Mitigation Monitoring Annual Report Year 2 (2025): Dairy Creek Mitigation Bank

1: *Dairy Creek Mitigation Bank* Identifiers:

DSL Permit # 61846RF Corps Permit # NWP-2019-127 Permittee: DCMB, LLC
County: Washington
Report Date: October 3, 2025
Monitoring Year: 2
Date Removal-Fill Activity Completed: N/A mitigation bank
Date mitigation was completed: September 2023
Date(s) of data collection: multiple dates in June 2025
Report prepared by: C. Jonas Moiel

2: Monitoring Report Purpose:

This monitoring report is for a project that includes: (check all that apply):

- ❑ Compensatory **freshwater, non-tidal** wetland mitigation for permanent wetland impacts.
- ❑ Compensatory **estuarine** wetland mitigation for permanent wetland impacts.
- ❑ **Only non-wetland** compensatory mitigation.
- ❑ **Only** mitigation for **temporary** impacts that had a monitoring requirement.
- ❑ **Voluntary** wetland enhancement, creation or restoration (General authorization or individual permit) not funded with money from DSL's wetland mitigation fund.
- ❑ Voluntary wetland enhancement, creation or restoration (General authorization or individual permit) funded with money from DSL's **wetland mitigation fund**.
- **X** **Mitigation Bank** Report
- ❑ Other _____

3: Results:

	Performance standards (verbatim from permit)	Fully Met? (Y/N)	Comments/Reason for shortfall (mark NA if doesn't apply this year)
VEGETATION PERFORMANCE STANDARDS			
Herbaceous (PEM) Wetlands			
1.1	The standard for native cover for Year 1 shall be 40%; Year 2 shall be 50%; and Year 3 and thereafter shall be 60%.	Y	Average cover of native species in 30 sample plots in PEM habitat class for Year 2 was 50%. At an 80% confidence level, the upper confidence interval (CI) was 57% and the lower CI was 43%. This meets Year 2 standard.
1.2	The cover of non-native invasive species during the 1st and 2nd years shall not exceed 30%. For Year 3 and thereafter, the non-native invasive cover shall not exceed 10%.	Y	Average cover of invasive species in the PEM class for Year 2 rounded to 2%. At an 80% confidence level, the upper confidence interval (CI) was 4% and the lower CI was 1%. This meets the Year 2 standard.

1.3	Bare substrate represents no more than 20% cover by the 3rd year after planting and thereafter.	n/a	Not applicable in Year 2. However, the bare ground in PEM averaged 14%, which is meeting the Year 3 standard.
1.4	The standard for diversity in herbaceous wetlands is at least 6 native species, or groupings of native species, each with 5% or more average cover in the herbaceous wetlands by the 3rd year after planting and thereafter.	n/a	Not applicable in Year 2. Four native species met the diversity criteria in Year 2.
1.5	The hydrophytic vegetation standard is that the Prevalence Index is $\leq$ 3.0 and/or the vegetation passes the "50/20 rule" for dominance of hydrophytic vegetation.	Y	The average rounded Prevalence Index (PI) for the habitat class this year was 3 (FAC). This meets the final standard.
Forested (PFO) Wetlands, Shrub dominated (PSS) Wetlands, and Buffers			
2.1	The combined cover of native species for Year 1 shall be 40%; Year 2 shall be 50%; and Year 3 and thereafter shall be 60%.	PFO: Y PSS: Y Buffer: Y	**PFO:** Average native cover in the herbaceous plots was 58% (CI range: 51%-66%). There was an average of 11% cover of native woody species (CI range: 10%-12%). The combined native cover is **69%.** **PSS:** Average native cover in the herbaceous plots was 87% (CI range: 82%-91%). There was an average of 10% cover of native woody species (CI range: 9%-12%). The combined native cover is **97%.** **Buffer:** Average native cover in the herbaceous plots was 81% (CI range: 75%-87%). There was an average of 11% cover of native woody species (CI range: 10%-11%). The combined native cover is **92%.**
2.2	The combined cover of non-native invasive species will not exceed 30% by Year 3 and thereafter.	PFO:Y PSS:Y Buffer: Y	**PFO:** The average cover of invasives in the herb plots rounded to 3% (CI range: 0%-5%). The average invasive cover in the woody plots rounds to 0% (CI range: 0%-0%). **PSS:** The average cover of invasives in the herb plots rounded to 0% (CI range: 0%-0%). The average invasive cover in the woody plots rounds to 0% (CI range: 0%-0%). **Buffer:** The average cover of invasives in the herb plots rounded to 1% (CI range: 0%-1%). The average invasive cover in the woody plots rounds to 0% (CI range: 0%-0%).
2.3	Bare substrate represents no more than 20% cover by the 3rd year, unless the tree/shrub canopy cover (shade) is greater than 70% in which case there is no bare ground standard.	PFO: n/a PSS: n/a Buffer: n/a	**PFO**: Not applicable in Year 2. Bare ground averaged 10%. **PSS:** Not applicable in Year 2. Bare ground averaged 8%. **Buffer:** Not applicable in Year 2. Bare ground averaged 8%.
2.4	By Year 3 and thereafter, there are at least 6 different native species or groupings of native species. To qualify, a species must have at least 5% average cover in the habitat class.	PFO: n/a PSS: n/a Buffer: n/a	**PFO:** Not applicable at Year 2. Four species met the diversity standard in the herbaceous layer. **PSS**: Not applicable at Year 2. Four species met the diversity standard in the herbaceous layer. **Buffer:** Not applicable at Year 2. Six species met the diversity standard in the herbaceous layer.

2.5	The density of woody vegetation is at least 1,600 native plants (shrubs) and/or stems (trees) per acre, including native volunteers and seedlings, and will have a trend of increasing canopy cover. After the aerial canopy cover (***including*** shrub cover) is 50% or greater, there will be no minimum number of plants/stems.	PFO: Y PSS: Y Buffer: Y	**PFO:** There was an average of 1,834 plants or stems/acre. Average percent woody cover was 11% (CI Range: 10%-12%). **PSS:** There was an average of 1,930 plants or stems/acre. Average percent woody cover was 10% (CI Range: 9%-12%). **Buffers:** There was an average of 1,910 plants or stems/acre. Average percent woody cover was 11% (CI Range: 10%-11%).
2.6	The hydrophytic vegetation standard for PSS and PFO wetlands is that the Prevalence Index is $\leq$ 3.0 and/or the vegetation passes the "50/20 rule" for dominance of hydrophytic vegetation.	PFO: Y PSS: Y Buffer: n/a	**PFO:** The Prevalence index in the herb layer averaged 3 (FAC), and in the woody layer averaged 2 (FACW). **PSS:** The Prevalence index in the herb layer averaged 2 (FACW), and in the woody layer averaged 2 (FACW).
Stream Mitigation: Riparian Standards for Annual and Biennial "Wet Zones"			
4.1	Riparian Vegetation Annual "Wet Zone": Native cover and bare ground standards do not apply to the "wet zone" within the W. Fork Dairy Creek and constructed channels, or approximately equivalent to elevations less than or equal to 191 feet. Non-native invasive species defined in Section 9.1 (of MBI) will not exceed 30% in Years 1 and 2, and not exceed 20% for Years 3 and thereafter (same as Standard 1.2).	Y	Native cover and bare ground standards do not apply to this zone, but the native cover averaged 72% and bare ground averaged 20%. Non-native invasive species cover averaged 3% (CI range: 1%-4%).
4.2	Riparian Vegetation Biennial "Semi-Wet Zone": The "Semi-Wet Zone" is defined as the area between the approximate annual inundation event elevation and 2-Year recurrence flood event elevation, and will begin at the lowest elevation where hydrophytic trees and shrubs can establish. The vegetative performance standards for the "Semi-Wet Zone" are the same as Performance Standards 2.1-2.6 for PSS and PFO wetlands.	Native cover: Y Invasive cover: Y Bare substrate: N/A Diversity: N/A Woody Standard: Y Hydrophytic: Y	**Native Cover (2.1):** Herbaceous native cover averaged 65% (CI range: 59%-70%); woody native cover averaged 6% (CI range 6%-7%). The combined native cover total is **71%.** **Invasive Cover (2.2):** Invasive herbaceous species averaged 1% (CI range: 1%-2%). Invasive woody species averaged 0% (CI range: 0%-0%). **Bare Substrate (2.3):** Not applicable at Year 2. Bare substrate averaged 23%. **Diversity (2.4):** Not applicable at Year 2. Four species met the diversity criteria. **Woody Density/ Cover (2.5):** There was an average of 3,434 plants or stems/acre. Average woody cover was 6% (PI range: 6%-7%). **Hydrophytic Vegetation (2.6):** The Prevalence index in the herb layer averaged 2 (FACW), and in the woody layer averaged 2 (FACW).

Notes: All the above cover percentages represent absolute areal cover. In all cases, the "Year" refers to the number of years after ***that portion of the site*** was first planted. Bare substrate includes areas of bare soil and areas covered by moss, water, or dead herbaceous plants.

4: Further Actions:

Remedial work recommended	Yes ☐	No ☒
Deed Restriction or other protection instrument attached	Yes ☐	No ☒
Final Monitoring Report?	Yes ☐	No ☒
Requesting release or partial release of financial security?	Yes ☒	No ☐

October 3, 2025

DAIRY CREEK MITIGATION BANK

MONITORING REPORT YEAR 2 (2025)

Prepared by: C. Jonas Moiel, Senior Ecologist
Green Banks, LLC
14200 SE McLoughlin Blvd, Suite A
Milwaukie, Oregon 97267
(503) 477-5391

Prepared For: DCMB, LLC
34059 NW Mountaindale Road
North Plains, Oregon 97133

greenbanks

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1.0 PLAN PURPOSE AND OVERVIEW

1.1 LOCATION

The Dairy Creek Mitigation Bank (DCMB) is located on 132 acres in Banks, Oregon; Township 2 North, Range 4 West, Section 36, utilizing a portion of tax lot 800 (144.40 ac), and the entirety of tax lot 603 (1.76 ac.); Longitude -123.121295, Latitude 45.616498. The project will be constructed in two Phases; Phase 1 is 97.5 acres, and Phase 2 is 34.5 acres. Phase 1 was constructed in 2023, and Phase 2 is planned for 2026.

1.2 MITIGATION GOALS AND OBJECTIVES

The mitigation goals and objectives for the DCMB are included in the Mitigation Bank Instrument, Exhibit C, Section 2.0.

1.3 MAINTENANCE AND MANAGEMENT ACTIONS

The DCMB monitoring results from 2024 indicated that the upland buffer and PFO habitats had fewer stems per acre on average than the performance standards require. In 2025, additional trees and shrubs were planted throughout the Phase 1 area within PSS, PFO, and upland buffer areas where we identified areas of mortality. A total of 30,000 bareroot trees and shrubs and 4,000 live stakes were installed between January and March 2025, to supplement the initial planting. Additionally, native seeding was done throughout the site to revegetate areas of bare ground that were a result of weed control activities, and to diversify the herbaceous communities.

In the spring of 2025, maintenance activities included spraying broadleaf weeds throughout the project area, and grass selective herbicide applications in areas contaminated by non-native grasses. The constructed stream channels were spot sprayed for non-native invasives such as reed canarygrass.

The summer maintenance activities included push-mowing of the upland buffers and some wetland areas to reduce competition on planted trees and shrubs. The majority of the Phase 1 area was left unmowed until late July, to allow the native grasses to compete with non-native weeds. There was dense cover by native grasses in most of the Phase 1 area and it seemed to be suppressing broadleaf weeds. We also wanted to allow the grass and native herb seed to mature and contribute to the seed bank.

In August, the entire Phase 1 area was field mowed with tractor, except for planted tree and shrub rows. Additional herbicide applications were completed within the stream mitigation areas, and around the perennially saturated wetland areas.

Additional herbicide applications will be completed in the fall of 2025, after plants have “greened” up with fall moisture. Non-native grasses such as perennial rye (***Lolium perenne)*** are present in areas where seasonal river flooding occurs, and will be targeted with grass selective herbicide.

Some additional herbaceous seeding is planned for the fall of 2025 to improve diversity, and to establish a native broadleaf community in areas susceptible to non-native grass invasion. This will allow us to treat with grass selective herbicides, while building a native herbaceous community.

1.4 MONITORING METHODS

The monitoring methods were derived primarily from the 2009 DSL Guidance. Please see the following excerpts from the DCMB MBI Exhibit C which describe the monitoring methods.

"*During the first year of monitoring, we will adopt, or in some cases may slightly exceed, the minimum number of samples as suggested in the DSL Guidance. The minimum number of plots in each sampling unit will be determined by the sampling unit's percentage of the habitat class as a whole. In Phase 1, each wetland habitat type will be greater than 5 acres therefore the minimum sampling size will be: 30 herbaceous plots in the PEM wetlands; 15 woody plots and 30 herbaceous plots each in PFO and PSS dominated wetlands; and 15 woody and herbaceous plots in the buffers. In Phase 2, the PFO and PSS areas will be greater than 5 acres but the PEM and Buffers are approximately 2 acres or less, therefore minimum sampling size will be: 20 herbaceous plots in the PEM wetlands; 15 woody plots and 30 herbaceous plots each in PFO and PSS dominated wetlands; and 5 woody and herbaceous plots in the buffers."* (DCMB MBI, Exhibit C, Section 10.1).

The vegetative performance standards are described in the MBI, Exhibit C, Section 9.1. Please see the following excerpts from the MBI.

"The various criteria specified by the standards include percent cover of native species, density and cover of woody plants, hydrophytic dominance (in wetland habitats), native species diversity, percent cover of non-native invasive species, and percent cover of bare substrate. In all cases "percent cover" means absolute aerial cover, rather than relative cover. We would like to emphasize that "bare substrate" includes bare soil, as well as areas covered by moss, water and/or dead herbaceous plants."

Regarding Invasive Species:

"A plant species should automatically be labeled as invasive if it appears on the current Oregon Department of Agriculture Noxious Weed list, plus known problem species including Phalaris arundinacea, Mentha pelugium, Holcus lanatus, Anthoxanthum odoratum, and the last crop plant if it is non-native. Non-native plants should be labeled as such if they are listed as non-native on the USDA Plants Database. Beginning in year 2 of monitoring, a non-native plant (not already identified by ODA or DSL) shall be considered "invasive" if it has 15% or more absolute cover in 10% or more of the plots for a given habitat class. If, in subsequent years, the plant is controlled below the threshold level, it will be removed from the "invasive species list". However, the ODA-listed and DSL-listed non-native invasives (as of 2022) will always be considered invasive, regardless of percent cover."

