

PRESENTED BY: DILLON FATOUROS, ASSISTANT SECRETARY

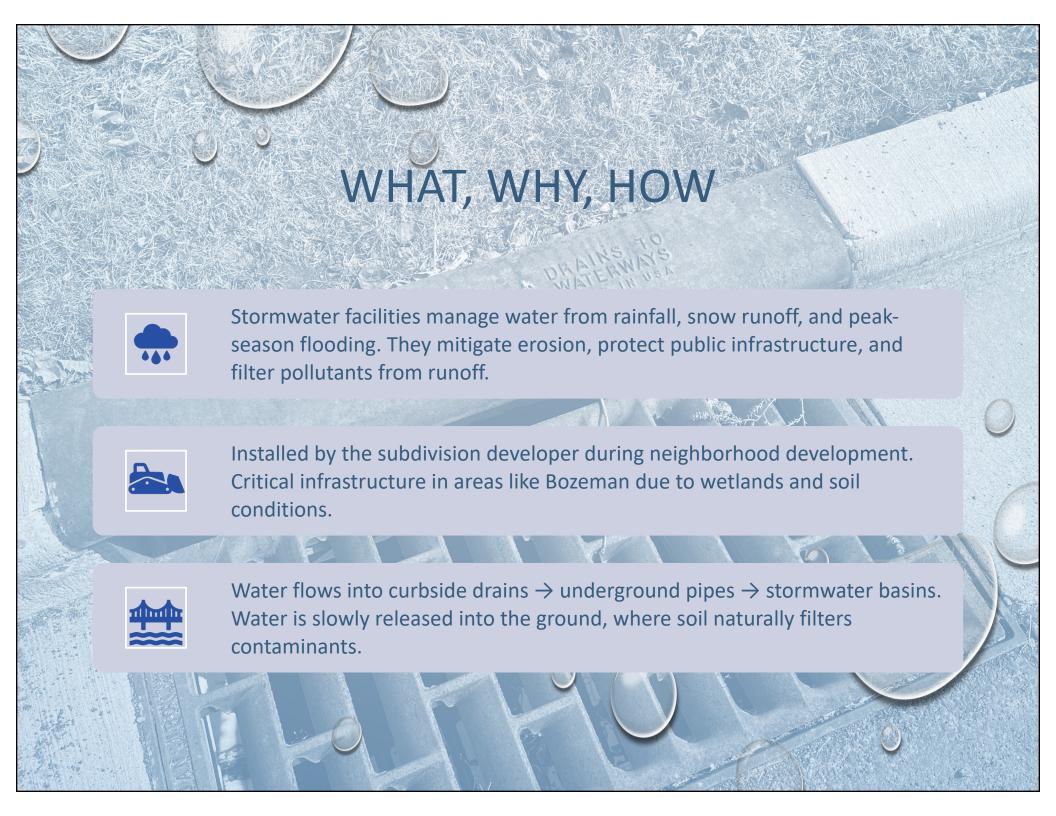
ANNUAL HOA MEETING - APRIL 8, 2025

West Winds

West Winds Master Homeowners' Association, Inc.

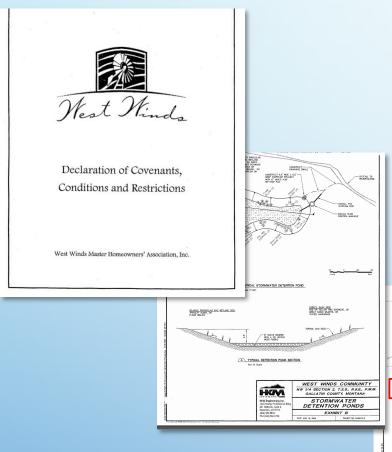
ROAD MAP

- What, Why, How
- Stormwater Regulations
- West Winds Stormwater Facility Locations
- Current Status of Facilities
- Project outline
- Budgeting and Estimated Cost
- Project overlaps
- Timeline & Goals
- Conclusion & Resources





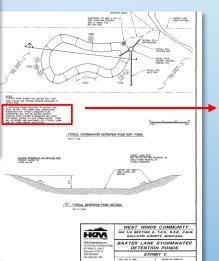
STORMWATER REGULATIONS



CC&Rs 12.9

Stormwater detention or retention facilities shall be required for all subdivisions and site plans in compliance with the current **City of Bozeman** and **Montana Department of Environmental**

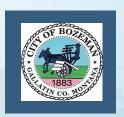
Quality regulations. Stormwater management plans shall be submitted to and approved by the Committee concurrently with the City review of subdivision and site plans. Stormwater facilities shall be designed and installed in conformance with the approved **Storm Water Investigation Report prepared by HKM Engineering, Inc.** and approved by the City of Bozeman through the **Master West Winds PUD** review process.



2. DETENTION PONDS ADJACENT TO BAXTER LANE SHALL BE DRY TYPE PONDS WITH LANDSCAPING INTEGRATED INTO STREET LANDSCAPE PLAN, STORMWATER WILL NOT BE ROUTED DIRECTLY THROUGH POND, RATHER STORMWATER WILL BACK INTO PONDS DURING 10—YEAR STORM EVENTS. POND WILL BE MOWED AND MAINTAINED AS A TYPICAL LAWN AREA BY HOME OWNERS ASSOCIATION.

