

**NOTICE OF MEETING OF
CITY OF ANTIGO
INLAND LAKE PROTECTION AND
REHABILITATION DISTRICT**

**Monday, August 28, 2017
5:30 P.M.**

ANTIGO CITY HALL, COUNCIL CHAMBERS, 700 EDISON STREET

AGENDA

*CALL TO ORDER – By Timothy Kassis, Chairperson

*ROLL CALL – of Commissioners

*CHAIRPERSON TO REVIEW VOTING ELIGIBILITY GUIDELINES

*ELECTION OF OFFICERS (Current Officers are: Tim Kassis, Chairperson; Tom Bauknecht, Secretary; Open Position, Treasurer)

*DISCUSSION AND ACTION ITEMS

1. Budget/Capital Improvement Plan and Expenditures

a) Spring Clean Up Expense

On Thursday, April 13, 2017 the City of Antigo sponsored the annual clean-up along Springbrook and the walking trail. We had approximately 42 volunteers. We scheduled the clean-up on a “no school” day, so we had assistance from service organizations and youth groups.

Springbrook Clean-Up is scheduled again for 2018. We would like to continue the tradition of offering brats, hamburgers, chips, and beverages for the participants.

In addition, approval to purchase trash pickers, trash bags, gloves, and other miscellaneous items used for the clean-up is being requested. Advertising for the event and disposal fees are also included in the cost.

The Clean-up will also include the Springbrook Walking Trail and Biking Path.

Fund Balance Applied **\$300**

b) Improvement of Water Quality Flow (Milfoil, Run-off Fertilizer Pollution) Grant Award

Onterra conducted an Early Season Aquatic Invasive Species survey for curly-leaf pondweed (CLP) on June 23, 2017 which consisted of a whole-lake, point-intercept survey. The field crew discovered the CLP to be slightly lower compared to the same levels as identified in the 2016 survey. In fact, there were no areas of particularly dense concentrations of CLP that would be impacting the ecological

function of the lake or its recreational abilities. It is likely that CLP treatment will not be needed for the 2018 season and Onterra is not recommending one at this time.

However, that decision will not be able to be determined until the completion of the 2017 late summer survey/report and an Early Season Aquatic Invasive Species survey by Onterra in June of 2018.

We are projecting the need of \$5,000 in consulting fees with Onterra for continued monitoring and lake planning efforts in 2018.

In December of 2018 we could potentially apply for Phase II of our planning and prevention efforts under the (Wisconsin Department of Natural Resources (WDNR) Aquatic Invasive Species Grant Program if conditions regarding CLP are warranted.

Levy **\$0** Fund Balance Applied **\$12,000** **Lake Treatment**

For 2017, limited funds have been expended to date; any funds expended before the end of the year will be deducted from the fund balance appropriation for 2018.

Levy **\$5,000** **Lake Planning & Monitoring**

c) Hydraulic Study

Updates to the existing hydraulic data base might be required in conjunction with future projects such as detention ponds, building construction, retaining wall replacement, bridge removals or stream rehabilitation. No specific projects are identified at this time for the 2018 calendar year.

Fund Balance Appropriation **\$0** Hydraulic Study Reserve \$8,800

d) Springbrook Boardwalk and Trail

Although not completely funded through Antigo Inland Lake Protection & Rehabilitation District (AILPRD), the continued development of parks and green space along the Springbrook Trail has had many positive impacts for our community with highlights listed below.

In 2017, Peaceful Valley Park and Festival grounds has hosted, or will host, the following events that have generated awareness of our facilities, community and businesses.

