extends the lifespan of treated pavement. An alternative "Asphalt-Based" version of pavement sealer is available, which is considered to be much safer than coal-tar based sealant. So if sealing your driveway is on your spring to-do list, please consider using an Asphalt-Based sealer.

Protect Illinois Communities from Toxic Coal Tar Sealants

Support HB 5578

Sponsor: Rep. Fine

This bill would ban the sale and use of coal tar sealant in Illinois. It allows cities and counties to adopt ordinances to enforce the ban.

It will help prevent dust from coal tar, a known human carcinogen, from being tracked into our homes. It will protect aquatic organisms in Illinois' waterways from coal tar sealant runoff containing high levels of dangerous polycyclic aromatic hydrocarbons.

What Is Coal Tar?

- Coal tar, produced when coal is subjected to high temperatures, contains high levels of polycyclic aromatic hydrocarbons (PAHs).
- Sealants containing coal tar are used to coat driveways, parking lots and playgrounds. **85 million tons of coal-tar-based sealcoat are used annually in the U.S.**
- Historically, coal tar sealants have been used in the eastern and central U.S. while asphalt sealants have been used in the west.



Pouring seal coating on a driveway.
photo: Minnesota Pollution Control Agency

Why Ban Coal Tar Sealants?

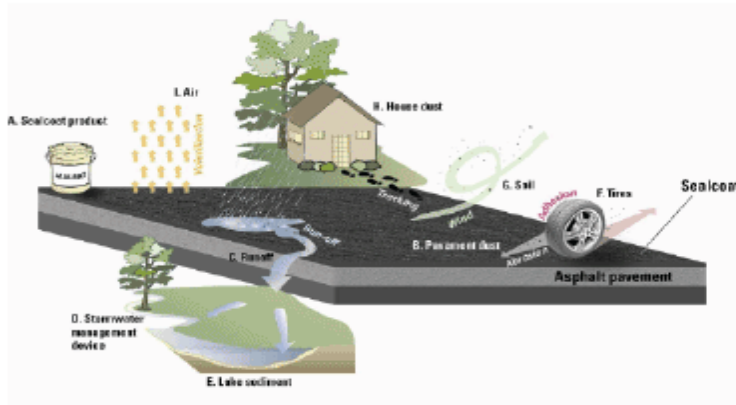
Coal Tar Sealants are a Threat to Human Health

- PAH compounds are known to be toxic, mutagenic and/or carcinogenic and can cause birth defects.
- Ingestion, inhalation, and absorption through skin contact are all potential routes for exposure to PAHs.
- According to a study by the USGS, someone living next to coal-tar-sealed pavement has a **risk of cancer that is 38 times higher** than the urban background exposureⁱ.
- A study by USGS in Lake in the Hills, about 50 miles northwest of Chicago, showed levels of benzo(a)pyrene in dust from coal tar-covered driveways that were up to 5,300 times higher than the level that triggers an EPA Superfund cleanup at polluted industrial sites^{ii,iii}.

PAHs in Coal Tar are Toxic to Aquatic Species

- PAHs can cause severe biological defects and damage the health of aquatic organisms.
- PAHs can contaminate our stormwater and sediments in urban lakes and detention basins.
- **Water running off a parking lot coated with coal tar-based sealcoat had 30 times more PAHs than water from an unsealed lot².**

Coal Tar Sealant Phase-out



ABOVE: USGS Studies show how PAHs escape from coal tar-based sealants and are released into the air we breathe and water we drink.

Damage from Coal Tar Sealants Cost Taxpayers Money

PAH-contaminated sediment causes increased costs and problems associated with stormwater management. Estimates for removing PAH contamination from all basins in Inver Grove Heights, a suburb of St. Paul, pop. 34,000, range from \$1.5 to \$4.0 million.^{IV}

Effective Alternatives Are Already in Place

- PAH levels in the alternative asphalt-based sealants are 1000 times lower than in coal tar sealant.
- PAH concentrations in dust from parking lots in central and eastern U.S. cities, where coal-tar-based sealcoat is commonly used, are up to 3000 times higher than in the western U.S., where asphalt-based sealcoat is more commonly used.
- Using permeable pavement to construct parking lots can eradicate the need for sealants, and reduce flooding and improve water quality by promoting infiltration of stormwater.
- A number of stores, including Ace, Home Depot, Lowes and Menards, no longer sell coal tar sealants but sell asphalt-based sealants.

