

President's message continued from page one.

Item A is our cost of dredging 1 cubic yard of sediment from the lake to the spoils area. Note that for dredging, the dry volume is about half the wet volume. For consistency with the other numbers in the chart, the \$10 figure shown is the dry volume equivalent cost. Item B is the cost of excavating the spoils area to create more space, using the "pushing the dirt out and up to the rim" method. The total cost for this approach is \$13 per cubic yard. It's comparatively low, but not sustainable, because the spoils area will eventually run out of space.

Item C is the cost that an outside firm would charge us to dredge and then remove the material off site. This method is sustainable, but the cost is high, over twice the cost of the method above.

Item D is the cost that a soil processing company (Mr. Dirt) would charge us to load and truck material from our spoils area to their plant. Other firms have quoted lower (or sometimes even higher) figures, but all have been prohibitive.

Items E and F show the cost for managing our own loading and trucking offsite disposal operation. What F doesn't show is how the cost of trucking depends on distance. For a one-way distance of 1 mile, the trucking cost drops to \$2. For a one-way distance of 20 miles, the trucking cost jumps to \$7.

The game plan

For the past few years, the board has tried unsuccessfully to give away free fill dirt by placing ads on Craig's List and by word of mouth. Last fall the board decided to turn up the heat. The board approved a measure where it would pay up to \$5 per cubic yard toward the loading, trucking and disposal of dirt from the spoils area. This would provide free delivered dirt to sites less than three miles away, and would offer an incentive toward more distant sites.

The \$5 number is a starting point, and has produced good results so far. This spring, we hauled away 36 triaxle trucks of dirt under the plan. As of this writing, we have 70 truckloads scheduled to be removed next week, and more in the works.

What's clear is that the higher the incentive, the more takers. We've had tentative offers for the removal of unlimited amounts of dirt as the incentive hits \$10. This is good news as it sets a price for fully sustainable sediment disposal. For now, we will continue with the \$5 plan and make adjustments as our budget and the market mandate.

Board Revises Guest Policy

The board approved a revision of the lake rules at its June 2 meeting to clarify the guest policy. The previous wording specified guests per lot, implying that multiple lot property owners were entitled to more guests than single lot owners. The new policy also clarifies who is entitled to invite a guest:

IDENTIFICATION OF GUESTS

Lot owners are permitted to invite guests to use the lake or other Association property.

- 1. A maximum of four guests per household is permitted.
- 2. The household member must accompany guests at all times.
- 3. Parties or picnics that consist of numerous guests must receive prior approval from the board of directors. Please plan your party far enough in advance to allow the Board to act upon your request at a regular monthly Board meeting.

The complete rules are available online at http://s93475566.onlinehome.us/indian_lake/index.htm under documents and forms.

Indian Lake
Smoke Signal

• INDIAN LAKE IMPROVEMENT ASSOCIATION •

President's Message
by Mark Rumreich

Sustainable Sediment Disposal

Sustainability has become a media buzzword, from energy policy to fishing practices. At Indian Lake, one of the board's top priorities is working toward sustainable sediment disposal. Our dredging operation produces about 10,000 cubic yards of sediment a year, and it all has to be disposed of.

The historical approach

Our dredge pumps sediment-laden water to our football-field-sized spoils area at the east end of the lake. Here the sediment settles out, and clear water flows back to the lake though a weir pipe.

Our dredging spoils area has a capacity of about 25,000 cubic yards. Depending on conditions, we can fill the spoils area with about two or three years of dredging. After the spoils area fills in, we re-excavate it, pushing the dirt out and up to the rim, keeping the dirt on site. But there's a limit to how many times we can keep doing this before we run out of space. We've looked at expanding the spoils area southward, but that land is considered a wetland, and is protected. The only sustainable alternative is to haul dirt off site.

The nature of our sediment

The board has searched for a good home for our sediment for years. The good news is that our sediment is free from contaminants. The bad news is that our sediment is not suitable as quality topsoil or as compactable fill for construction (it lacks clay). It's not pure sand either. So its uses are limited.

