



Waukegan Harbor Citizens' Advisory Group

P.O. Box 297
Waukegan, Illinois 60079

<http://waukeganharborcag.com>

Minutes of the May 16, 2013, CAG meeting held at Lilac Cottage, Waukegan Park District, Waukegan respectfully submitted by Natalie Dutack, acting as Recording Secretary of the Waukegan Harbor Citizens' Advisory Group.

The May 16, 2013, meeting of the Waukegan Harbor Citizens Advisory Group was called to order at 6:09 p.m. by Chair, Susie Schreiber.

The Chair welcomed those in attendance and asked everyone to introduce themselves and any group that they represent.

Attendance at the May 16, 2013 CAG Meeting:

Duane Ambroz	IDNR
Larry Brewer	LaFarge Corporation
Tim Drexler	USEPA
Natalie Dutack	Concerned Citizen
Claudia Freeman	Waukegan Park District
Paul Gieselhart	Lake County Audubon
Joseph Hmieleski	Concerned Citizen
Paul Kakuris	Concerned Citizen
Heriberto Leon	USEPA
Christine Nannicelli	Sierra Club
Doug Ower	Sierra Club
Ross Del Rosario	USEPA
Sharon Sandoval	North Shore Sanitary District
Susie Schreiber	Illinois Audubon
Diane Tecic	IDNR
Don Wilson	Concerned Citizen

GUESTS:

Neil McGowan	Larsen Marine
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Note: Someone picked up the sign-in sheet and we need it back. The above is our best guess.

AGENDA

A request was made for an update from Midwest Generation on their plans.
An update about the LaFarge closing will also be added to the agenda.

MINUTES

Everyone received a copy of the March, 2013 meeting minutes. There were no additions or corrections. Claudia Freeman moved to accept the minutes. Paul Geiselhart seconded, and the motion carried.

UPDATES

USEPA

Johns Manville

The USEPA is completing the five-year review for the Johns Mansville site. They are beginning investigations to confirm the depth of asbestos disposal around certain utilities in the Southwestern Site Area. The USEPA is reviewing the revisions to the 30% design for the Industrial Canal, Pumping Lagoon, and Collection Basin. The 95% design is expected in late 2013.

Questions:

How far along are we with the design of the Industrial Canal?

We do not have that answer at this time.

How did the recent storm affect Johns Mansville?

This is not known, but they will get back to us. Duane Ambroz noted that everything on site looked normal.

Yeoman Creek Landfill

No Updates.

North Shore Gas former manufactured gas plant sites

No Updates.

Outboard Marine Corporation (OMC):

See CAG Business for report from Tim Drexler, USEPA Project Manager

IDNR

As part of the Beneficial Use Impairment (BUI) delisting, Dr. Julie Kinzelman is being contracted to conduct beach sanitary surveys. Dr. Kinzelman is an expert in Great Lakes beach health. She works for the city of Racine, WI, where she created a groundbreaking beach management plan that reduced beach closings by 85%. Her surveys will give us ideas on E. coli prevention on the Waukegan lakefront.

City of Waukegan

The new Mayor of Waukegan is Wayne Motley. Susie Schreiber met with Mayor Motley, and then briefly with the new City Engineer, Scot Prindiville and new City Clerk, Artis Yancey this morning. They will be working closely with the CAG on several future projects.

CAG BUSINESS

Glen Flora Ravine Headwaters and Wetlands

The National Fish and Wildlife Grant Proposal was submitted last month. This project is a coordinated effort for the restoration of ravine systems in the state of Illinois, focusing on the Glen Flora Tributary in the Glen Flora Country Club, and the B2 wetlands below and to the east of Bowen Park. The Alliance for

the Great Lakes will take the lead, in coordination with the Waukegan Harbor CAG, IDNR, Lake County Stormwater Management and Glen Flora Country Club.

OMC Superfund Site – Status Update – Tim Drexler, USEPA Project Manager

The second season of dredging began on April 1, 2013. Two dredge units are working 24 hours a day, 6 days a week. On weekends they are back-flushing the water treatment facility so it's ready for Monday. Work is currently at the half way point. They anticipate completion by end of August, 2013.

No conformational sampling has been conducted yet. Samples will be taken at the designed cut depth to confirm levels of 1 ppm of PCBs in sediment. PCB levels were previously ranging within 30 ppms. The confirmatory field team mobilized today and plans on doing the first coring on Tuesday of next week.