As of 2015, communities representing **over 16 million people** have voted to pass bans on coal tar sealants. Citizens and leaders in these areas have stood up to protect their communities.

- In 2006 the first ban was implemented in Austin, Texas.
- Washington was the first state to initiate a statewide ban in 2011.
- Minnesota has 29 local bans, and a statewide ban went into effect in 2014.
- South Barrington banned coal tar sealant use in 2012.
- City of Winnetka ban went in effect in 2014.

In Illinois, other communities are moving away from coal tar sealants—

- Government-use restrictions have been adopted by the counties of DuPage and McHenry, as well as by a number of municipalities.
- Members of the DuPage River Salt Creek Workgroup have developed and signed a memorandum of understanding to not purchase or use coal tar-based sealants.^V

RESOURCES

USGS Science on Coal-Tar-Based Sealcoat and Environmental and Human Health, by Dr. Barbara Mahler, Hydrologist. Video presentation: <http://www.viddler.com/v/b63b7a27>

Model Ordinances, Resolution & Pledge:

- **McHenry County** (<http://bit.ly/1Qu0V2r>)
- **Minnesota and Freswater Future model** (<http://bit.ly/1mThFbI>)
- **Barrington Area Council of Governments** (<http://bit.ly/21IBqIL>)
- **Model Pledge** (<http://bit.ly/1PTDr9P>)

ⁱ http://www.usgs.gov/blogs/features/usgs_top_story/youre-standing-on-it-health-risks-of-coal-tar-pavement-sealcoat/

ⁱⁱ http://articles.chicagotribune.com/2013-03-28/news/ct-met-coal-tar-industry-pushback-20130328_1_coal-tar-asphalt-based-sealants-pavement-coatings-technology-council

ⁱⁱⁱ Van Metre, P.C., and Mahler, B.J. Contribution of PAHs from coal-tar pavement sealcoat and other sources to 40 U.S. lakes: Science Total Environ. 2010

^{iv} <http://fyi.uwex.edu/shwec/2013/03/08/mn-community-saddled-with-pah-dredging-costs/>

^v <http://www.drscw.org/nonpoint.html>

Lake Manager's Report – May 2016

Randy Stowe, lakemanager@gmail.com

1. The Wonder Lake Sportsman's Club held its annual lake clean-up on April 17th. Be sure to thank the following folks for their much appreciated efforts:

Tony Signorini, Tony Musel, Tom Sharkey, Pat Dedina, Tom & Tommy Stygar, Ken Shaleen, Bryan Verdino, Dennis Gallo, Mike Pickrum, Rick Hummel, Mark Nichols, Tom Provenzano, Brian Barnfield, Vanessa Barnfield

2. The IEPA is in the process of finalizing the Section 319 grant award of roughly \$848,000, which will allow a number of water quality projects beneficial to Wonder Lake to be implemented. I will be meeting with those folks receiving grants, once I get more information from IEPA.

3. On May 4th, I attended the Wonder Lake Sportsman's Club meeting and made a presentation on the dredging project, and the various water quality projects being undertaken by the Nippersink Watershed Association.

4. On May 7th, the Nippersink Watershed Association conducted a stream clean-up of Nippersink Creek, extending from the Wonder Lake Dam down to the MCCC Canoe Launch at Keystone Road. In addition to myself, Mark Nichols, Dennis Palys and Dick Hilton participated. Thanks to MCCC for allowing site access, and to the McHenry Township Road District for picking up the collected trash.

5. The MPOA has received complaints about folks fishing below the Wonder Lake dam, an area clearly marked with "No Trespassing" signage. The MPOA has notified the Wonder Lake Police Department and the McHenry County Conservation District Police. Both agencies have indicated that they will increase their monitoring of the area, and will take appropriate enforcement action.



6. The Lake Use Commission has installed buoys marking the newly defined areas in Party Bay where lake users can moor their boats, as shown below. The WLPD Marine Patrol will be enforcing these boundaries, so cooperation is encouraged.

7. The MPOA dredging contractor is finalizing upgrades to the dredge, and has indicated that they should be starting Lookout Point (LP) in the next

day or so. They are estimating that LP will take perhaps 3 or 4 days to complete.