Regarding transects, vegetative plot spacing, and size:

"In general, the DCMB vegetation sampling will be organized in linear transects running from the western edge of the project to the eastern edge. The first transect will start near the northern end of

the site (at a randomly determined start point within the northernmost 100 meters of the site); subsequent parallel transects will be located at fixed intervals south of each other."

"In the habitat sampling units, the first plot along each transect will be randomly located 0 to 10 meters from where the transect enters the sampling unit, and thereafter spaced at regular intervals."

"The herbaceous plots will be 1 square meter in size. The amount of bare substrate and the areal cover of each plant species growing in or hanging over the meter plots will be estimated and recorded."

"The number of individual stems (trees) or plants (shrubs) of each native species, including volunteers will be counted in each woody vegetation plot, in order to extrapolate the native stem/plant density per acre. The percent cover of both native and non-native invasive woody species in each woody vegetation plot will also be recorded. In later years, when aerial cover of canopy (tree) species in forested plots exceeds 50% cover, we will no longer count stems but rather estimate cover of each woody species within the plots."

"In general, the plot spacing on a transect will have an herbaceous plot spaced every 50 feet along the transect with the 1-meter square placed on the southside of the transect line, with the northwest and northeast corners of the plot laid along the transect; for transects running north to south, the 1-meter square plot will be placed on the east side of the transect line. In PFO, PSS, and upland buffer areas the tree and shrub plots (10 by 10-meter squares) will be placed every 100 feet along the transect line, with the plot located on the southside of the transect with northwest and northeast corners of the plot laid along the transect, for west to east transects; and plots will be located on east side of transect line for north to south transects. Plot spacing and location along a transect may be adjusted in areas to account for spatial constraints such as proximity to the project area or habitat boundaries.

For the Stream biennial wet-zone habitat type, we modified the woody plot size to be 5 by 10-meter rectangles. These plots are located along the streambanks and the biennial wet zone is too narrow to fit a 10 by 10-meter plot. This modification was made at Year 1 (2024).

The 2025 vegetation monitoring was conducted on various dates in June of 2025 including: June 10, 11, 16, and 18. Monitoring was completed by C. Jonas Moiel, Miles Eubanks, Kaitlin Andersen and Brandon Leveille.

Monitoring transects were navigated to by GPS, and plots were marked with tape or pin-flags.

1.5 MONITORING DATA LOCATIONS

Please refer to Figures 1a and 1b which display the planted habitat types (Cowardin classes), monitoring transect locations, monitoring data plots, photo monitoring locations, and hydrology monitoring pits and wells. The habitat types consist of Palustrine Emergent (PEM) wetlands, Palustrine Scrub-Shrub (PSS) wetlands, Palustrine Forested (PFO) wetlands, Stream annual wet-zone, Stream biennial wet-zone, and buffers, which include riparian forest and wetland mitigation buffers.

The number of plots established in 2024 slightly exceed the minimum number of recommended plots from the DSL Guidance. A total of 210 plots were established including: 30 herbaceous PEM, 30 herbaceous and 16 woody PSS, 34 herbaceous and 17 woody PFO, 16 herbaceous and 17 woody Buffer, 16 herbaceous Stream annual wet-zone, and 17 herbaceous and 17 woody Stream biennial wet-zone.

1.6 HYDROLOGY METHODS AND CONTEXT

Hydrology monitoring which occurred during the winter of 2024 through spring of 2025, consisted of photo-documentation through drone and ground-level photographs, ground water level tracking using data loggers installed in shallow-observation tubes which record ground water levels every 4-hours, and staff gauges installed into the constructed stream channels. Green Banks' scientists visit the DCMB project on a weekly basis and documented observations of hydrology throughout the wet season.

In the fall of 2024, two staff gauges and two water-level loggers were installed into the constructed stream channels, and three water-level loggers were installed within the wetland areas. The hydrology monitoring locations for the wetlands were established in the same locations as the baseline.

2.0 RESULTS

2.1 VEGETATION STANDARDS RESULTS

The raw vegetation monitoring data for Year 2 (2025) are included in Appendix A. The following sections summarize the results of these data. Performance standards are stated verbatim in the summary tables and also on the Cover Sheet.

Palustrine Emergent Wetland Community

Palustrine Emergent (PEM) Community			
STANDARD	DESCRIPTION	MET?	COMMENTS
1.1	The standard for native cover for Year 1 shall be 40%; Year 2 shall be 50%; and Year 3 and thereafter shall be 60%.	Yes	50% native cover; CI: 43%-57;
1.2	The cover of non-native invasive species during the 1st and 2nd years shall not exceed 30%. For Year 3 and thereafter, the non-native invasive cover shall not exceed 10%.	Yes	2% Invasive cover; CI: 1%-4%;
1.3	Bare substrate represents no more than 20% cover by the 3rd year after planting and thereafter.	n/a	Bare ground was 14%.
1.4	By Year 3 and thereafter, there are at least 6 different native species or groupings of native species. To qualify, a species must have at least 5% average cover in the habitat class.	n/a	4 native species met criteria.
1.5	Prevalence Index < or = 3 ; or passes "50/20 rule" for dominance of hydrophytic vegetation.	Yes	PI was 3 (FAC).

The PEM community is meeting all of the performance standards for Year 2. Native cover averages 50% which meets the cover standard for Year 2. Invasive cover is very low (2% average), however, there is cover by non-native species such as ***Lolium perenne*** which need to be controlled to improve native cover for Year 3. Bare substrate is 14% which meets the Year 3 standard. The Prevalence Index for the community is 3, which is FAC.

Palustrine Forested Wetland Community

Palustrine Forested (PFO) Community			
STANDARD	DESCRIPTION	MET?	COMMENTS
2.1	The combined cover of native species for Year 1 shall be 40%; Year 2 shall be 50%; and Year 3 and thereafter shall be 60%.	Yes	Combined native cover 69% (Native herb cover 58%; native woody cover 11%)
2.2	The combined cover of non-native invasive species will not exceed 30% by Year 3 and thereafter.	Yes	3% Invasive cover; CI: 0%-5%
2.3	Bare substrate represents no more than 20% cover by the 3rd year, unless the tree/shrub canopy cover (shade) is greater than 70% in which case there is no bare ground standard.	n/a	Bare ground was 10%.
2.4	By Year 3 and thereafter, there are at least 6 different native species or groupings of native species. To qualify, species must have at least 5% average cover in the habitat class.	n/a	Four species met standard.
2.5	The density of woody vegetation is at least 1,600 native plants (shrubs) and/or stems (trees) per acre, including native volunteers and seedlings, and will have a trend of increasing canopy cover. After the aerial canopy cover (*including* shrub cover) is 50% or greater, there will be no minimum number of plants/stems.	Yes	There was an average of 1,834 plants per acre. Average woody cover was 11% (CI: 10%-12%)
2.6	Prevalence Index < or = 3 ; or passes "50/20 rule" for dominance of hydrophytic vegetation.	Yes	Prevalence Index in herb layer averaged 3 (FAC); woody average 2 (FACW).

The PFO community is meeting all of the performance standards for Year 2. The combined native cover averaged 69%, and the Standard 2.1 requires 50%. Invasive species cover is low, averaging 3%. The was an average of 1,834 plants per acre (trees/shrubs) which meets Standard 2.5 which specifies 1,600 plants per acre. The Prevalence Index for the community is hydrophytic with an average of 3 (FAC) for the herb layer, and 2 (FACW) for the woody layer.

Palustrine Scrub-Shrub Community

Palustrine Scrub-Shrub (PSS) Community			
STANDARD	DESCRIPTION	MET?	COMMENTS
2.1	The combined cover of native species for Year 1 shall be 40%; Year 2 shall be 50%; and Year 3 and thereafter shall be 60%.	Yes	Combined native cover 97% (Native herb cover 87%; native woody cover 10%)

2.2	The combined cover of non-native invasive species will not exceed 30% by Year 3 and thereafter.	Yes	0% Invasive cover; CI: 0%-0%
2.3	Bare substrate represents no more than 20% cover by the 3rd year, unless the tree/shrub canopy cover (shade) is greater than 70% in which case there is no bare ground standard.	n/a	Bare ground was 8%.
2.4	By Year 3 and thereafter, there are at least 6 different native species or groupings of native species. To qualify, a species must have at least 5% average cover in the habitat class.	n/a	Four species met standard.
2.5	The density of woody vegetation is at least 1,600 native plants (shrubs) and/or stems (trees) per acre, including native volunteers and seedlings, and will have a trend of increasing canopy cover. After the aerial canopy cover (*including* shrub cover) is 50% or greater, there will be no minimum number of plants/stems.	Yes	There was an average of 1,930 plants per acre. Average woody cover was 10% (CI: 9%-12%)
2.6	Prevalence Index < or = 3 ; or passes "50/20 rule" for dominance of hydrophytic vegetation.	Yes	Prevalence Index in herb layer averaged 2 (FACW); woody averaged 2 (FACW).

The PSS community is meeting all of the performance standards for Year 2. The combined native cover averages 97%, which meets the final performance standard. Invasive species cover is very low, averaging 0%. There was an average of 1,930 plants per acre (trees/shrubs) which meets Standard 2.5 which specifies 1,600 plants per acre. The Prevalence Index for the community is hydrophytic with an average of 2 (FACW) for the herb layer, and 2 (FACW) for the woody layer.

Buffer Community

Buffer Community			
STANDARD	DESCRIPTION	MET?	COMMENTS
2.1	The combined cover of native species for Year 1 shall be 40%; Year 2 shall be 50%; and Year 3 and thereafter shall be 60%.	Yes	Combined native cover 92% (Native herb cover 81%; native woody cover 11%)
2.2	The combined cover of non-native invasive species will not exceed 30% by Year 3 and thereafter.	Yes	1% Invasive cover; CI: 0%-1%
2.3	Bare substrate represents no more than 20% cover by the 3rd year, unless the tree/shrub canopy cover (shade) is greater than 70% in which case there is no bare ground standard.	n/a	Bare ground was 8%.
2.4	By Year 3 and thereafter, there are at least 6 different native species or groupings of native species. To qualify, a species must have at least 5% average cover in the habitat class.	n/a	Six species met standard.
2.5	The density of woody vegetation is at least 1,600 native plants (shrubs) and/or stems (trees) per acre, including nativ volunteers and seedlings, and will have a trend of increasin canopy cover. After the aerial canopy cover (*including* shrub cover) is 50% or greater, there will be no minimum number of plants/stems.	Yes	There was an average of 1,910 plants per acre. Average woody cover was 11% (CI: 10%-11%)

The buffer plant community consists of wetland and upland areas surrounding the wetland and stream mitigation. The buffer community is meeting all of the performance standards for Year 2. The combined native cover averaged 92%, which meets the standard for Year 3 and thereafter of 60% native cover. Invasive species cover was very low averaging 1%. There was an average of 1,910 plants per acre (trees/shrubs) which meets Standard 2.5 which requires 1,600 plants per acre. This is a large improvement in stem density from 2024.

Stream Annual Wet-Zone Community

Stream Annual Wet-Zone Community			
STANDARD	DESCRIPTION	MET?	COMMENTS
4.1	Native cover and bare ground standards do not apply to the "wet zone" within the W. Fork Dairy Creek and constructed channels, or approximately equivalent to elevations less than or equal to 191 feet. Non-native invasive species defined in Section 9.1 (of MBI) will not exceed 30% in Years 1 and 2, and not exceed 20% for Years 3 and thereafter (same as Standard 1.2).	Yes	Non-native invasive species cover averaged 3% (CI range: 1%-4%).

The Stream Annual Wet-Zone is meeting all of the performance standards for Year 2. It does not have native cover, bare substrate, or diversity standards. The invasive species cover was very low averaging 3%. Even though this community does not have standards for native cover or bare ground, the native herbaceous cover averaged 72% and bare ground averaged 20%.

Stream Biennial Semi-Wet Zone Community

Stream Biennial Semi-Wet Zone Community			
STANDARD	DESCRIPTION	MET?	COMMENTS
4.2	The "Semi-Wet Zone" is defined as the area between the approximate annual inundation event elevation and 2-Yea recurrence flood event elevation, and will begin at the lowest elevation where hydrophytic trees and shrubs can establish.The vegetative performance standards for the "Semi-Wet Zone" are the same as Performance Standards 2.1-2.6 for PSS and PFO wetlands.	Yes	All standards met.
4.2	Native Cover	Yes	Combined native cover was 71% (herbaceous cover averaged 65%, woody cover averaged 6%).
4.2	Invasive Cover	Yes	Invasive herb cover averaged 1%; invasive woody cover averaged 0%
4.2	Bare Substrate	n/a	Not applicable at Year 2.
4.2	Diversity	n/a	Not applicable at Year 2.
4.2	Woody Density / Cover	Yes	Average woody density was 3,434 plants (trees/shrubs) per acre. Average cover was 6%.
4.2	Hydrophytic	Yes	Prevalence Index averaged 2 (FACW) in the herb and woody layers.

The Stream Biennial Semi-Wet Zone is meeting all of the performance standards for Year 2. Combined native cover averaged 71% which exceeds the final performance standard of 60%. Invasive species cover was very low averaging 1% in the herb layer and 0% in the woody layer. The density of woody vegetation was 3,434 plants per acre which greatly exceeds the standard of 1,600 plants per acre. The plant community is hydrophytic with an average Prevalence Index of 2 (FACW).

NOTE: All the above cover percentages in the preceding tables and discussions represent absolute areal cover. Bare substrate includes areas of bare soil and areas covered by moss, water, and/or dead herbaceous plants.

2.2 WETLAND HYDROLOGY STANDARDS RESULTS

The wetland hydrology standards focus on proving that the mitigation wetlands meet the definition of a wetland, including the presence of hydrophytic vegetation and wetland hydrology. A wetland delineation-lite will be completed for the Phase 1 project area around Years 3 to 5, during a year of normal precipitation. The following Table 17 from the MBI Exhibit C summarizes the wetland hydrology standards.

