



CROOKED LAKE

a r e a a s s o c i a t i o n

2015 Winter Membership Meeting Notes



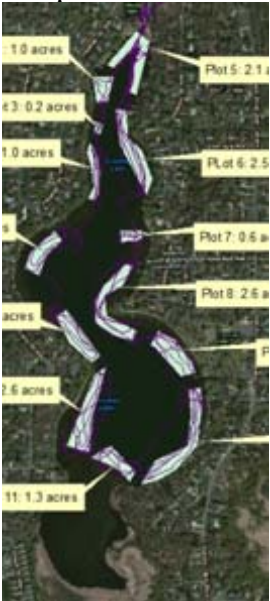

Meeting Called by: Gary Nereson, President
 Attendance: Approximately 29
 CLAA board members: residents
 Dan Anderson
 Ann McCann
 Gary Spiering
 Josephine Larson
 Guests: TJ Helgeson, CCWD
 Mike Nelson, Lake
 Restoration
 James Johnson,
 Freshwater Scientific
 Services
 Robert Olson, Clarke
 Aquatic Services

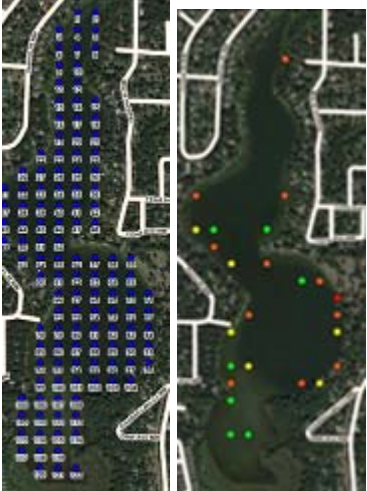
Date: Thursday, February 26, 2015
 Location: Crooked Lake Elementary
 School
 Meeting Called to Order at: 7:00pm
 Meeting Adjourned at: 8:48pm

Notes by: Josephine Larson

Topic	Discussion	Decisions
Call to Order	Gary Nereson, CLAA President, hosted meeting.	Informational.
Attendee Introductions	Gary Nereson introduced guest speakers and the members of the Crooked Lake Association board. Gary Nereson welcomed all guests and invited them to introduce themselves. Lake residents introduced themselves stating how long on lake.	Informational.
Open Microphone	No inputs.	Informational.
Approval of minutes of Summer General Mtg of July 20, 2014	Josephine Larson briefly read minutes from the July 20, 2014 SGM meeting. Color copies are available on website as well as on greeting table.	Minutes were approved.
Treasurer's report	Treasurer's Report prepared by PM and read by Jim Hughes. JH discussed delta since SGM report explaining checks issued and deposits made.	Treasurer's Report was approved.

Topic	Discussion	Decisions
<p>Lake Management Plan updated</p>	<p>TJ Helgeson from the Coon Creek Watershed District reviewed general plan.</p> <p>Plan is on the internet: http://moourl.com/CrookedLakePLan</p> <p>CLMP History</p> <ol style="list-style-type: none"> 1) 2008 – Original CLMP developed 2) 2013 – Public input workshop 3) 2014 –CLMP Updated (2014-2019) Crooked Lake Report Card – improving 2013 Issues, <ol style="list-style-type: none"> 1. AIS/Milfoil 2. Lake Water Level 3. Nonpoint Source Pollution 4. Lake Vegetation 5. Trash & Garbage <p>Goals,</p> <ol style="list-style-type: none"> 1. Minimize the ecological, economic, and human health impacts. 2. Gain better understanding of lake hydrology. 3. To ensure that water is protected from contamination. 4. Protect the native aquatic plant community and encourage plant diversity <p>and Proposed Actions</p> <ol style="list-style-type: none"> 1. Annual Chemical Treatment, Prevention (Boat Inspections), Annual Plant Surveys, AIS Early detection surveys, CCWD Aquatic Invasive Species Plan 2. Lake Level Monitoring, Annual Dam Inspection , Anoka County Hydrogeologic Atlas (DNR), Conduct Groundwater /Surface Water Study 3. Inspection of Stormwater Infrastructure, Educational Outreach (i.e., lawn practices), Lake Water Quality Monitoring 4. Annual Plant Surveys <p>Contributing Organizations:</p> <ol style="list-style-type: none"> 1. City of Andover 2. City of Coon Rapids 3. CCWD 4. CLAA <p>Conclusions</p> <ul style="list-style-type: none"> • AIS remain a serious threat • Lake levels declining long term, rebounding short term. • Plant community needs continued monitoring. • Water quality is above average for this region. 	<p>Contacts:</p> <p>www.cooncreekwd.org</p> <p>Coon Creek Watershed District 12301 Central Avenue NE Suite 100 Blaine, MN 55434</p> <p>Phone: 763.755.0975 Fax: 763.755.0273</p> <p>or email: info@cooncreekwd.org</p>

