



COON CREEK WATERSHED DISTRICT

2026 Ditch 60 and 39 SWA Annual Update

3/25/2026



Agenda

- Water Resource Situation Update
- 2025 Activity Highlights
- Goal/Objective Progress
- New Opportunities
- Implementation Plan
- Future Budget Needs

Expected Meeting Outcomes:

- *Provide major updates to situation*
- *Identify any new opportunities to be included in Implementation Plan*
- *Discuss 2026 planned items on the Implementation Plan*
 - *Budgeting and project leads*

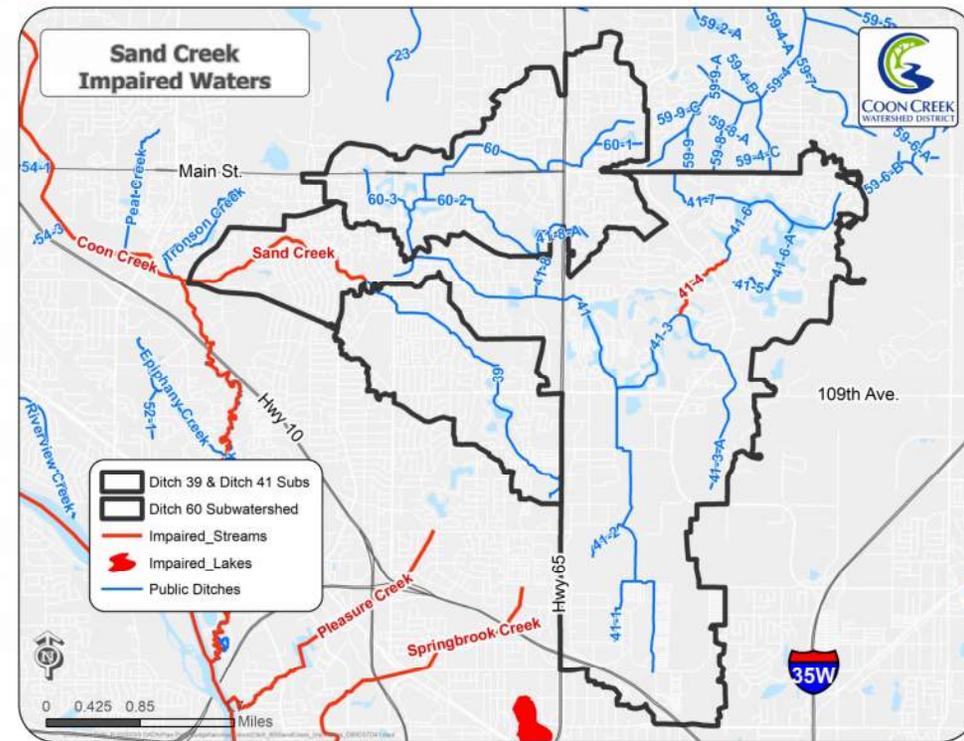


Overview

- Sand Creek is impaired for aquatic life and recreation.
- Ditch 39, 60, and 41 are main tributaries.
- Ditch 39 plan completed in **2024**.
- Ditch 60 plan completed in **2025**.
- Ditch 41 plan to be completed in **2026**.

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- **Resource Situation**
- Activity Highlight
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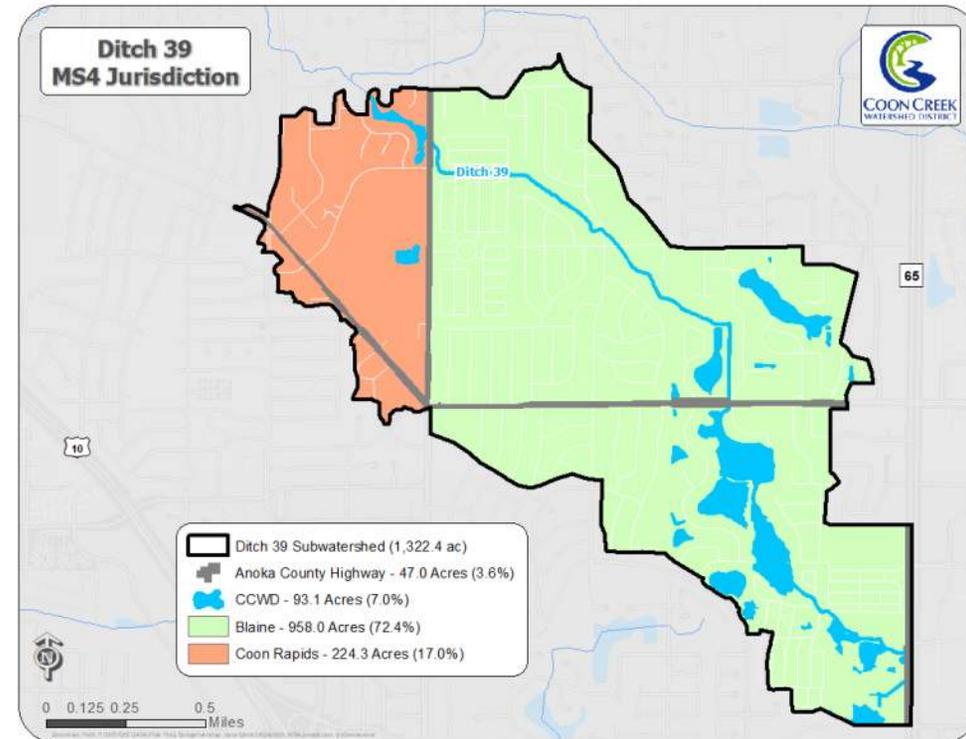