Currently sediment goes into large diameter bags. Water weeps out and sump pumps pump it into the water treatment plant. They are going to a higher capacity pump this week. They will move into the next phase from July into August.

Due to the age of the structure, dredging is not possible in areas located within 20 feet from seawalls. Instead, 1 foot diameter riprap is being placed over geomembrane armor and covered with 1,200 linear feet of articulated concrete mattresses. In other areas 3 feet of riprap are being used. Then 6 inches of clean sand will be placed over the bottom of the harbor.

The treatment plant will continue to operate for 1 year. By next April (approximately), water weeping will diminish, and the plant can be taken down. Then USACE will dredge the outer harbor and place sediment over the site.

OMC Plant 2: On June 9th the subcontractor will begin removal of contaminated soil from the eastern portion of the site. Soil removal will continue through the fall. Cement removal will also be conducted at this time. The area will be graded, fill added, and re-vegetated with a seed mix created in coordination with the Waukegan Harbor CAG.

Questions:

Are you coring in completed areas? And at what depth?

Yes. We are trying to go to refusal, to get a plug of clay at base of the core.

What does back flushing entail?

There are filters cleaning sediment out of the water. It starts to foul over time and the system becomes less efficient. Then we run the system backwards and add hydrogen peroxide to clean it out.

Can we tour?

Yes, there will be opportunities.

Will you be sampling for anything else?

No, just PCBs.

Will you be checking depth?

Yes, constantly, to ensure we are meeting cut depth. We are using GPS with centimeter accuracy (survey grade GPS).

How much did the geotextile increase the cost of the project?

Not much, about \$180,000.

Lake Michigan Littoral Sand Accumulation

The approach channel forms a funnel where the ships enter. Sand has been moving in from the northeast, east and southeast and accumulating in this spot. Recent storm events (2011-present), including Hurricane Sandy, have contributed to sand blockages in the harbor.

The City of Waukegan has hired a contractor to mitigate this issue. They have talked about sand removal from the Waukegan Dunal Area. The Waukegan Harbor CAG has been working on this issue in coordination with local partners, the IDNR, and the USEPA for the past two years. We need to continue to work on it thoughtfully to come up with the best solution.

Green Harbors – Neil McGowan, Larsen Marine

Waukegan Harbor and Muskegon Harbor (MI) were templates for the Green Marina and Harbor Infrastructure Project. Larsen has been here since 1933. They wanted to preserve and protect the marine environment. They provide clean engines, bottom paints, and environmentally friendly products for boaters. They are the only Illinois 5 Star Certified dealership on Lake Michigan, and they are one of the first to become a part of the Green Marina Movement.

NOAA requires emergency protocols, boater best management practices, best practices for business, and prominent signage as part of the program. Larsen and their guests must follow all notices, statements, and procedures. Currently these policies are voluntary in Illinois, but Larsen has them in place. One of the biggest areas is education. Larsen holds clinics to help inform their customers of best practices and procedures to keep the lake clean and safe.

Larsen also has a “Green machine”. Boats are cleaned in the yard and wastewater is treated by the Green Machine. It catches solid sediment, and makes sure nothing gets back into the lake. These filters are changed daily. It is very effective in removing contaminants.

Questions:

Do you take in hazardous materials?

No. There are paint collection centers that do this. Larsen also has guidelines for boat owners on how to deal with hazardous materials.

Are you building a boat slip? No.

North Shore Gas – Ross Delrosario

The USEPA is overseeing the South Plant and North Plant remediations.

South Plant: This is a 2 acre area, located by Pershing Rd. and South Harbor Place. It is bisected by Pershing Rd. This former manufactured gas plant was dismantled around 1950. Investigations began in the 1990s, starting with an IEPA state remediation program. The EPA recently submitted its review of the draft Remedial Investigation (RI) report completed by Integrys on behalf of North Shore Gas. This

report includes characterization of contamination, and a human health and ecological health assessment report.

The purpose of the investigation was to characterize the extent of contamination on site. Soil, ground water, sediment, and gas samples were collected. They are currently waiting for Integrys to respond to their comments on the report, which will probably be within the next 20-30 days. After the EPA reviews and approves the report, Integrys is required to come up with a feasibility study to address the contamination onsite. This will include an analysis of clean-up technology. The EPA will have a public comment and review period for the proposed plan in the next 6 months to a year. After this they will issue a record of decision which encompasses the remedy for the site.