8. The MPOA dredging consultant conducted a site visit on April 21st to confirm / verify whether the contract specifications for White Oaks Bay have been met, which is a routine step in any dredging project. The consultant determined that a portion of White Oaks Bay Cove # 3 will need another couple days work to fully meet the contract specifications. The dredging contractor will do perform this work immediately following Lookout Point.

9. Upon completing WOB Cove # 3, the dredging contractor will move down to complete O'Brien Shoals, which they are estimating may take 2 to 3 weeks.

10. Following that, the contractor will then complete Wickline Island, West Bay, and then South Bay. Updated timelines will be provided as they become available.

11. The exhibit below shows the approximate location and extent of the sediment pipeline and pipeline crossings for the summer of 2016. As always, lake user's need to be aware that the pipeline location will frequently shift as dredging progresses.

Lake Manager's Report - June 2016

1. The Nippersink Watershed Association (NWA), received a donation of almost 200 potted plants from the U.S. Fish and Wildlife Service intended to provide butterfly and pollinator habitat. On June 4th, Mark Nichols and the Wonder Lake Sportsman's Club coordinated the planting of roughly 150 of these plants on Strom Island, with the following volunteers participating. Be sure to thank the following folks for their much appreciated efforts:

Tony Musel, Ken Shaleen, Dennis Gallo, Kelly Nelson, Steve Byers, Nancy Williamson, Christyn Gaskell
Preston Skultety, Cindy Skrukrud

Dennis Palys and Bob Schell are coordinating the installation of another 50 potted plants on a wetland parcel in Wonderview owned by the NWA.

2. Today, the MPOA was also notified that it will also be receiving an additional donation of 200 potted plants from "Monarch Watch" www.monarchwatch.org Volunteers will again be welcome once a planting date is scheduled.

3. The Nippersink Watershed Association has received the draft contract from the IEPA for the pending Section 319 grant, which will allow a number of water quality projects beneficial to Wonder Lake to be implemented. I will be meeting with those folks receiving grants, once I get more information from IEPA.

4. The MPOA dredging contractor has completed the dredging at White Oaks Bay and Lookout Point.

5. The MPOA continues to work with the dredging contractor to have them routinely maintain their marking of the sediment pipeline and designated crossing points. They have added buoys, lights and signage.

6. Based on the experiences of the Memorial Day weekend, it has been determined that having the dredging sediment pipeline extended across the mid-section of the lake during the summer boating season is not advisable.

7. As a result, the dredging schedule has changed. The dredge has now been moved to the south end of South Bay, where it will operate for the majority of the Summer 2016 boating season. Once completed with South Bay, the dredging schedule will be updated, as to how and when they will finish Wickline Island, O'Brien Shoals, and West Bay.

8. Please review the updated dredging plan exhibit to familiarize yourself with the new conditions. The boat crossing shown is intended for those needing access to / from the main body of the lake from West Bay, or the west side of South Bay.

9. Lake users operating anywhere in South Bay near Highland Shores, Sunrise Ridge, Wonderview and St. Francis Heights will need to be extremely vigilant of changing conditions. The marked boat crossing will remain in the same place over the summer, but the pipeline between the crossing and the dredge will move as South Bay Dredging continues. Where feasible, avoidance of this area of the lake by lake users should be strongly considered.