Water Resource Situation (D39)

MS4s - ACHD, Blaine, Coon Rapids, CCWD

Agenda

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Water Resource Situation (D39)

Agenda

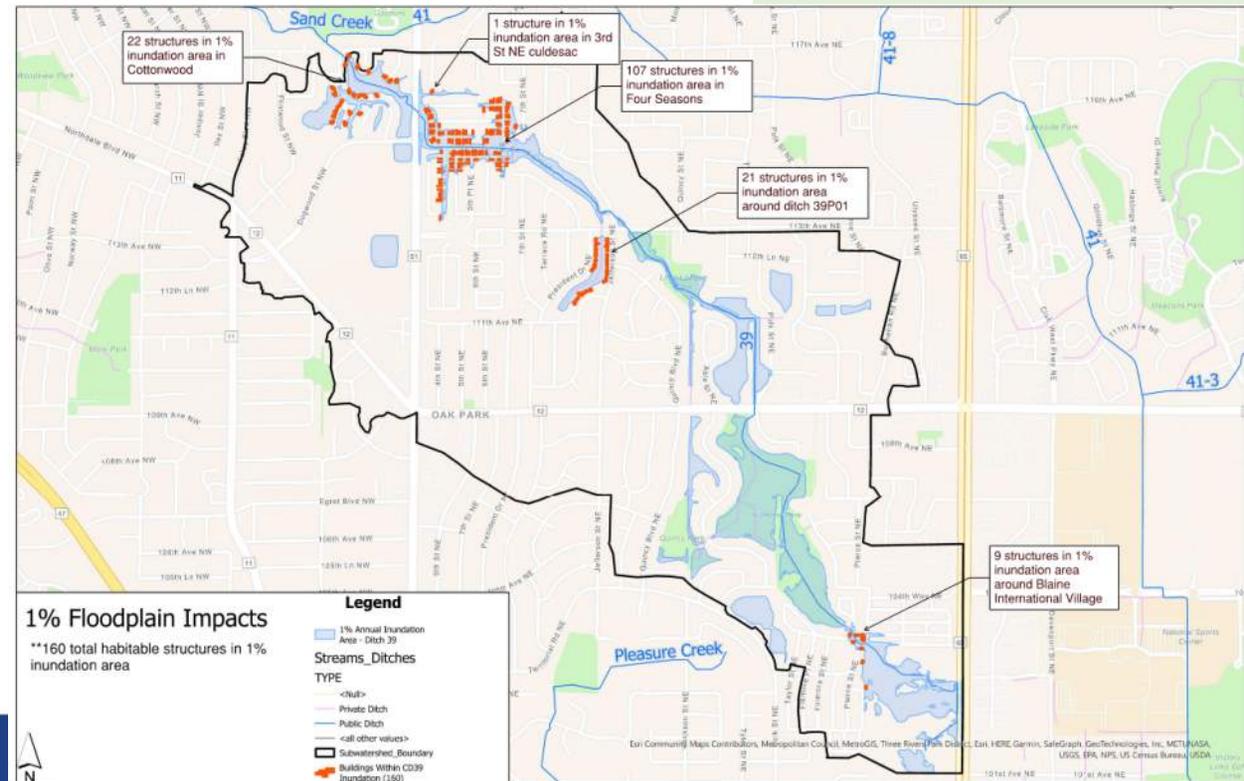
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Water Quality

- Poor stormflow treatment
- Rising chlorides
- High E.coli and pathogens

Flooding

- 160 total structures impacted in 1% event
 - Bridgewater (22), Four Seasons (107), Lateral P01 (21), BIV (9)
- Four Seasons and BIV – road overtopping, evacuation concerns