Table 17: Wetland Hydrology Standards

2.7 Construction Standard 1: Wetland excavation and grading areas will be constructed to design specifications. Excavation and grading will be within +/- 6-inches of designed elevations. This standard will be documented in an as-built report including post-construction topography and photos.

2.8 Construction Standard 2: Ditches and drain-tiling will be de-activated and documented in an As-Built report. The drain-tile outfall locations will be observed at Years 1 and 3, after a rain event in the winter to spring, to ensure that there is no evidence of water flow. Photographs will be included in the annual monitoring reports. If evidence of water flow is observed, the feature will be de-activated during the summer months and documented in the annual monitoring report.

2.9 Post-Construction Wetland Determination and ORWAP: Around Years 3-5 after Bank construction, during a month with normal rainfall, a wetland delineation-lite will be completed for the mitigation wetlands. A post-construction ORWAP will also be completed at this time and will replace the predicted ORWAP scores if they vary from what was predicted.

The Construction Standard 1 (2.7) was achieved and documented in the As-Built Report. Excavation and grading areas were installed within +/- 6 inches of designed elevations within the wetland mitigation areas.

Construction Standard 2 (2.8) has been achieved and documented in the As-Built Report. Locations where agricultural tiling has been deactivated were observed several times in 2025 after precipitation events. The deactivated tiles were buried during construction and there is no evidence of flow at the known outfall locations in the agricultural ditches.

Year 2 hydrology monitoring consisted of visual observation and photo documentation, groundwater level tracking with data loggers, and recorded observations of water levels on the staff gauges (with photographs). Hydrology data from the data loggers are included in Appendix B. Ground-level and drone photos displaying hydrology are included in Appendix C and D.

Please see the following precipitation table which displays the average rainfall by month beginning in October 2024. These precipitation data are from the NWS Hillsboro Airport weather station, and the WETS table data are from the Forest Grove weather station. For the WETS table data, we utilized approximately 53 years of climate data from 1971-2024; typically WETS table data is for a 29-year period from 1971-2000 but this longer period of data should provide more accurate precipitation averages due to climate change.

Monthly Precipitation Data Table (2024 – 2025)

Month	Total Precipitation (Inches)	Average Precipitation (Inches)	Percent of Monthly Average Precipitation	Within "Normal" 30-70 percentile Range from WETS Table?	Current Water Year to Date (Inches)	Percent of Average Water Year to Date at end of Month
Oct. 2024	3.42	3.32	103%	Within normal range (1.89”-4.04”)	3.32	103%
Nov. 2024	7.13	7.03	101%	Within normal range (4.64”-8.43”)	10.55	102%
Dec. 2024	6.4	7.90	81%	Within normal range (5.37”-9.43”)	16.95	93%
Jan. 2025	1.69	7.00	24%	Below normal range (4.50”-8.42”)	18.64	74%
Feb. 2025	3.42	5.36	64%	Within normal range (3.32”-6.49”)	22.06	72%
March 2025	4.28	4.78	89%	Within normal range (3.35”-5.67”)	25.48	72%

Source: Precipitation totals from Hillsboro station NWS. Averages from Forest Grove WETS table 1971-2024.

The fall through spring of 2024-2025 was within the normal range for rainfall, except for the month of January which was below normal. This resulted in a shorter duration of saturation/inundation in the wetlands and intermittent stream channels than the previous winter. With normal to below normal precipitation, there was positive wetland hydrology for several weeks and surface water flow in the intermittent stream channels for approximately three months.

The wetland restoration and creation areas within Phase 1 displayed wetland hydrology at the three shallow monitoring well locations between December 2024 and April 2025. It is assumed (by DSL)

that there is year-round growing season in this portion of the Willamette Valley. To have wetland hydrology for 5% of the 365-day growing season, there needs to be 18 days of consecutive soil saturation in the top 12 inches of the soil profile. During the baseline studies and wetland delineation, we determined that there are approximately 4 inches of capillary fringe within the wetland areas between groundwater level and saturation level. This implies that when groundwater levels are at 16 inches, that soil saturation is at 12 inches. The shallow observation well data is presented in Appendix B, and locations displayed on Figure 1a.

Well #1 is located in close proximity to the primary spill point from the constructed intermittent channels, within the riverine wetlands. It displayed wetland hydrology for 30 consecutive days between December 16, 2024, and January 13, 2025. It also had wetland hydrology for shorter periods of 11 and 8 consecutive days in January and February 2025.

Well #2 is located to the west of Wetlands A and B, in a wetland creation area. It displayed wetland hydrology for 70 consecutive days between December 3, 2024, and February 7, 2025. And then shortly after, beginning on February 9 through March 3, 2025, had an additional 23 days of wetland hydrology.

Well #3 is located in the wetland restoration area adjacent to the PEM plant community. This well was installed late in the hydrology monitoring season, in February, and did not capture hydrology data for the December-January rain events. Nevertheless, it did display wetland hydrology for a 17 consecutive day period between February 20 and March 8, and for 20 consecutive days between March 15 and April 3, 2025.

The constructed intermittent stream channels were observed for surface water flow in the fall of 2024 through the spring of 2025. Precipitation events in the amount of approximately 1 inch in 24-hours activate the intermittent channels and flows persist for several days after each rain event. Precipitation was frequent enough during the wet season to maintain flows in the intermittent channels from November 26, 2024, through March 5, 2025; a total of approximately 99 days. There was a precipitation event from December 21 through December 29, 2024, that had a total of 3.22 inches of rain; and prior to that, approximately 1 inch of rain fell on December 17th. This large amount of rainfall caused overbank flooding from the constructed channels into the floodplain for approximately ten days.

There are two shallow observation wells within the constructed stream channels. Stream Well #1 is located near the inlet of Channel 1, and Stream Well #2 is located near the outfall of the constructed stream system. Both of these wells were placed on the edge of the stream bank so that they would not be damaged by floating wood and debris when the channels are active. Since they are not located in the thalweg, they may display surface water at 6 inches below ground level (for example) even when there is flow in the channels, due to being higher in elevation than the thalweg. Additional elevation survey and offset to the well data will be completed in future years to calibrate more accurately with actual surface water flows; they currently display depth to water below surface at the actual well location elevation.

Stream Well #1 documented surface water in Channel 1 from around December 15, 2024, through March 13, 2025. Five precipitation events between December and February caused surface water to rise in the channels to a depth of 1 to 3 feet; the deepest surface water being observed in late December 2024 through early January 2025.

Stream Well #2 documented surface water near the outlet of the intermittent stream system for the same approximate duration as Stream Well #1. The stream outlet is located at a lower elevation than the inlet, causing surface water depths to be deeper near the outlet. Surface water depths ranged from 1 to 4.5 feet deep during the precipitation events between December and February.

A more in-depth analysis of wetland and stream hydrology will be presented around Years 3 to 5, for the post-construction wetland and waters delineation.

2.3 STREAM MITIGATION STANDARDS RESULTS

The stream mitigation performance standards focus on collecting stream data at Years 3, 6, and 9. The only stream standards that are relevant for Year 2 are Standards 4.1, and 4.2. Stream mitigation standards 4.1 and 4.2 are vegetation performance standards which are addressed in Section 2.1 Vegetation Standards Results.

The stream mitigation performance standards from the MBI are included below for reference.

Table 18: Stream Mitigation Performance Standards

3.0 Construction Standard 1: Perennial and Intermittent stream enhancement areas will be constructed to design specifications. Excavation and grading will be within +/- 6-inches of designed elevations. The number of pieces of large wood will meet or exceed the number proposed in the design which is equivalent to 400 pieces total (>24 pieces per 100 meters). This standard will be documented with an As-Built report including post-construction topography and photos.

3.1 Construction Standard 2: Created intermittent stream channels will have a downward gradient to ensure that there is no fish entrapment risk. This will be initially verified by a longitudinal survey of the constructed channel bottoms and included in the As-Built report. Longitudinal surveys of the created channels will additionally be completed at Years 3, 6, and 9, to ensure that they continue to have a downward gradient.

3.2 Construction Standard 3**:** Aggradation and Degradation will not affect the function of the inlets and outlets of the created channels. Minor change in channel bed and bank elevations will occur as the channels evolve, which is expected to occur primarily for the first few years after construction (Years 1-3). At Years 3, 6, and 9, the elevations of the inlets and outlets of the created channels (bed and banks) will be documented through cross-sectional surveys. Starting at Year 6, the aggradation and degradation, defined as the average change in elevations from cross-sectional surveys, will not be greater than +/- 6 inches from the previous monitoring period (e.g., Year 3), and will not be greater than +/- 12 inches between Years 3 and 9.

3.3 Acreage Requirement: Created intermittent stream channels shall receive sufficient flow throughout the monitoring period to maintain an Ordinary High-Water Mark (OHWM), or 2-Year recurrence interval flood elevation, that meets or exceeds the predicted waters boundary. This will be documented around Years 3 to 5, during a month with normal rainfall.

3.4 Flow-Duration: Created stream channels will be defined as intermittent if they meet all of the following criteria: a) flow occurs on an annual basis, and not just following storm events; b) they are determined to be intermittent by SDAM; and c) at least one species of aquatic insect or amphibian is present, or one species fish is present. The flow-duration standard will be verified at Years 3, 6, and 9.

3.5 Floodplain Connectivity: The 2-Year recurrence interval flood event (OHWM) will cause surface water to spill out of created channels in more than one location, and into the floodplain. This will be documented once around Years 3 to 5, during a year when the total rainfall for a 24-hour period is approximately between the annual and 2-Year event. Documentation will be provided by photographs, crest and staff gage data.
3.6 Incision: The Incision, measured as the Bank Height Ratio (BHR), will not exceed 1.33 within the created intermittent channels. Incision will be measured at ten stream cross-section locations and averaged to determine the incision value. The cross-section locations will be finalized during Year 1 monitoring. Incision will be measured at Years 3, 6, and 9.
3.7 Lateral Migration: Constraints to lateral migration within 100 feet of the created intermittent channels will be <10% of the streambank length (measured on both banks). This includes "soft" engineered structures such as keyed wood on channel bends. The distance of constraints to lateral migration will be measured with measuring tape and/or GPS during longitudinal surveys and documented on Years 3, 6, and 9.
3.8 Streambank Erosion: Streambank erosion will be <40% by Year 3, and <20% by Year 6 and thereafter. The percentage of erosion will be determined based on the length of erosion along each streambank divided by the total length of both streambanks (left, right). Erosion will be measured for both the enhanced perennial W. Fork Dairy Creek (left bank) and Straight Channel (left bank), and created intermittent channels. Any area where erosion is identified on more than 100 square feet will be re-seeded during the nearest seeding window and documented in annual report. Erosion will be measured at Years 3, 6, and 9.
3.9 Channel Bed Variability of Constructed Channels: The Channel Bed Variability will be measured at 100 locations within the created channels on Years 3, 6 and 9 as described in the monitoring plan. By Year 6 and thereafter, the Channel Bed Variability will be Moderate (0.3-0.7) or higher.
4.0 Large Wood: The frequency of Large Wood will be >24 pieces per 100 meters or approximately 400 pieces of large wood total for the project. Large wood will be counted by longitudinal surveys during annual monitoring at Years 3, 6 and 9.
4.1 Riparian Vegetation Annual "Wet Zone": Native cover and bare ground standards do not apply to the "wet zone" within the W. Fork Dairy Creek and constructed channels, or approximately equivalent to elevations less than or equal to 191 feet. Non-native invasive species defined in Section 9.1 will not exceed 30% in Years 1 and 2, and not exceed 20% for Years 3 and thereafter (same as Standard 1.2).
4.2 Riparian Vegetation Biennial "Semi-Wet Zone": The "Semi-Wet Zone" is defined as the area between the approximate annual inundation event elevation and 2-Year recurrence flood event elevation, and will begin at the lowest elevation where hydrophytic trees and shrubs can establish. The vegetative performance standards for the "Semi-Wet Zone" are the same as Performance Standards 2.1-2.6 for PSS and PFO wetlands.

2.4 LONG-TERM PROTECTION AND SUSTAINABILITY MILESTONES

The long-term protection and sustainability milestones do not include any milestones for Year 2; the first milestone is to be achieved at Year 3. These milestones (Table 19) from the MBI are included below for reference.

Table 19: Long-Term Protection and Sustainability Milestones
4.3 Long-Term Management Plan Updated: By the end of Year 3, the long-term management plan will be updated to incorporate any changes based on annual monitoring trends or changing project needs. This will also include an updated endowment budget if necessary. Coordination of these changes will be made with the preferred Long-Term Land Manager (LTLM) and the agencies. **4.4** Endowment Funded 60%: By the end of Year 4, 60% of the estimated endowment will be deposited in an escrow account or transferred to an endowment account approved by the agencies and LTLM. The endowment account balance will be provided with the annual monitoring report. Note: If credit sales occur slower than expected due to low credit demand, the completion of this standard may need to be delayed along with the projected credit release schedule. **4.5** Endowment Funded 80%: By the end of Year 5, 80% of the estimated endowment will be deposited in an escrow account or transferred to an endowment account approved by the agencies and LTLM. The endowment account balance will be provided with the annual monitoring report Note: If credit sales occur slower than expected due to low credit demand, the completion of this standard may need to be delayed along with the projected credit release schedule. **4.6** Long-Term Package Complete: Around Year 7, the long-term package will be finalized and executed which will include: 100% endowment funded, long-term management plan approved, conservation easement recording (Phase 1), completion of DEQ cleanup of contaminated area within tax lot 800 or tax lot line adjustment to remove the area from the Bank tax lot (Phase 1), and fee-title transfer for the completion of Phase 2 (this will include the Phase 1 area).

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 PROJECT STATUS

The DCMB is meeting all of its performance standards for Year 2. There was an improvement in stem density in the forested, shrub, and buffer areas as a result of additional planting in the winter to spring of 2024-2025. In 2024, the PFO and buffer communities were not achieving the stem density standard of 1,600 stems per acre, which has now been achieved.

The native cover has also improved across the various habitat types, except for the PEM area due to an increase in perennial ryegrass. The PSS, PFO, and buffer communities have an average native cover ranging from 67-97% which is a great achievement for only being at Year 2. There is also low invasive cover across all habitat types.

The stream mitigation areas are maturing nicely with the development of streambed topological complexity, including a low water channel, and shallow pools. There is very little erosion in the channels or adjacent to them. Some sedimentation is occurring, which is expected as the channels develop and equilibrate. The expectation is that around Year 3, the channel morphology will begin to stabilize.

