

Jordan Lake Rehabilitation and Protection District

Quarterly Meeting Notice

April 3, 2021 12:00 noon

ZOOM online meeting / See the www.jlrpd.net website for details.

- Call to order
- Approve minutes of November 28, 2021 Quarterly Meeting
- Lake Management report
- Treasurer Report
- Web Site Report
- Adjourn

Jordan Lake Rehabilitation and Protection Quarterly Meeting November 28, 2020

Attendee's:

Karl Frickleton

Dennis Flanagan

Jeff Thomm

Kyle Cassel

Mike Backus

Bob Biancalana

Zoom format meeting called to order at 12:00.

Approve minutes of the August 22th, 2020 Quarterly Meeting. Mike Backus made motion to approve. Jeff Thomm seconded. Motion carried.

Meeting Dates for 2021 were selected.

April 3rd

June 26th

August 21st

October 9th

Lake Management Report

Presentation given by Brad Boechtcher from General Engineering as to options available to reduce the lake level. The overview was to put a pipe in the lake at a depth to provide colder water under Fur Drive to where it will be directed to the stream further inland. Details and a diagram will be available on the JRLPD website. It was stressed that we are very preliminary in this process and there are many steps to be taken and approvals to be granted before any of this could begin. Updates will be posted to the JRLPD website as they become available.

Mike Backus presented the changes proposed for the 5 Year Lake Management Plan. Dennis Flanagan made motion to approve. Jeff Thom seconded. Plan can be viewed on the JRLPD website.

Treasurer report given by Dennis Flanagan.

Motion to adjourn by Mike Backus. Second by Kyle Cassel.

Respectfully submitted,

Kyle Cassel / Secretary Jordan Lake Rehabilitation and Protection District.

LAKE FACTS AS OF 4/3/2021 by Mike Backus

Lake Ice

Jordan had full ice cover on 12/29/2020 which was 17 days later than in 2019. ICE-Off for the 20-21 season was 3/24/2021 for 85 days of full ice cover. That compares to 108 days of full cover in the 19-20 season.

All of our ice data for the past years was sent to Dr Ken at the University of Rhode Island. Dr Ken got his masters at Madison and visited our lake and others in the area back some years ago. For 55 years he has studied the changes of ICE-ON and ICE-OFF on lakes in the Northern Hemisphere in regard to global warming. A number of years ago he somehow got my name and I have offered our data for his studies. His work is showing that ICE-ON is getting later in the year and ICE-OFF is earlier in the following year giving fewer full ice days.

Dead Trees on Shoreline

In fall I contacted the DNR, Adams Co and Town of Jackson looking for guidance on when we did or did not have to pull a permit to remove a dead tree on our shoreline. No simple answer was offered! My advice is to be cautious and inquire before you take action. Rules differ depending on the exact location of the tree in question.

Chemical Water Testing

Three or four times a summer I conduct a chemical test for both Phosphorus and Chlorophyll in our lake water. The samples are then sent to Madison for analysis and the results recorded in the State data base. The average Jordan results from 2020 for both chemicals increased slightly over the results from 2019. It is my feeling that the Phosphorus level increased because of the continued high water level on new shoreline and because of the rain run off into the lake last season.

Water Clarity

The average clarity of our lake water for the 8 tests used by the DNR during their testing period was slightly lower than in 2019. Again, I tie that back to the amount of rain we got and the associated run off into the lake from our yards. Nitrogen is our enemy for it promotes Chlorophyll and vegetation growth which reduces clarity.

Boat Landing

As promised Adams Co has already made some much-needed maintenance to their pier at the boat landing. Not sure if it is finished but as of this date the pier has not been placed back in the lake for the start of the season.