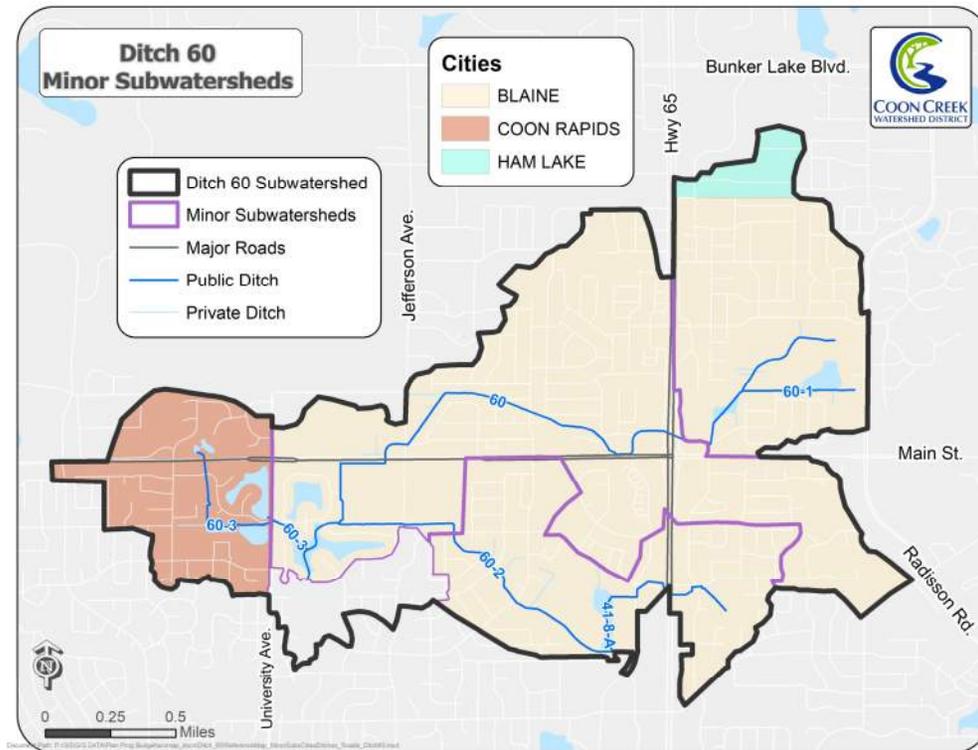


Water Resource Situation (D60)

MS4s – ACHD, Blaine, Coon Rapids, CCWD,
Ham Lake

Agenda

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Water Resource Situation (D60)

Agenda

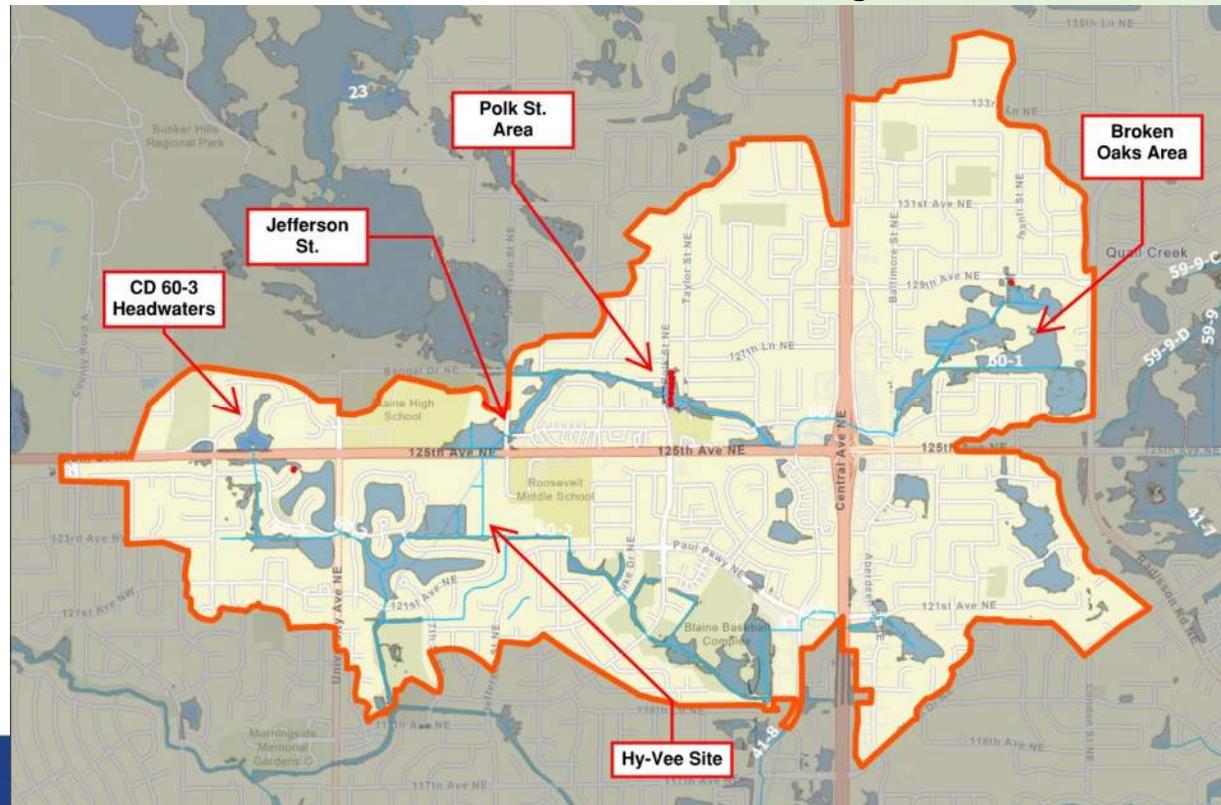
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Water Quality

- D60 degrades Sand Creek, especially during storm flows with TP, TSS
- In-stream pollutant loading by Happy Acres
- E.coli is high
- Chloride is good, but rising

Flooding Issues

- Polk street area: 7 structures and roadway impacts in 100yr event
- Broken Oaks Park area: Impacts to structures in 500yr event
- Jefferson St.: Roadway impacts in 500yr event



2025 Activity Highlights (D39) – Bridgewater Filter

- ❑ Status (Design) – 30% prelim
- ❑ Funding/agreements – JPA almost complete
- ❑ Construction – planned for this Fall/early winter