3.2 CONCLUSIONS

The DCMB project is evolving into a highly functioning stream and wetland complex. As noted, it is meeting all of the Performance Standards for Year 2.

The restoration of wetland hydrology to the site through the removal/deactivation of artificial drainage features appears to have been successful. There was no evidence of subsurface tile flow in 2025 at the outfall locations identified during the baseline studies. The removal of the concrete/ earthern berm along the W. Fork Dairy Creek top-of-bank has resulted in the reconnection of the annual floodplain and restoration of riverine wetland hydrology. The reconnection of the floodplain has caused flooding concerns downstream, which is being monitored and documented. Some design adjustments to the Phase 2 project area are being discussed with the agencies, which may be implemented in 2026.

The DCMB credit ledger for January through September 2025 is included in Appendix E. The most recent credit release was on May 8, 2024 for 15% of the wetland and stream credits; bringing the total number of credits released to 18.216 wetland credits and 1,619.10 linear feet/ 1.63 acre of stream credit, or 30% of the total anticipated for Phase 1 the Bank. A total of 3.844 wetland credits, and 4.545 linear feet/ 0.005 acre of stream credit, were withdrawn in 2025 (through September). As of September 2025, 13.232 wetland credits and 1,511.325 lf. / 1.52074 ac. of stream credit are released and available.

3.3 RECOMMENDATIONS

Non-native weed control efforts should continue in 2026, including herbicide application, mowing and cutting. These weed control efforts should be made year-round, beginning in the spring of 2026. We anticipate early successional plant communities to have a certain level of non-native plant cover and the focus should be on controlling invasive perennial weeds and releasing plantings from competition.

The PEM community is located within the riverine wetlands that are subject to seasonal flooding. Year 1 flooding created areas of bare ground and introduced non-native species, primarily perennial ryegrass (***Lolium perenne***). We recommend that the PEM area be reseeded in the fall of 2025 with a seed mix composed of native herbs. This will allow us to use grass-selective herbicide to control the ryegrass, and also increase diversity/native cover. The PEM had an average of 50% native cover in 2025, which meets the standard (50%), but needs to increase to 60% native cover in 2026 to meet the native cover standard.

3.4 FINANCIAL SECURITY STATUS

The establishment of DCMB Phase 1 required that a financial assurance of $393,250 was established. This was completed as an Assignment of Deposit at US Bank and Heritage Bank in 2023. In December of 2023, $69,300 along with interest was released from Heritage Bank for the completion of bank construction and As-Built submittal; a total of $73,950 remained at Hertiage Bank as well as $250,000 at US Bank after the release.

On May 8, 2024, a second financial assurance release was authorized for completion of seeding and planting Phase 1. This release included releasing the remainder of funds in the Heritage Bank account of $73,950, and releasing $17,900 along with interest from the US Bank account. Currently, a balance of $232,100 remains at US Bank for Phase 1 financial assurances.

The bank sponsor did not request a financial assurance release for Year 1 (2024) because not all performance standards were met. Currently, all of the standards are being met for Year 2 (2025), and

the sponsor will request the releases for Years 1 and 2. Per Exhibit J of the MBI, a total financial assurance release of $41,250 was defined for meeting standards in Year 1, and $39,050 for Year 2; for a total release of $80,300. This release will be requested in the fall of 2025.

4.0 REFERENCES

Green Banks, LLC 2023. Mitigation Bank Instrument for the Dairy Creek Mitigation Bank. Exhibit C, Mitigation Plan.

Oregon Department of Agriculture (ODA) 2024. ODA Plant Division, Noxious Weed Control. Oregon Noxious Weed List. URL http://www.oregon.gov/ODA/PLANT/WEEDS/statelist2.shtml.

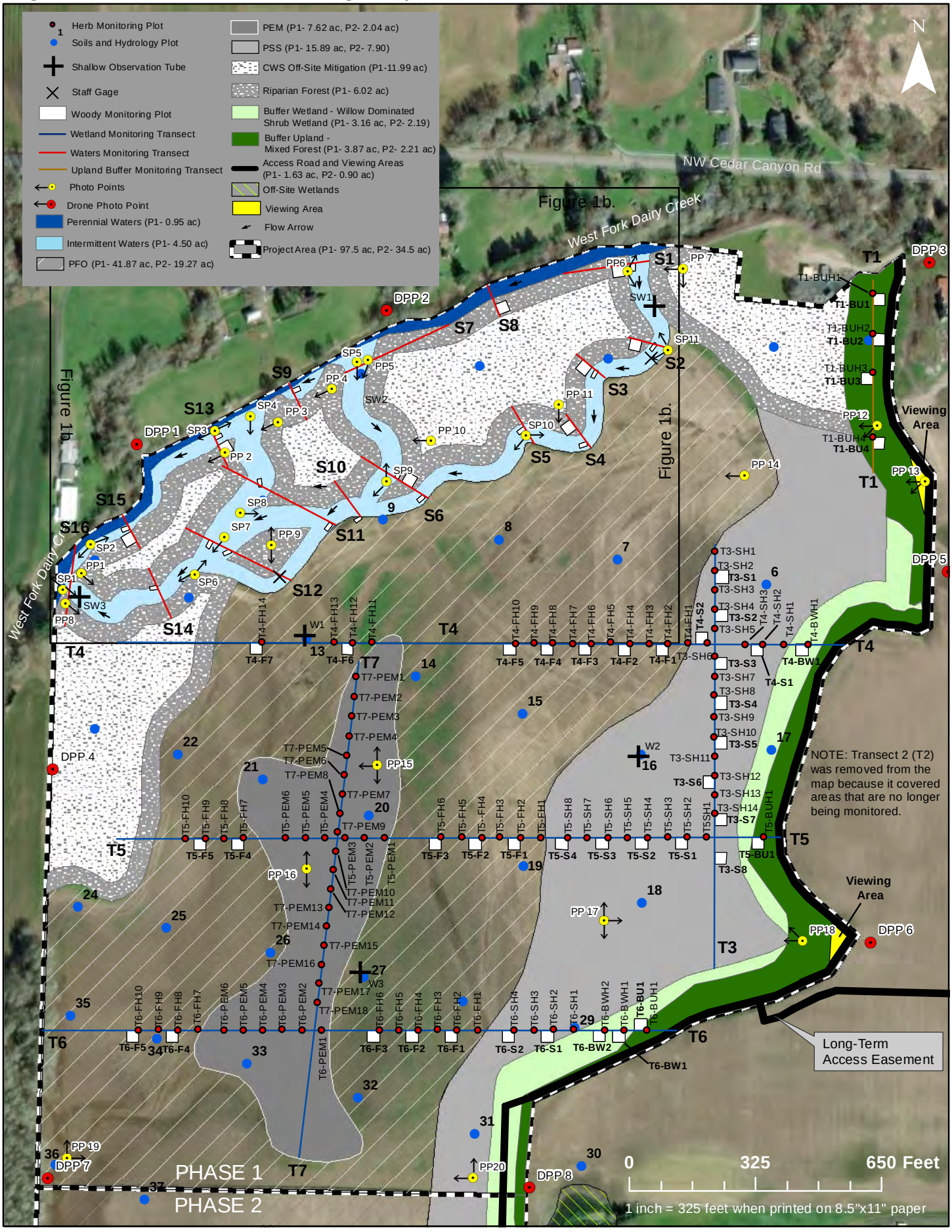
U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). 2024. The PLANTS Database. National Plant Data Center, Baton Rouge, LA 70874-4490 USA. URL: http://plants.usda.gov

U.S. Army Corps of Engineers. 2020. *2020 Wetland Plant List;* for Western Valleys Mountains Coast Region.

MAPS AND FIGURES:

Figure 1a-1b: DCMB Monitoring Maps

Figure 1a. DCMB Monitoring Map



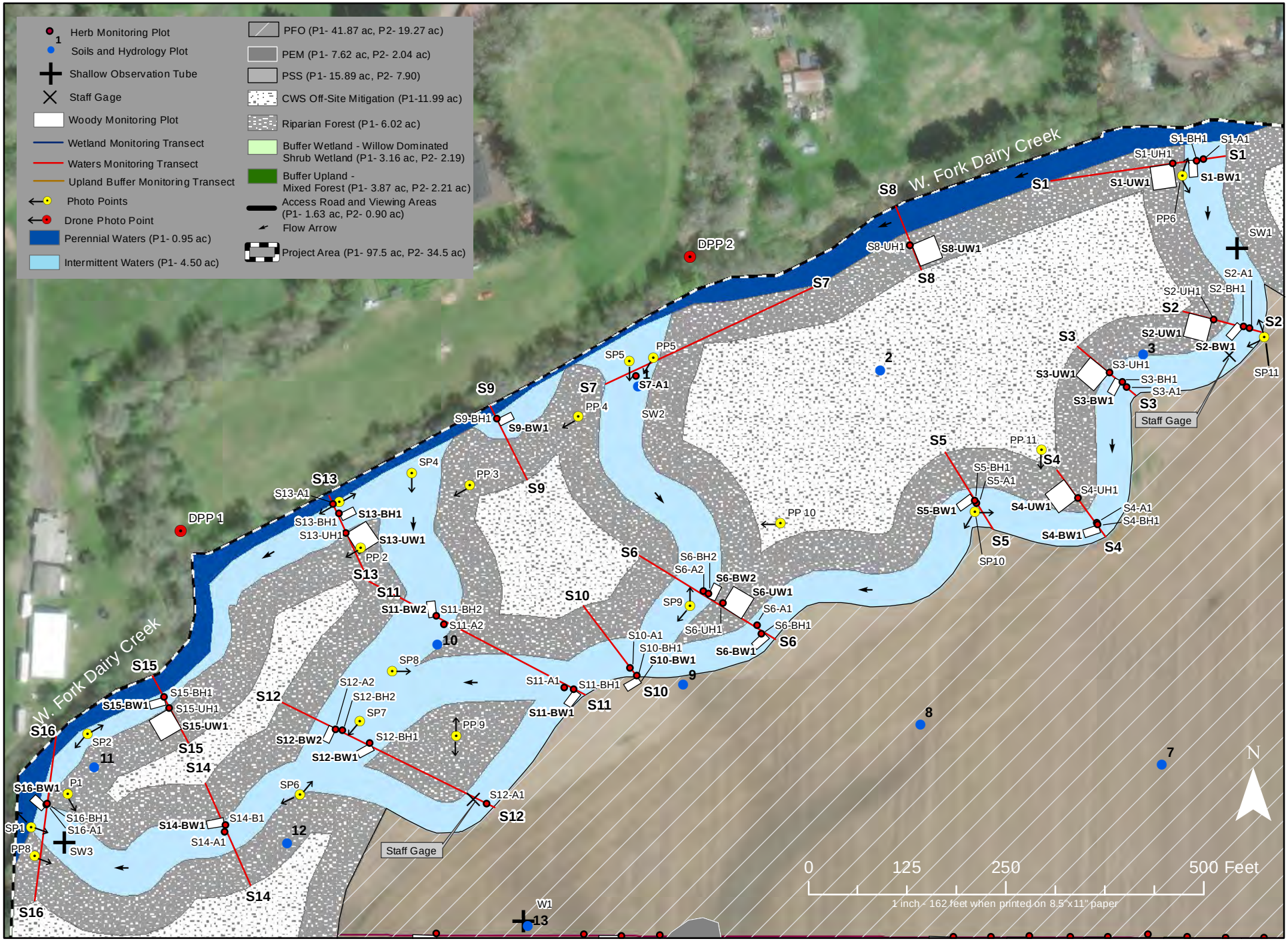
Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

\\GreenBanks\Server - Network\wetland banking\washington county\ Dairy Creek Bank\GIS\Monitoring\2025\mxds\Figure 1a. DCMB Monitoring Map 2025 250811.mxd

Map created by Miles Eubanks. Ver. 8.25

greenbanks

Figure 1b. DCMB Monitoring Map - Stream Inset



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

\\GreenBanks\Server - Network\wetland banking\ washington county\Dairy Creek Bank\GIS\Monitoring\ 2024\mxds\DCMB Stream Plot Inset 241219.mxd

Map Created by Miles Eubanks
Ver. 1.25

greenbanks

APPENDICES:

APPENDIX A: Vegetation Data
APPENDIX B: Hydrology Data and Photos
APPENDIX C: Photographic Documentation
APPENDIX D: Drone Photos
APPENDIX E: Credit Ledger

APPENDIX A: VEGETATION DATA

Vegetation Data Tables should be printed at the size of 11"x17".