ICE ON/ICE OFF RECORDS

by Mike Backus/Others

Ice On = No ice on lake

Ice Off = No ice on lake

| SEASON | ICE ON | ICE OFF | FULL ICE DAYS |
|---------|------------|-----------|---------------|
| 1971-72 | ? | 4/24/1972 | ? |
| 1972-73 | 12/7/1972 | 3/25/1973 | 108 |
| 1973-74 | ? | ? | ? |
| 1974-75 | 12/20/1974 | 4/23/1975 | 124 |
| 1975-76 | 12/19/1975 | 4/3/1976 | 106 |
| 1976-77 | 11/28/1976 | 3/29/1977 | 121 |
| 1977-78 | 12/12/1977 | 4/10/1978 | 119 |
| 1978-79 | 12/6/1978 | 4/20/1979 | 135 |
| 1979-80 | 12/17/1979 | 4/10/1980 | 115 |
| 1980-81 | 12/15/1980 | 3/23/1981 | 98 |
| 1981-82 | 12/11/1981 | 4/16/1982 | 126 |
| 1987-88 | ? | 4/7/1988 | ? |
| 1988-89 | ? | 4/8/1989 | ? |
| 1989-90 | 12/7/1989 | 3/25/1990 | 108 |
| 1990-91 | 12/16/1990 | 3/31/1991 | 105 |
| 1991-92 | 12/14/1991 | 3/30/1992 | 107 |
| 1992-93 | 12/16/1992 | 4/20/1993 | 125 |
| 1993-94 | 12/21/1993 | 4/4/1994 | 104 |
| 1994-95 | 12/12/1994 | 3/21/1995 | 99 |
| 1995-96 | 12/18/1995 | 4/18/1996 | 122 |
| 1996-97 | 12/1/1996 | 4/5/1997 | 125 |
| 1997-98 | 1/14/1998 | 3/27/1998 | 72 |
| 1998-99 | 12/31/1998 | 4/4/1999 | 94 |
| 1999-00 | 12/22/1999 | 3/8/2000 | 77 |
| 2000-01 | 12/10/2000 | 4/10/2001 | 121 |
| 2001-02 | 12/30/2001 | 3/29/2002 | 89 |
| 2002-03 | 12/20/2002 | 4/4/2003 | 105 |
| 2003-04 | 12/12/2003 | 3/28/2004 | 107 |
| 2004-05 | 12/23/2004 | 4/5/2005 | 103 |
| 2005-06 | 12/6/2005 | 3/30/2006 | 114 |
| 2006-07 | 1/19/2007 | 3/27/2007 | 67 |
| 2007-08 | 12/8/2007 | 4/13/2008 | 127 |
| 2008-09 | 12/7/2008 | 4/5/2009 | 119 |
| 2009-10 | 12/12/2009 | 3/27/2010 | 105 |

| | | | |
|---------|------------|-----------|-----|
| 2010-11 | 12/10/2010 | 4/12/2011 | 123 |
| 2011-12 | 1/3/2012 | 3/15/2012 | 72 |
| 2012-13 | 12/22/2012 | 4/20/2013 | 119 |
| 2013-14 | 12/10/2013 | 4/11/2014 | 122 |
| 2014-15 | 11/26/2014 | 3/31/2015 | 125 |
| 2015-16 | 1/9/2016 | 3/16/2016 | 67 |
| 2016-17 | 12/18/2016 | 3/24/2017 | 96 |
| 2017-18 | 12/14/2017 | 4/6/2018 | 113 |
| 2018-19 | 12/8/2018 | 4/9/2019 | 122 |
| 2019-20 | 12/12/2019 | 3/29/2020 | 108 |
| 2020-21 | 12/29/2020 | 3/24/2021 | 85 |

| | |
|----------------|-----|
| Shortest | 67 |
| Longest | 135 |
| Mean (Average) | 107 |
| Median | 108 |

**Jordan Lake Rehabilitation and Protection District
Statement of Changes in Net Assets
For the Period Ending March 31st, 2021**

Balance as of Jan 1st 2021 **\$36,343.80**

Receipts:

Taxes Collected:

Tax Revenue Collected **\$31,619.39**

Total Cash Receipts **\$31,619.39**

Total Cash Available **\$67,963.19**

Disbursements:

Weed Control:

Post Season Mapping **\$995.00**

Lake Treatment Costs

Clean Boats Clean Waters **\$0.00**

WDNR - Permitting Fee

\$995.00

Other Disbursements:

Web Fees, Dues & Education **\$174.04**

Meeting Costs **\$44.97**

Insurance

Miscellaneous

\$219.01

\$1,214.01

Cash Balance March 31st, 2021 **\$66,749.18**

3/31/2021

**Jordan Lake Rehabilitation and Protection District
2021 Budget**

| | <u>2021</u> | | | | |
|-------------------------------|------------------------------|----------------------------------------|--------------------|--------------------|---------------|
| | <u>2020</u> <u>Actual</u> | <u>Actual</u> <u>Jan 1--Mar. 31</u> | | | |
| Revenues | | | | | |
| Tax Levy | \$792.04 | \$31,619.39 | \$34,000.00 | \$34,000.00 | \$0.00 |
| Temporary Tax Credit | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Grant - ACEI-088-11 | \$27,189.78 | | \$0.00 | \$0.00 | \$0.00 |
| Carryover Cash Balance | \$26,755.69 | \$36,343.80 | \$36,343.80 | \$35,000.00 | \$0.00 |
| Total Revenues | \$54,737.51 | \$67,963.19 | \$70,343.80 | \$69,000.00 | \$0.00 |
| Administrative | | | | | |
| Mailing & Meeting Costs | \$1,299.72 | \$44.97 | \$1,700.00 | \$2,900.00 | \$0.00 |
| Insurance | \$3,757.00 | \$0.00 | \$3,700.00 | \$3,800.00 | \$0.00 |
| Web Fees, Dues & Education | \$876.54 | \$174.04 | \$800.00 | \$1,500.00 | \$0.00 |
| Miscellaneous | \$8.25 | \$0.00 | \$100.00 | \$100.00 | \$0.00 |
| Total Administrative | \$5,941.51 | \$219.01 | \$6,300.00 | \$8,300.00 | \$0.00 |
| Aquatic Plants | | | | | |
| Weed Control | \$12,452.50 | \$995.00 | \$25,000.00 | \$25,800.00 | \$0.00 |
| Total Aquatic Plants | \$12,452.50 | \$995.00 | \$25,000.00 | \$25,800.00 | \$0.00 |
| Lake Management Plan | | | | | |
| Stocking the Lake | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| LMP Implementation & Supplies | \$0.00 | \$0.00 | \$900.00 | \$900.00 | \$0.00 |
| Total Lake Management | \$0.00 | \$0.00 | \$0.00 | \$900.00 | \$0.00 |
| Lake Grants | | | | | |
| Weed Control | | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total Lake Grant Costs | \$0.00 | \$0.00 | | | \$0.00 |
| Operating Funds Total | \$18,394.01 | \$1,214.01 | \$32,200.00 | \$35,000.00 | \$0.00 |
| Balance | \$36,343.50 | \$66,749.18 | \$38,143.80 | \$34,000.00 | \$0.00 |

