

2018 to 2028 ROCK LAKE MANAGEMENT PLAN

MANAGEMENT PLAN ACTIVITY DASHBOARD

Updated:

August 15, 2020

Prepared for Annual RLIA Board Meeting

| Color Key | |
|---|---|
| Significant Activity or Completed | |
| Some Ongoing or Planned Activity | |
| No Activity or On Hold | |
| Organization Name Key | |
| Wisconsin State Department of Natural Resources | DNR |
| Jefferson County Land & Water Conservation District | LWCD |
| Rock Lake Improvement Association | RLIA |

| WATER QUALITY | Status/Who | Notes |
|---------------|------------|-------|
|---------------|------------|-------|

Agriculture Recommendations

Nathan Pyles

Committee Chair

| | | |
|---|--|---|
| 1 Assist in forming Healthy Soils / Health Waters Watershed Ag Group | RLIA/Nathan | NP: Support new Jeff County Farmer Org. Board approved funding of up to \$1000 to support start-up costs. |
| 2 Conservation practices on agricultural lands within the RL watershed. | LWCD | |
| 3 Review EVAAL analysis to review erosion control practices | LWCD | |
| 4 Implement the 2014 "Mijala Channel Tributary Watershed Plan" | RLIA/Wes | NP: Wes continues to have dialogue with landowners. |
| 5 Research restoring Rock Creek to its natural channel. | RLIA/John C. | |

Residential Recommendations

Susan Trier

Committee Chair

| | | |
|--|---|---|
| 1 Promotion to increase percentage of shorelands with native vegetation. | RLIA/Susan | ST: Looking into setting up a Shoreline Preservation Award for riparian owners / Program to encourage property sellers not to alter shoreline in selling process. |
| 2 Increase enforcement of construction site erosion laws. | RLIA/John T | JT: John Thode arranging meeting with City to discuss |
| 3 The City and Town to work together on a new composting area. | RLIA/Susan | |
| 4 Promote the use of residential stormwater management practices | RLIA/Susan | ST: Looking into setting up a Storm Water Stewardship program / Will publicize Eagle Scout drain marking project |

Streets Recommendations

Jim Colegrove

Committee Chair

| | | |
|--|--|--|
| 1 Work with Town & City to reduce pollutants from streets. | RLIA/Jim | JC: The committee members should connect with City council and Town Board members to communicate suggestions, recommendations, and to promote preferred best practices |
| 2 New location instead of Veterans Lane for disposal of City snow. | RLIA/Jim | JC: New location was found and has been in use. For the past two winters |
| 3 Town to update winter time road treatment mix. | Town Board | JC: Town is working with snow removal contractor |
| 4 Town to modernize road treatment to brining. | Town Board | JC: Town is working with snow removal contractor |

| WATER QUALITY SAMPLING | Status/Who | Notes |
|------------------------|------------|-------|
|------------------------|------------|-------|

Water Quality Sampling

Ralph Pasquale

Committee Chair

| | | |
|--|---|--|
| 1 Every other week water quality sampling on Rock Lake | RLIA/LWCD | On Hold due to Covid Social Distancing |
| 2 JCLWCD & DNR to plan sample dates to get 4 sample times annually | LWCD/DNR | " |
| 3 Measure dissolved oxygen in deep hole biweekly in summer | LWCD | " |
| 4 Determine level of internal phosphorous loading in Rock Lake | LWCD | " |
| 5 Expand water quality monitoring to more inlets | LWCD/RLIA | " |
| 6 Collect concurrent samples of base flow and phosphorous in streams | LWCD/RLIA | " |
| 7 Expand tests in Mud Lake quality monitoring | LWCD/RLIA | " |

| HABITAT GOALS | Status/Who | Notes |
|---------------|------------|-------|
|---------------|------------|-------|