DAIRY CREEK MITIGATION BANK

2025 Vegetation Monitoring	Sample Date(s):	6/10/2025, 6/11/2025, 6/16/2025	*Percent (%) Cover*																																
PEM Community			T5-PEM1	T5-PEM2	T5-PEM3	T5-PEM4	T5-PEM5	T5-PEM6	T6-PEM1	T6-PEM2	T6-PEM3	T6-PEM4	T6-PEM5	T6-PEM6	T7-PEM1	T7-PEM2	T7-PEM3	T7-PEM4	T7-PEM5	T7-PEM6	T7-PEM7	T7-PEM8	T7-PEM9	T7-PEM10	T7-PEM11	T7-PEM12	T7-PEM13	T7-PEM14	T7-PEM15	T7-PEM16	T7-PEM17	T7-PEM18		
Species	Origin (N, NN, I)	Wetland Status (1 - 5)																																Average	
Native Herbaceous Species																																			
Achillea millefolium	N	4	0	0	0	0	0	0	0	0	0	0	0	0	25	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**	
Agrostis exarata	N	2	7	0	0	0	0	0	45	0	35	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	20	5	**5**	
Beckmannia syzigachne	N	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	**0**	
Deschampsia cespitosa	N	2	35	65	30	15	10	0	40	25	15	15	60	25	0	0	0	10	0	20	0	5	0	0	0	0	0	10	10	55	25	55	**18**	
Deschampsia elongata	N	2	25	20	25	10	10	0	5	5	15	25	0	0	0	0	0	0	0	0	20	0	0	15	10	0	0	20	20	30	30	30	**11**	
Epilobium ciliatum	N	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**0**	
Epilobium densiflorum	N	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Festuca idahoensis ssp. Roemeri	N	4	10	0	0	10	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**	
Gnaphalium palustre	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	**0**	
Grindelia integrifolia	N	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	30	25	15	30	40	35	0	0	0	0	0	0	0	0	0	0	**6**	
Hordeum brachyantherum	N	2	0	0	0	10	5	5	3	0	0	0	0	0	2	0	0	0	0	0	10	0	5	0	0	0	0	0	0	2	5	0	**2**	
Plagiobothrys scouleri	N	2	5	0	2	0	5	0	0	25	25	15	0	0	0	0	0	0	0	0	0	0	0	0	0	20	3	0	0	0	0	0	**3**	
Prunella vulgaris	N	4	0	4	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Invasive Herbaceous Species																																			
Anthoxanthum odoratum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Cirsium arvense	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	**0**	
Cirsium vulgare	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Convolvulus arvensis	I	5	0	0	0	0	0	0	0	0	0	0	0	0	10	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	
Holcus lanatus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	**0**	
Hypericum perforatum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Mentha pulegium	I	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Phalaris arundinacea	I	2	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Schedonorus arundinaceus	I	3	0	0	0	8	0	0	0	0	0	0	0	0	0	10	0	5	0	0	0	0	7	0	0	0	0	0	0	0	0	0	**1**	
Senecio jacobaea	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Non-Native Herbaceous Species																																			
Anthemis cotula	NN	4	0	0	0	0	0	25	0	0	1	0	1	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**	
Daucus carota	NN	4	0	0	2	2	7	0	0	0	0	0	0	0	0	0	0	0	2	0	8	0	8	10	8	25	15	0	0	0	0	0	**3**	
Lactuca serriola	NN	4	0	0	0	3	10	0	0	2	0	10	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	**1**	
Leontodon taraxacoides ssp.taraxacoides	NN	5	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	**0**	
Leucanthemum vulgare	NN	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Lolium perenne	NN	3	0	5	15	15	8	0	1	30	3	5	0	0	53	30	66	0	43	32	20	40	7	70	40	40	15	60	50	0	3	1	**22**	
Lythrum portula	NN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**	
Rumex crispus	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	**0**	
Sonchus asper	NN	4	0	0	0	3	10	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	15	55	0	0	0	0	0	**4**	
Trifolium pratense	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	3	0	5	12	0	0	0	0	0	0	0	0	0	**1**	
Bare Substrate																																			
Bare ground, unvegetated water, and/or moss			12	6	20	19	5	3	6	11	5	15	21	16	10	10	0	0	10	15	5	20	17	5	27	0	2	10	12	10	9	9	**10**	
Dead sprayed weeds			0	0	0	0	30	25	0	0	0	0	0	0	0	0	0	0	10	0	0	0	30	0	0	0	0	0	0	0	0	0	**3**	
Shade, Woody Stem Cover & Water Depth																																			
Shade from woody plants			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Stem cover on ground			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Approx. water depth (feet)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	

Summary Information	T5-PEM1	T5-PEM2	T5-PEM3	T5-PEM4	T5-PEM5	T5-PEM6	T6-PEM1	T6-PEM2	T6-PEM3	T6-PEM4	T6-PEM5	T6-PEM6	T7-PEM1	T7-PEM2	T7-PEM3	T7-PEM4	T7-PEM5	T7-PEM6	T7-PEM7	T7-PEM8	T7-PEM9	T7-PEM10	T7-PEM11	T7-PEM12	T7-PEM13	T7-PEM14	T7-PEM15	T7-PEM16	T7-PEM17	T7-PEM18	Habitat Average	Standard Error
Cover of Native Herbaceous Species	82	89	63	50	30	5	93	57	91	70	72	81	27	40	30	35	15	50	70	40	13	15	10	20	13	30	41	90	85	90	**50**	5.4
Lower CI (80%)																															43	
Upper CI (80%)																															57	
Cover of Invasive Herbaceous Species	5	0	0	0	0	0	0	0	0	0	0	5	10	35	0	5	0	0	0	0	8	0	0	0	0	0	0	0	3	0	**2**	1.2
Lower CI (80%)																															1	
Upper CI (80%)																															4	
Bare Substrate	12	6	20	19	35	28	6	11	5	15	21	16	10	10	0	0	20	15	5	20	47	5	27	0	2	10	12	10	9	9	**14**	2.0
Lower CI (80%)																															11	
Upper CI (80%)																															16	
Native Diversity																									4 species met the criteria: AGEX, DECE, DEEL, GRIN								
Prevalence Index	2	2	2	2	3	4	2	2	2	2	2	1	3	3	3	1	3	3	2	3	5	3	3	3	4	3	3	2	2	2	**3**	N/A
Weighted Prevalence Index	154	201	189	183	192	279	189	212	194	195	185	74	263	280	306	145	247	232	232	260	254	280	242	320	351	240	240	177	174	183		
Sum of plant cover	88	94	80	81	65	73	94	89	95	85	79	89	90	105	100	100	80	85	98	85	53	95	73	100	98	90	93	90	91	91		

2025 Vegetation Monitoring	Sample Date(s):	6/10, 6/11, 6/16	*Percent (%) Cover*																															
PSS Herbaceous Community	Origin	Wetland Status (1 - 5)	**T3-SH1**	**T3-SH2**	**T3-SH3**	**T3-SH4**	**T3-SH5**	**T3-SH6**	**T3-SH7**	**T3-SH8**	**T3-SH9**	**T3-SH10**	**T3-SH11**	**T3-SH12**	**T3-SH13**	**T3-SH14**	**T4-SH1**	**T4-SH2**	**T4-SH3**	**T4-SH4**	**T5-SH1**	**T5-SH2**	**T5-SH3**	**T5-SH4**	**T5-SH5**	**T5-SH6**	**T5-SH7**	**T5-SH8**	**T6-SH1**	**T6-SH2**	**T6-SH3**	**T6-SH4**	**Average**	
Species	(N, NN, I)																																	
Native Herbaceous Species																																		
Achillea millefolium	N	4	0	0	0	0	25	35	20	0	20	15	7	20	8	0	0	4	7	35	0	2	2	2	12	5	10	25	0	0	0	30	**9**	
Agrostis exarata	N	2	55	52	45	30	18	0	35	0	25	0	20	25	45	12	68	64	55	25	0	80	90	50	68	45	5	20	0	0	80	25	**35**	
Beckmannia syzigachne	N	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	**0**	
Bidens cernua	N	1	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	**2**	
Deschampsia cespitosa	N	2	10	20	30	10	40	40	15	20	15	10	15	10	0	0	10	0	0	15	0	0	0	30	10	10	10	0	0	0	0	5	**11**	
Deschampsia elongata	N	2	20	25	20	50	10	0	15	5	20	40	39	26	42	0	7	20	40	10	0	10	5	10	0	20	30	25	0	0	15	10	**17**	
Epilobium densiflorum	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	**0**	
Equisetum arvense	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	**1**	
Gnaphalium palustre	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	8	35	0	0	**2**	
Hordeum brachyantherum	N	2	0	0	5	5	0	20	15	2	10	7	5	3	0	0	0	0	0	0	0	0	0	0	0	5	7	7	0	10	5	7	**4**	
Juncus bufonius	N	2	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	**1**	
Lupinus rivularis	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	**0**	
Plagiobothrys scouleri	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	35	0	0	**1**	
Prunella vulgaris	N	4	5	0	0	0	2	0	0	0	5	8	3	0	5	0	0	10	0	10	0	0	0	2	0	0	1	8	0	0	0	8	**2**	
Psilocarphus elatior	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	**1**	
Rorippa curvisiliqua	N	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	**0**	
Veronica peregrina		1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	5	0	0	0	0	0	0	0	1	0	0	0	**0**	
Invasive Herbaceous Species																																		
Anthoxanthum odoratum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Cirsium arvense	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Cirsium vulgare	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Convolvulus arvensis	I	5	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	**0**	
Holcus lanatus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Hypericum perforatum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Mentha pulegium	I	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Phalaris arundinacea	I	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Schedonorus arundinaceus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Senecio jacobaea	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Non-Native Herbaceous Species																																		
Anthemis cotula	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	75	20	0	0	**3**	
Daucus carota	NN	4	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	**0**	
Lactuca serriola	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	**0**	
Lolium perenne	NN	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	**0**	
Lythrum portula	NN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	**0**	
Plantago major	NN	3	0	0	0	0	0	0	0	0	0	0	1	0	0	8	0	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	**1**	
Raphanus sativus	NN	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	**0**	
Sonchus asper	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	**0**	
Trifolium pratense	NN	4	0	2	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	10	**1**	
Bare Substrate																																		
Bare ground and/or moss			10	0	0	3	0	0	5	64	5	19	10	15	0	0	10	0	0	5	0	8	3	5	10	15	30	14	0	0	5	4	**8**	
Dead/sprayed weeds			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Shade & Woody Stem Cover on Ground																																		
Shade from woody plants			0	0	0	1	0	0	0	15	3	5	0	0	0	7	0	0	0	0	2	0	0	7	0	0	0	0	0	0	0	5	**2**	
Stem cover (basal) on ground			0	0	0	1	0	0	0	2	1	1	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1		
Summary Information			**T3-SH1**	**T3-SH2**	**T3-SH3**	**T3-SH4**	**T3-SH5**	**T3-SH6**	**T3-SH7**	**T3-SH8**	**T3-SH9**	**T3-SH10**	**T3-SH11**	**T3-SH12**	**T3-SH13**	**T3-SH14**	**T4-SH1**	**T4-SH2**	**T4-SH3**	**T4-SH4**	**T5-SH1**	**T5-SH2**	**T5-SH3**	**T5-SH4**	**T5-SH5**	**T5-SH6**	**T5-SH7**	**T5-SH8**	**T6-SH1**	**T6-SH2**	**T6-SH3**	**T6-SH4**	**Habitat Average**	**Standard Error**
Cover of Native Herbaceous Species			90	97	100	96	95	100	100	27	95	80	89	84	100	85	90	98	103	95	82	92	97	94	90	85	64	85	19	80	100	85	**87**	3.5
Lower CI (80%)																																	82	
Upper CI (80%)																																	91	
Cover of Invasive Herbaceous Species			0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	**0**	0
Lower CI (80%)																																	0	
Upper CI (80%)																																	0	
Bare Substrate			10	0	0	3	0	0	5	64	5	19	10	15	0	0	10	0	0	5	0	8	3	5	10	15	30	14	0	0	5	4	**8**	2
Lower CI (80%)																																	5	
Upper CI (80%)																																	11	
Native Diversity																												4 species meet diversity criteria: ACMI, AGEX, DECE, DEEL							
Prevalence Index-herb strata			2	2	2	2	3	3	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	4	3	2	3	**2**	N/A	
Weighted Prevalence Index			190	205	200	191	264	270	240	75	264	206	201	211	226	171	175	230	219	280	211	188	198	196	204	180	172	239	390	265	200	286		
Sum of herbaceous plant cover			90	100	100	96	100	100	100	34	101	80	90	85	100	99	90	100	103	95	99	92	97	94	90	85	70	86	106	105	100	95	**93**	

DAIRY CREEK MITIGATION BANK

2025 Vegetation Monitoring	**Sample Date(s):**	6/10/2025, 6/11/2025, 6/16/2025	**Percent Cover %**																
PSS Shrub and Tree Data	Origin	Wetland Status	**T3-S1**	**T3-S2**	**T3-S3**	**T3-S4**	**T3-S5**	**T3-S6**	**T3-S7**	**T3-S8**	**T4-S1**	**T4-S2**	**T5-S1**	**T5-S2**	**T5-S3**	**T5-S4**	**T6-S1**	**T6-S2**	**Row Average**
Native Shrub and Tree Species:	(N, NN, I)	(1 - 5)																	
Alnus rhombifolia	N	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**0**
Cornus sericea ssp. ***sericea (alba)***	N	2	1	1	0	0	0	0	1	1	0	0	1	0	2	2	4	3	**1**
Crataegus douglasii	N	3	0	1	0	0	1	1	0	0	0	0	0	0	1	3	2	1	**1**
Lonicera involucrata	N	3	1	2	3	0	3	2	0	0	1	1	2	4	1	0	0	0	**1**
Malus fusca	N	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	**0**
Physocarpus capitatus	N	2	0	2	0	0	2	1	1	0	0	1	2	1	1	1	2	4	**1**
Populus balsamifera	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	**0**
Rosa pisocarpa	N	3	1	1	3	3	0	0	0	0	1	1	1	1	2	4	4	3	**2**
Rubus spectabilis	N	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	**0**
Salix hookeriana	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Salix lucida var. ***lasiandra (lasiandra)***	N	2	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	1	**0**
Salix scouleriana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Salix sitchensis	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	**1**
Sambucus nigra ssp. ***cerulea***	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Spiraea douglasii	N	2	4	4	5	7	4	4	2	3	3	3	4	3	2	0	0	0	**3**
Non-Native Shrub and Tree Species																			
Crataegus monogyna	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Invasive Shrub and Tree Species																			
Rubus armeniacus	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**0**
Native Shrub and Tree Count	**Woody Stem Count (Trees and Shrubs)**																		
Alnus rhombifolia	N	2	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**0**
Alnus rubra	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Cornus sericea ssp. ***sericea (alba)***	N	2	2	1	0	0	0	0	10	1	0	0	2	0	8	6	10	11	**3**
Crataegus douglasii	N	3	0	2	0	0	2	1	0	0	0	0	0	0	4	7	4	3	**1**
Lonicera involucrata	N	3	4	8	10	0	13	11	0	0	10	10	10	23	5	0	0	0	**7**
Malus fusca	N	2	0	0	0	0	0	0	0	0	0	0	0	0	1	7	1	1	**1**
Physocarpus capitatus	N	2	0	12	0	0	7	3	3	0	0	10	9	3	8	4	7	15	**5**
Populus balsamifera	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	**0**
Rosa pisocarpa	N	3	2	1	10	11	0	0	0	0	1	9	1	6	8	13	11	9	**5**
Rubus spectabilis	N	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	**0**
Salix hookeriana	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Salix lucida var. ***lasiandra (lasiandra)***	N	2	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	1	**0**
Salix scouleriana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Salix sitchensis	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	**1**
Spiraea douglasii	N	2	22	15	19	30	14	26	34	20	20	19	17	17	7	0	0	0	**16**
Summary Information																			**Habitat Average**	**Standard Error**
Cover of Invasive Shrubs and Trees			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**0**	0
Lower CI (80%)																			0	
Upper CI (80%)																			0	
Density of Woody Vegetation		Average per acre	1452	1984	1888	1984	1742	1984	2323	1016	1646	2323	1936	2420	2081	1791	2130	2178	**1930**	
Plot Area (shrub/tree plot)	900																			
entered in B63 is in sq.meters or 43,560 for	43560																			
Percent Cover of Native Shrubs and Trees			7	12	11	10	10	8	5	4	6	6	11	10	12	12	22	17	**10**	1
Lower CI (80%)																			9	
Upper CI (80%)																			12	
Sum of native plants/plot			30	41	39	41	36	41	48	21	34	48	40	50	43	37	44	45	**40**	
Does Plot Pass Native Cover Standard based on ≥ 50% Native Cover Y or N?			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
Does Plot Pass Native Cover Standard based on ≥ 1600 plants or stems per acre Y or N?			N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y		
Prevalence Index-woody strata			2	2	3	2	2	2	2	2	3	2	2	3	2	3	2	2	**2**	
Weighted Prevalence Index			16	28	28	23	24	19	10	8	15	14	25	25	28	31	51	43		
Sum of plant cover			7	12	11	10	10	8	5	4	6	6	11	10	12	12	22	18	**10**	