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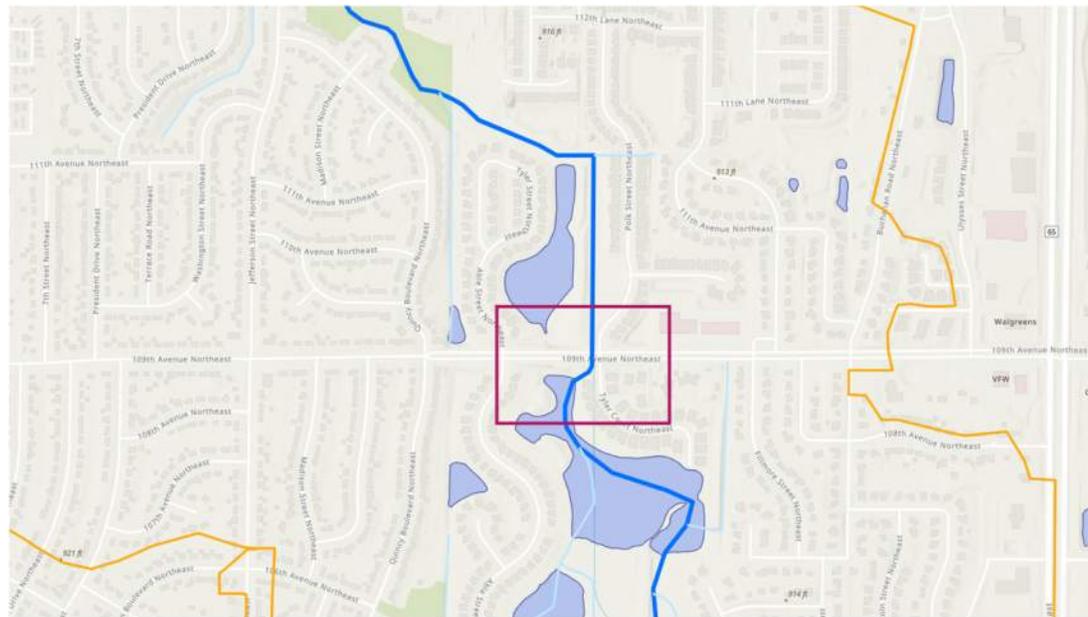


2025 Activity Highlights (D39) – Bacteria source tracking

- ❑ Status (ongoing) – confirmed human sewage in Ditch 39, source investigation continues

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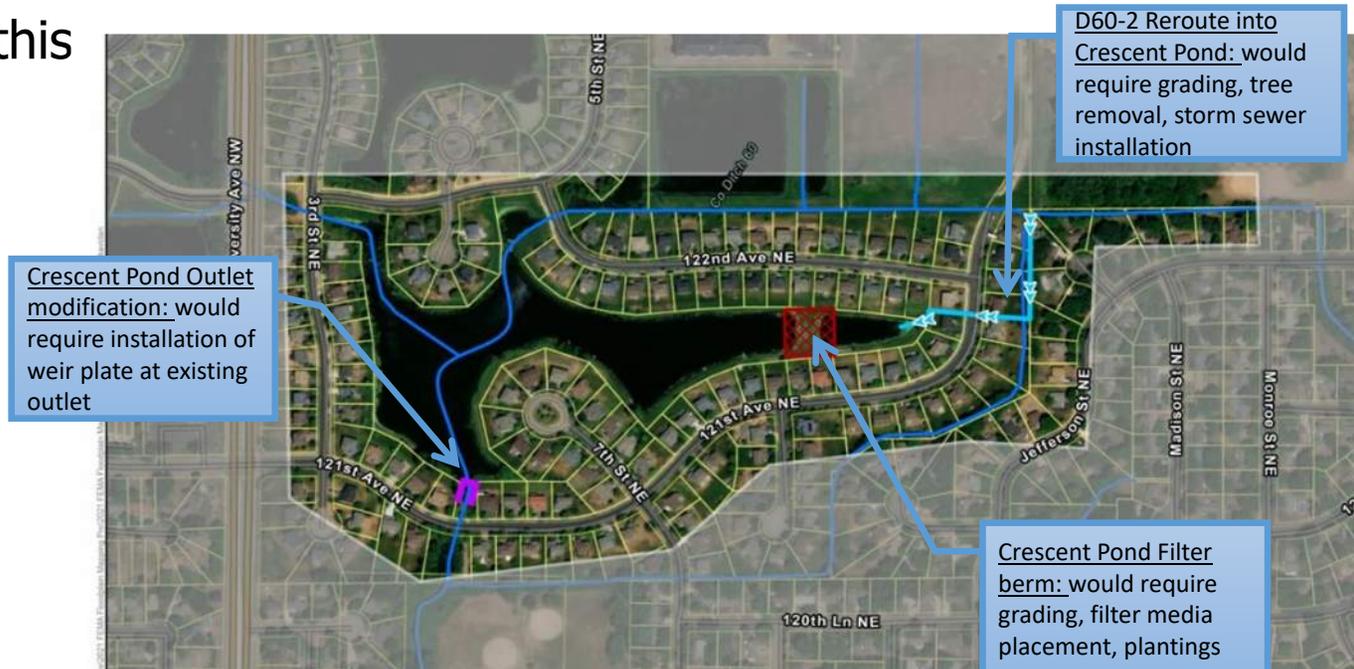


2025 Activity Highlights (D60) – Crescent Pond Outlet Modification

- ❑ Status (design): concept design
- ❑ Construction planned this fall/early winter

Agenda

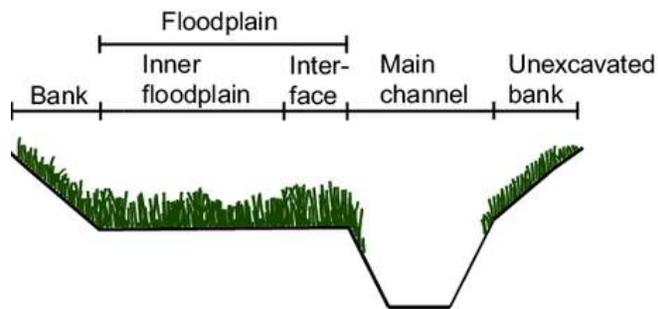
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2025 Activity Highlights (D60)