- Antigo Garden Club Plant Sale
- Farmers' Market
- Antigo Head Start - Stand for Children Day (in conjunction with Unified School District of Antigo (USDA) Read to Succeed and Optimist Bike Rodeo as well as many other sponsors and guests)
- Outdoor Movies
- Relay for Life
- Badgerland Classic
- CoVantage Loan Rally
- Halloween Bash
- Winter Fun and Family Wellness Day
- Numerous family gatherings, birthday parties, business picnics and various celebrations

The 18-Hole Disc Golf course is a popular recreational pursuit and there are very few times that the course is not in use. Development will continue with the addition of raised boardwalks connecting various holes as well as providing additional trail connections and expansion of the Springbrook Trail and City Wide Bike Route.

The trail is also used for a number of local walks and runs:

- Healthy Ways Spring and Fall Walk
- American Federation for Suicide Prevention Out of Darkness Walk
- Boys & Girls Club Color Run (third annual)

Funding from Antigo Rotary Club and Inland Lakes allowed for construction of two bridges that span Springbrook; the bridges are key connections which will allow for continued trail expansion and year-round use of the trail system, which is also connected to the City Wide Bike Route.

The local Wisconsin Department of Natural Resources (WDNR) office worked with the City of Antigo to enhance the Springbrook Creek streambed at the first Rotary Bridge location. We are grateful for their efforts and look forward to the positive impacts of their work.

In 2008 we agreed to fund a 10 year loan for \$200,000 as part of the matching funds for the grant at \$20,000 per year plus interest. This would be year ten of the loan repayment.

Levy for Boardwalk **\$27,190**

e) Restoration of Native Species

We plan to continue the Springbrook Banks and Woodland Park restoration program as administered by the Parks Department to eradicate non-native plants and to restore wild native plant species. The program will focus on the removal of buckthorn, garlic mustard, other non-native species, and cattails. Removal of invasive plants and replacement with native species will promote wildlife while helping to enhance the waters of Antigo Lake and Springbrook.

During the winter months of 2016/17 efforts to minimize fire susceptibility along the elevated boardwalk north of Second Avenue were not warranted and were suspended for the season and will be reevaluated coming into the winter of 2017/18.

The removal/maintenance of cattails at the viewing stations (located in Basin #'s 1 thru 3) as identified in the Antigo Lake Comprehensive Management Plan was last addressed in July of 2016. Removal efforts were suspended for 2017; the growth of the cattails in these viewing areas will be evaluated in 2018 and a cutting permit will be submitted as warranted.

Based on the level of success within these previous cattail harvesting areas, we may explore the opening of additional viewing/access areas via a 2018 Harvesting Permit with the Wisconsin Department of Natural Resources (WDNR).

The balance of the 2017 funding remains available to be allocated for the removal of buckthorn, garlic mustard and other non-native species along the corridor.

The overall success of our cattail harvesting and invasive species removal will be evaluated for consideration of native species plantings in areas responding well to the eradication efforts.

The funding requested in this category will be for any combination of cattail harvesting, invasive species removal and native species plantings.

Fund Balance Applied **\$24,000**

For 2017, limited funds have been expended to date; any funds expended before the end of the year will be deducted from the fund balance appropriation for 2018.

f) Basin Dredging Program

The Wisconsin Department of Natural Resources (WDNR) previously indicated that dredging is something they would approve in the future especially if it is part of the management plan. It was noted during the 2009 meeting that the original dredging project was \$750,000. We continue to recommend to levy and set aside \$15,000 bringing the reserve balance for dredging to \$85,000 at the end of 2018.

A consultant based Sedimentation Control Study that identifies specific locations of opportunity to minimize sedimentation within the lake basins is currently underway in the 2017 calendar year. It is being completed by MSA Professional Services (MSA). This Urban Sediment Loading Analysis provides a water quality assessment of areas within the City draining into Antigo Lake. It estimates the total suspended solids entering the lake by way of computer modeling. Conceptual designs identifying locations for Best Management Practices (BMP's) along storm sewer systems out-letting to the basins are being developed along with estimates for construction of sediment control structures. The study also helps to identify grant funding sources for implementation of the proposed BMP's.