2025 Vegetation Monitoring	**Sample Date(s):**	6/10, 6/11, 6/16	***Percent (%) Cover***																																					
PFO Herbaceous Community			**T4-FH1**	**T4-FH2**	**T4-FH3**	**T4-FH4**	**T4-FH5**	**T4-FH6**	**T4-FH7**	**T4-FH8**	**T4-FH9**	**T4-FH10**	**T4-FH11**	**T4-FH12**	**T4-FH13**	**T4-FH14**	**T5-FH1**	**T5-FH2**	**T5-FH3**	**T5-FH4**	**T5-FH5**	**T5-FH6**	**T5-FH7**	**T5-FH8**	**T5-FH9**	**T5-FH10**	**T6-FH1**	**T6-FH2**	**T6-FH3**	**T6-FH4**	**T6-FH5**	**T6-FH6**	**T6-FH7**	**T6-FH8**	**T6-FH9**	**T6-FH10**		
Species	Origin (N, NN, I)	Wetland Status (1 - 5)																																				**Row Average**	
Native Herbaceous Species																																							
Achillea millefolium	N	4	10	0	5	0	8	0	0	0	10	12	0	0	30	10	25	62	44	70	12	50	0	0	0	60	0	0	0	0	0	0	0	0	0	0		**12**	
Agrostis exarata	N	2	20	40	25	0	0	30	7	10	20	25	0	0	10	15	0	25	5	20	7	30	5	30	20	0	15	10	30	25	30	20	0	5	15	0		**15**	
Deschampsia cespitosa	N	2	25	0	10	3	0	35	20	70	0	0	0	0	0	15	0	0	0	0	30	20	40	5	40	5	60	85	45	40	40	35	0	0	0	0		**18**	
Deschampsia elongata	N	2	5	0	5	0	0	0	0	0	10	0	0	0	0	5	0	8	5	10	0	0	0	30	10	0	5	0	0	10	15	5	0	15	0	0		**4**	
Elymus glaucus	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Epilobium densiflorum	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	3		**0**	
Epilobium ciliatum	N	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	1	0		**1**	
Grindelia integrifolia	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0		**1**	
Hordeum brachyantherum	N	2	7	0	40	0	0	15	0	7	25	3	0	0	0	5	10	5	3	0	1	0	5	0	2	5	0	0	3	0	0	0	0	0	0	0		**4**	
Lupinus rivularis	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	3	0	0		**1**	
Plagiobothrys scouleri	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	25	0	0		**1**	
Prunella vulgaris	N	4	30	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0		**1**	
Rorippa curvisiliqua	N	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0		**0**	
Invasive Herbaceous Species																																							
Anthoxanthum odoratum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Cirsium arvense	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		**0**	
Cirsium vulgare	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Convolvulus arvensis	I	5	0	0	0	0	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**2**	
Holcus lanatus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0		**0**	
Hypericum perforatum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Mentha pulegium	I	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Phalaris arundinacea	I	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0		**0**	
Schedonorus arundinaceus	I	3	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Senecio jacobaea	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Non-Native Herbaceous Species																																							
Agrostis stolonifera	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Anthemis cotula	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	25	60	40		**5**	
Daucus carota	NN	4	0	8	2	2	12	0	6	0	0	8	79	0	0	20	1	0	0	0	0	0	3	10	0	0	0	0	0	0	0	2	5	0	0	0		**5**	
Lactuca serriola	NN	4	0	0	0	0	0	1	0	1	0	5	2	0	1	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0	3	20	25	3	10		**2**	
Leontodon taraxacoides ssp.taraxacoides	NN	5	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Leucanthemum vulgare	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0		**0**	
Lolium perenne	NN	3	0	10	7	70	55	6	39	2	15	0	3	25	25	0	30	0	12	0	0	0	5	10	0	2	0	0	0	0	0	0	0	0	0	25		**10**	
Matricaria discoidea	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10		**0**	
Rumex crispus	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	2	0	0	0		**0**	
Sonchus asper	NN	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Tanacetum vulgare	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		**0**	
Trifolium pratense	NN	4	0	35	0	2	8	0	0	0	8	45	0	10	0	7	0	0	25	0	20	5	0	0	0	0	1	0	0	0	5	0	0	0	0	0		**5**	
Bare Substrate																																							
Bare ground and/or moss			3	6	6	5	5	13	5	10	6	0	10	0	26	10	14	0	0	0	0	0	12	5	5	8	9	3	12	25	9	11	5	0	2	12		**7**	
Dead sprayed weeds			0	0	0	15	10	0	15	0	0	0	0	0	0	0	20	0	0	0	0	0	30	0	0	20	0	0	0	0	0	0	0	0	0	0		**3**	
Shade, Woody Stem Cover & Water Depth																																							
Shade from woody plants			0	5	2	6	5	0	8	0	0	7	0	5	0	3	0	0	3	0	7	0	0	0	0	0	0	20	0	0	1	0	10	0	3	0		**3**	
Stem (basal) cover on ground			0	1	0	2	1	0	1	0	0	1	0	2	0	1	0	0	1	0	1	0	0	0	0	0	0	2	0	0	1	0	1	0	1	0		**0**	
Aerial cover of native trees/shrubs rooted in plot (w/ species4-letter code)			0	5	0	6	5	0	8	0	0	7	0	5	0	3	0	0	3	0	7	0	0	0	0	0	0	20	0	0	1	0	10	0	3	0			
Summary Information			**T3-FH1**	**T4-FH1**	**T4-FH2**	**T5-FH1**	**T5-FH2**	**T7-FH1**	**T7-FH2**	**T7-FH3**	**T7-FH4**	**T8-FH1**	**T8-FH2**	**T8-FH3**	**T8-FH4**	**T9-FH1**	**T9-FH2**	**T5-FH2**	**T5-FH3**	**T5-FH4**	**T5-FH5**	**T5-FH6**	**T5-FH7**	**T5-FH8**	**T5-FH9**	**T5-FH10**	**T6-FH1**	**T6-FH2**	**T6-FH3**	**T6-FH4**	**T6-FH5**	**T6-FH6**	**T6-FH7**	**T6-FH8**	**T6-FH9**	**T6-FH10**	**Habitat Average**	**Standard Error**
Cover of Native Herbaceous Species			97	40	85	4	8	80	27	87	65	41	1	0	48	50	35	100	62	100	76	100	50	65	97	70	90	95	78	75	85	84	15	55	16	3	**58**	5.7
Lower CI (80%)																																					51	
Upper CI (80%)																																					66	
Cover of Invasive Herbaceous Species			0	0	0	0	0	0	0	0	0	0	0	70	0	0	0	0	0	0	1	0	0	7	0	0	0	0	0	0	0	0	11	0	6	0	**3**	2
Lower CI (80%)																																					0	
Upper CI (80%)																																					5	
Bare Substrate			3	6	6	20	15	13	20	10	6	0	10	0	26	10	34	0	0	0	0	0	42	5	5	28	9	3	12	25	9	11	5	0	2	12	**10**	2
Lower CI (80%)																																					8	
Upper CI (80%)																																					13	
Native Diversity																																					**4 species meet diversity criteria: ACMI, AGEX, DECE, DEEL**	
Prevalence Index-herb strata			3	3	2	3	3	2	3	2	3	3	4	4	3	3	3	3	4	3	3	3	2	2	2	4	2	2	2	2	2	2	3	3	4	4	**3**	N/A
Weighted Prevalence Index			274	282	209	232	282	182	216	184	257	356	358	465	251	264	214	324	358	340	265	320	127	233	219	266	174	190	186	150	190	212	319	313	350	321			
Sum of herbaceous plant cover			97	93	94	78	84	87	79	90	94	104	90	105	74	89	66	100	99	100	99	105	58	95	97	72	91	95	88	75	90	89	93	105	97	88			

DAIRY CREEK MITIGATION BANK

2025 Vegetation Monitoring	Monitoring dates: 6/10, 6/11, 6/16																				
PFO Tree and Shrub Data	**Percent Cover %**																				
Species	Origin (N, NN, I)	Wetland Status (1 - 5)	**T4-F1**	**T4-F2**	**T4-F3**	**T4-F4**	**T4-F5**	**T4-F6**	**T4-F7**	**T5-F1**	**T5-F2**	**T5-F3**	**T5-F4**	**T5-F5**	**T6-F1**	**T6-F2**	**T6-F3**	**T6-F4**	**T6-F5**	**Row Average**	
Native Tree and Shrub Species:																					
Alnus rhombifolia	N	2	0	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	**0**	
Alnus rubra	N	3	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	**0**	
Cornus sericea ssp. ***sericea***	N	2	1	3	1	1	1	3	3	2	1	1	3	2	4	2	1	1	0	**2**	
Crataegus douglasii	N	3	1	1	1	0	1	1	1	1	3	1	0	0	2	2	1	1	0	**1**	
Frangula purshiana	N	3	1	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	1	**0**	
Lonicera involucrata	N	3	0	1	1	1	0	0	1	0	0	0	0	1	0	0	3	3	1	**1**	
Malus fusca	N	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	**1**	
Physocarpus capitatus	N	2	2	1	1	1	1	0	0	1	3	1	0	0	1	1	0	2	0	**1**	
Populus balsamifera	N	2	0	0	0	0	1	0	0	1	1	0	1	1	1	1	1	1	1	**1**	
Populus tremuloides	N	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	**0**	
Quercus garryana	N	4	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	**0**	
Ribes sanguineum	N	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	**0**	
Rosa pisocarpa	N	3	1	1	1	2	2	0	0	1	2	0	1	1	1	0	1	0	0	**1**	
Rubus spectabilis	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Salix hookeriana	N	2	0	0	0	0	0	1	0	0	1	0	0	0	2	0	0	0	0	**0**	
Salix lucida var. ***lasiandra***	N	2	1	1	1	1	1	1	1	0	1	0	1	0	0	0	1	2	3	**1**	
Salix scouleriana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Salix sitchensis	N	2	0	1	1	0	0	0	0	0	1	0	4	2	3	0	0	1	4	**1**	
Spiraea douglasii	N	2	1	1	1	0	1	1	1	0	3	2	0	1	3	0	3	1	1	**1**	
Non-Native Shrub and Tree Species																					
Crataegus monogyna	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Invasive Shrub and Tree Species																					
Rubus armeniacus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Native Shrub and Tree Count	**Woody Stem Count (Trees and Shrubs)**																				
Alnus rhombifolia	N	2	0	3	2	2	1	0	0	2	1	0	1	0	0	0	0	0	0	**1**	
Alnus rubra	N	3	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	**0**	
Amelanchier alnifolia	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Cornus sericea ssp. ***sericea***	N	2	7	21	6	3	4	19	21	8	3	2	14	9	14	7	3	2	0	**8**	
Corylus cornuta	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Crataegus douglasii	N	3	2	3	5	0	1	2	6	5	8	1	0	0	6	10	2	3	0	**3**	
Frangula purshiana	N	3	1	0	0	2	0	2	6	0	1	2	0	2	0	0	0	0	2	**1**	
Lonicera involucrata	N	3	0	3	1	2	0	0	1	0	0	0	0	1	0	0	11	9	4	**2**	
Malus fusca	N	2	10	5	5	5	2	1	3	2	1	3	0	0	0	2	5	2	0	**3**	
Physocarpus capitatus	N	2	15	1	4	8	9	0	0	2	8	5	0	0	1	4	0	6	0	**4**	
Populus balsamifera	N	2	0	0	0	0	2	0	0	1	2	0	4	2	2	1	1	3	3	**1**	
Populus tremuloides	N	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	**0**	
Quercus garryana	N	4	0	0	0	0	0	3	0	0	0	0	2	1	1	0	0	0	0	**0**	
Ribes sanguineum	N	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	**0**	
Rosa nutkana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Rosa pisocarpa	N	3	3	3	6	13	17	0	0	4	5	0	3	1	6	0	3	0	0	**4**	
Rubus spectabilis	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Salix hookeriana	N	2	0	0	0	0	0	2	0	0	2	0	0	0	4	0	0	0	0	**0**	
Salix lucida var. ***lasiandra***	N	2	3	2	4	2	1	7	2	0	3	0	2	0	0	0	4	7	11	**3**	
Salix scouleriana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Salix sitchensis	N	2	0	1	1	0	0	4	3	0	3	0	17	7	8	0	0	2	13	**3**	
Spiraea douglasii	N	2	4	2	1	0	1	2	2	0	6	7	0	8	10	0	11	3	1	**3**	
Summary Information																				**Habitat Average**	**Standard Error**
Cover of Invasive Shrubs and Trees			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
Lower CI (80%)																				0	
Upper CI (80%)																				0	
Density of Woody Vegetation		Average per acre	2275	2033	1597	1694	1791	2033	2178	1065	2033	968	2033	1646	2517	1162	1936	2517	1694	**1834**	
Plot Area (shrub/tree plot)	900																				
Per acre multiplier: Input 4,047 if plot area entered in B62 is in sq.meters or 43,560 for sq.feet	43560																				
Percent Cover of Native Shrubs and Trees			10	13	10	9	10	11	11	8	19	7	12	12	18	7	12	14	12	**11**	1
Lower CI (80%)																				10	
Upper CI (80%)																				12	
Sum of native plants /plot			47	45	35	37	38	42	45	24	43	20	43	34	52	24	40	38	35	**38**	
Does Plot Pass Native Cover Standard based on ≥ 50% Native Cover Y or N?			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
Does Plot Pass Native Cover Standard based on ≥ 1600 plants or stems per acre Y or N?			Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	N	Y	Y	Y		
Prevalence Index--woody strata			2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	**2**	
Weighted Prevalence Index			24	30	23	22	23	26	27	18	44	16	27	32	41	16	29	33	28		
Sum of plant cover			10	13	10	9	10	11	11	8	19	7	12	12	18	7	12	14	12		