– HAP Multi-stage ditch

- ❑ Status (investigation): concept design,
- ❑ Could delay until 2027 to align with D60-P01 pond



2025 Activity Highlights – Other

- ❑ Coon Rapids enhanced sweeping (20 lbs Sand Creek total)
- ❑ Ditch 39, 41 ditch inspections

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Goal Progress (D39)

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Goal 1: Improvement water quality and meet TMDL requirements	2025 Cumulative Progress
1.1 Reduce TP by 131 lbs/yr (20%) by 2045 (baseline 2023)	Goal decreased to 30 lbs. Street sweeping – 3 lbs.
1.2 TSS: Reduce TSS by 4.4 tons/yr (6%) by 2045 (baseline 2023)	Objective achieved! 
1.3 Identify and mitigate sources of active human fecal contamination	Investigation ongoing
1.4 Reduce chloride application for major private applicators and public entities	
1.5 Reduce e. coli by 10,857 bill orgs/yr (71%) by 2045	Bridgewater filter
Goal 2: Reduce risk for damage and injury caused by flooding	
2.1 Identify habitable structures within floodplain by 2025	Met with Four Seasons property manager and Blaine manufactured home task force about collected BFEs.
2.2 Determine if it is feasible to mitigate structures from 1% floodplain (baseline 2023 model)	Obtained MPCA grant for Flood Resilience Plan.
2.3 Communicate with areas at risk of flooding and future needs of road authorities to reduce flood risk	<ul style="list-style-type: none"> - Met with Blaine to communicate flood risk to residents in Four Seasons and BIV. - Blaine task force to hold outreach meetings about Resilience Plan findings.
Goal 3: Increase resilience of subwatershed	
3.1 Identify locations of severe flooding in 500-yr (resiliency) event by 2024	Objective achieved 



Goal Progress (D60)

Goal 1: Improve water quality and meet TMDL requirements	2025 Cumulative Progress
1.1) Reduce TSS by 22.9 tons/yr at the D60 outlet in very high flow events by 2030.	Objective achieved! 
1.2) Reduce TP by 103 lbs/yr at the D60 outlet in very high flow events by 2030.	Goal decreased to 60 lbs. Street sweeping – 5 lbs
1.3) Reduce peak bed and bank erosive forces under “very high flow” conditions downstream of Crescent Pond by 2030.	
1.4) Maintain protective levels of chloride for aquatic life by 2045	
1.5) Identify sources of E.coli and pathogens to inform mitigation strategies by 2030	
Goal 2: Reduce potential for damage and injury caused by flooding	
2.1) Reduce risk of flooding damage or injury to Polk St NE area by 2035	
2.2) Reduce risk of injury, damage, or impact to emergency response from road overtopping at Jefferson St. NE & Main St. intersection by 2035	
2.3) Reduce risk of injury, damage, or impact to emergency response from road overtopping at Polk St. NE and 126 th Ln NE. area by 2035	
Goal 3: Increase the resiliency of the subwatershed	
3.1) Capitalize on innovative stormwater BMP opportunities (such as stormwater reuse) at public parks, schools, library by 2040	
3.2) Ensure the long-term performance of Crescent Pond (ongoing)	
3.3) Evaluate impacts of the 500y resiliency event by 2035	Objective achieved 
3.4) Provide resiliency for flooding damage or injury in Broken Oaks Park area by 2040.	

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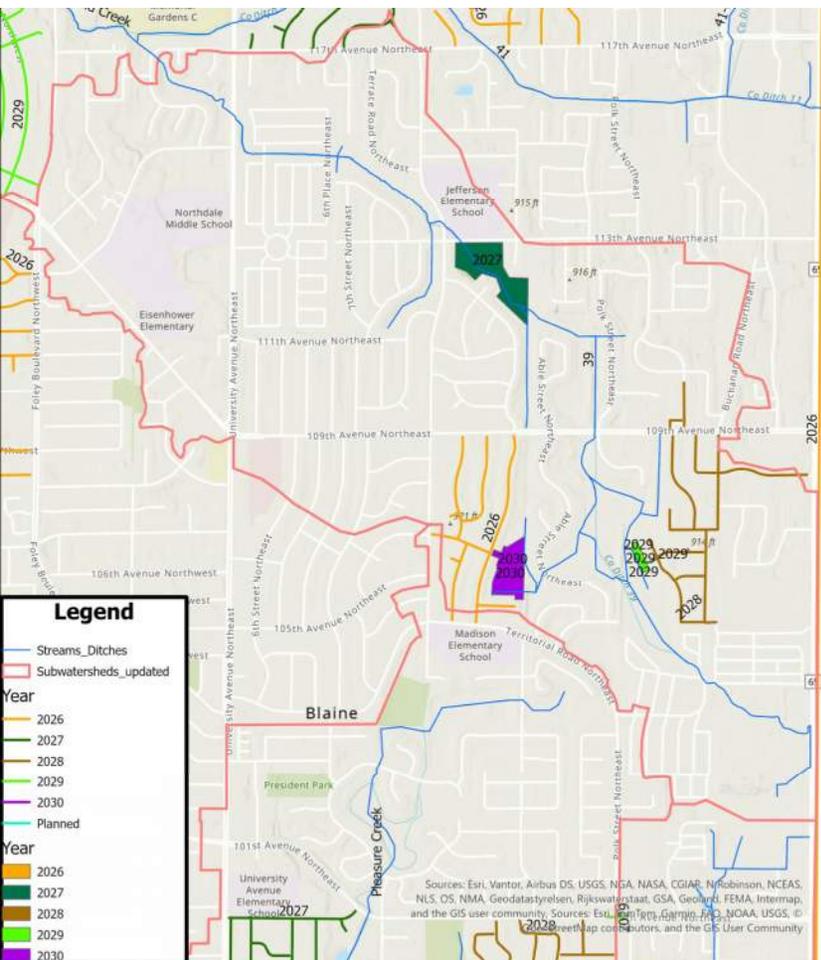
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New Opportunities (D39)