STORMWATER REGULATIONS

- CITY OF BOZEMAN CODE (SEC. 40.04.720):
 - ANNUAL SELF-INSPECTION AND DOCUMENTATION
- MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ):
 - -DEQ 8 CURRENT REVISED GUIDELINES FOR MONTANA
- FEDERAL ENVIRONMENTAL PROTECTION AGENCY (EPA):
 - APPLIES TO HOA-MANAGED SYSTEMS
 - MUST MAINTAIN AND DOCUMENT ACTIVITIES FOR 5 YEARS







8 STORMWATER FACILITY LOCATIONS

West Winds HOA

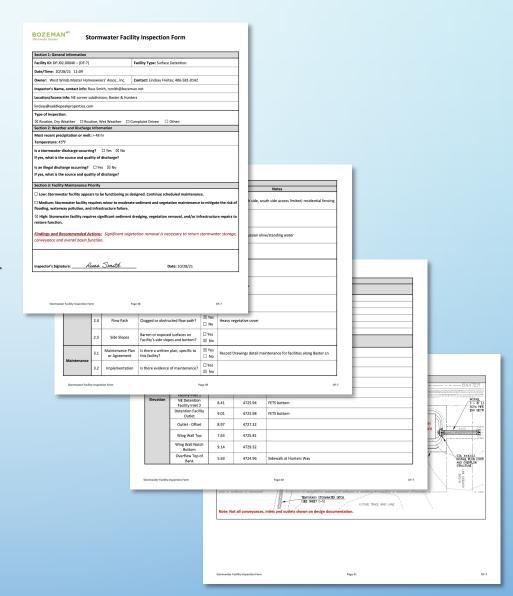
- Responsible for 8 stormwater basins
- 7 Detention Facilities (DF)
- 1 Retention Facility (RF)



CURRENT STATUS

BOZEMAN MT Stormwater Division

- **2021 city inspection** on West Winds stormwater facilities (most recent).
- No evidence of stormwater facility maintenance and reporting since their installation.
- No evidence of any maintenance preformed since the 2021 city inspection.
- Currently one of the few neighborhoods taking necessary measures to address stormwater facility issues.



CURRENT STATUS

Low

Stormwater facility appears to be functioning as designed. Continue scheduled maintenance.

Medium

Stormwater facility requires minor to moderate sediment and vegetation maintenance to mitigate the risk of flooding, waterway pollution, and infrastructure failure.

High

Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to restore function.

Out of the 8 stormwater facilities in West Winds:

- 2 Low Priority
- **0 Medium** Priority
- 6 High Priority



DEGREE OF DECAY



Stormwater Facility	Level of Decay	Level of Labor and Cost
1) DF-8	High	\$\$\$
2) DF-7	High	\$\$\$\$\$
3) DF-4.2	High	\$\$\$\$
4) DF-2A	High	\$\$\$\$
5) DF-4.1	Low	\$
6) DF-1A	Low	\$
7) DF-6	High	\$\$\$
8) RF-2B	High	\$
Total Facilities: 8	High: 6 Medium: 0 Low:2	\$ \$\$\$\$\$ Low - High

West Winds Master Homeowners' Association Stormwater Facilities Inspection Report 1) DF-8 Baxter Ln & Davis Ln PHASE 2B **Bozeman City Park** PHASE 6 PHASE 2A West Winds HOA Open Space Windward, Ave PHASE 5 --- Urban Waterway Stormwater Division PHASE 1B Storm Sewer Conveyance

1) DF-8

BOZEMAN^{MT} Stormwater Facility Inspection Form Section 1: General Information Facility ID: DP.J02.00048 - (DF-8) Facility Type: Surface Detention Date/Time: 10/28/21 10:14 Owner: West Winds Master Homeowners' Assoc., Inc. Contact: Lindsay Freitas; 406-581-0142 Inspector's Name, contact info: Russ Smith, rsmith@bozeman.net Location/Access info: NW subdivision; Baxter Ln & Davis Ln lindsay@saddlepeakproperties.com ☑ Routine, Dry Weather ☐ Routine, Wet Weather ☐ Complaint Driven ☐ Other: Section 2: Weather and Discharge Information Temperature: 43°F Is a stormwater discharge occurring? ☐ Yes ☒ No If yes, what is the source and quality of discharge? Is an illegal discharge occurring? ☐ Yes ☒ No If yes, what is the source and quality of discharge? Section 3: Facility Maintenance Priority ☐ Low: Stormwater facility appears to be functioning as designed. Continue scheduled maintenance ☐ Medium: Stormwater facility requires minor to moderate sediment and vegetation maintenance to mitigate the risk of ☑ High: Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to Findings and Recommended Actions: Hand clearing around detention facility inlets, outlets and outfalls is ecommended. Continued mowing of facility is advisable. Inspector's Signature: Russ Smith Date: 10/28/21

High

Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to restore function.

Est. Mitigation Cost:

\$11,130



Image 1
Detention Facility 8, overview looking west





Inlets at west end of detention facility, partially clogged with sediment



Image 3

Detention Facility outlet; inhibited flow and vegetation growth.