DAIRY CREEK MITIGATION BANK

2025 Vegetation Monitoring	Sample Date(s):	6/10/2025, 6/11/2025, 6/16/2025																		
										Percent (%) Cover										
Buffer Herbaceous Community	Origin (N, NN, I)	Wetland Status (1 - 5)	T1-BUH1	T1-BUH2	T1-BUH3	T1-BUH4	T4-BWH1	T5-BUH1	T6-BUH1	T6-BWH1	T6-BWH2	S1-BUH1	S2-BUH1	S3-BUH1	S4-BUH1	S6-BUH1	S8-BUH1	S13-BUH1		
Species																			**Average**	
Native Herbaceous Species																				
Achillea millefolium	N	4	4	0	0	40	0	5	0	0	0	40	0	0	0	0	3	0	**6**	
Agrostis exarata	N	2	3	0	0	0	95	30	0	0	0	0	0	0	0	0	0	0	**8**	
Beckmannia syzigachne	N	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	**0**	
Bidens cernua	N	1	0	0	0	0	0	0	12	25	0	0	0	0	0	0	0	0	**2**	
Bromus carinatus	N	5	2	0	3	0	0	0	0	0	0	15	0	0	7	3	7	0	**2**	
Deschampsia cespitosa	N	2	65	40	8	5	0	20	0	0	3	5	30	10	10	5	0	50	**16**	
Deschampsia elongata	N	2	20	3	0	5	0	10	0	0	0	10	40	45	60	35	25	5	**16**	
Elymus glaucus	N	4	4	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	**1**	
Epilobium brachycarpum	N	3	0	5	3	0	0	0	0	0	0	1	5	0	0	6	0	0	**1**	
Epilobium densiflorum	N	2	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Equisetum arvense	N	3	0	0	0	0	0	0	0	15	0	0	0	0	0	0	30	0	**3**	
Festuca idahoensis ssp. Roemeri	N	4	0	0	2	0	0	0	0	0	0	0	0	40	0	6	0	0	**3**	
Gnaphalium palustre	N	2	0	0	0	0	0	0	40	40	40	0	0	0	0	0	0	0	**8**	
Grindelia integrifolia	N	2	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	**1**	
Hordeum brachyantherum	N	2	0	30	50	25	0	0	0	0	0	7	0	0	0	5	0	7	**8**	
Juncus bufonius	N	2	0	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**	
Limnanthes alba	N	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Madia elegans	N	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**0**	
Plagiobothrys scouleri	N	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	**0**	
Prunella vulgaris	N	4	6	0	0	0	0	8	0	0	0	0	0	0	0	0	0	1	**1**	
Rorippa curvisiliqua	N	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	**0**	
Veronica peregrina	N	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	**0**	
Invasive Herbaceous Species																				
Anthoxanthum odoratum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Cirsium arvense	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Cirsium vulgare	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Convolvulus arvensis	I	5	0	0	0	0	0	1	0	5	0	0	0	0	0	0	0	0	**0**	
Holcus lanatus	I	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	**0**	
Hypericum perforatum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Mentha pulegium	I	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Phalaris arundinacea	I	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Schedonorus arundinaceus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Senecio jacobaea	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Non-Native Herbaceous Species																				
Anthemis cotula	NN	4	0	0	0	0	0	0	10	8	40	0	0	0	0	0	0	0	**4**	
Daucus carota	NN	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	**0**	
Hypochaeris radicata	NN	5	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	**1**	
Kickxia elatine	NN	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	**0**	
Lactuca serriola	NN	4	0	0	0	0	0	0	3	0	0	0	0	0	5	5	0	0	**1**	
Lolium perenne	NN	3	0	0	0	0	0	0	2	0	5	15	0	0	0	0	0	1	**1**	
Plantago major	NN	3	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	**0**	
Raphanus sativus	NN	5	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	**0**	
Rumex crispus	NN	3	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	**0**	
Rumex obtusifolius	NN	3	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	**0**	
Sonchus asper	NN	4	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	**1**	
Trifolium pratense	NN	4	0	0	0	0	0	0	0	0	5	2	0	0	0	0	20	7	**2**	
Trifolium repens	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	**1**	
Vicia disperma	NN	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	**0**	
Bare Substrate																				
Bare ground and/or moss			0	9	17	0	0	21	25	0	0	5	3	0	10	20	3	9	**8**	
Dead sprayed weeds			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
Shade & Woody Stem Cover on Ground																				
Shade from woody plants			0	0	3	0	5	0	5	10	0	0	0	5	0	0	3	0	**2**	
Stem (basal) cover on ground			0	0	1	0	1	0	1	1	0	0	0	2	0	0	1	0	**0**	
Aerial cover of native trees/shrubs rooted in plot			0	0	3	0	5	0	5	10	0	0	0	5	0	0	3	0		

Summary Information			T1-BUH1	T1-BUH2	T1-BUH3	T1-BUH4	T4-BWH1	T5-BUH1	T6-BUH1	T6-BWH1	T6-BWH2	S1-BUH1	S2-BUH1	S3-BUH1	S4-BUH1	S6-BUH1	S8-BUH1	S13-BUH1	**Habitat Average**	**Standard Error**
Cover of Native Herbaceous Species			106	91	82	100	99	73	54	80	44	78	100	95	85	60	65	81	**81**	4.5
Lower CI (80%)																			75	
Upper CI (80%)																			87	
Cover of Invasive Herbaceous Species			0	0	0	0	0	1	0	5	0	0	0	3	0	0	0	0	**1**	0.4
Lower CI (80%)																			0	
Upper CI (80%)																			1	
Bare Substrate			0	9	17	0	0	21	25	0	0	5	3	0	10	20	3	9	**8**	2.2
Lower CI (80%)																			5	
Upper CI (80%)																			10	
Native Diversity													6 species meet the diversity criteria: ACMI, AGEX, DECE, DEEL, GNAP, HOBR							
Sum of herbaceous plant cover			106	91	82	100	99	79	74	107	100	95	100	98	90	80	97	91		

DAIRY CREEK MITIGATION BANK

2025 Vegetation Monitoring	**Sample Date(s):**	6/10/2025, 6/11/2025, 6/16/2025	**Percent Cover %**																	
Buffer Tree and Shrub Data	Origin (N, NN, I)	Wetland Status (1 - 5)	**T1-BU1**	**T1-BU2**	**T1-BU3**	**T1-BU4**	**T4-BW1**	**T5-BU1**	**T6-BU1**	**T6-BW1**	**T6-BW2**	**S1-UW1**	**S2-UW1**	**S3-UW1**	**S4-UW1**	**S6-UW1**	**S8-UW1**	**S13-UW1**	**S15-UW1**	Row Average
Native Tree and Shrub Species:																				
Abies grandis	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**0**
Acer circinatum	N	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Acer macrophyllum	N	4	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	0	**0**
Amelanchier alnifolia	N	4	1	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	**1**
Cornus sericea ssp. ***sericea (alba)***	N	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	**0**
Crataegus douglasii	N	3	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	**0**
Frangula (Rhamnus) purshiana	N	3	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	**0**
Fraxinus latifolia	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	**0**
Holodiscus discolor	N	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	**0**
Lonicera involucrata	N	3	1	0	0	1	1	1	0	1	3	1	1	0	1	0	0	0	1	**1**
Mahonia aquifolium	N	4	1	1	1	1	0	0	0	0	0	1	2	1	1	1	1	1	1	**1**
Malus fusca	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Physocarpus capitatus	N	2	1	0	1	1	1	1	0	0	4	1	0	0	0	0	1	0	1	**1**
Pinus pondserosa	N	4	0	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	**0**
Prunus emarginata	N	4	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	**0**
Quercus garryana	N	4	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	**0**
Ribes sanguinium	N	4	0	0	1	0	0	0	0	0	0	0	1	1	1	0	1	0	0	**0**
Rosa pisocarpa	N	3	4	6	4	3	1	1	0	1	1	3	2	1	2	1	1	3	0	**2**
Rubus spectabalis	N	3	2	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Sambucus racemosa	N	4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	**0**
Spiraea douglasii	N	2	0	0	0	0	3	2	8	9	7	0	0	0	0	0	0	0	0	**2**
Symphoricarpos albus	N	4	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	**1**
Non-Native Shrub and Tree Species																				
Crataegus monogyna	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Invasive Shrub and Tree Species																				
Rubus armeniacus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Native Shrub and Tree Count	**Woody Stem Count (Trees and Shrubs)**																			
Abies grandis	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**0**
Acer circinatum	N	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Acer macrophyllum	N	4	0	0	0	0	0	0	0	0	0	2	2	3	4	1	1	2	0	**1**
Amelanchier alnifolia	N	4	2	0	6	5	0	0	0	0	0	5	3	1	1	6	1	6	0	**2**
Cornus sericea ssp. ***sericea (alba)***	N	2	0	0	0	0	0	7	0	3	0	0	0	0	0	0	0	0	0	**1**
Crataegus douglasii	N	3	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	1	3	**1**
Frangula (Rhamnus) purshiana	N	3	0	0	0	0	0	0	0	0	0	2	1	1	0	1	2	3	2	**1**
Fraxinus latifolia	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	21	**2**
Holodiscus discolor	N	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	**0**
Lonicera involucrata	N	3	2	0	0	2	1	7	0	6	10	4	1	0	1	0	0	0	3	**2**
Mahonia aquifolium	N	4	2	2	5	3	0	0	0	0	0	2	9	3	6	3	4	3	3	**3**
Malus fusca	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	**0**
Physocarpus capitatus	N	2	1	0	1	3	3	3	0	0	11	1	0	0	0	0	5	0	2	**2**
Pinus ponderosa	N	4	0	1	0	0	0	0	0	0	0	3	1	1	0	1	1	2	0	**1**
Prunus emarginata	N	4	0	2	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	**0**
Quercus garryana	N	4	0	1	0	0	0	0	0	0	0	0	1	0	1	1	2	1	5	**1**
Ribes sanguinium	N	4	0	0	2	0	0	0	0	0	0	0	2	1	3	0	1	0	1	**1**
Rosa pisocarpa	N	3	29	39	23	19	1	1	0	2	1	12	13	6	7	6	5	15	13	**11**
Rosa nutkana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Rubus spectabalis	N	3	10	2	17	4	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
Sambucus racemosa	N	4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	**0**
Spiraea douglasii	N	2	0	0	0	0	23	14	30	31	22	0	0	0	0	0	0	0	0	**7**
Symphoricarpos albus	N	4	0	0	0	0	0	0	0	0	0	5	13	9	7	9	10	2	4	**3**
Summary Information																				**Habitat Average**	**Standard Error**
Cover of Invasive Shrubs and Trees			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	0
Lower CI (80%)																				0	
Upper CI (80%)																				0	
Density of Woody Vegetation		Average per acre	2275	2323	2614	1742	1355	1549	1452	2033	2130	1742	2420	1404	1500	1355	2033	1791	2759	**1910**	
Plot Area (shrub/tree plot)	900																				
Per acre multiplier. Input 4,047 if plot area entered in B101 is in sq.meters or 43,560 for	43560																				
Percent Cover of Native Shrubs and Trees			11	12	11	8	6	6	8	12	15	11	15	14	10	8	13	12	8	**11**	1
Lower CI (80%)																				10	
Upper CI (80%)																				11	
Sum of native plants /plot			47	48	54	36	28	32	30	42	44	36	50	29	31	28	42	37	57	**39**	
Does Plot Pass Native Cover Standard based on ≥ 50% Native Cover Y or N?			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
Does Plot Pass Native Cover Standard based on ≥ 1000 plants or stems per acre Y or N?			Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	N	N	N	Y	Y	Y		
Sum of plant cover			11	12	11	8	6	6	8	12	15	11	15	14	10	8	13	12	8	**11**	