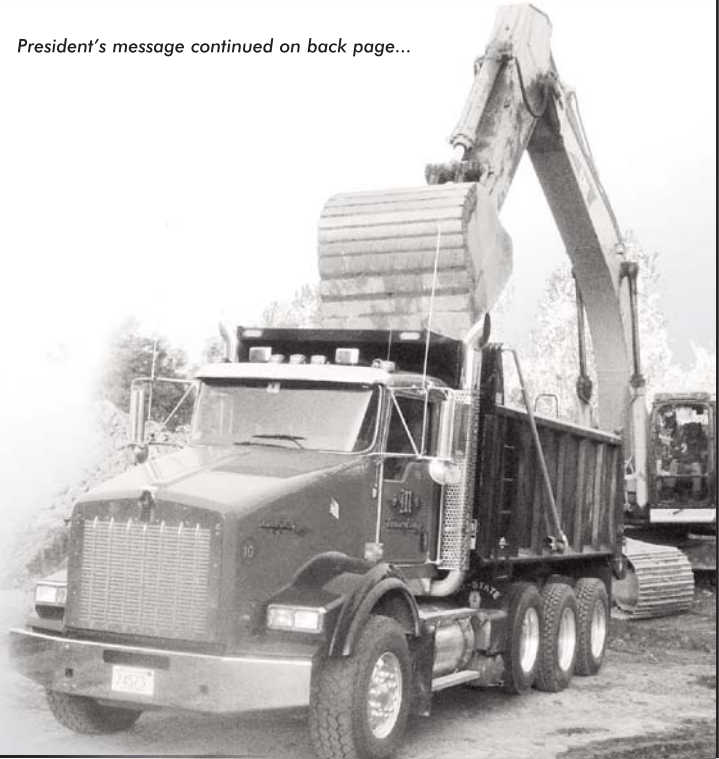
We've contacted numerous soil processing companies. They can blend our sediment with other components to produce sellable soils. But the bottom line is always that we would have to pay for trucking sediment to their facility, at a prohibitive rate.

The economics of sediment disposal

The chart below shows the approximate costs of moving 1 cubic yard of material at various points in the removal and disposal process. Some competitive reference prices are also included.

A	dredge 1 cu yd	\$10
B	excavate 1 cu yd (2007)	\$3
C	remove 1 cu yd (Merrell Bros)	\$27
D	remove 1 cu yd (Joe Dirt)	\$12
E	load 1 cu yd	\$2
F	truck 1 cu yd (5 mi)	\$4

President's message continued on back page...



When You Need To Call



KEEP THIS WITH YOUR
INDIAN LAKE PHONE DIRECTORY

Assessments - Lynn Osborn	826-1505
Beach Reservations - any board member	
Boat Slip Rentals - Jeff VanTreese	823-6690
Bylaws and Rules - RJ Russell	826-1870
Civic Committee - Ruth Norrington	460-8576
Property Maintenance - RJ Russell	826-1870
Security - Jeff VanTreese	823-6690
Smoke Signal - Lori Rumreich	823-3897

BOARD OF DIRECTORS

Mark Rumreich (president)	823-3897
Jeff VanTreese (vp)	823-6690
Lynn Osborn (secretary/treasurer)	826-1505
Ed French	823-4431
Ron Gillum	723-3917
Jim Hoskins	826-4944
Mike Hurd	823-0313
Paul Legge	823-7133
Ben Slocum	723-3079
Andy VanTreese	823-8990

Looking for Indian Lake Info

We're looking for information to make the Indian Lake website and future editions of the Smoke Signal even better. We're especially interested in:

- Smoke Signals from the nineties
- documents from the thirties, forties or fifties
- old Indian Lake phone directories
- old photos relating to Indian Lake

Please contact rumreich@gmail.com if you can help.

Women's Bible Study

Do you take God at His Word, believing what He has told us, or do you just believe in His existence? Would you like to deepen your trust in God?

