

Identified Stormwater Project listing

Updated 4/12/2019						
Name	Location	Issue	Estimated Cost	Inspection Date	Staff Priority Rating	Plan sheet reference #(S)
Outfall #5	West Bald Eagle and St. Anthony	Outfall needs to have sediment cleared away from outlet end. Outlet needs to have a flared end section with rip rap added. No measures currently to dissipate the energy from the flow into Bald Eagle Lake	\$35,000.00	12/10/2015	1	876 (1995)
Outfall #6	East Bald Eagle and Park Avenue	Outfall needs a flared end section added with rip rap to control erosion of lake bed due to flows during rain events. The existing outfall is 85% Town owned and 15% Ramsey County based on surface area drainage calculations provided by RC. The Outfall has been identified by RCWD for a possible in-line treatment device. We have received a 50% cost share grant + \$11,200.00 from Ramsey County.	\$35,000.00	12/10/2015	2	650
2019 Pavement Management Plan Projects	Various...		\$73,000.00		3	
Pond #44	Polar Lakes Park, southeast corner of lower parking lot	Embankment eroded, algae, overgrown 10" tree in front of structure	\$30,000.00	Summer/Fall 2018	4	Plan sheets may be in Parks files that Tom R. has
Pond #63	Township Parkway, east side, north of Co Rd H-2	Trash, woody growth and branches, Flared End Section (FES) missing, eroded pipe	\$30,000.00	Summer/Fall 2018	5	493,
Pond #15 and Structure 15-4	Northwest corner of Centerville Rd and Hwy 96	Lots of trash, some inlets clogged, structure clogged	\$50,000.00	Summer/Fall 2018	6	
Pond #55 and Weir Wall	White Bear Parkway, west of Thermoform	Erosion on the west pond bank and FES starting to collapse	\$20,000.00	Summer/Fall 2018	7	
Pond #56	White Bear Parkway, west of Thermoform	No structures found, pond draining on west end	\$10,000.00	Summer/Fall 2018	8	
Pond #18 Structure	Taylor Ave, north side of street, east of Hwy 61	Structure in good condition but beginning to clog	\$5,000.00	Summer/Fall 2018	9	
Pond #29 Weir Wall	East of Red Pine Blvd and south of Norway Pine Dr.	Weir wall not functioning as intended	\$5,000.00	Summer/Fall 2018	10	sheets 832, 844, and 845
Outfall #9 (1987)	White Bear Parkway (Cortec Pond)	Outfall is submerged and storm pipe inlet from the Parkway is half full of water. Lot's of tree debris in the pond left by someone performing tree removals around the pond near the outfall.	\$10,000.00	12/10/2015	11	542
Outfall #3	Hobe Court south	Pond that the outfall discharges into needs to be cleaned in order for the outfall pipe to drain after normal precipitation events.	\$20,000.00	12/10/2015	12	1364A,1371
Outfall #16	Bellaire Beach	Pond #89 needs cleaning, lots of silt built up.	\$20,000.00	12/11/2015	13	634, 642, See Bellaire Beach hand drawing in 600 file
Outfall #17	South Shore Boulevard	Rip Rap needs to be rearranged along with channel cleaning for the first 30' beyond the outfall.	\$10,000.00	12/11/2015	14	1094
Outlet 35	East of Jenni Lane (1988)	Between 5537 and 5542 is the access, large stone wall at 5542. It will be a challenge to remove sediment and reestablish rip rap. Steep grade to outlet.	\$30,000.00	10/0/2017	15	597
Otterview Trail	From Otter Ridge Road north to Otter Lake Road	Complete project areas 4 and 5 (alternates 1 and 2) from 2013 Brandwood Area Drainage Improvement Project.	\$35,000.00	0/0/2013	16	
Pond 26	Mallard Ponds Pkwy (north side)	Pond is full of vegetation and sediment inlet pipe that drains to Portland Avenue is full of sediment also.	\$40,000.00	10/4/2017	17	No record plan found, constructed prior to 1999
Pond 67	Polar Bear Lane	Pond inlet pipe is full of sediment from Polar Bear Lane and ditch has over 300 cu yds of sediment. Storm pipe will need to also be cleaned from Polar Bear Ln.	\$20,000.00	9/28/2017	18	746,747
Pond 5	Southwest corner of Schwing America	Sediment over 50%, two open concrete swales drain to pond and need rehabilitation.	\$30,000.00	9/20/2017	19	
Pond 6	Southwest corner of Schwing America	Sediment over 50%. Inlet and outlet pipes need cleaning	\$30,000.00	6/8/2016	20	