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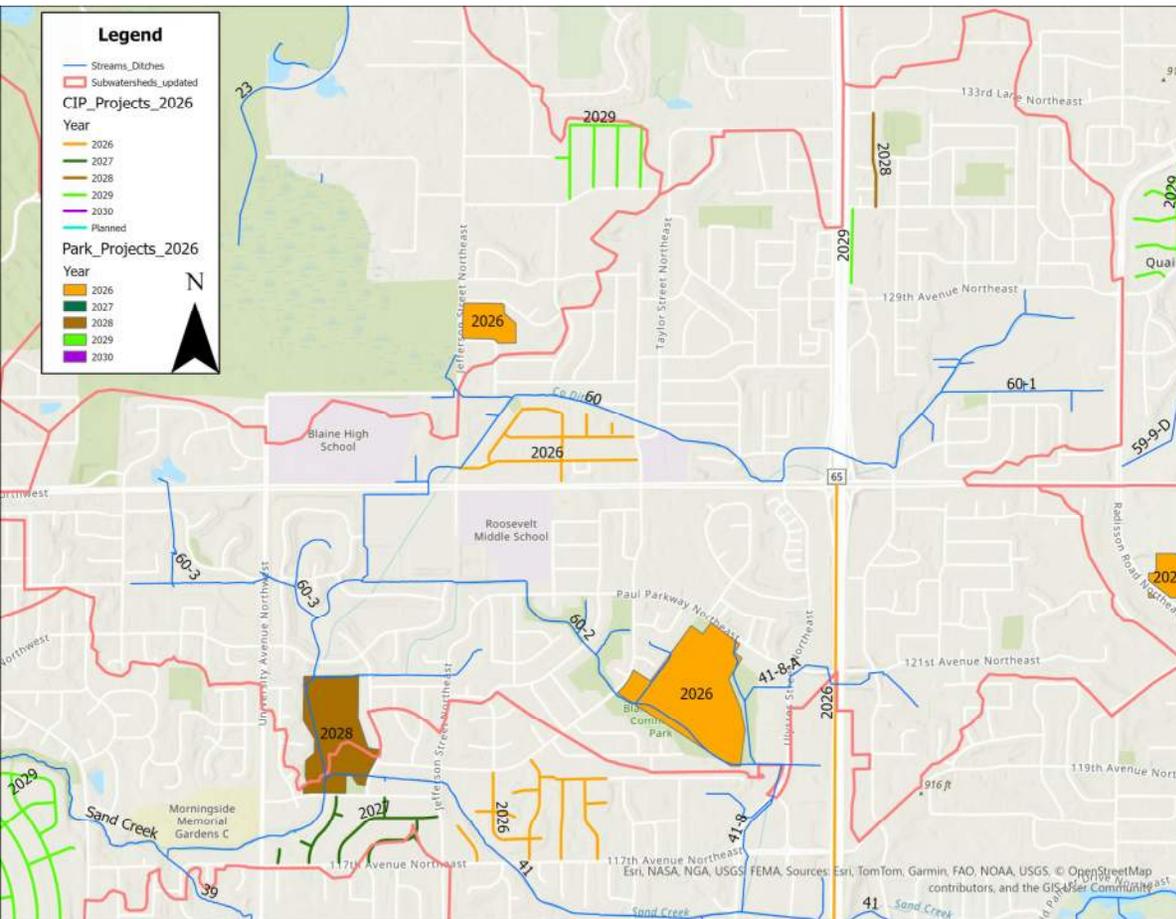


- Road project above and beyond?
- Others?

New Opportunities (D60)

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- 7th street culvert replacement?
- Road project above and beyond?
- Others?

2026 Implementation Plan (D39)

Color Coding Key	
	= activity will be cost-shared
	= activity will be funded by lead MS4/owner

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Project Info				Responsible Parties		Cost - % contribution					Timeline			
Name	Type	Status	Lead	Involved	CCWD	Blaine	CR	ACHD	Total	2026	2027	2028	2029	
Little League Park Basin	(Design)	Project	Ongoing	CCWD	CCWD, CR, BL	100%				\$500,000				
	(Construct)	Project	Not started	CCWD	CCWD, CR, BL	52%	27%	17%	4%	100%	\$1,500,000			
Bridgewater S&N BMP	(Design)	Project	Ongoing	CCWD	CCWD, CR, BL	100%								
	(Construct)	Project	Not started	CCWD	CCWD, CR, BL	7%	72%	17%	4%	100%				
Targeted Public Engagement		Activity	Not started	CCWD	CCWD	100%				\$3,000	\$3,000	\$3,000	\$3,000	
High-resolution bacteria study		Activity	Not started	CCWD	CCWD	100%				\$2,500				
Flood proofing BIV & Four Season structures		Activity	Not started	Blaine	CCWD	0%								
Ditch 39 Flood Resilience Plan		Activity	Ongoing	CCWD	BL, CCWD	100%				\$177,236				
Totals										\$2,182,736	\$3,000	\$3,000	\$3,000	