Questions:

Is it a Superfund site?

This is a Superfund Alternative site. It is voluntary, and we are working to try to resolve it.

EJ& E railroad was getting contamination from an old fueling station into their parking lot. Is that being addressed?

We are still in the investigative stages.

Can we use bioremediation?

We don't know yet, but there will be that kind of analysis.

North Plant: This is a 16 acre site, owned by the City of Waukegan, the EJ&E railroad, and North Shore Gas. It is located off of Pershing Road with Darhinger Road as its northern boundary, just west of the North Shore Sanitary District. Investigations were started about a month ago. They are going through the same exercise that they did at the South Plant. It will take 5-7 weeks to complete field work. After 3-4 quarterly rounds of sampling they will draft the Remedial Investigation (RI) report.

There was negotiation on an agreement to remove sources of contamination onsite using an in situ stabilization process. The procedure involves excavating 2-3 feet of soil, taking cores, and mixing soil on site with cement, to solidify everything and keep it in place. This work will continue into July in the northern two thirds of the site. It will be tested for strength and permeability. The theory is it will be non-leaking at the bottom. When this is achieved the site will be covered with top soil.

Additional remedial plans will be made to ensure safety. There will be a human health and ecological risk assessment portion to these plans.

Bowen Park Restoration

There is an emergence of wonderful spring ephemerals at Bowen Park. Much of the woody species have been cleared and CLS is continuing restoration work onsite.

Re-Vegetation RFP for Waukegan Dunal Area and Bowen Park

The Re-vegetation RFP is out. The site tour was last week for all interested contractors. Proposals are due May 29th. Once all the Proposals are received, they will go to the Technical Committee for review.

Waukegan Park District

The Waukegan Park District had a tremendously successful Live Green Family Festival event celebrating Earth Day with 1,200 people in attendance at Bowen Park at the end of April! Many participants enjoyed ravine tours with Wayne Schimpff, nature crafts, reptile exhibit, outdoor cooking, SWALCO recycling and high tech science experiments. Frog watching captured the attention of many children and their parents.

Harbor Dredging Tours

The Waukegan Harbor CAG will be going on a tour in June. We are also working to set up tours for the County, Waukegan Yacht Club, and more student groups.

IDNR Coastal Use Survey

Just a reminder - the IDNR is asking for input on the Coastal Use Survey.

Visit: <http://www.illinoiscoastalpriorities.org/> or the Waukegan Harbor CAG website.

USEPA – Great Lakes 5 Year Action Plan

From May 21st -22nd there will be a Great Lakes Advisory Board meeting at USEPA office in regards to the Great Lakes 5 Year Action Plan. The public can participate through webinars. We will get it posted to the Waukegan Harbor CAG website ASAP and encourage you to have a look.

Conservation Congress

The Conservation Congress will convene with the IDNR in September 2013. They will be looking at regional issues for Northeastern Illinois.

Lake Baikal

In August 2013 there will be a conference in Russia on how to archive all the data and research that has been done on Lake Baikal. Guests from China and Mongolia will be attending. We may be able to send people on an observer status.

OLD BUSINESS

Lake County Stormwater Management Hydrology Report

The Waukegan Harbor CAG website will post the report when it is made available.

NEW BUSINESS

LaFarge

On May 1, 2013 LaFarge closed their doors. This was an international corporate decision with all of their sites west of the state of Michigan through Oklahoma and Kansas being closed down. They are focusing

on more competitive eastern US regions and the eastern Great Lakes. They will be keeping the fly ash terminals open at the Waukegan location. The Waukegan Harbor Citizens' Advisory Group sincerely thanks LaFarge for their years of support to the Waukegan Harbor CAG!

Midwest Generation

In response to questions about Sulfur Dioxide emission controls, Midwest Generation stated that they are budgeted to proceed with plans for the first part of the work. There will be more answers in July 2013. The Waukegan Harbor CAG wrote a letter of support and Midwest Generation was granted their intermediate stage time variance, but they are still complying with the EPA final deadline.

WG Jackson Visit

Tours are scheduled for July 9-12, 2013. The tour schedule is completely filled at this time.

Great Lakes Week

Great Lakes Week will be on September 9-12, 2013 in Milwaukee, Wisconsin

State of Lake Michigan Meeting

The meeting is October 15-17, 2013 in Sheboygan, Wisconsin. This is a great opportunity to see another Area of Concern's work and learn about all the remediation and science going on within the Lake Michigan watershed. There will be field trips, and more!