Come get to know God and your neighbors as we study Believing God: Experiencing a Fresh EXPLOSION of Faith by Beth Moore. This study is terrific for women of all ages and stages. We will meet Wednesdays, 7:00-8:30 pm, beginning in mid-September. If you are interested please call Valarie Canfield at 826-1825.



Civic Committee News



Easter Egg Hunt a Hopping Success

Under warm sunny skies, the Easter Bunny hopped over for a visit to the Indian Lake Park on Saturday, March 27th. Youngsters were in search of many eggs and the golden eggs and a visit with the bunny. The winners were the following:

Age Group	Most Eggs	Golden Egg
0-4	Niece	Griffin Slocum
5-7	Grace Sweeney	Dade Shalkowski
8-10	Tony	Sam Zainey

Annual Picnic

The annual picnic hosted by Eddie French will be on Sunday, July 18th, from 2-7pm.

Tacky Tourists is the theme this year so come in your most outlandish travel outfit – crazy hats, wild shirts and shoes, oversized bags. Please join us for fun in the pool and dinner at 5pm. There will be a raffle and door prizes.

New Fun at the Park

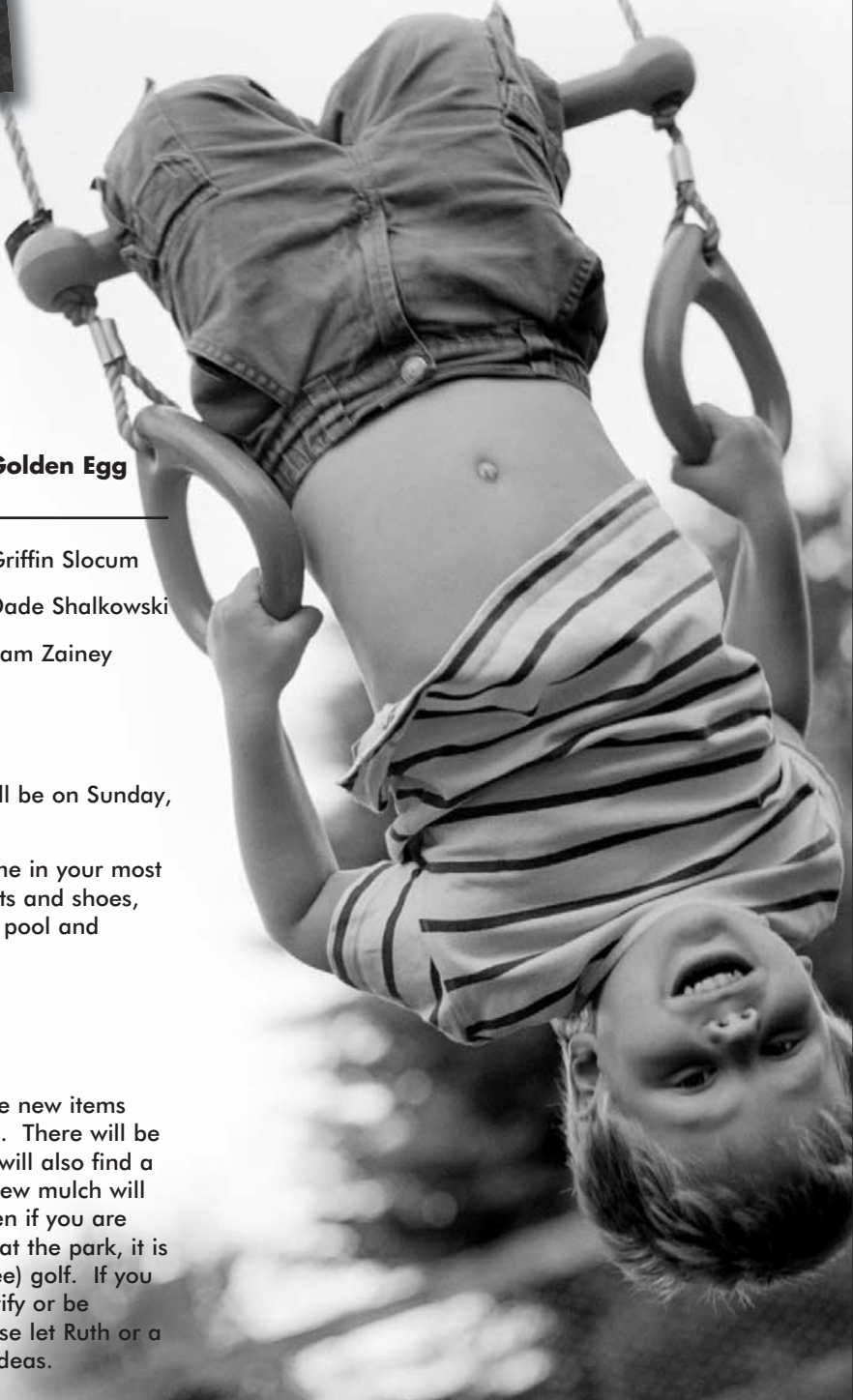
The Civic Committee will be purchasing some new items that you will soon see at the park and beach. There will be a new picnic table at the South Beach. You will also find a new backboard for the new tennis courts. New mulch will be added to the playground equipment. Then if you are wondering what the crazy net contraption is at the park, it is the new goal for practicing for disc (or Frisbee) golf. If you have suggestions on things that would beautify or be enjoyable for the Indian Lake residents, please let Ruth or a member of the Civic Committee know your ideas.