West Winds Master Homeowners' Association Stormwater Facilities Inspection Report 2) DF-7 **DF-7** Baxter Ln & Windward Ave PHASE 2B **Bozeman City Park** PHASE 6 PHASE 2A West Winds HOA Open Space **Hunters Way** PHASE 5 --- Urban Waterway Stormwater Division PHASE 1B Storm Sewer Conveyance

2) DF-7

BOZEMAN^{MT}

Stormwater Facility Inspection Form

FIII ID- DD 103 00046 (DE 7)	Facility Towns Confess Detaution
Facility ID: DP.J02.00046 – (DF-7)	Facility Type: Surface Detention
Date/Time: 10/28/21 11:09	
Owner: West Winds Master Homeowners' Assoc., Inc.	Contact: Lindsay Freitas; 406-581-0142
Inspector's Name, contact info: Russ Smith, rsmith@boze	eman.net
Location/Access info: NE corner subdivision; Baxter & Hu	nters
lindsay@saddlepeakproperties.com	
Type of Inspection: ☑ Routine, Dry Weather ☐ Routine, Wet Weather ☐	Complaint Driven
Section 2: Weather and Discharge Information	
Most recent precipitation or melt: > 48 hr	
Temperature: 45°F	
Is a stormwater discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Is an illegal discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Section 3: Facility Maintenance Priority	
☐ Low: Stormwater facility appears to be functioning as	designed. Continue scheduled maintenance.
☐ Low: Stormwater facility appears to be functioning as	- rate sediment and vegetation maintenance to mitigate the risk o
☐ Low: Stormwater facility appears to be functioning as ☐ Medium: Stormwater facility requires minor to moder flooding, waterway pollution, and infrastructure failure.	rate sediment and vegetation maintenance to mitigate the risk o
□ Low: Stormwater facility appears to be functioning as □ Medium: Stormwater facility requires minor to moder flooding, waterway pollution, and infrastructure failure. ☑ High: Stormwater facility requires significant sedimen restore function.	- rate sediment and vegetation maintenance to mitigate the risk o
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□ Low: Stormwater facility appears to be functioning as □ Medium: Stormwater facility requires minor to moder flooding, waterway pollution, and infrastructure failure. ☑ High: Stormwater facility requires significant sedimen restore function. Findings and Recommended Actions: Significant ver conveyance and overall basin function.	are assediment and vegetation maintenance to mitigate the risk or the dredging, vegetation removal, and/or infrastructure repairs t getation removal is necessary to return stormwater storage
□ Low: Stormwater facility appears to be functioning as □ Medium: Stormwater facility requires minor to moder flooding, waterway pollution, and infrastructure failure. ☑ High: Stormwater facility requires significant sedimen restore function. Findings and Recommended Actions: Significant vegonveyance and overall basin function.	are assediment and vegetation maintenance to mitigate the risk or the dredging, vegetation removal, and/or infrastructure repairs t getation removal is necessary to return stormwater storage



Image 1
View from interior of detention facility looking east



Severe overgrowth at slotted concrete weir, near detention facility outlet



Image 2
Detention Facility Inlet from the west



Image 4
Detention facility outflow FETS

High

Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to restore function.

Est. Mitigation Cost:

\$38,580



West Winds Master Homeowners' Association Stormwater Facilities Inspection Report 3) DF-4.2 Tschache Ln & Santa Ana Ct PHASE 2B **Bozeman City Park** PHASE 6 PHASE 2A West Winds HOA Open Space PHASE 5 --- Urban Waterway Stormwater Division PHASE 1B Storm Sewer Conveyance

3) DF-4.2

BOZEMAN^{MT}

Stormwater Facility Inspection Form

Facility ID: DP.J02.00021 – (DF-4.2)	Facility Type: Surface Detention
Date/Time: 10/27/21 14:35	
Owner: West Winds Master Homeowners' Assoc., Inc	Contact: Lindsay Freitas; 406-581-0142
Inspector's Name, contact info: Russ Smith, rsmith@bozeman.net	
Location/Access info: Southern end Tschache Rd between	Santa Anna Ct & Hunters Way
lindsay@saddlepeakproperties.com	
Type of Inspection: ☑ Routine, Dry Weather ☐ Routine, Wet Weather ☐	Complaint Driven
Section 2: Weather and Discharge Information	
Most recent precipitation or melt: < 48 hrs; 0.6" Temperature: 50°F	
Is a stormwater discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Is an illegal discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Section 3: Facility Maintenance Priority	
☐ Low: Stormwater facility appears to be functioning as	designed. Continue scheduled maintenance.
	•
☐ Medium: Stormwater facility requires minor to moder. flooding, waterway pollution, and infrastructure failure.	designed. Continue scheduled maintenance. ate sediment and vegetation maintenance to mitigate the risk o t dredging, vegetation removal, and/or infrastructure repairs to
☐ Medium: Stormwater facility requires minor to moder flooding, waterway pollution, and infrastructure failure. ☑ High: Stormwater facility requires significant sedimen restore function. ☐ High restore function. ☐ High restore function. ☐ High restore function is the facility had been a decended around the inlet pipe and the crossing culvert in one form the significant sediment and the crossing culvert in one form the facility had been a decended around the inlet pipe and the crossing culvert in one facility had been a facility than the crossing culvert in one facility had been a facility for the facility had been a facility for the facility facility for the facility facility for the facility facility for the facility fac	ate sediment and vegetation maintenance to mitigate the risk of t dredging, vegetation removal, and/or infrastructure repairs to ss both an inlet ditch and detention feature. The ditch should be dred to generally maintain conveyance to the larger facility to the spee, along with regular mowing will restore stormwater function.