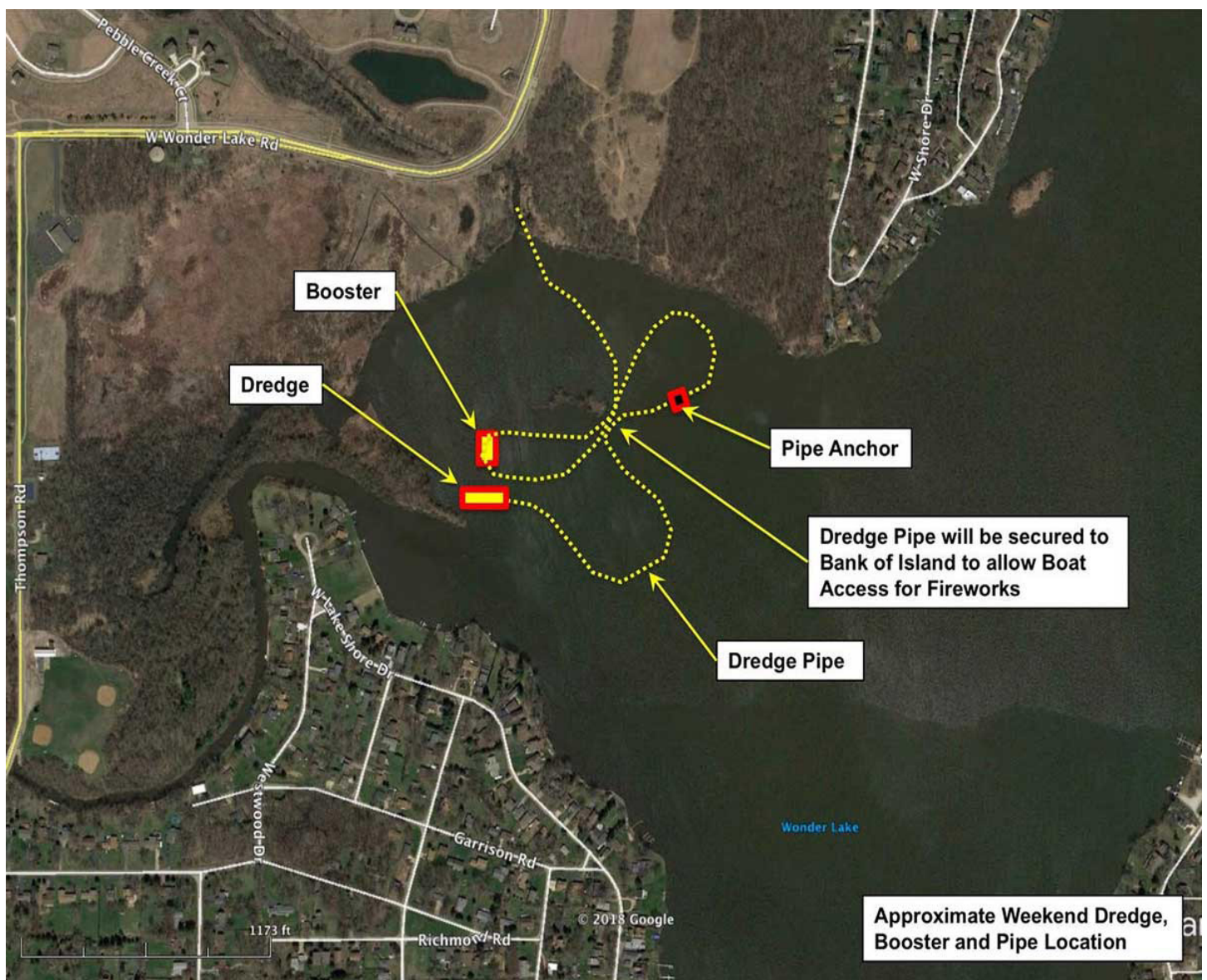
10. To be safe, lake users should at no time come within 50 feet of the pipeline, booster pump, or dredge (except at the designated crossing). The designated boat crossing should be navigated at a "no-wake" speed. If necessary, the MPOA will instruct the Wonder Lake Marine Patrol to ticket any lake user operating in an unsafe manner in proximity to any of the dredging infrastructure.

11. Again, the MPOA asks for everyone's cooperation in having a safe summer boating season. Lake users are reminded that as part of receiving a 2016 MPOA watercraft decal, they signed liability release forms, which states (in part):

5) I am solely responsible for being aware of any dredging-related operation or conditions that might affect my safe usage of the lake: and am responsible for informing anyone operating my watercraft of these conditions...

B. He fully acknowledges that operating watercraft in proximity to any element of the dredging project or any other M.P.O.A. lake restoration project can be hazardous, and...

