

**MINUTES OF A MEETING OF THE ENVIRONMENTAL AND HEALTH COMMISSION OF
THE VILLAGE OF NORTH BARRINGTON, WHICH WAS HELD
FEBRUARY 3, 2015 AT
THE NORTH BARRINGTON VILLAGE HALL LOCATED AT 111 OLD
BARRINGTON ROAD IN SAID VILLAGE**

1. Call to Order, Roll Call

At 7:45 p.m. Chairman Bruce Kramper called the meeting to order and Deputy Village Clerk Elia Torres called the roll:

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| Present in Person: | Bruce Kramper, Chairman Patty Kalinowski, Vice Chairman Linda S. Aylward |
| Absent: | Vance Antoniou, Ron Cobb, Rob Haas |
| Also Present: | Nancy Schumm, Schumm Consulting LLC Martin Pais, Village Trustee Walter Willis, Executive Director, SWALCO Pete Boland, Village Trustee Janet Agnoletti, Executive Director, BACOG Keith Gray, President, Integrated Lakes Management Susan Allman, Village Forester Elia Torres, Deputy Village Clerk |

2. Approval of Minutes from the August 5, 2014 Environmental and Health Commission meeting

The Minutes of the August 5, 2014 Environmental and Health Commission (“E&H”) meeting were not approved due to a lack of quorum.

3. Public Comment

No one wished to speak.

4. Walter Willis, Executive Director, SWALCO

Walter Willis, Executive Director, Solid Waste Agency of Lake County (“SWALCO”) addressed the E&H to discuss waste hauling and recycling. It was noted that the Village’s Waste Management (“WM”) contract expires August 2015.

Mr. Willis provided an overview of the SWALCO agency and a checklist that can be viewed on the SWALCO website at www.swalco.org under 60% Recycling Taskforce. He noted the checklist is a way to keep track of the Village’s success on implementing programs recommended. Mr. Willis stated that the Village of North Barrington currently has unlimited disposal. It was noted that the

Village's disposal is on the high end at 3.1 pounds per person per day and that does not include recycling. He said he would like the goal to be at 1.6 pounds per person per day by 2016. He discussed options for new hauling contracts and noted that he would like to see a limited disposal option available. Lake Zurich and Deer Park have this option available.

Mr. Willis stated that he would like to see carts in the Village's next contract as the Village currently has bins. Residents would have the opportunity to upgrade to a larger cart in order to boost recycling.

Mr. Willis indicated he would like to educate the residents to become better recyclers. The Village currently is at 48% recycling; he would like the goal to be at 60%.

SWALCO is asking all his members to entertain a quote for a three cart system option available year-round that includes refuse, recycling, and organics. Organics cart can co-mingle with yard waste and would provide an opportunity for residents to try food scraping. The goal is to reduce pounds per capita per day by reducing organic waste being disposed. He noted that he would ultimately like the Village to get rid of the unlimited disposal option.

Mr. Willis discussed business recycling and explained that the Village could pass an ordinance to keep track of which businesses are recycling and noted that on average only 25-28% of businesses recycle.

Linda Aylward inquired about the cost for cart options. Mr. Willis stated that SWALCO is awaiting bids.

Patty Kalinowski noted her concern regarding the residents' reactions toward organic waste recycling. Mr. Willis discussed offering kitchen pails and educating residents.

Martin Pais, trustee liaison, addressed the commission and stated that he is in the process of obtaining Request for Proposals ("RFP") for garbage haulers. He indicated that the Village has an ordinance in place in which all residents must participate in the garbage service. There is a share clause in which residents cannot combine and share the bill.

Trustee Pais discussed items to be considered for a new waste hauler contract which includes:

- Method of transport
- Carts for waste (recycling and their size options, unlimited versus pay as you go, backyard pick up) Special services (yard waste, park event services, electronics, clothes, shoes; large items)
- Snowbird suspension option
- Education and workshops

It was noted that all bids should be in by March 13, 2015.

Trustee Pais discussed the E&H having public hearings in April or May in order to obtain resident feedback on their needs and preferences. Chairman Kramper had questions regarding educating the public.

There was discussion about the best way to obtain public input. It was noted that Trustee Pais would provide information containing a variety of services for discussion purposes among the residents and

the E&H which would be provided in the Village newsletter and/or the Village website.

Chairman Kramper suggested that the commission could have one public hearing and possibly a second if attendance to the first public hearing is limited.

5. Janet Agnoletti, Executive Director, Barrington Area Council of Governments (“BACOG”)

Janet Agnoletti, Executive Director, BACOG thanked the E&H for having her and introduced herself. She discussed ground water quality and the results of the last water testing event done by BACOG. She explained the difference between testing private well water and the quality of water that comes out of the aquifers. Ms. Agnoletti noted some of the results require fixing the well while others, will be mapped by BACOG to monitor the water quality.