Topic	Discussion	Decisions
<p>Delineation report</p>	<p>J. Johnson – (Freshwater Scientific Services, LLC)</p> <p>Types of plant surveys</p> <ol style="list-style-type: none"> 1. Plant Census 2. Bed Delineation 3. Point-Intercept 4. Sonar Survey  <p>Left - areas of EWM prominence Right - 2014 treatment areas</p>	<p>Contacts: James A. Johnson, M.S. Aquatic Ecologist Freshwater Scientific Services, LLC</p>  <p>or Email: james@freshwatersci.com see www.fixmylake.com (651) 336-8696</p>
<p>2014 Treatment recap</p> 	<p>Mike Nelson for Chad Hadler (Lake Restoration) Lake Restoration has 38 years experience. Minnesota based company</p> <p>Application technique:</p> <ul style="list-style-type: none"> • Microprocessor for uniform application of the product. After the appropriate application rate is entered into the microprocessor, the valves adjust the flow of aquatic herbicide being applied based upon the speed of the application boat. • Adjustable height submerged trailing hoses for aquatic herbicide application placement within the biomass of the target plant species. • GPS navigation for accurate placement of the aquatic herbicide within the approved treatment location. 	<p>Informational.</p>  <p>LAKE RESTORATION www.lakerestoration.com</p> <p>Lake Restoration, Inc. 12425 Ironwood Circle Rogers, Minnesota 55374</p>

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	<p>Eurasian Watermilfoil Treatments:</p> <ul style="list-style-type: none"> • Treatment occurs after the water temperatures are 60 degrees F and rising. • While EWM is actively growing. • Typically treatment occurs during late June to early July. • Your treatment was conducted using DMA-4, a liquid 2,4-D product. 	<p>Phone: (763) 428-9777 Toll free: (877) 428-8898 Fax: (763) 428-1543 E-mail: LRmail@LakeRestoration.com</p>
<p>Point Intercept Survey</p>	<p>Robert Olson - (Clarke Aquatic Services) A Point-Intercept survey of Crooked Lake was conducted on Sep 16, by Clarke Aquatic Services. A Geographic Information System (GIS) was used to generate sample points in a 200 foot by 200 foot grid. Vegetation samples were consistently taken from the same side of the boat using a 2-sided aquatic vegetation sampling rake. The areas sampled were ~3 foot square in size. Depth measurements were taken at each site to determine the lake's littoral zone. At each site, all taxa of plants sampled was determined and recorded on a scale of 1 to 4 where 1 means the plant is present and 4 means the plant is high density. A total of seven native and one non-native plant species were identified. Plants were found to a depth of twelve feet, but most were restricted to depths at eight feet and shallower.</p>	 <p>Survey and Vegetation Density</p>
<p>No Wake Zone Ordinance</p>	<p>A. McCann – (CLAA) To protect lakeshore owners property and maintain water quality during times of unusually high water, the cities of Coon Rapids and Andover have started the process to implement a <i>No Wake Zone Ordinance</i>.</p> <p>Under the proposed ordinance a No Wake Zone will be implemented if the water level exceeds 861.6ft above sea level and removed when the lake level falls below 861.5ft for three consecutive days. Note: This height reached 7 times in lake history (including last year). Notification of No Wake will be through following channels:</p> <ul style="list-style-type: none"> ◦ Sign at boat landing ◦ Crooked Lake Assoc. email ◦ Coon Rapids, Andover and Coon Creek Watershed District webpages. 	<p>Process for No Wake Ordinance</p> <ol style="list-style-type: none"> 1. City Councils review and approve identical ordinance 2. 30 Day public comment period 3. Complete <i>Water Surface Use</i> packet 4. DNR review period (120 days) 5. Ongoing monitoring <p>There was discussion on the need for a visual notification (e.g. buoy or flag) on the lake for homeowners to see as they do not utilize the boat landing on a routine basis.</p>

Voting on re-affirming support of CLAA portion of LMP	Motion that the CLAA accept and endorse its roles and goals as stated in the Crooked Lake Comprehensive Lake Management Plan developed by the Coon Creek Watershed District and said plan to be reviewed annually by CLAA.	Motion was approved.
Elections	Multiple CLAA board positions were up for reelection. The following board members were elected for a two-year term: Treasurer – P. Martin (re-elected) Secretary – J. Larson (re-elected) CR Watchdog – S. Sibinski (re-elected) SE Quadrant Leader – Jessie Waks NW Quadrant Leader – Ken Ruf NE Quadrant Leader – Jaime Renner	Approved (and applauded) by audience
Old Business	Ken R. asked if City of Andover is talking about installing water lines Lisa D. asked what can be done about people driving in wrong direction. This is posted in newsletter annually. Suggest obtaining sign for lake access.	
Door Prizes	The door prize winners were Lisa D. T-shirt and Dan A. sweatshirt.	Informational
Save the date	2015 SGM will be Sunday, July 19, from 3-6 pm.	Informational
Adjournment	Adjourned at 8:48 pm.	Adjournment was approved.

List of Officers and Phone Numbers:

Gary Nereson	763-422-0682	President Cell 612-961-0358
Gary Spiering	763-593-0839	Vice-President
Paul Martin	763-427-5305	Treasurer
Darren Prom	612.234.7766	Quadrant Leader – SW
Jaime Renner	763-257-7359	Quadrant Leader - NE
Jessie Waks	612-598-2635	Quadrant Leader - SE
Ken Ruf	763-576-0969	Quadrant Leader - NW
Steven Sibinski	763-862-3950	Coon Rapids Watchdog
Dan Anderson	763-427-0964	Andover Watchdog
Josephine Larson	763-323-9255	Administrative Assistant

Respectfully submitted: Josephine Larson