Pond 29	Norway Pine Drive and Red Pine Blvd	Both outlets to pond need sediment removed and rip rap reestablished. Access from Red Pine Blvd is between two yards with a screen wall near the outlet structure.	\$10,000.00	10/4/2017	21	844
Pond 28	Norway Pine Drive (east pond that is east of Mallard Ponds Drive)	Inlet pipe needs trash grate cleaned, channel cleaned of silt and rip rap reestablished.	\$3,000.00	9/20/2017	22	1240
Pond 27	Norway Pine Drive ( west pond that is east of Mallard Ponds Drive)	Pipes under Norway Pine Drive need sediment removal. Westerly on has sediment and brush built up in front of outlet.	\$2,000.00	9/20/2017	23	1240
Drainage Ditch	East of Parkview Court	Ditch from Portland Ave to Pond 20 needs to be reestablished. Lots of sediment.	\$60,000.00	10/0/2017	24	596
Pond 20	West of Parkview Court	Has obstructions placed in the outlet to the wetland. Pond will need an engineering evaluation to determine if it has reduced capacity. The inlet pipe is set lower than the outlet elevation.		10/0/2017	25	901
Pond 19	West of Fenway Court	Both inlets need sediment removed from the flared end section. There is a sand bag obstructing the outlet structure.	\$3,000.00	10/0/2017	26	855
Low area	South of Parkview Drive	Clean inlet pipe of sediment and add rip rap	\$1,000.00	10/0/2017	27	854
Low area	East side of SMC near loading dock area.	Have SMC sweep loading dock area and clean up swale to wetland south of pond.		6/8/2016	28	
Pond 30	Southeast corner of Short St. and Portland Ave.	Property owner has dock on pond and is mowing to the pond edge.		6/0/2016	29	
Pond 68	South of Sandterra Court, on the west side of Portland Ave.	Outlet pipe from Sandterra needs cleaning along with discharge ditch to pond.	\$5,000.00	6/0/2016	30	1243
Lake Avenue & Overlake Road	From intersection west to Bald Eagle Lake	Reline or replace pipe and structure in easement	\$25,000.00	0/0/2016	31	
Pioneer Lane Ditch Cleaning	Along railroad easement from Dillon Street to Lakeview Avenue	Ditch has sediment and debris that needs to be removed	\$50,000.00	0/0/2016	32	sheets 96-98
Allendale Drive ditch cleaning	From wetland east of Allendale to railroad tracks	Ditch has sediment and volunteer growth in it.	\$20,000.00	0/0/2016	33	
Beaver Street Drainage	Between Bald Eagle Avenue East and Stillwater Street	Water ponding in various addresses along Beaver Street	\$ 25,000.00	0/0/2013	34	
Outfall #15	Whitaker Pond Outfall on Whitaker Street	Need to determine who's responsible for this outfall. The City of White Bear Lake, Ramsey County, and/or WBT.	\$25,000.00	12/11/2015	35	
Park Avenue/Stillwater Street drainage	Private pond on northwest corner of intersection at Park Street and Stillwater Street	Longstanding project that was brought to the Town's attention by Dale Montgomery. The private pond doesn't have an outlet to drain the overflow. Town Engineer suggests performing a survey to determine options.	\$ 2,500.00	0/0/2015		Need to consult with the Town Engineer
Outfall #11	Pond View Lane	No flared end section or rip rap to dissipate energy from high flows.	\$5,000.00	12/10/2015		Need to consult with the Town Engineer
Outfall #8	Birch Pond	May require a flared end and rip rap to dissipate energy during high flow events.	\$5,000.00	12/10/2015		Need consult with the Town Engineer
2581 4th Street	4th Street and Grand Ave	Ponding in driveway due to low spot in roadway and on residents property				Need to have a survey completed to see if drainage can be improved
Apple Tree Park	4399 Oakmede Ln.	eliminate ditch and pipe water to the existing structure in the southwest corner of the park. Eliminate bee hive and install a stormsewer cover	\$5,500.00			
2561/2581 4th St.	Drainage Ditch to Garden Creek	Culvert is failing under 4th St. and ditch needs to be cleaned out going to the North to Garden Creek.	\$15,000.00			
<b>Total estimated project costs</b>			<b>\$800,000.00</b>			
Stillwater Street Drainage Improvements	Stillwater Street Eagle Street to Otter Lake Road	Pending Ramsey County incorporating the street into their Transportation Improvement Plan (TIP)	\$500,000.00			Work to be completed when Ramsey County initiated road project is completed.
