

2020 VLAWMO Cost Share Program: A Summary, Bulleted

January 2021

- ALL Cost Share funding allocated for the 2020 grant year
- Overall, 16 LL1 grants, 4 LL2 grants, and 5 rain barrel grants (6 funded total)
- 2020 REMOVALS
 - 4.954 LBS of total phosphorus per year (**6.2 times more than 2019**)
 - 3.9377 acre/ft (1,283,103.26 gallons) of runoff per year(**4.3 times more than 2019**)
 - 2,749.9 lbs total suspended solids (sediment) per year (**19 times more than 2019**)
- Major increase in removals directly connected to 2020 LL2 projects (3 completed, 1 to be completed)
 - TNC Teal Pond restoration (3.37 acres of restoration)
 - Cty Rd F Raingardens reconstruction (6 curb cuts reconstructed)
 - Private North Oaks landowner restoration (.26 acres)
 - 40 feet of Lambert Creek restoration, piggybacking on 2017 restoration
- Grants by Municipality:
 - North Oaks: 5
 - Vadnais Heights: 11
 - White Bear Lake: 6
 - White Bear TWP: 3

2020 Financials

Landscape Level 1:

- 2020 Budget of \$36,650 (including 2019 projects completed in 2020)
- \$23,278 reimbursed; \$10,221 outlying for projects to completed in 2021; \$2,000 back into general fund from canceled 2019 project
- \$425 imbursed for 5 Rain Barrel grants

Landscape Level 2:

- 2020 budget of \$31,361 (including \$2,054.70 in carryover for 1 2018 & 1 2019 project, both closed out in 2020)
- \$22,621 imbursed or reimbursed, and \$8,140 carryover to be reimbursed in 2021
- 1 grant closed, and 3 LL2s to be completed or closed out in 2021

Project	Annual particulate P Red (lbs)	Annual dissolved P Red (lbs)	Volume reduction (acre-ft)	TSS Reduction (lbs)	Grant Year	Installed
LL1 2020-02 Hisdahl RG	0.016	0.014	0.0366	5.4	2020	
LL1 2020-03 Biese Inf	0.15	0.123	0.3346	49.6	2020	2020
LL1 2020-04 White RG	0.017	0.014	0.0376	5.6	2020	
LL1 2020-08 Piper Ditch Resto.	.011 (TP)		0	6.2	2020	2020
LL1 2020-09 Crosby RG	0.006	0.005	0.0134	2	2020	2020
LL1 2020-14 Wills RG	0.067	0.055	0.1498	22.2	2020	2020
LL2 2020-01 TNC Teal Pond Resto.	1.05 (TP)		0	800	2020	
LL2 2020-02 Cty Rd F RG Recon.	1.51	1.236	3.3657	498.9	2020	2020
LL2 2020-04 Monda SB Resto.	.68 (TP)		0	1360	2020	2020
total	<u>1.766</u>	<u>1.447</u>	<u>3.9377</u>	<u>2749.9</u>		

2020 total reductions: 1.766 lbs particulate P/yr 1.447 lbs dissolved P/yr 3.9377 acre/ft per year 2,749.9 lbs TSS/yr
 1.741 lbs TP (not included above) or 1,283,103.26 gallons

