

PICKEREL-CRANE LAKES STEWARDSHIP PROGRAM – GOALS, ACTIVITIES, TASKS, RESPONSIBILITY, CALENDAR & STATUS

Goals	Activities	Methods/Tasks	Responsibility*	Calendar	Status/Notes	HRS**
1. The Lake: integrate historic and new information about water quality, fish, aquatic plants, aquatic animals, aquatic habitat, and aquatic invasive species in order to understand Pickerel and Crane Lakes in an ecosystem context.	1.a. - Water quality	Gather and review historical water quality data	WWA	Apr 2019	Complete	
		Collect new water quality data	WWA/PCPRD	2019-2020	Complete/PCPRD does CLMN	8
		Conduct dissolved summer and winter oxygen profiles	WWA/PCPRD	Aug '19/Mar '20	Ongoing/PCPRD volunteers	8
	1.b. - Fish	Gather and review existing fish information	WWA	May 2019	Ongoing	
	1.c. - Aquatic plants	Gather existing information on aquatic plants	WWA	May 2019	Complete	
		Obtain point-intercept (P-I) coordinates from DNR	WWA	May 2019	Complete	
		Deploy field team to conduct point-intercept survey	WWA	Jul-Aug 2019	Complete	
		Manage aquatic plant specimens	WWA	Sep 2108	Ongoing	
		Conduct field work and Map Eurasian water milfoil	WWA	Jul-Aug 2019	Complete	
		Manage data, analyze, interpret results	WWA	Aug-Dec 2019	Ongoing	
	1.d. - Aquatic & water animals	Gather existing information on Pickerel-Crane Lakes fauna	WWA	May-Oct 2019	Ongoing	
		Record observations of other animals on the lakes	WWA	2019-2020	Ongoing	
	1.e. - Aquatic habitat	Verify Pickerel-Crane Lakes depth/substrate based on P-I data	WWA	Jan 2020	Complete	
		Characterize littoral zone w/Shoreland Hab Mon Protocol	WWA	Jul-Aug 2019	Complete	
		Manage data, analyze, interpret results	WWA	Sep-Dec 2019	Ongoing	
		Characterize near-shore habitat areas in regard to quality	WWA	Dec 2019	Ongoing	
1.f. – Aquatic invasive species (AIS)	Employ DNR AIS Early Detection protocol	WWA/PCPRD	Jun-Aug 2019	Complete/ PCPRD volunteer	6	
	Determine lake suitability to zebra mussels	WWA	Aug 2019	Ongoing		
	Manage data, analyze, interpret results	WWA	Aug-Oct 2019	Ongoing		
	PCPRD conducts regular AIS (plant) monitoring	PCPRD	2019 and 2020	Ongoing/ PCPRD takes lead	18	
2. The Watershed: update existing information about Pickerel and Crane Lakes watershed and collect new data that will reflect the state of health of the watershed.	2.a. – Watershed analysis	Review Pickerel-Crane Lakes watershed cover types	WWA	Sep 2019		
		Review if changes in watershed require re-analysis with WiLMS	WWA	Jan 2020		
	2.b. – Riparian habitat	Evaluate riparian area w/Shoreland Habitat Monitoring Protocol	WWA	Jul-Aug 2019	Complete/ PCPRD volunteers	20
		Manage data, analyze, interpret results	WWA	Sep-Dec 2019	Ongoing/PCPRD volunteers	
		Characterize shoreland areas in regard to quality	WWA	Dec 2019	Ongoing/PCPRD volunteers	
	2.c. – Watershed threats	Identify potential and actual threats to Pickerel-Crane Lakes	WWA/PCPRD	2019-2020	Ongoing/PCPRD volunteers	10
Canvas lake users regarding threats to Pickerel-Crane Lakes		PCPRD/WWA	2019-2020	Ongoing/PCPRD volunteer takes the lead		
3. The People: understand and educate the people who use and enjoy Pickerel-Crane Lakes and its surroundings.	3.a. – Education	Prepare two press releases	PCPRD/WWA	May '18 & May '21	Ongoing/PCPRD volunteer takes the lead	120
		Create/maintain Pickerel-Crane Lakes website and/or Facebook	PCPRD	2019-2021	Ongoing/PCPRD volunteer takes the lead	
		Conduct “floating workshop” on Big Portage L. ecology	WWA	Jul-Aug 2020	PCPRD volunteers attend	
	3.b. – Lake user survey	Draft lake user survey questions	PCPRD/WWA	Jun 2019	PCPRD volunteer takes the lead	75
		Submit draft questions for WDNR review	PCPRD	Jun 2019	PCPRD volunteer takes the lead	
		Deploy Pickerel-Crane Lakes survey to lake users	PCPRD	July 2019	PCPRD volunteer takes the lead	
		Manage data, analyze, interpret results	PCPRD	Oct-Nov 2019	PCPRD volunteer takes the lead	

4. The Plan: Prepare a Lake Management Plan that integrates historic and new information.	4.a. – Adaptive mgt plan	Prepare and integrate deliverables into a comprehensive adaptive management plan (includes the aquatic plant management plan).	WWA/PCPRD	Jan-June 2021	PCPRD reviews draft plan	24
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**WWA=White Water Associates and PCPRD= Pickerel Crane Protection & Rehabilitation District; **This column indicates the number of PCPRD budgeted volunteer hours*