City staff rented a combination sonar/GIS piece of equipment in order to conduct a more accurate survey of the bottom elevations of the three basins and completed their efforts during the spring of 2017 while the aquatic plants were diminished and less likely to impact the results. The completed bottom survey will supplement a Lake Bathymetric Survey scheduled to coincide with the Sedimentation Control Study. City staff provided a contour map of the basins based on the sonar data. MSA was hired to compare the new data against the 1990 dredging data to more accurately determine an annual sedimentation accumulation rate for the basins. The data will then be placed into a computer modeling program to verify the validity of any BMP's being proposed.

It is our hope that the work being conducted by MSA will be completed by the date of this year's Inland Lake District meeting so that a full report can be presented accordingly. If not, a progress report will be presented.

Regardless of the study's final results, it is certain that there will be a number of options for the AILPRD to consider and prioritize for implementation. In order to accommodate grant applications in 2018 it is estimated that \$5,000 be established to assist the City in the grant application process. The City would be eligible for up

to \$150,000 through a WDNR Urban Non-point Source & Storm Water Management grant requiring a 50% match (\$300,000 total project) and would anticipate construction in 2019 if approved for the grant. A decision to utilize the Dredging Reserve Balance (projected to be \$100,000 in 2019) would need to be considered at the AILPRD 2017 meeting for a grant application of \$200,000 total (50% WDNR/50% AILPRD). It is possible that this application be extended to create a \$300,000 project but it would take the commitment of \$50,000 in matching funds from the City's storm sewer enterprise fund making us eligible for \$50,000 from the WDNR grant.

The Onterra provided Lake Management plan currently addresses soft sedimentation being produced in the basins through the growth and decay of invasive species such as Curly Leaf Pondweed (CLP) and minimizes the impacts through lake-herbicide treatments as warranted. The hard sedimentation studies will identify several BMP's to supplement these efforts in hopes of minimizing the frequency of actual dredging that may be needed.

Chapter 33 "Public Inland Waters" Subchapter III Section 33.16 of Wisconsin State Statutes identifies potential financial assistance from the Wisconsin Department of Natural Resources (WDNR) via competitive applications for feasibility studies. We will explore such opportunities in an effort to minimize the overall funds eventually required from the AILPRD.

Proposed to Levy **\$20,000**
Dredging Reserve Balance \$80,000 as of 12-31-18

g) Restoration of Springbrook Flowage from Faust Dam to Seventh Avenue

A Springbrook streambed rehabilitation study was approved in the amount of \$10,000 and awarded to MSA in order to identify recommended stream improvements and to identify funding sources for the restoration of Springbrook from the Fourth Avenue dam to Seventh Avenue.

A presentation of the final report or an update regarding progress made during the time leading up to this year's meeting will be presented by MSA.

Because this project will require more time to evaluate, may encompass work outside of the goals of the AILPRD, and is anticipated to require a larger capital investment than the control of lake sedimentation it is not recommended to make any grant application for the proposals identified by this study during the 2018 calendar year.

The City Street crews completed a new section of a wooden retaining wall over Springbrook Creek along the south side of Fifth Avenue in order "shield" the view of the exposed steel beams over the channel. The Mission Antigo group followed up these efforts by painting a stone-wall mural mimicking the existing retaining walls. The Mission Antigo Group also placed landscape fabric and wood mulch along the adjacent slope with material donations coming from Volm Companies and Tree Solutions.

Levy **\$0** Restoration Reserve Balance \$0 as of 12-31-18

h) Trail Maintenance / Improvements and Future Expansion

SPRINGBROOK TRAIL & OUR COMMUNITY:

The Springbrook Trail is an incredible asset for our community. Recreational pursuits can be enjoyed on paved or rough trail; creating inclusive and accessible recreational opportunities for our entire community and visitors to the area. Economic opportunities for our local businesses exist through tourism dollars. Additionally, it is a sought after amenity for those considering relocation for a business or family. This project was constructed through the use of Grant, Lake District and Tax Increment Finance (TIF) dollars; maintenance and expansion efforts of the Springbrook Trail will continue to benefit our community.