Fish & Wildlife Recommendations

Open

Committee Chair

| | | |
|---|--|----------------------|
| 1 Opportunities to improve fish and wildlife habitat in Rock Lake | | Need Committee Chair |
| 2 Periodic nongame fish nearshore population monitoring | LWCD/DNR | " |
| 3 DNR to add boomshock survey in Rock and Marsh Lake to target small fish | DNR | " |

| | | | |
|---|--|-----------|--|
| 4 | Additional and more frequent nearshore fish sampling in Mud Lake | LWCD/DNR | " |
| 5 | Addition fish surveys, including carp, in Mud Lake | LWCD/DNR | " |
| 6 | Research impact of fishing tournaments on Rock Lake fish population | | " |
| 7 | Annual coumnaris virus education that leads to spring fish kills | LWCD/RLIA | " |
| 8 | Research feasibility of expanding toad and frog surveys to other areas | | PC: Bob & Sue Volenec trained volunteers |
| 9 | Continue to have volunteers perform bat survey | | PC: Performed by Bob & Sue Volenec |

Aquatic Plant Recommendations

Open

Committee Chair

| | | | |
|---|--|-----------|----------------------|
| 1 | Review 2017 & 2018 surveys to determine if more actions are needed | LWCD | Need Committee Chair |
| 2 | Determine if viable to hand pull milfoil by Miljala channel outlet | LWCD/DNR | " |
| 3 | Aquatic plant survey every 5 years - next one planned for 2022 | LWCD/DNR | " |
| 4 | Aquatic plant survey on Mudlake - 2018/2019 | LWCD/DNR | " |
| 5 | Educate riparian owners on value of native aquatic plants | LWCD/RLIA | " |

Invasive & Nuisance Species Recommendations

Open

Committee Chair

| | | | |
|---|---|------|----------------------------------|
| 1 | Continue to implement Clean Boats / Clean Waters | LWCD | PC: However on hold due to COVID |
| 2 | Annual environmental cleanup - trash and garlic mustard, etc. | | |
| 3 | Take Action to reduce Canada Geese and sea gull population | | |

Shoreland & Shallows Recommendations

Open

Committee Chair

| | | | |
|---|---|------|--|
| 1 | Shoreland and shallows survey every 5 years - next up 2021 & 2026 | LWCD | |
| 2 | Educate boaters on navigation of Korth Bay to protect sensitive areas | | |

| LAKE RECREATION | Status/Who | Notes |
|-----------------|------------|-------|
|-----------------|------------|-------|

Water Recreation Recommendations

Bonnie Nolan

Committee Chair

| | | | |
|---|---|-----------------|---|
| 1 | Summer boat congestion survey | RLIA | BN: Count held on July 5th |
| 2 | Research Town ordinance to limit total number of people on watercraft | Closed/Joint RL | PC: Researched & found that local law is not allowed |
| 3 | Share annual lake patrol survey results with public | | |
| 4 | Research the viability of no-wake for all craft at 200 feet from shore | | |
| 5 | Educate public on slow-no-wake rules | | PC: Joint Rock Lake Committee is interested in this as well |
| 6 | Provide lake recreation rules pamphlet with launch passes & at launches | Joint RL | PC: Need to double check if Town/City provides with passes |

Beach Water Recreation Recommendations

Bonnie Nolan

Committee Chair

| | | | |
|---|--|--|--|
| 1 | City & town to follow DNR & EPA protocols for beach water postings | | |
| 2 | If a beach is closed, subsequent water samples should be expedited | | |
| 3 | Review status and enforcement of laws regarding dogs at public beaches | | |

Sandy Beach Recreation Recommendations

Bonnie Nolan

Committee Chair

| | | | |
|---|---|--|--|
| 1 | Prior to final decision, City should hold public comments session on plan | | |
| 2 | New Sandy Beach plan to have no negative environmental impact | | |

| EDUCATION | Status/Who | Notes |
|-----------|------------|-------|
|-----------|------------|-------|

Education

Susan Trier

Committee Chair

| | | | |
|---|---|------------|--|
| 1 | Expand education efforts and train citizen scientists | RLIA/Susan | ST: Began a nesting turtle awareness program / Wrote articles on lake life under the ice and on turtle awareness / Will publicize Eagle Scout Projects for AIS |
| 2 | Continue to provide new and current riparian owners with education packet | RLIA/Susan | ST: Ongoing. Packets distributed 3x / year |
| 3 | Improve peace and tranquility by educating public on lights and noise | | |