Great Lakes Beach Association Conference

The Conference will take place on October 15-17, 2013 in Sheboygan, WI.

ANNOUNCEMENTS

None

ADJOURNMENT

A motion to adjourn was made by Larry Brewer, and seconded by Claudia Freeman. The meeting ended at 8:03 p.m.

WEB SITES
Updated 7/2013

<http://www.waukeganharborcag.org>

The Waukegan CAG website.

<http://www.epa.state.il.us/environmental-justice>
<http://www.ilenviro.org>

Illinois EPA – Environmental Justice website.
Good listing of all environmental bills in the IL House & Senate.

<http://www.glc.org>
<http://www.binational.net>

Great Lakes Commission.
This site is good for the Great Lakes Water Quality agreement but Wis for BI-National only- will never have any Lake Michigan material!
Great Lakes Water Levels

<http://www.glerl.noaa.gov/pubs/brochures/wlevels/wlevels.html>

Detroit District of USACE also does water levels
State of the Great Lakes – SOLEC full report
SOLEC has a report every 2 or 3 years- not just one report – last conference in 2011, the report is usually one year later. This info is usually on binational.net also

<http://www.cciw.solec>

<http://www.epa.gov/glnpo/solec>

The Lake Michigan Forum
Lake Michigan Lake Wide Management Plan
(LaMP 2000-2008 annual reports 2010, 2011, 2012)
Lake Michigan Monitoring Coordinating Council

<http://www.lkmichiganforum.org/>
<http://www.epa.gov/glnpo/lakemich>

<http://wi.water.usgs.gov/lmmcc/index.html>

Lake Michigan Mass Balance

<http://www.epa.gov/glnpo/lmmb>

Zebra Mussels in Southwestern Lake Michigan

<http://biology.usgs.gov/S+t/noframe/> x186.html

Annis Water Resources Institute

<http://www.gvsu.edu/wri>

A document on Bioaccumulative Chemicals of Concern

<http://www.epa.gov/OST/GLI/> glimixqa.html

CAG Members

*Abbott Laboratories
Akzo Nobel
Alliance for the Great Lakes
Bombardier Recreational Products
Carol Dorge, Attorney
City of North Chicago
City of Waukegan
College of Lake County
Commonwealth Edison
Great Lakes Sport Fishing Council
Illinois Audubon Society
Johns Manville
LaFarge Corporation
Lake County Audubon
Lake County Chamber of Commerce
Lake County Planning, Building and Development Dept.
Lake County Health Department
Lake County Stormwater Management Agency
Larsen Marine, Inc.
LFR Levine • Fricke
Liberty Prairie Conservancy
Midwest Generation
National Gypsum
North Shore Gas
North Shore Sanitary District
Outboard Marine Corporation
Salmon Unlimited*

CAG Members (continued)

*Waukegan Charter Boat Association
Waukegan Main Street
Waukegan Lakefront Development Corporation
Waukegan Park District
Waukegan Port District
Waukegan Yacht Club
Concerned Citizens*

CAG Associates

*Chicago Metropolitan Agency for Planning
Delta Institute
Illinois Citizen Action
Illinois Depart. of Natural Resources
Illinois Environ. Protection Agency
Illinois-Indiana Sea Grant
Illinois Lake Management Association
Illinois Pollution Control Board
International Joint Commission
U.S. Maritime Administration
U.S. Army Corps of Engineers
U.S. Environ. Protection Agency
U. S. Fish and Wildlife
University of Illinois- Marine Extension
Waukegan Public Library
Concerned Citizens*

USEPA WEB SITE

Go the EPA Home site at epa.gov
Select *Illinois* from the map. It will go to an Illinois page.
Then select *Outboard Marine Corp Superfund Site* in the *EPA in Illinois* section.
Addition information may be reached by the top right hand box labeled Site Information.
Select *NPL Fact Sheet*. At the bottom you can click on *Site Profile Info* and it will take you to Superfund.

The Superfund Site Progress Profile contains the following additional information on the Superfund sites:

The site, contamination, cleanup progress summary, cleanup impact summary, land re-use, post-construction, five year review and community involvement.

For Area of Concern Information:

Go the EPA Home site at epa.gov
Select *Illinois* from the map. It will go to an Illinois page.
Select *Great Lakes Area of Concern* in the *EPA in Illinois* section.
Choose *Waukegan Harbor* for AOC information.