Ms. Agnoletti noted there are three levels of water testing. The first level tests for bacteria and nitrates that becomes contaminated and transmit diseases, including dysentery, salmonellosis, hepatitis and giardiasis. The solution for bacteria and nitrates is to chlorinate the well. The second level test is for natural water quality (water chemistry) which tests for minerals and heavy metals. Level three tests for total organic carbons such as landfill or industrial waste that contaminate the water. BACOG does not map levels one or three because these are contaminants. BACOG does map level two because it is natural water quality (water chemistry). What they look for in the level two tests are high concentrations of minerals and elements. BACOG tested water samples in November 2013 and from the 37 samples tested from the Village of North Barrington, 5 samples tested positive (13.5%) for bacteria. It was noted that the water test is done to encourage home owners to test their private wells once a year.

Ms. Agnoletti discussed possible locations for water quality testing such as the Village Hall; North Barrington Elementary School; and Biltmore Country Club. She noted these areas would be areas that could be tested again over time.

Linda Aylward had a question regarding water levels. Ms. Agnoletti stressed the importance of education and conservation.

6. Nancy Schumm, Schumm Consulting LLC

Nancy Schumm, Schumm Consulting, LLC, addressed the E&H and introduced the year end summary of the Flint Creek Water Quality Monitoring 2014. She invited Keith Gray, President, Integrated Lakes Management (“ILM”) to summarize the Flint Creek Water Quality Monitoring Program 2014 and answer questions and give highlights.

Mr. Gray stated that he would be summarizing the final year of a five year monitoring project for Flint Creek North and Honey Lake Drain within the Village. The purpose of the study was to chart water quality trends and compare improvement or degradation between sites which will allow for the identification of sources affecting the water bodies within the watershed. Over the five-year monitoring period, slight changes in sampling locations and protocols occurred based on site conditions and sampling results.

Mr. Gray discussed some of the conclusions of the water quality monitoring testing noting:

- Total phosphorus is high - all of the sites continue to have a very high total phosphorus level.
- Fecal coliform – most sites continue to exceed the standard during all sampling periods and significantly increased after rain events.

Mr. Gray discussed some of the recommendations that included:

- Phosphorus reduction within the watershed is needed.
- Fecal coliform levels need to be reduced.

Mr. Gray noted that the Village is proactive in monitoring the water quality and that he's seen improvement in the quality of North Barrington's ecosystem.

Chairman Kramper questioned why the ecosystem improved. Mr. Gray indicated that the habitat is improving due to restoration efforts.

Chairman Kramper inquired about the hot spots of fecal coliform that were identified. Ms. Schumm stated that the Village continues to monitor/test/study the hot spots in the community. It was noted that most of the hot spots are in Biltmore and have to do with high water levels after significant rain events in addition to well and septic systems.

Chairman Kramper asked where the stormwater runoff was coming from. Ms. Schumm was of the opinion that the stormwater runoff was coming from Lake Zurich. She noted that she works with Lake Zurich's engineering team and would inquire about their water testing.

Trustee Pais stated that he'd like to see an overall plan or strategy with regard to water testing. Chairman Kramper noted that restoration efforts were completed with small steps which evolved into overall improvements.

7. Susan Allman, Village Forester

Village Forester Susan Allman addressed the Board to provide a year-end report on the forestry program and its annual budget.

Ms. Allman noted that she recently submitted an application to Tree City USA. This program is a national one that provides the framework for community forestry management. Specific criteria are required to be met to become a Tree City such as celebrating Arbor Day and having a tree board, tree ordinance, and forestry program.

Ms. Allman explained that the Village's total expenditure for the forestry program was \$56,420 in the FY 2014/2015. To qualify for a tree city, the Village needed to spend at least \$2.00/capita; however, the Village actually spent \$18.50/capita in 2014. Ms. Allman explained that the Village removed 283 trees in 2014, of which 81% were Ash. The Village planted a total of 75 trees of which 27 trees went toward the Village's 50/50 tree program with residents and 49 trees were planted in Village rights of way.

Ms. Allman noted that the Village would continue to remove Ash trees during the winter months.

Vice Chairman Kalinowski had questions regarding date of 50/50 program. Ms. Allman said she's thinking spring or fall.

Ms. Allman mentioned possibly having a program started for new residents moving into North Barrington. She said the new residents would get a new tree to plant as a welcome.

Vice Chairman Kalinowski had a question regarding educating residents on taking down buckthorn. Ms. Allman said some residents like them for the privacy. Ms. Allman said her goal is to get more trees in the right of way ("ROW") that will grow under the utility line.

7. Old Business/New Business

Chairman Bruce Kramper discussed Merleanne Rampale, SWALCO programs. Chairman Kramper noted that he'd like to discuss programs at next meeting. Vice Chair Kalinowski mentioned having information available at Arbor Day. Ms. Aylward discussed possibly reintroducing compost bins and rain barrel sales at Arbor Day event.

Chairman Bruce Kramper asked the commission members to bring ideas to the next meeting.

8. Adjournment

Motion: Ms. Linda Aylward moved the Meeting be adjourned; seconded by Vice Chairman Kalinowski.

Discussion: There was no discussion.

Vote on Motion: The voice vote was unanimous in favor.

At 9:30 p.m. Chairman Bruce Kramper declared the meeting adjourned. These

Minutes were approved at the E&H meeting held March 3, 2015.

ATTEST: _____
Elia Torres, Deputy Village Clerk
Village of North Barrington