Detention Facility 'forebay' closest to Tschache Rd inlet



Facility culvert (down-gradient end), arrow pointing to culvert location



Detention Facility Inlet from Tschache Rd to 'forebay'





Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to restore function.

Est. Mitigation Cost:

\$30,325



West Winds Master Homeowners' Association Stormwater Facilities Inspection Report 4) DF-2A Tschache Ln & Buckrake Ave PHASE 2B **Bozeman City Park** PHASE 6 PHASE 2A West Winds HOA Open Space PHASE 5 --- Urban Waterway Stormwater Division PHASE 1B Storm Sewer Conveyance

4) DF-2A

BOZEMAN Stormwater Division

Stormwater Facility Inspection Form

Section 1: General Information	
Facility ID: DP.J02.00006 – (DF-2A)	Facility Type: Surface Detention
Date/Time: 10/27/21 13:58	
Owner: West Winds Master Homeowners' Assoc., Inc.	Contact: Lindsay Freitas; 406-581-0142
Inspector's Name, contact info: Russ Smith, rsmith@bozen	nan.net
Location/Access info: East of Buckrake Ave between Tschae	che Ln and Breeze Ln
lindsay@saddlepeakproperties.com	
Type of Inspection:	
oximes Routine, Dry Weather $oximes$ Routine, Wet Weather $oximes$ C	Complaint Driven
Section 2: Weather and Discharge Information	
Most recent precipitation or melt: <48 hr - 0.6"	
Temperature: 48°F	
Is a stormwater discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Is an illegal discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Section 3: Facility Maintenance Priority	
☐ Low: Stormwater facility appears to be functioning as d	esigned. Continue scheduled maintenance.
☐ Medium: Stormwater facility requires minor to moderate flooding, waterway pollution, and infrastructure failure.	te sediment and vegetation maintenance to mitigate the risk of
$\ensuremath{\boxtimes}$ High: Stormwater facility requires significant sediment restore function.	dredging, vegetation removal, and/or infrastructure repairs to
	acility's inlets and outlets should be cleared to retain hydroulid etation clearing will make future maintenance more practicable. needed before machinery can be used in this facility.
Inspector's Signature: Russ Smith	Date: <u>10/27/21</u>



Image 1
Detention Facility 2A Overview – note abundance of willow



Image 3
Detention Facility Outlet



Image 2 Detention Facility Inlet



Image 4
Detention Facility Outfall

High

Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to restore function.

Est. Mitigation Cost:

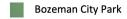
\$23,780

West Winds Master Homeowners' Association Stormwater Facilities Inspection Report



5) DF-4.1

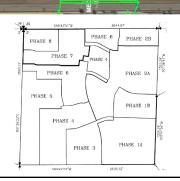
Hunters Way & Breeze Ln



West Winds HOA Open Space

--- Urban Waterway

Storm Sewer Conveyance



BOZEMAN"