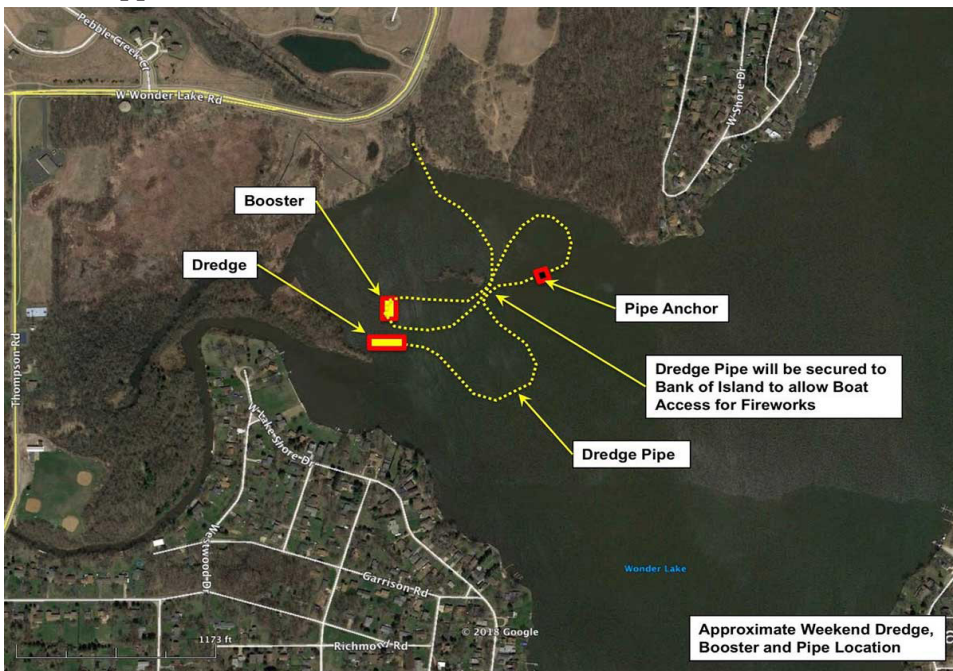
12. The exhibit below shows the approximate location and extent of the sediment pipeline and pipeline crossings for the summer of 2016. As always, lake user's need to be aware that the pipeline location will frequently shift as dredging progresses.



Lake Manager's Report – July 2016

Randy Stowe, lakemanager@gmail.com

1. The MPOA has received numerous comments from lake users about issues in their trying to cross the sediment pipeline at the designated crossing point. The MPOA continues to work with the dredging contractor to make sure that lake users understand how to cross the pipeline without damaging their boats or the pipeline.
2. To be safe, lake users should at no time come within 100 feet of the pipeline, booster pump, or dredge (except at the designated crossing). The designated boat crossing should be navigated at a “no-wake” speed, using their motor tilt if available. The MPOA has instructed the Wonder Lake Marine Patrol to ticket any lake user operating in an unsafe manner in proximity to any of the dredging infrastructure.
3. The MPOA has also received numerous comments from the dredging crew and other observers of water-skiers coming dangerously close to the dredging equipment. A search for quiet water to water-ski on is not remotely worth the risk of incurring serious injuries.
4. Lake users operating anywhere in South Bay near Highland Shores, Sunrise Ridge, Wonderview and St. Francis Heights will need to remain extremely vigilant of changing conditions. Lake users are again reminded that the intended purpose of this crossing is to allow folks from Highland Shores and Sunrise Ridge to gain access to the main body of the lake. Folk's from other parts of the lake should be entirely avoiding this part of the lake.
5. The dredge will continue to operate in South Bay for the majority of the Summer 2016 boating season. Once completed with South Bay, the dredging schedule will be updated, as to how and when they will finish Wickline Island, O'Brien Shoals, and West Bay.
6. An inspection of the recent Strom Island plantings was done on Monday, July 11th. Despite the lack of rainfall, the plants seem to be doing well. However, if the dry spell continues, some volunteer help may be needed to help water plants. It was also noted that after the 4th of July holiday, the island was almost completely free of litter, with the exception of a bait container and some incinerated beer cans. If you bring things to the island(s), please take them with you when you leave.
7. The Nippersink Watershed Association has received word from IEPA that the Fed's have fully authorized the funding for the pending Section 319 grant, which will allow a number of water quality projects beneficial to Wonder Lake to be implemented. I will be setting up meetings with the folks involved with the grant to discuss timing and logistics.