Jordan Lake Rehabilitation and Protection District
Statement of Changes in Net Assets
For the Period Ending December 31st, 2020

Balance as of Jan 1st 2020 **\$26,755.69**

Receipts:

Taxes Collected:

Tax Revenue Collected **\$792.04**

Grant ACEI-088-11 **\$27,189.78**

Total Cash Receipts **\$27,981.82**

Total Cash Available **\$54,737.51**

Disbursements:

Weed Control:

Post Season Mapping

Lake Treatment Costs **\$12,226.50**

Clean Boats Clean Waters **\$0.00**

WDNR - Permitting Fee **\$226.00**

\$12,452.50

Other Disbursements:

Web Fees, Dues & Education **\$876.54**

Meeting Costs **\$1,299.72**

Insurance **\$3,757.00**

Miscellaneous **\$8.25**

\$5,941.51

\$18,394.01

Cash Balance December 31st, 2020 **\$36,343.50**

12/31/2020

Jordan Lake Rehabilitation and Protection District

2020 Budget

| | 2020 | | | 2020 Budget | 2021 Budget |
|-------------------------------|--------------------|--------------------------|---------------------|--------------------|--------------------|
| | 2019 Actual | Actual Jan 1--Dec. 31 | Forecast Jan-Dec | | |
| Revenues | | | | | |
| Tax Levy | \$33,747.55 | \$792.04 | \$34,000.00 | \$34,000.00 | \$34,000.00 |
| Temporary Tax Credit | \$0.00 | \$0.00 | \$34,000.00 | \$34,000.00 | \$0.00 |
| Grant - ACEI-088-11 | \$0.00 | \$27,189.78 | \$27,189.78 | \$4,200.00 | \$0.00 |
| Carryover Cash Balance | \$19,389.83 | \$26,755.69 | \$26,755.69 | \$35,000.00 | \$35,000.00 |
| Total Revenues | \$53,137.38 | \$54,737.51 | \$53,945.47 | \$39,200.00 | \$69,000.00 |
| Administrative | | | | | |
| Mailing & Meeting Costs | \$2,063.32 | \$1,299.72 | \$1,700.00 | \$3,000.00 | \$29,000.00 |
| Insurance | \$3,699.00 | \$3,757.00 | \$3,700.00 | \$3,700.00 | \$3,800.00 |
| Web Fees, Dues & Education | \$843.54 | \$876.54 | \$800.00 | \$1,500.00 | \$1,500.00 |
| Miscellaneous | \$595.00 | \$8.25 | \$100.00 | \$100.00 | \$100.00 |
| Total Administrative | \$7,200.86 | \$5,941.51 | \$6,300.00 | \$8,300.00 | \$8,300.00 |
| Aquatic Plants | | | | | |
| Weed Control | \$17,435.25 | \$12,452.50 | \$13,500.00 | \$30,000.00 | \$25,800.00 |
| Total Aquatic Plants | \$17,435.25 | \$12,452.50 | \$13,500.00 | \$30,000.00 | \$25,800.00 |
| Lake Management Plan | | | | | |
| Stocking the Lake | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| LMP Implementation & Supplies | \$1,745.58 | \$0.00 | \$900.00 | \$900.00 | \$900.00 |
| Total Lake Management | \$1,745.58 | \$0.00 | \$0.00 | \$900.00 | \$900.00 |
| Lake Grants | | | | | |
| Weed Control | | \$0.00 | \$0.00 | | \$0.00 |
| Total Lake Grant Costs | \$0.00 | \$0.00 | \$19,800.00 | | \$0.00 |
| Operating Funds Total | \$26,381.69 | \$18,394.01 | \$39,200.00 | \$39,200.00 | \$35,000.00 |
| Balance | \$26,755.69 | \$36,343.50 | \$34,145.47 | \$0.00 | \$34,000.00 |

jlrcd.net Visits Per Month January 2018 through March 2021