Welcome New Neighbors

Welcome to our new neighbors at 10451 Indian Lake Blvd. South, **James Mills** and **Dana Stidd**. James is from Muncie and Dana is from the South side of Indianapolis.

Next Civic Committee Meeting

The next Civic Committee meeting will be on Tuesday, July 13th at 7:30pm. We will meet at North Beach and take a ride on Stacy Russell's boat for the meeting.



How Did the Turtle Cross the Road and Other Turtle Tales

We’ve all heard that tired old joke about the chicken crossing the road: “How did the chicken cross the road? Very carefully”. Unfortunately, it’s not a joke for turtles, and because they do cross our roads – maybe a bit too carefully – they are often hit by vehicles. Indian Lake residents can help if they see a turtle crossing the road by giving it a lift so to speak. Carefully pick it up and place it on the side of the road in the direction it was heading. A couple caveats are to watch for traffic yourself and not to help snapping turtles unless you know how to handle them safely.

Turtles, despite the fact that they’ve outlived the dinosaurs, are becoming increasingly vulnerable due to habitat loss and fragmentation as well as pollution from chemical runoff. Freshwater turtles produce relatively few eggs and unfortunately most of the eggs don’t survive. Making it to hatchling status doesn’t guarantee survival either. Many species now face extinction.



Here’s another way to help these vulnerable neighbors of ours: Leave them in the wild. They are not pets and should not be brought home to live in terrariums or bathtubs (honestly, would we want to be carried home by a teenage turtle to live under a rotten old stump?). In fact some species are federally protected and gathering them from the wild is a federal offense.

There are 46 species of freshwater turtle found north of the Mexican border. Here on Indian Lake we are lucky enough to see a wide variety of turtle species: Snapping, Midland painted, Eastern box and red-eared slider to name a few. Some of the turtles we see sunning on logs and rocks could be as old as 120 years of age. Let’s help the rest of them live to an equally ripe old age.



Protecting Native Species

Fall Creek Valley Middle School 6th Grade Service Project

by Laine Rumreich

Unseen enemies are stealthily destroying native plants and negatively impacting wildlife. These enemies are invasive species and nuisance wildlife.

Invasive species of plants are plants that were brought from another country or region and are not native to Indiana. They are bad for the environment because they take up space and nutrients of native species, which end up upsetting the natural balance of nature. Invasive plants hurt wildlife by eliminating the plants our native animals need for food and cover. Invasive plants destroy habitat for rare wildflowers and animals; they threaten two-thirds of all endangered species.