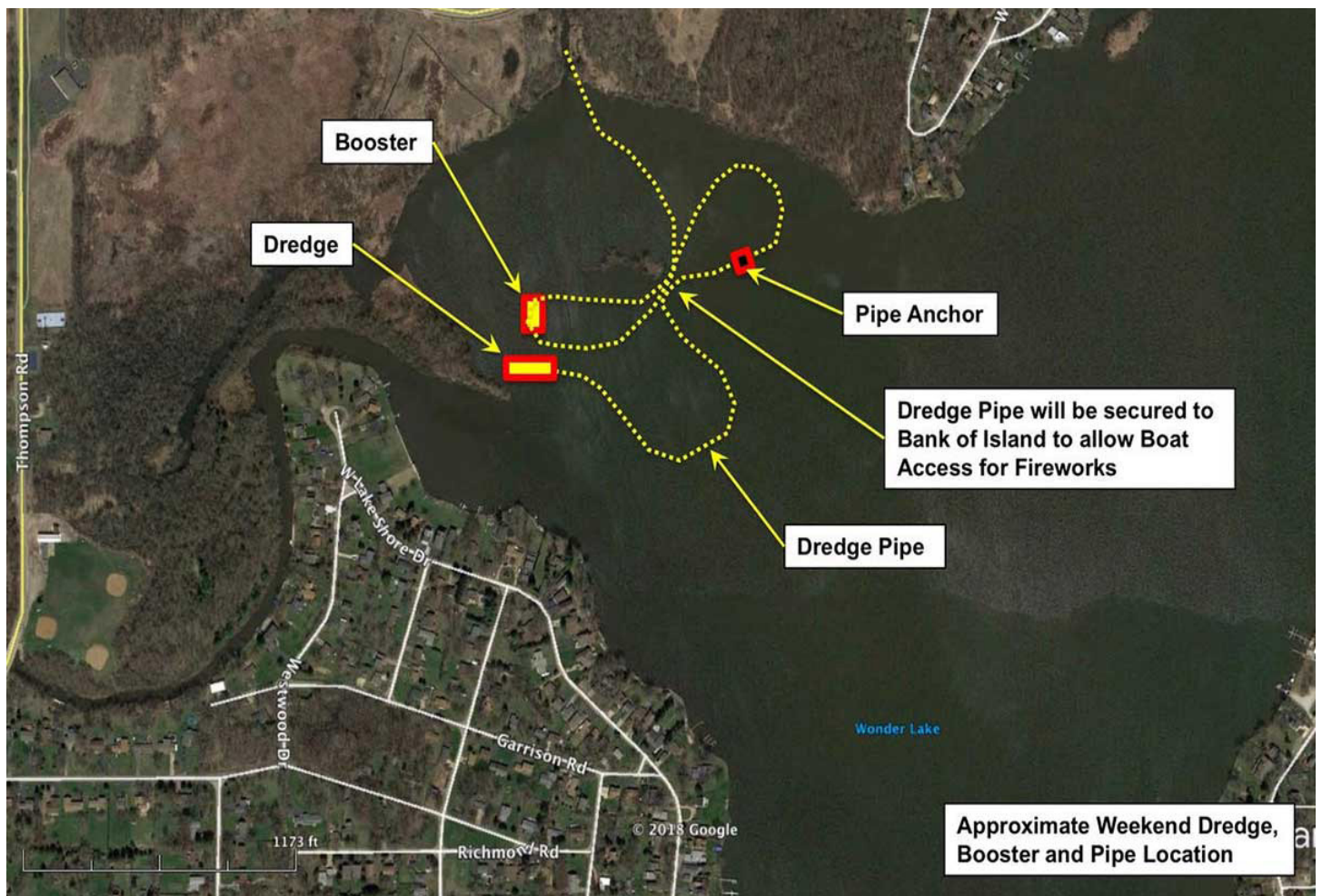


8. The exhibit below shows the approximate location and extent of the sediment pipeline and pipeline crossings for the summer of 2016. As always, lake user's need to be aware that the pipeline location and pipeline crossing conditions will frequently shift as dredging progresses.