2026 Implementation Plan (D60)

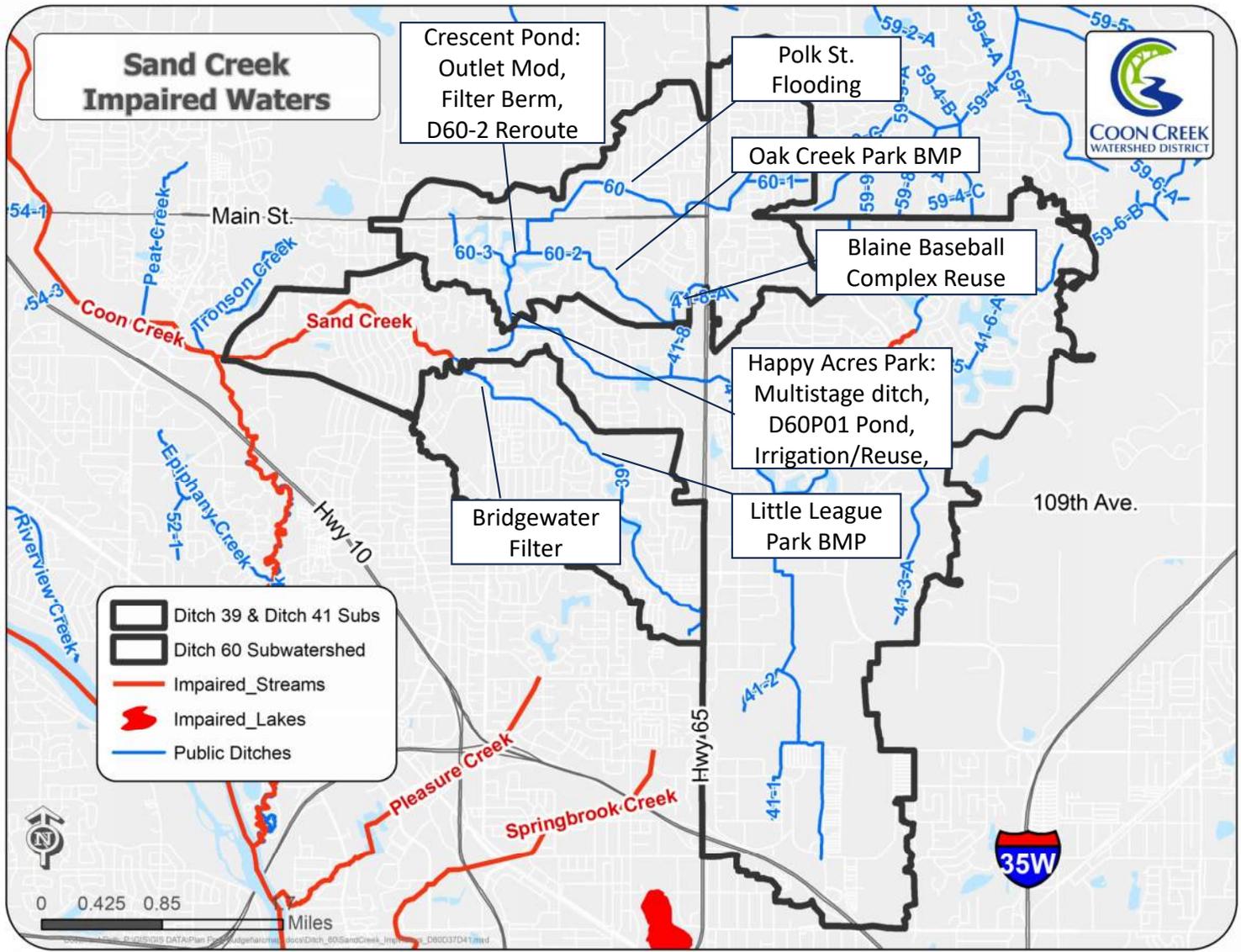
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Project Info		Responsible Parties		Cost Contribution					Timeline				
Name	Type	Lead	Involved	CCWD	Blaine	CR	HL	ACHD	2026	2027	2028	2029	2030
HAP - Multi-Purpose Ditch	Project	CCWD	Blaine	100%					\$750,000				
Crescent Pond Outlet Mod	Project	CCWD	Blaine	100%					\$50,000				
HAP - D60P01 Pond	(Design) Project	CCWD		100%						\$247,000			
	(Construct) Project	CCWD	Blaine	6%	76%	10%	3%	5%		\$742,000			
HAP - Irrigation/Reuse	Project	Blaine	CCWD	100%						\$579,000			
D60-2 Reroute	(Design) Project	CCWD	Blaine	100%							\$204,000		
	(Construct) Project	CCWD	all	6%	76%	10%	3%	5%			\$612,000		
Crescent Pond Filter Berm	(Design) Project	CCWD	Blaine	100%							\$106,000		
	(Construct) Project	CCWD	all	6%	76%	10%	3%	5%			\$319,000		
Blaine Baseball Complex Irrigation/Resuse	Project	Blaine	CCWD	100%								\$624,000	
Oak Creek Park Infiltration	Project	Blaine	CCWD	100%									\$648,000
Polk St. Flooding Investigation	Activity	CCWD	Blaine	100%					\$10,000				
High Resolution Bacteria Sampling	Activity	CCWD		100%						\$5,000			
Crescent Pond O&M Plan	Activity	Blaine	CCWD	100%									
Targeted Public Engagement	Activity	CCWD	all	100%					\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
TOTALS								\$815,000	\$1,578,000	\$1,246,000	\$629,000	\$653,000	