One of the main invasive plant species is honeysuckle, which is very easy to identify. It’s the first plant to leaf-out in early spring. A few weeks later, its abundant small white flowers make it easily stand out. In summer, it develops quarter inch red berries. In the fall, it’s one of the last plants to drop its leaves. Another distinctive identifier is that the branches often exhibit abrupt turns.

One of the ways to prevent problems with invasive species is to simply be careful of what we buy and put into our environment. The other way is to cut down the invasive plants, then apply herbicide, a chemical that will keep it from growing back, to the stump. Agencies around Indiana spend hundreds of thousands of dollars each year to eradicate these species and protect our natural areas. This helps the environment, but there are still a lot of invasive species right in our own community. Everyone can help eradicate invasive species and help out the environment. This will help native plants and animals to get food and space to live.

Another problem our environment faces is nuisance wildlife. A prime example is beaver damage where the beavers cut down trees to build a dam. This is okay in a natural environment, but when people live in the area, it becomes a big problem. Beavers are famous for their ability to topple large trees using nothing but their specially adapted teeth. Fortunately there are ways to protect important trees without eliminating the beaver and its wetland ecosystem. Some trees can be spared from beaver gnawing by placing wire cylinders around the base of their trunks. The purpose of this heavy wire cylinder is simply to keep the beaver from getting to the tree. Doing this can greatly help the environment in several ways. One is it will help save trees and the animals that depend on them. Another is that it will not harm the beaver.



All homeowners should consider taking action to protect native species on their properties. If we don’t do it, it won’t get done!

editor’s note: Laine made a presentation and obtained permission from the board to remove honeysuckle and wrap trees with mesh to protect against beaver damage on the Yakima Trail. She also interviewed Craig Schroer from IDEM. This article is the media part of her service project.



Photos of
Laine
Rumreich

Jane Ann Kopitzke

Jane Ann Kopitzke, a matriarch persona of Indian Lake passed away on April 30th of this year. Along with Helen Brodie, Lou Powers, Freda Helfer, Louise Hoskins, Maureen Wagner, and Flo Peck, Jane Ann always was involved in the community! Whether it was beach clean-up, Monte Carlo, Annual Picnic, publishing and distributing "The Smoke Signal", or the Easter Egg Hunt, Jane Ann was there.

She hosted countless Women's Committee meetings (now known as the Civic Committee) and even hosted the Progressive Dinner at her home at the age of 89. With her positive disposition, intelligence, and wit, she brought so much to whatever was placed before her. Thanks to God for giving us this special person!

These ladies were mentioned in the September 1994 Across the Fence. See this historic Smoke Signal and many more at http://s93475566.onlinehome.us/indian_lake/index.htm

Join the Indian Lake Email List

Feel like you're missing out on late-breaking Indian Lake news and information? Join the Indian Lake email list! It's simple - send an email to rumreich@gmail.com and ask to be added to the list.

You'll start receiving information that won't reach you in any other way such as:

- crime watch alerts
- lost and found boats
- rescheduled meetings
- short notice events
- road closings

There's no spam, and all emails are sent BCC (blind carbon copy), so your email address won't be revealed to anyone, including other email list members.

Looking for a Babysitter?

Hope Canfield would like to babysit small children in the area. Hope is a sophomore at Heritage Christian School. If interested, please call the Canfields at 826-1825.

Marlow Rumreich would also like to babysit. She's a sophomore at Lawrence North. If interested, please call the Rumreichs at 823-3897.

If any other student would like to offer babysitting, yard work, snow shoveling or similar services, please contact the Smoke Signal.



Need a Boat?

If any Indian Lake residents have watercraft they want to buy or sell, the Smoke Signal can help. We'll publish your for-sale or wanted ad in the Smoke Signal, for free. Please send a complete description of your watercraft (photo optional) to rumreich@gmail.com.

Indian Lake Window Decals

If you ever park your vehicle at North or South Beach, be sure you have an Indian Lake decal in your back window. This lets residents know it's not a trespasser. If you need a decal, they're available from Lynn Osborn.