MAINTENANCE:

The current trail system is relatively new, but still requires annual maintenance (woodchips, crack sealing, boardwalk board replacement, blacktop replacement, sealing and etc.); the use of inland lake funds in combination with general operating funds allows our community to maintain a recreational trail, which enhances the opportunities for public enjoyment along our three Lake Basins and watershed area. Areas that show signs of needed repair are noted and addressed during the construction season.

2017 Maintenance:

While the following have not yet been addressed in 2017 it remains a priority to address them with any funds expended before the end of the year to be deducted from the fund balance appropriation for 2017.

- We plan on sealing the trail, or portions of the trail to extend the life of the blacktop.
- We plan on making necessary repairs during the construction season that may have occurred over the winter months such as cracking and heaving.
- We plan on continuing the trenching along the trail to prevent root damage.

EXPANSION:

We would like to maintain the current trail system at the highest level possible while also expanding. Expansion provides the opportunity for, as stated in Wisconsin State Statutes Section 33.22:

(4m) "A district may undertake projects to enhance the recreational uses of a lake within its jurisdiction, including recreational boating facilities as defined under s.

30.92 (1) (c).

(4r) "If authorized by an annual meeting of a district, the district may appropriate money for the conservation of natural resources or for payment to a bona fide nonprofit organization for the conservation of natural resources within the district or beneficial to the district."

The proposed dollars levied through Inland Lakes will be used to maintain and expand the areas along Antigo Lake and the Springbrook Waterway, which allows the public to recreate and enjoy the natural resources along the lake basins and waterway.

2017 Expansion: Boardwalk expansion off the second bridge will continue with any available funds after sealing and repairs. Expansion funds would not be used beyond the Langlade County Fairground property boundary.

We are requesting \$10,000.00 to be used to maintain the current trail system and expand in approved areas. We anticipate continued requests annually.

Proposed to Levy **\$5,000** Fund Balance Applied **\$5,000**

i) Any Other Budgetary Items Arising from Discussion (No action may be taken on these items.)

2. Adopt Budget and Tax Levy

* ANY OTHER BUSINESS AUTHORIZED BY LAW TO BE CONSIDERED

* ADJOURNMENT

Members of and possibly a quorum of members of other governmental bodies may be in attendance at the above-stated meeting. No action will be taken by any governmental body other than that body referred to above.

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information or to request this service, contact Jaime Horswill, 700 Edison Street, Antigo, Wisconsin, 54409-1955. Telephone 623-3633 ext. 100.

Date: August 10, 2017

Timothy Kassis, Chairperson

Note: The Lake District boundaries are the City of Antigo limits. To vote at a meeting of the Lake District, a voter must be a U.S. citizen over 18 years of age who is either:

- 1) An elector (a qualified voter who resides in the district)
- 2) An owner of property within the district:
 - * A person whose name appears as an owner of real property on the tax roll
 - * A person who owns title to real property even though the person's name does not appear on the tax roll (i.e. a spouse)
 - * A person who is the official representative, officer or employee authorized to vote on behalf of a trust, foundation, corporation, association or other organization owning real property in the district (one per organization)