Stormwater Division

5) DF-4.1

BOZEMAN^{MT}

Stormwater Facility Inspection Form

Date/Time: 10/27/2021 13:23 Owner: West Winds Master Homeowners' Assoc., Inc. Date/Time: 10/27/2021 13:23 Owner: West Winds Master Homeowners' Assoc., Inc. Inspector's Name, contact info: Russ Smith, rsmith@bozeman.net Location/Access info: N end, Breeze Ln between Hunters Way and Buckrake Ave lindsay@saddlepeakproperties.com Type of Inspection: @ Routine, Dry Weather	Facility ID: DP.J02.00020 - (DF-4.1)	Facility Type: Surface Detention
Owner: West Winds Master Homeowners' Assoc., Inc. Contact: Lindsay Freitas; 406-581-0142 Inspector's Name, contact info: Russ Smith, rsmith@bozeman.net Location/Access info: N end, Breeze Ln between Hunters Way and Buckrake Ave lindsay@saddlepeakproperties.com Type of Inspection: Routine, Dry Weather Routine, Wet Weather Complaint Driven Other: Section 2: Weather and Discharge Information Most recent precipitation or melt: < 48 hrs 0.6" Temperature: 48°F Is a stormwater discharge occurring? Yes No If yes, what is the source and quality of discharge? Is an illegal discharge occurring? Yes No If yes, what is the source and quality of discharge? Section 3: Facility Maintenance Priority Low: Stormwater facility appears to be functioning as designed. Continue scheduled maintenance. Medium: Stormwater facility requires minor to moderate sediment and vegetation maintenance to mitigate the rio fflooding, waterway pollution, and infrastructure failure. High: Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs restore function. Findings and Recommended Actions: Minor hand clearing of vegetation within detention facility needed. Clearing sediment near and around facility inlets and outlets needed.	, ,	racinty Type. Surface Detention
Inspector's Name, contact info; Russ Smith, rsmith@bozeman.net Location/Access info: N end, Breeze Ln between Hunters Way and Buckrake Ave lindsay@saddlepeakproperties.com Type of Inspection: @ Routine, Dry Weather		
Location/Access info: N end, Breeze Ln between Hunters Way and Buckrake Ave lindsay@saddlepeakproperties.com Type of Inspection: @ Routine, Dry Weather	Owner: West Winds Master Homeowners' Assoc., Inc.	Contact: Lindsay Freitas; 406-581-0142
lindsay@saddlepeakproperties.com Type of Inspection:	Inspector's Name, contact info: Russ Smith, rsmith@bozer	nan.net
Type of Inspection: Routine, Dry Weather Routine, Wet Weather Complaint Driven Other: Section 2: Weather and Discharge Information Most recent precipitation or melt: < 48 hrs 0.6" Temperature: 48°F Is a stormwater discharge occurring? Yes No If yes, what is the source and quality of discharge? Is an illegal discharge occurring? Yes No If yes, what is the source and quality of discharge? Section 3: Facility Maintenance Priority Low: Stormwater facility appears to be functioning as designed. Continue scheduled maintenance. Medium: Stormwater facility requires minor to moderate sediment and vegetation maintenance to mitigate the rio of flooding, waterway pollution, and infrastructure failure. High: Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs restore function. Findings and Recommended Actions: Minor hand clearing of vegetation within detention facility needed. Clearing sediment near and around facility inlets and outlets needed.	Location/Access info: N end, Breeze Ln between Hunters Way and Buckrake Ave	
Routine, Dry Weather	lindsay@saddlepeakproperties.com	
Section 2: Weather and Discharge Information Most recent precipitation or melt: < 48 hrs 0.6" Temperature: 48°F s a stormwater discharge occurring?	Type of Inspection:	
Most recent precipitation or melt: <48 hrs 0.6" Temperature: 48°F Is a stormwater discharge occurring?	⊠ Routine, Dry Weather □ Routine, Wet Weather □	Complaint Driven
Temperature: 48°F Is a stormwater discharge occurring?	Section 2: Weather and Discharge Information	
Is a stormwater discharge occurring?		
If yes, what is the source and quality of discharge? Is an illegal discharge occurring?	Temperature: 48°F	
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If yes, what is the source and quality of discharge? Section 3: Facility Maintenance Priority Low: Stormwater facility appears to be functioning as designed. Continue scheduled maintenance. Medium: Stormwater facility requires minor to moderate sediment and vegetation maintenance to mitigate the rio flooding, waterway pollution, and infrastructure failure. High: Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs restore function. Findings and Recommended Actions: Minor hand clearing of vegetation within detention facility needed. Clearing sediment near and around facility inlets and outlets needed.	If yes, what is the source and quality of discharge?	
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Findings and Recommended Actions: Minor hand clearing of vegetation within detention facility needed. Clearing sediment near and around facility inlets and outlets needed.	☐ High: Stormwater facility requires significant sediment	dredging, vegetation removal, and/or infrastructure repairs to
sediment near and around facility inlets and outlets needed.	restore function.	
sediment near and around facility inlets and outlets needed.	Findings and Perammended Actions: Miner hand cla	aring of vacatation within datastion facility paeded. Clearing o
0 5 4		
Inspector's Signature: Russ Smith Date: 10/27/21		
Inspector's Signature: Russ Smith Date: 10/27/21		
Inspector's Signature: KUSS \(\) Math \(\) Date: \(\) 10/27/21		
	1 8 4/	D-1 10/27/21
	Inspector's Signature: Russ Smith	Date: 10/2//21



Image 1
Detention Facility 4.1 - Overview looking north



Detention Facility Outlet showing sediment accumulation



Image 2
Detention Facility Inlet showing sediment accumulation



Detention Facility Outfall with vegetation and sediment accumulation

Low

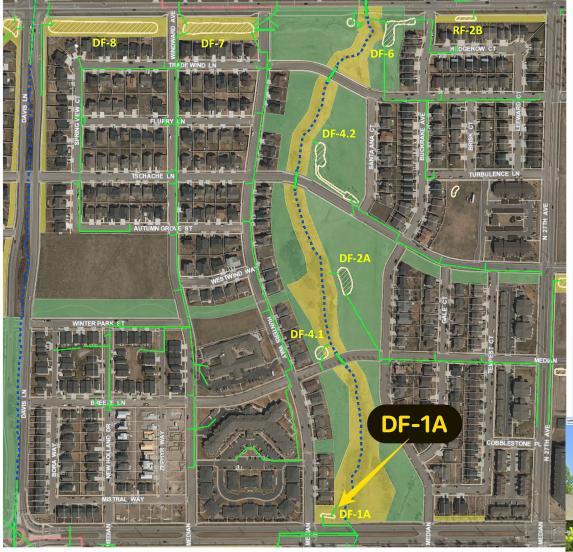
Stormwater facility appears to be functioning as designed. Continue scheduled maintenance.