<b>Note 1</b> More projects will be added in the future as more inspections are completed						
<b>* Public Works staff will complete the work identified below as equipment and manpower will allow:</b>						
Pond 21 (1990)	East of Franklin Avenue	Remove trash grate and clean flared end section, replace trash grate. Engineer check of sediment basin?	Inhouse			PW to add to 2019 workplan if manpower allows 687
Pond 2,3, and 5, Town Planner has identified these ponds as Private	East side of Schwing America	Clear brush at outlet on 2, clear brush at inlet on 3, overflow inlet needs sump vac'd out on 5.	Inhouse			PW to add to 2019 workplan if manpower allows 1047a
Pond 64	Otter Lake Road (behind 5900 Otter Ridge Road)	Inlet needs to be cleared, outlet has overflow with sump. Wooden weir needs to be repaired.	Inhouse			PW to add to 2019 workplan if manpower allows 863

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Pond 7	Southwest corner of SMC, near Centerville Road	Ramsey county needs to cleaned ditch that the outlet pipe empties into on the west side of Centerville Road. Then clean storm pipe system to outlet.	Inhouse		PW to add to 2019 workplan if manpower allows	
Flared end section (FES), east side of Brandlwood Park	Between property owner on east side of Brandlwood Park and the the park property.	The outlet flared end section needs to be replaced. A stump from a tree removed years ago needs to also be removed. Brush pile near outlet also needs to be removed.	Inhouse		PW to add to 2019 workplan if manpower allows	
Outfall #1	County Road H-2	Adjust/add rip rap to outlet end of pipe. The rip rap has either settled or eroded over the years.	\$2,000.00		PW to add to 2019 workplan if manpower allows	580
Outfall #4	Hobe Lane - Association's boat landing area	The outfall has been cleared of rip rap obstructing flow. The inlet will need to be located and cleaned. Unable to locate during inspection.	\$5,000.00		PW to add to 2019 workplan if manpower allows	522
Outfall #10	White Bear Parkway, north of Fox Meadow Park	Inlet side of pipe needs cleaning, lot's of floatables.	\$500.00		PW to add to 2019 workplan if manpower allows	
Outfall #13	4249 Oakmede Lane	Sediment on outfall end that needs to be removed	\$1,500.00		PW to add to 2019 workplan if manpower allows	541
Outfall #14	1380 Birchcrest	Reestablish rip rap at outfall.	\$500.00		PW to add to 2019 workplan if manpower allows	
Miscellaneous culvert replacement	various locations throughout the Town	Some smaller diameter culverts will need replacement based on inspections.	\$3,000.00		PW to add to 2019 workplan if manpower allows	117
Outfall #12	4312 Pond View Drive	Trash grate needs cleaning	\$500.00		PW to add to 2019 workplan if manpower allows	502
Ramsey County Public Works Projects:						
Outfall #2	Otter Lake Road	The outfall is buried by sediment. I have discussed cleaning the ditch within in the County roadway with the County Maintenance Supervisor. He said he would add it to his list. The Town would then clean the storm pipe discharging to the ditch and eventually to the pond located on the Otter Lake School property.	\$500.00			
Lake Avenue (RC open space)	From dead end on north side to Bald Eagle Lake	Clean ditch to allow better flow from wetland to east	\$25,000.00			
Completed projects:						
Taylor Avenue culvert replacement	Near 2472 Taylor Avenue	Culvert is in a deteriorated state and there is no record of or who or when it was installed.	\$50,000.00			32
Gillfillan Hills Pond drainage valve	on east side of railroad tracks, just north of County Road 96	Control structure has leak around inlet piping that allows water to travel west into North Oaks even when it is closed. The pipe under the RR tracks needs cleaning and the City of North Oaks needs to clean the ditch it discharges to.	\$5,000.00			This ditch is in the Ramsey County Open Space
Barry Lane Sediment Basin	Near 5312 Barry Lane	Remove sediment and repair structure. The ponds capacity has been reduced to less than 25% of capacity. The project is currently out for bid	\$50,000.00			1
West Avenue Rain Garden	West Street and West Bald Eagle Blvd easement	Water Quality. Grant funding from RCWD to cover 75% of estimated cost, the remainder would come from the Town. This would provide a reduction in both Phosphorous and Suspended Solids entering Bald Eagle Lake.	\$5,000.00	\$31,000.00		10
Hammond Road cul-de-sac structure repair	Near 1656 Hammond Road	Catch basin will need to be reconstructed. The structure was set upon a RCP pipe that was tapped into to allow drainage from the catch basin, this impacted the structural integrity of the pipe.	\$25,000.00	\$22,000.00		1
White Bear Parkway (west of Otter Lk. Rd.)	Near 4221 Otter Lake Road	The problem was identified later in 2016 by inspection. There are 3 catch basin structures that need rehabilitation. The current structures are offset from the curbline due to some modifications during initial construction and that has contributed to their current condition state.	\$40,000.00			2
Anderlie Lane	From H-2 south to Pleasant Court East, west of W. Bald Eagle Avenue	There is ponding water in the area and a resident has submitted an email wanting resolution. The Town Engineer will review the existing conditions and ponding water concerns, then develop options to address the issue. This has been presented to the Utility Commission a number of years ago.	???			3
2082 Stillwater Street	Stillwater Street (south side)	Structure needs to be rebuilt	\$5,000.00			4
3961 White Bear Parkway	Ne corner of property	Delta/sedimate out from outlet pipe needs to be removed	???	0/0/2017		?
			???			31
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