Lake Manager's Report – September 2016

Randy Stowe, lakemanager@gmail.com

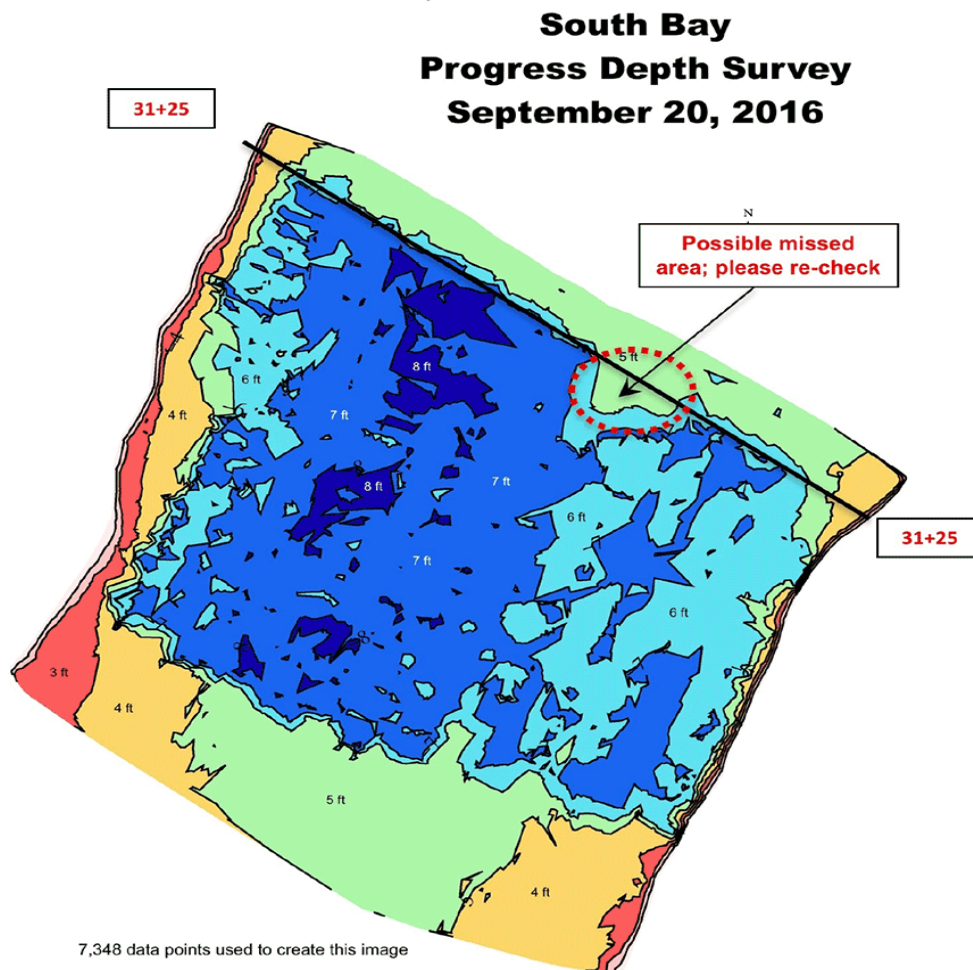
1. The MPOA initiated a “no-wake” zone in the southern part of South Bay, as displayed below and on the MPOA website. The northern edge of the no-wake area has been marked with buoys, but lake users are again reminded that the entire area of the lake south of that is now no-wake.
2. The no-wake condition also extends to any area within 100 feet of the dredge, anchor barges, booster pump, and pipeline. This no-wake condition will remain in place until dredging of South Bay has been completed.
3. The dredge will continue to operate in South Bay until roughly mid-October. Once boating traffic slows down after the Labor Day holiday, and piers are removed, the dredging contractor intends to complete the Wickline Island and O'Brien Shoals areas yet this year. Updated info will be posted to the MPOA website as it becomes available.
4. Water quality monitoring at the 13 Wonder Lake swimming beaches, conducted by the McHenry County Health Department, resulted in 28 events that resulted in beach closings or swim advisories during 2016. Each of these events was associated with a 0.75 inch or greater rainfall event. The 2016 events are fairly consistent with what has been experienced in prior years.
5. The Nippersink Watershed Association has received the contract for the current round of IEPA funding, and is currently working with WL and other watershed landowners on getting projects underway.



Lake Manager's Report – October 2016

Randy Stowe, lakemanager@gmail.com

1. The MPOA dredging contractor will be moving out of South Bay MPOA by next week to work on completing the Wickline Island dredging before moving up to resume work on the O'Brien Shoals area. Any remaining Lake User's need to be aware of changing conditions related to the location of the dredge, anchor barges, booster pump, and sediment pipeline. Any remaining areas to be dredged will be completed in 2017.
2. Verification of sediment depths achieved by the dredging completed in the South Bay as of September 20th, 2016 was completed. This process determined that the dredging depths called for in the dredging plan are being achieved, as well as identified a small area that was missed, which is not an unusual occurrence.
3. On September 29th, 2016, at the request of the MPOA, an inspection was conducted by representatives of the IEPA and the McHenry-Lake Soil & Water Conservation District to determine if the MPOA dredging project is operating in compliance with its IEPA operating permit. IEPA is finalizing their report which confirms that the MPOA is in compliance, with only a couple of minor paperwork items pointed out related to the water quality samples being taken by the dredging contractor at the SDF outfall to Galt Creek
4. The Nippersink Watershed Association has received the contract for the current round of IEPA funding, and is currently working with WL and other watershed landowners on getting projects underway.