Est. Mitigation Cost:

\$2,690



West Winds Master Homeowners' Association Stormwater Facilities Inspection Report



6) DF-1A

W Oak St & Hunters Way

Bozeman City Park

West Winds HOA Open Space

--- Urban Waterway

Storm Sewer Conveyance



BOZEMAN^{MT}

Stormwater Division

6) DF-1A

BOZEMAN^{MT}

Stormwater Facility Inspection Form

Facility ID: DP.J02.00005 – (DF-1A)	Facility Type: Surface Detention
Date/Time: 10/27/2021	1
Owner: West Winds Master Homeowners' Assoc., Inc.	Contact: Lindsay Freitas; 406-581-0142
Inspector's Name, contact info: Russ Smith, rsmith@bozer	nan.net
Location/Access info: Hunters Way & Oak St	
lindsay@saddlepeakproperties.com	
Type of Inspection: ⊠ Routine, Dry Weather □ Routine, Wet Weather □ Section 2: Weather and Discharge Information	Complaint Driven
Most recent precipitation or melt: < 48 hrs – 0.6"	
Temperature: 48°F	
Is a stormwater discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Is an illegal discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
If yes, what is the source and quality of discharge? Section 3: Facility Maintenance Priority	designed. Continue scheduled maintenance.
If yes, what is the source and quality of discharge? Section 3: Facility Maintenance Priority ⊠ Low: Stormwater facility appears to be functioning as o	ate sediment and vegetation maintenance to mitigate the ris
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Image 1
Detention facility overview looking east



Outlet pipe within detention facility showing willow growth encroachment



Image 2 Overgrown grass at facility inlet



Image 4
Vegetation growth at facility outfall



Stormwater facility appears to be functioning as designed. Continue scheduled maintenance.

Est. Mitigation Cost:

\$3,560.00



West Winds Master Homeowners' Association Stormwater Facilities Inspection Report 7) DF-6 Baxter Ln & Buckrake Ave PHASE 2B **Bozeman City Park** PHASE 6 PHASE 2A West Winds HOA Open Space PHASE 5 --- Urban Waterway Stormwater Division PHASE 1B Storm Sewer Conveyance

7) DF-6

BOZEMAN^{MT}

Stormwater Facility Inspection Form

Facility ID: DP.J02.00022 – (DF-6)	Facility Type: Surface Detention	
Date/Time: 11/3/21 10:06		
Owner: West Winds Master Homeowners' Assoc., Inc.	Contact: Lindsay Freitas; 406-581-0142	
Inspector's Name, contact info: Russ Smith, rsmith@bozen	nan.net	
Location/Access info: South of Baxter Ln @ West of Buckra	ke Ave	
lindsay@saddlepeakproperties.com		
Type of Inspection: ☑ Routine, Dry Weather ☐ Routine, Wet Weather ☐ Compared to the compared	Complaint Driven Other:	
Section 2: Weather and Discharge Information		
Most recent precipitation or melt: > 48 hrs Temperature: 36°F		
be flowing outside the inlet pipe). The groundwater is clear as it leaves the detention facility. Is an illegal discharge occurring? Yes No If yes, what is the source and quality of discharge?		
If yes, what is the source and quality of discharge? Section 3: Facility Maintenance Priority		
Section 3: Facility Maintenance Priority Low: Stormwater facility appears to be functioning as d Medium: Stormwater facility requires minor to moderat flooding, waterway pollution, and infrastructure failure.	esigned. Continue scheduled maintenance. te sediment and vegetation maintenance to mitigate the risk o dredging, vegetation removal, and/or infrastructure repairs to	
Section 3: Facility Maintenance Priority Low: Stornwater facility appears to be functioning as d Medium: Stornwater facility requires minor to moderat flooding, waterway pollution, and infrastructure failure. High: Stornwater facility requires significant sediment restore function. Findings and Recommended Actions: This detention for water. Groundwater is following the outside of the pipe an	te sediment and vegetation maintenance to mitigate the risk of dredging, vegetation removal, and/or infrastructure repairs to the control of	



Image 1
Overview of detention facility looking west



Image 3
Southern detention facility inlet, water flowing into basin from around and outside of pipe



Image 2
Overview of detention facility looking northeast



Image 4
Detention facility outlet; flowing water



High

Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to restore function.

Est. Mitigation Cost:

\$17,400

West Winds Master Homeowners' Association Stormwater Facilities Inspection Report 8) RF-2B Baxter Ln & Buckrake Ave PHASE 2B **Bozeman City Park** PHASE 6 PHASE 2A West Winds HOA Open Space PHASE 5 --- Urban Waterway Stormwater Division PHASE 1B Storm Sewer Conveyance

8) RF-2B

BOZEMAN^{MT}

Stormwater Facility Inspection Form

Section 1: General Information	
Facility ID: DP.J02.00029 – (RF-2B)	Facility Type: Surface Retention
Date/Time: 11/3/21 10:47	
Owner: West Winds Master Homeowners' Assoc., Inc.	Contact: Lindsay Freitas; 406-581-0142
Inspector's Name, contact info: Russ Smith, rsmith@bozer	nan.net
Location/Access info: South of Baxter Ln, east of Buckrake	Ave
lindsay@saddlepeakproperties.com	
Type of Inspection: ☑ Routine, Dry Weather ☐ Routine, Wet Weather ☐ G	Complaint Driven
Section 2: Weather and Discharge Information	
Most recent precipitation or melt: > 48hrs Temperature: 37°F	
Is a stormwater discharge occurring? ☐ Yes ☒ No	
If yes, what is the source and quality of discharge?	
Is an illegal discharge occurring? ☐ Yes ☑ No If yes, what is the source and quality of discharge?	
Section 3: Facility Maintenance Priority	
\square Low: Stormwater facility appears to be functioning as σ	esigned. Continue scheduled maintenance.
☐ Medium: Stormwater facility requires minor to modera flooding, waterway pollution, and infrastructure failure.	te sediment and vegetation maintenance to mitigate the risk of
oxtimes High: Stormwater facility requires significant sediment restore function.	dredging, vegetation removal, and/or infrastructure repairs to
volume and there is a high risk of conveyance pluggin	vergrowth of cattails has constricted stormwater storage g at the pipe flowing in to the facility. Retention ponds do infiltration. Sediment and excessive vegetation should be