**CITY OF ANTIGO INLAND LAKE PROTECTION AND REHABILITATION DISTRICT
2018 BUDGET SUMMARY**

	2016 Actual	2017 Jan 1 - July 31 Actual	2017 Jan-Dec Estimated	2018 Proposed
Revenues				
Tax Levy	\$38,490.00	\$46,540.00	\$46,540.00	\$42,190.00
Tax Levy for Dredging	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
Exempt Computer Aid	\$241.00	\$315.00	\$315.00	\$300.00
Interest Income	\$312.13	\$260.05	\$447.00	\$450.00
Grant/Donations Income	\$7,904.11	\$0.00	\$0.00	\$0.00
Del. Pers Prop Tax Collected	\$0.00	\$0.02	\$0.02	\$0.00
Total Revenues:	\$61,947.24	\$62,115.07	\$62,302.02	\$57,940.00
Expenditures/Appropriations				
Spring Clean Up Expense	\$83.20	\$135.69	\$135.69	\$300.00
Advertising	\$1,598.86	\$120.40	\$1,600.00	\$1,600.00
Lake Treatment (Water Quality)	\$30.00	\$0.00	\$4,000.00	\$12,000.00
Lake Planning	\$455.00	\$3,970.00	\$4,500.00	5,000.00
Hydraulic Study	\$0.00	\$0.00	\$0.00	\$0.00
Springbrook Boardwalk**	\$28,490.00	\$0.00	\$27,840.00	\$27,190.00
Subscription & Dues	\$0.00	\$0.00	\$0.00	\$50.00
Misc. Office Copies/Postage	\$21.36	\$14.26	\$24.00	\$75.00
Uncollectible Pers Prop Taxes	\$18.36	\$2.98	\$2.98	\$10.00
Restoration of Native Species	\$747.86	\$0.00	\$24,000.00	\$24,000.00
Dredging Analysis/Survey	\$0.00	\$6,000.00	\$45,000.00	\$0.00
Restore Springbrook Flowage Reserve	\$0.00	\$0.00	\$0.00	\$0.00
Trail Maintenance/Improvement/Expansion	\$6,462.62	\$60.48	\$10,000.00	\$10,000.00
Total Expenditures:	\$37,907.26	\$10,303.81	\$117,102.67	\$80,225.00
Carryover/Cash Balance Beginning Year*	\$166,199.92		\$190,239.90	\$135,439.25
Rev. Over/(Under) Expenditures	\$24,039.98		(\$54,800.65)	(\$22,285.00)
Less Reserve Funds	(\$83,800.00)		(\$93,800.00)	(\$93,800.00)
(Funds if not expended in 2017 will be in 2018 - deducted so not accounted for In 2017 and 2018)				\$36,000.00
Carryover/Cash Balance*	\$106,439.90		\$41,639.25	\$55,354.25

PROPOSED LEVY/MILL RATE

Project	Cost	Levy	Mill Rate***
Spring Clean Up	\$300.00	\$0.00	0.000000
Advertising	\$1,600.00	\$0.00	0.000000
Lake Treatment (Water Quality)	\$12,000.00	\$0.00	0.000000
Lake Planning	\$5,000.00	\$5,000.00	0.0138164
Hydraulic Study	\$0.00	\$0.00	0.000000
Springbrook Boardwalk**	\$200,000 Principal	\$27,190.00	0.0751339
Subscription & Dues	\$50.00	\$0.00	0.000000
Misc. Office Copies/Postage	\$75.00	\$0.00	0.000000
Uncollectible Pers Prop Taxes	\$10.00	\$0.00	0.000000
Restoration of Native Species	\$24,000.00	\$0.00	0.000000
Dredging Analysis/Study/Grant App	\$5,000.00	\$5,000.00	0.0138164
Restore Springbrook Flowage	\$0.00	\$0.00	0.000000
Trail Maintenance/Impr/Expansion	\$10,000.00	\$5,000.00	0.0138164
Subtotal	\$85,225.00	\$42,190.00	0.1165831
Dredging Reserve		\$15,000.00	0.0414493
TOTAL	\$85,225.00	\$57,190.00	0.1580324

*Carryover/Cash Balance does not include designated funds:

Basin Dredging Program	\$80,000.00
Hydraulic Study	\$ 8,800.00
Restore Springbrook Flowage Reserve	\$ 0.00

**Levy is annual payment to Debt Service Fund until 2018

***Mill Rate is estimate based on 2016 Assessed Value

361,887,500