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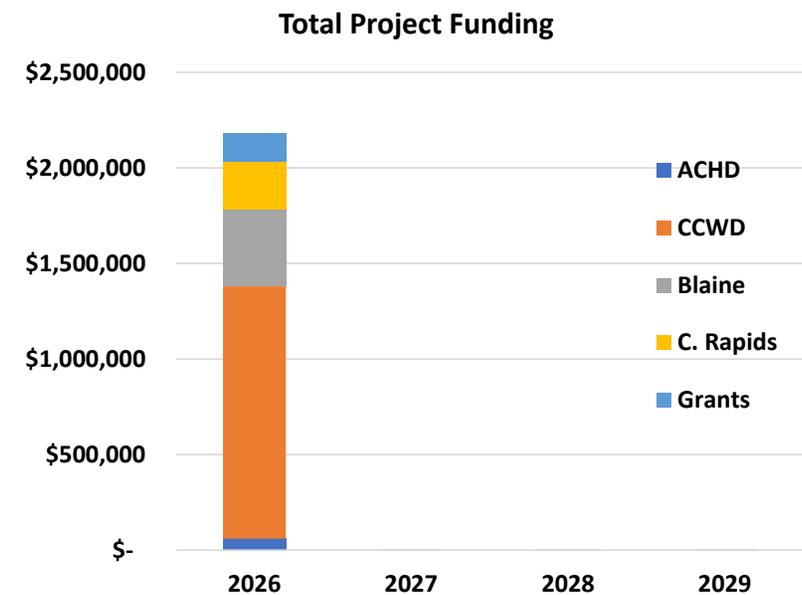
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Funding Needs (D39)

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	2026	2027	2028	2029	Total
ACHD	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
CCWD	\$ 1,320,216	\$ 3,000	\$ 3,000	\$ 3,000	\$ 1,329,216
Blaine	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000
Coon Rapids	\$ 255,000	\$ -	\$ -	\$ -	\$ 255,000
Grants	\$ 147,520	\$ -	\$ -	\$ -	\$ 147,520
Sum	\$ 2,182,736	\$ 3,000	\$ 3,000	\$ 3,000	\$ 2,191,736



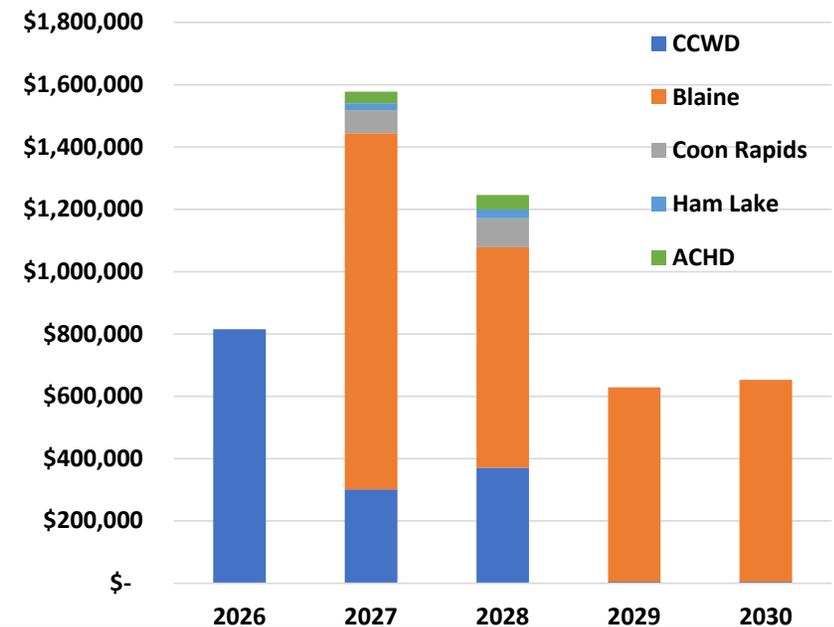
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	2026	2027	2028	2029	2030	Total
CCWD	\$ 815,000	\$ 301,520	\$ 370,860	\$ 5,000	\$ 5,000	1,497,380
Blaine	\$ -	\$ 1,142,920	\$ 707,560	\$ 624,000	\$ 648,000	3,122,480
Coon Rapids	\$ -	\$ 74,200	\$ 93,100	\$ -	\$ -	167,300
Ham Lake	\$ -	\$ 22,260	\$ 27,930	\$ -	\$ -	50,190
ACHD	\$ -	\$ 37,100	\$ 46,550	\$ -	\$ -	83,650
Total	815,000	1,578,000	1,246,000	629,000	653,000	4,921,000

Total Project Funding



Next Steps

- ✓ CCWD to provide updated finalized costs at May TAC
- ✓ Kickoff or continue 2026 project/activities



The end