4.954 lbs TP/yr

LL1: .478 lbs TP/year .572 acre/ft per year 91 lbs TSS/yr

LL2: 4.476 lbs TP/ year 3.3657 acre/ft per year 2658.9 lbs TSS/yr

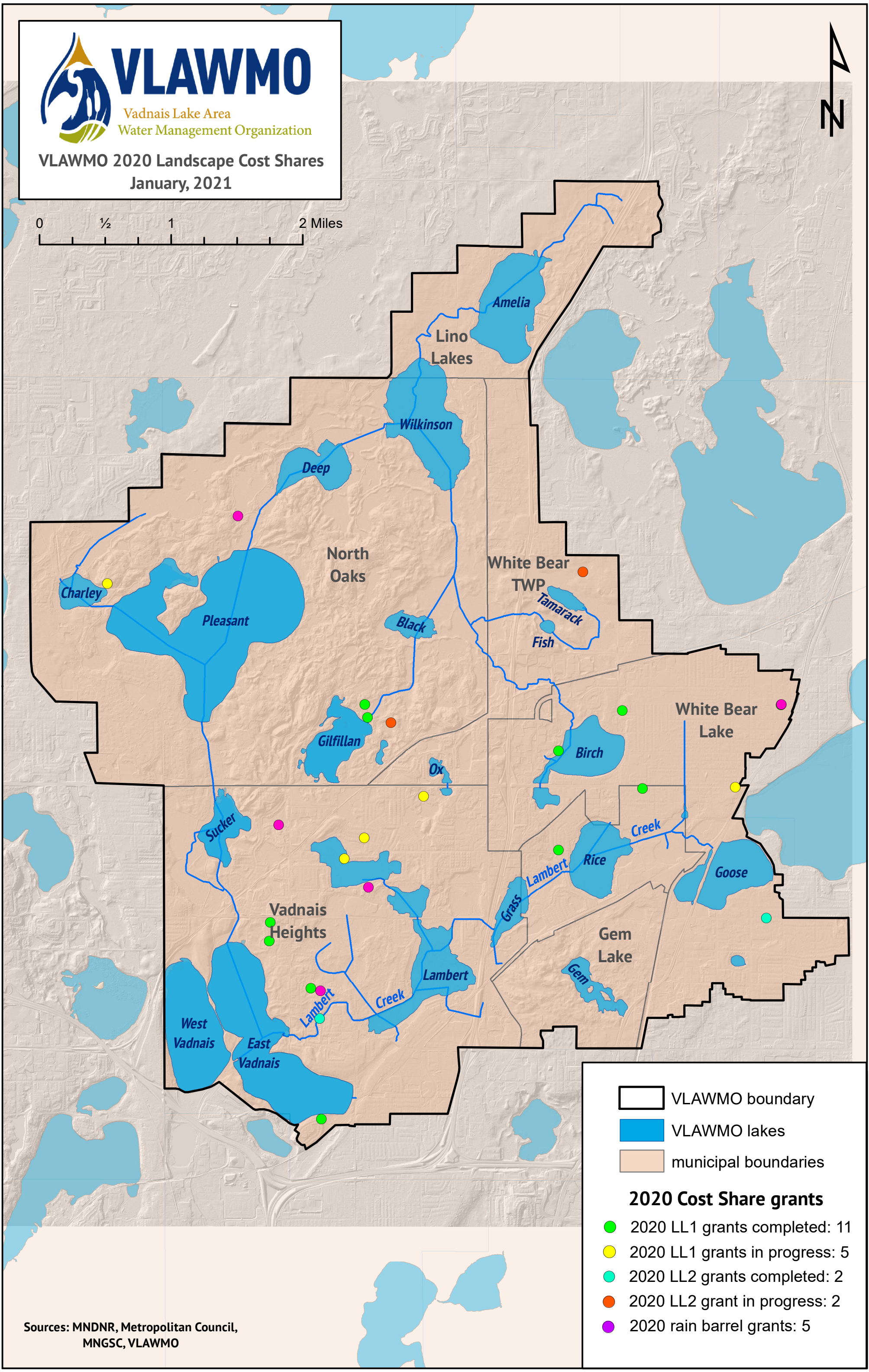





VLAWMO

Vadnais Lake Area
Water Management Organization






VLAWMO 2020 Landscape Cost Shares
January, 2021

0 1/2 1 2 Miles



-  VLAWMO boundary
-  VLAWMO lakes
-  municipal boundaries

2020 Cost Share grants

-  2020 LL1 grants completed: 11
-  2020 LL1 grants in progress: 5
-  2020 LL2 grants completed: 2
-  2020 LL2 grant in progress: 2
-  2020 rain barrel grants: 5

Sources: MNDNR, Metropolitan Council, MNGSC, VLAWMO