Image 1
Retention Facility 2B overview looking west



Image 2
Retention Facility inlet from Baxter Ln; more than ½ filled with sediment

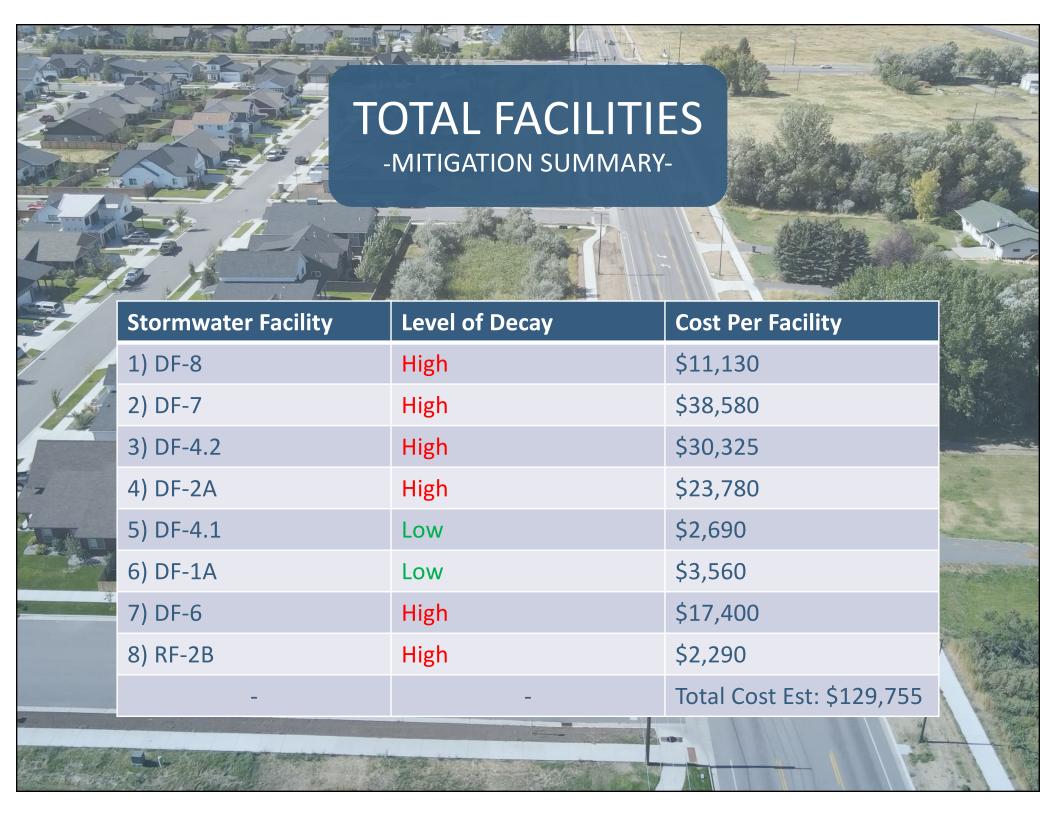


High

Stormwater facility requires significant sediment dredging, vegetation removal, and/or infrastructure repairs to restore function.

Est. Mitigation Cost:

\$2,290



PROJECT OUTLINE

-Project Scope, Costs, and Management Risks-

Scope: 8 Stormwater Facilities in West Winds HOA – Maintenance & Mitigation

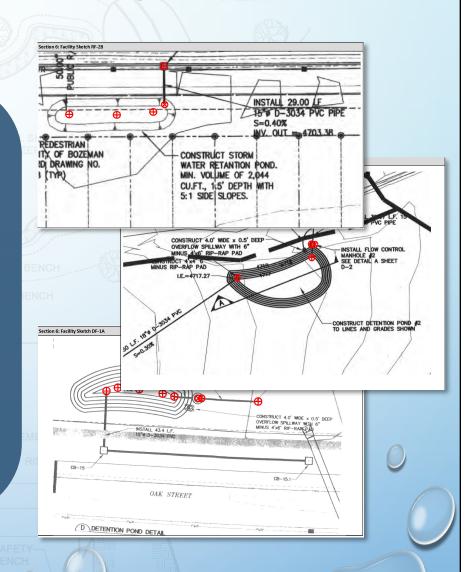
Original Estimated Costs: \$200-250K; up to \$1M