7,348 data points used to create this image

Survey area of 34 acres

Lake level 0 - 0.1 inches from normal pool

Contour lines set at 1 foot intervals

Not intended for navigational purposes

Lake Manager's Report - November 2016

Stowe, lakemanager@gmail.com

The MPOA dredging contractor has moved out of South Bay and has begun work at Wickline Island. As of the start of this week, they had completed the area northeast of Wickline Island (as shown in red below) and were moving around to work on the southeast and east side.

wickline island dredging plan

Upon completion of Wickline Island over the next week or so, the dredging crew will move north to resume the work on O'Brien Shoals area, working as long as weather allows this fall. Any remaining areas to be dredged under the existing contract will be completed in 2017.

Any remaining lake user's need to be aware of changing conditions related to the location of the dredge, anchor barges, booster pump, and sediment pipeline. Once dredging shuts down for the year, an updated map of where dredging equipment will be staged over the coming winter will be generated for the use of winter lake user's.

The annual inspection of the Wonder Lake Dam and the Wonder Lake SDF was conducted on October 13th. The inspection was conducted by the MPOA consulting engineers, and a representative of the Illinois Department of Natural Resources - Office of Water Resources (IDNR-OWR), with a number of interested MPOA members also in attendance. Both structures passed the inspection with no deficiencies noted. As required, the inspection reports will be submitted to IDNR-OWR.

The Wonder Lake Sportsman's Club is making plans to conduct an invasive brush-clearing project of Yacht Club Island over the coming winter, similar to what was accomplished on Strom Island over last winter. Volunteers will (as always) be welcome.

I met with a potential contractor for the pending shoreline stabilization of Strom and Yacht Club Islands, which is receiving IEPA Section 319 funding.

I met with an engineering firm to view pending Section 319 funded shoreline projects to allow the design and permitting phase to get underway.



WICKLINE ISLAND DREDGING PLAN

Lake Manager's Report – December 2016

Randy Stowe, lakemanager@gmail.com

After moving out of South Bay, the dredging contractor began work at Wickline Island, and was able to complete the areas shown in red below before having to shut down for the winter on November 22. Dredging this area took longer than expected due to encountering primarily clay lakebed, which clogs the dredge cutterhead, instead of the expected softer sediments.

To date, approximately 60% of the 469,238 cubic yards of sediment under contract to be removed from the lake have been dredged. The dredged sediment already deposited in the Sediment Drying Facility is consolidating well, such that surplus sediment storage capacity now exists beyond what is needed to complete the project.

For 2017, the dredging contractor plans to first finish Wickline Island and then O'Brien Shoals in the Spring of 2017. They will then move back into South Bay over the late spring / summer, and then complete the dredging remaining in West Bay. Barring any unforeseen circumstances, the dredging project should be successfully completed by the Fall of 2017.

All of the dredging pipeline has been moved to the northwest portion of West Bay or off-lake for the winter. Winter lake user's are strongly encouraged to avoid this portion of the lake. A map depicting the approximate winter 2016 / 2017 location of the dredge pipeline is found on the following page

Winter lake user's are also reminded of the presence of the rip-rap "collars" around Wickline Island and O'Brien Shoals, and that snowmobiles / ATV's are not allowed on the Wonder Lake Dam embankment.

The Wonder Lake Sportsman's Club is making plans to conduct an invasive brush-clearing project of Yacht Club Island over the coming winter, similar to what was accomplished on Strom Island over last winter. Volunteers will (as always) be welcome.

All of the lab results for the required groundwater and surface water monitoring conducted in 2016 have been forwarded to IEPA. These lab results confirm that the dredging project is operating in complete compliance with the water quality standards imposed by the IEPA water quality permit.



WICKLINE ISLAND DREDGING PLAN