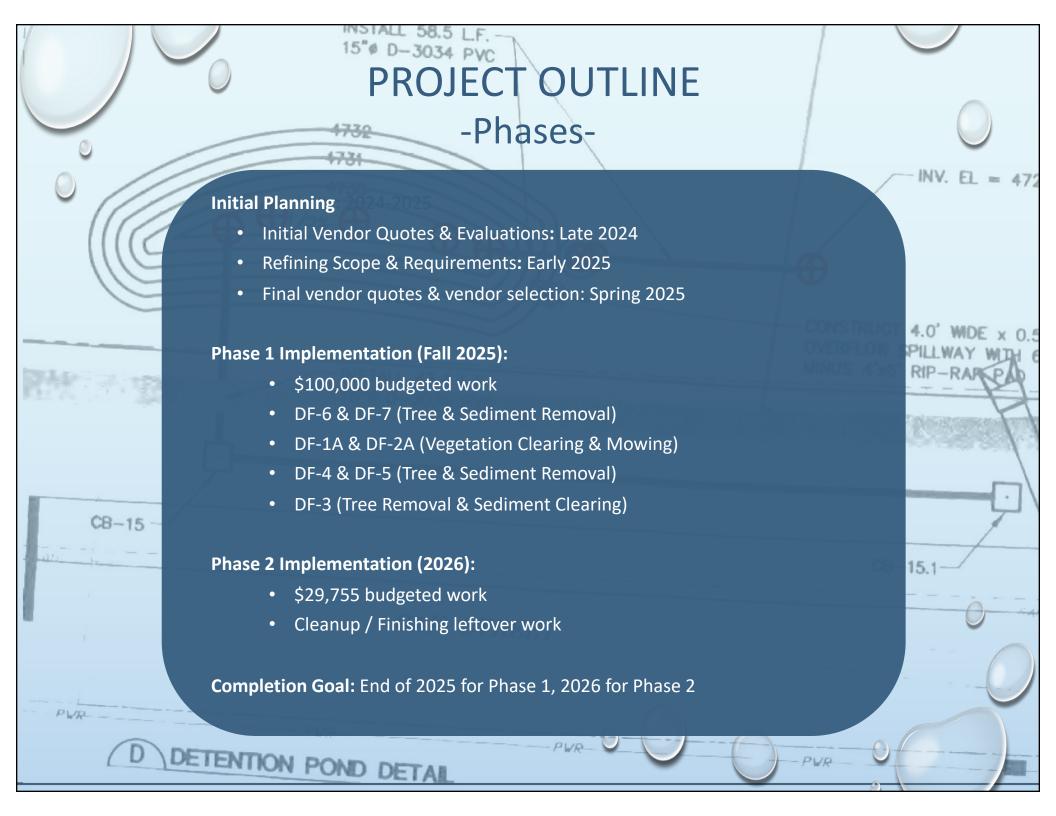
Board/Member Time: ~400 volunteer hours (10 Weeks)

Risk Management: property boundaries, park areas, Legal, contractual, toxicity, liability issues

Funding & Investments: Researched grants, collaborating with Trout Unlimited/GWC to lower costs

2025 Budget: \$130,000 total (Stormwater Maintenance: \$5,000; Major Repairs: \$125,000 - Reserve Funds)





BUDGETING & ESTIMATED COST

2025 Budget:

Storm Drain \$5,000

Maintenance: \$125,000

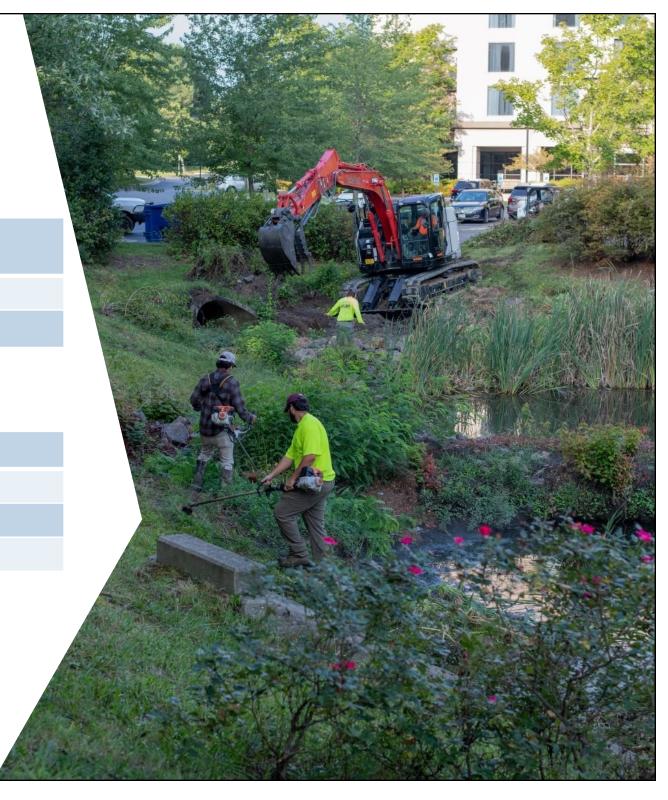
Total: \$130,000

Estimated Cost:

Total Cost:	\$129,755
- Tree Removal:	\$76,300
- Vegetation	\$16,855
- Sediment	\$33,970

PHASE-BASED APPROACH:

- \$100K IN 2025
- \$29.7K IN 2026





TIMELINE & GOALS





CONCLUSION & RESOURCES

- Scan the QR code to access the West Winds HOA Website for more information and future updates.
- Or visit the website using the link: www.westwindshoabozeman.org