DAIRY CREEK MITIGATION BANK

2025 Vegetation Monitoring	Sample Date(s):	6/18/2025								*Percent (%) Cover*									
Stream Annual Wet Zone Herbs			S1-A1	S2-A1	S3-A1	S4-A1	S5-A1	S6-A1	S6-A2	S7-A1	S10-A1	S11-A1	S11-A2	S12-A1	S12-A2	S13-A1	S14-A1	S16-A1	
Species	Origin (N, NN, I)	Wetland Status (1 - 5)																	**Average**
Native Herbaceous Species																			
Achillea millefolium	N	4	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Agrostis exarata	N	2	2	0	0	0	0	0	2	1	0	0	0	20	2	0	35	10	**5**
Amaranthus retroflexus	N	4	0	0	10	25	0	0	0	0	0	0	0	0	0	0	0	0	**2**
Beckmannia syzigachne	N	1	0	0	0	0	3	12	5	0	0	20	2	0	0	0	10	5	**4**
Bidens cernua	N	1	0	1	0	0	0	5	5	0	1	0	1	0	1	0	0	0	**1**
Carex scoparia	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	**1**
Carex species (assumed FACW or wetter)	N	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Chenopodium album	N	4	0	2	5	7	0	0	1	1	0	0	1	0	1	1	0	0	**1**
Cyperus erythrorhizos	N	1	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	**0**
Deschampsia cespitosa	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	**0**
Deschampsia elongata	N	2	5	0	0	0	10	0	0	2	0	0	0	0	0	1	0	0	**1**
Eleocharis acicularis	N	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**0**
Eleocharis obtusa (ovata)	N	1	0	0	0	0	0	15	25	1	0	10	3	5	0	0	0	0	**4**
Eleocharis palustris	N	1	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	**0**
Epilobium ciliatum	N	2	1	15	0	0	0	0	0	5	3	0	3	0	5	1	0	1	**2**
Epilobium densiflorum	N	2	0	0	0	0	0	0	0	0	0	0	0	0	2	20	0	0	**1**
Equisetum arvense	N	3	30	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	**2**
Gnaphalium palustre	N	2	0	0	3	0	8	15	20	25	65	30	50	53	65	2	3	6	**22**
Gnaphalum uliginosum	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4	**0**
Juncus bufonius	N	2	0	20	0	0	0	0	0	10	1	2	3	0	0	1	0	0	**2**
Juncus effusus	N	2	0	0	0	0	0	0	12	0	1	0	0	0	0	0	30	0	**3**
Juncus ensifolius	N	2	0	0	0	0	0	0	2	0	0	0	5	0	0	0	0	0	**0**
Juncus oxymeris	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	**0**
Leersia oryzoides	N	1	1	15	0	0	0	30	10	1	10	4	0	2	0	0	0	0	**5**
Mimulus guttatus	N	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	**0**
Myosotis laxa	N	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Panicum capillare	N	3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Plagiobothrys scouleri	N	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	**0**
Polygonum* (*Persicaria*) *hydropiperoides	N	1	0	0	12	20	0	0	0	0	0	0	0	0	0	1	0	0	**2**
Polygonum (Persicaria) lapathifolium	N	2	0	5	0	8	36	10	2	0	0	0	0	0	1	0	0	0	**4**
Psilocarphus elatior	N	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Ranunculus sceleratus	N	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Rorippa curvisiliqua	N	1	0	0	0	3	0	0	2	10	1	2	1	12	1	0	0	2	**2**
Typha latifolia	N	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	**0**
Veronica americana	N	1	0	0	0	0	0	2	25	1	0	1	3	0	1	30	7	0	**4**
Invasive Herbaceous Species																			
Anthoxanthum odoratum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Cirsium arvense	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Cirsium vulgare	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Convolvulus arvensis	I	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Holcus lanatus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	**0**
Hypericum perforatum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mentha pulegium	I	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Phalaris arundinacea	I	2	0	0	0	5	20	0	3	0	0	0	0	0	1	0	0	7	**2**
Schedonorus arundinaceus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Senecio jacobaea	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Non-Native Herbaceous Species																			
Agrostis stolonifera	NN	3	3	0	0	0	0	0	3	1	0	0	20	0	5	10	0	0	**3**
Daucus carota	NN	4	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Echinochloa crusgalli	NN	3	0	0	0	5	0	0	2	0	0	0	0	0	0	0	0	0	**0**
Lapsana communis	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**0**
Leucanthemum vulgare	NN	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Lolium perenne	NN	3	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Lotus corniculatus	NN	3	0	5	6	5	10	0	0	1	0	0	0	0	0	0	0	0	**2**
Lythrum portula	NN	1	0	0	0	0	0	5	1	0	1	12	0	0	0	0	0	0	**1**
Raphanus sativus	NN		0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	**0**
Rumex obtusifolius	NN	3	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	**0**
Sonchus asper	NN	4	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	**0**
Trifolium species	NN		5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Bare Substrate																			
Bare ground, unvegetated water, and/or moss			49	30	61	14	14	10	5	35	13	10	5	0	13	7	4	35	**19**
Dead sprayed weeds			0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	**1**
Shade, Woody Stem Cover & Water Depth																			
Shade from woody plants			8	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	**1**
Stem cover on ground			4	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	**0**
Approx. water depth (feet)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Summary Information			S1-A1	S2-A1	S3-A1	S4-A1	S5-A1	S6-A1	S6-A2	S7-A1	S10-A1	S11-A1	S11-A2	S12-A1	S12-A2	S13-A1	S14-A1	S16-A1	**Habitat Average**	**Standard Error**
Cover of Native Herbaceous Species			40	59	33	68	57	89	114	59	82	77	73	100	79	66	95	58	**72**	5.4
Lower CI (80%)																			65	
Upper CI (80%)																			79	
Cover of Invasive Herbaceous Species			2	0	0	5	20	0	3	0	0	0	0	0	1	3	0	7	**3**	1.3
Lower CI (80%)																			1	
Upper CI (80%)																			4	
Bare Substrate			49	30	61	14	14	10	5	35	13	10	5	0	13	17	4	35	**20**	4.4
Lower CI (80%)																			14	
Upper CI (80%)																			25	
Native Diversity																Diversity Criteria N/A				
Prevalence Index			3	2	3	3	2	1	1	2	2	1	2	2	2	2	2	2	**2**	N/A
Weighted Prevalence Index			127	142	108	231	181	119	177	124	156	122	197	173	177	156	173	107		
Sum of plant cover			50	70	39	86	87	94	123	65	85	89	93	100	87	81	95	65		

2025 Vegetation Monitoring	**Sample Date(s):** 6/18/2025		***Percent (%) Cover***																	
Stream Biennial Wet Zone Herbs	Origin (N, NN, I)	Wetland Status (1 - 5)	**S1-BH1**	**S2-BH1**	**S3-BH1**	**S4-BH1**	**S5-BH1**	**S6-BH1**	**S6-BH2**	**S9-BH1**	**S10-BH1**	**S11-BH1**	**S11-BH2**	**S12-BH1**	**S12-BH2**	**S13-BH1**	**S14-BH1**	**S15-BH1**	**S16-BH1**	
Species																				**Row Average**
Native Herbaceous Species																				
Achillea millefolium	N	4	1	0	0	0	1	0	0	5	0	0	0	20	35	8	0	10	0	**5**
Agrostis exarata	N	2	20	15	15	25	40	10	73	10	15	45	0	20	0	25	45	30	7	**23**
Beckmannia syzigachne	N	1	0	0	0	20	0	5	1	0	0	0	0	0	2	0	0	0	10	**2**
Bidens cernua	N	1	0	0	3	0	0	3	0	0	5	0	0	0	0	0	0	0	5	**1**
Bromus carinatus	N	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	**1**
Carex feta	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	**1**
Carex scoparia and/or C. ovalis	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	**1**
Deschampsia cespitosa	N	2	5	0	0	30	0	5	25	0	5	30	0	3	10	0	5	0	17	**8**
Deschampsia elongata	N	2	10	0	0	0	0	0	0	15	20	5	0	2	1	0	5	5	0	**4**
Elymus glaucus	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	0	**0**
Epilobium brachycarpum	N	3	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	**0**
Epilobium densiflorum	N	2	0	0	0	0	0	0	0	1	7	1	0	0	0	0	0	0	0	**1**
Epilobium ciliatum	N	2	0	10	20	2	9	20	0	0	3	1	15	0	1	0	7	0	1	**5**
Equisetum arvense	N	3	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
Festuca rubra ssp. ***rubra***	N	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	**0**
Fraxinus Latifolia seedling	N	2	0	0	0	0	0	5	0	1	1	1	0	0	1	0	0	10	0	**1**
Gilia capitata	N		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	**0**
Gnaphalium palustre	N	2	0	20	0	1	5	2	0	0	3	1	20	0	0	0	0	0	15	**4**
Gnaphalum uliginosum	N	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	**0**
Hordeum brachyantherum	N	2	0	0	0	0	0	0	0	0	1	0	0	0	5	0	0	0	0	**0**
Juncus acuminatus	N	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
Juncus bufonius	N	2	0	7	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	**1**
Juncus effusus	N	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	**0**
Juncus ensifolius	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	**0**
Juncus species (likely FACW)	N	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Leersia oryzoides	N	1	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
Lotus unifoliolatus (Acmispon americanus)	N	4	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	**1**
Madia elegans	N	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	**0**
Mimulus guttatus	N	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Navarretia intertexta	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Prunella vulgaris	N	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	**0**
Rorippa curvisiliqua	N	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	**0**
Veronica americana	N	1	0	1	5	0	0	0	0	0	0	0	0	0	1	0	0	0	5	**1**
Invasive Herbaceous Species																				
Anthoxanthum odoratum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Cirsium arvense	I	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Cirsium vulgare	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Convolvulus arvensis	I	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Holcus lanatus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Hypericum perforatum	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mentha pulegium	I	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Phalaris arundinacea	I	2	0	0	0	0	0	7	0	1	0	0	0	0	0	0	0	0	0	**0**
Schedonorus arundinaceus	I	3	0	0	0	0	0	0	0	0	0	0	0	7	2	0	3	0	0	**1**
Senecio jacobaea	I	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Non-Native Herbaceous Species																				
Agrostis stolonifera	NN	3	0	5	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	**2**
Daucus carota	NN	4	0	0	0	0	0	1	0	0	3	0	0	10	0	20	0	3	0	**2**
Hypochaeris radicata	NN	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**0**
Kickoia elatine	NN	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Lactuca serriola	NN	4	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	**0**
Lapsana communis	NN	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Lolium perenne	NN	3	0	0	10	0	0	2	0	0	0	0	0	7	7	0	0	0	0	**2**
Lotus corniculatus	NN	3	0	3	0	2	0	0	0	25	2	1	0	0	0	0	0	0	0	**2**
Plantago lanceolata	NN	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Polygonum persicaria (Persicaria maculosa)	NN	2	0	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Raphanus sativus	NN	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**0**
Rumex crispus	NN	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Rumex obtusifolius	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	**0**
Trifolium pratense	NN	4			0	0	0	0	0	0	0	0	0	0	1	25	0	2	0	**2**
Bare Substrate																				
Bare ground and/or moss			25	2	41	20	41	34	0	29	23	14	32	21	34	17	34	14	9	**23**
Dead sprayed weeds			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Shade, Woody Stem Cover & Water Depth																				
Shade from woody plants			8	0	4	0	5	10	2	0	0	1	1	2	0	1	7	0	0	**2**
Stem (basal) cover on ground (w/ species 4-letter code)			4	0	1	0	1	2	1	0	0	1	1	1	0	1	1	0	0	**1**
Aerial cover of native trees/shrubs rooted in plot			8	0	4	0	5	10	2	0	0	0	0	0	0	1	0	0	0	

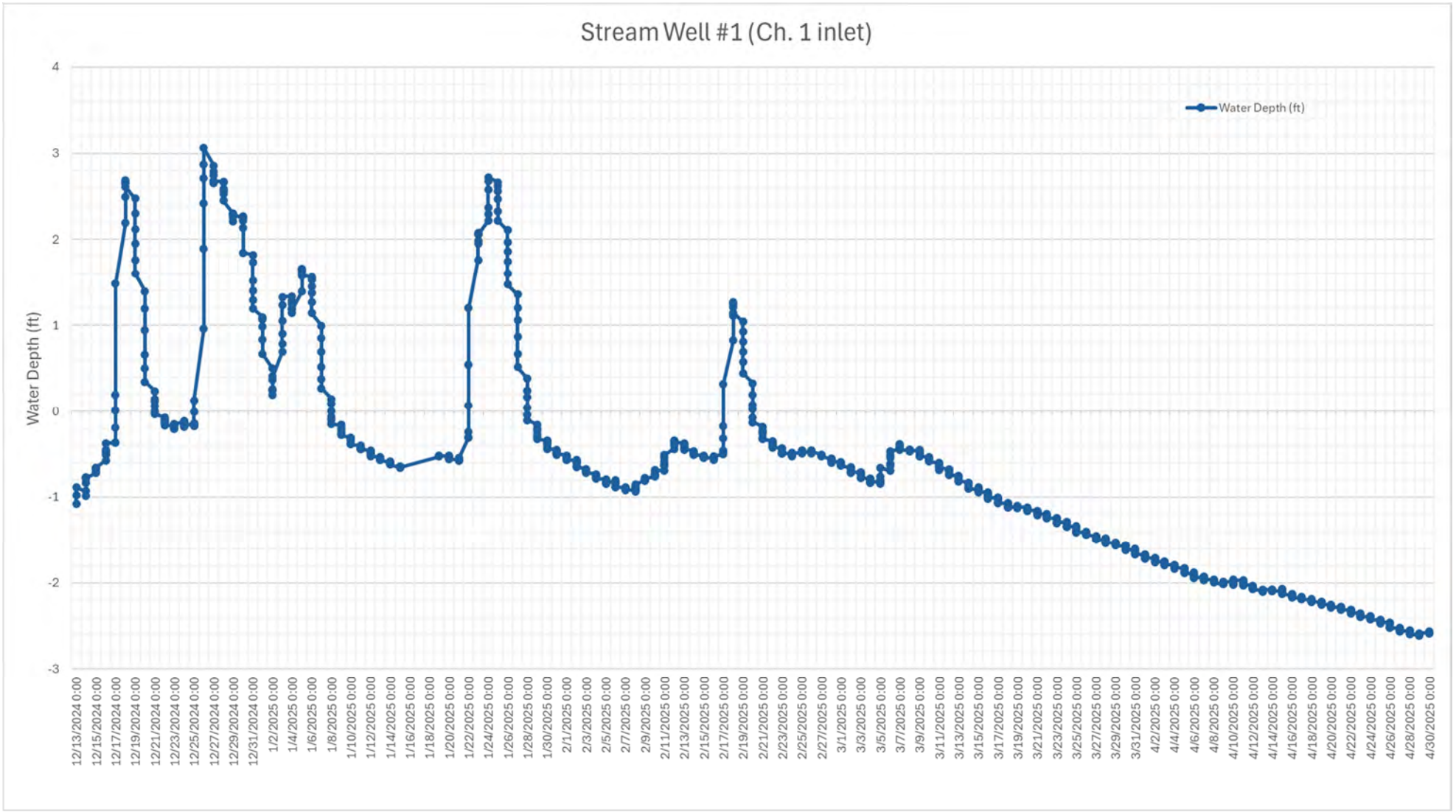
Summary Information			**S1-BH1**	**S2-BH1**	**S3-BH1**	**S4-BH1**	**S5-BH1**	**S6-BH1**	**S6-BH2**	**S9-BH1**	**S10-BH1**	**S11-BH1**	**S11-BH2**	**S12-BH1**	**S12-BH2**	**S13-BH1**	**S14-BH1**	**S15-BH1**	**S16-BH1**	**Habitat Average**	**Standard Error**
Cover of Native Herbaceous Species			71	85	48	78	55	52	99	43	64	84	42	54	56	36	62	79	91	**65**	4.5
Lower CI (80%)																				59	
Upper CI (80%)																				70	
Cover of Invasive Herbaceous Species			0	0	0	0	0	7	0	1	1	0	0	7	2	0	3	0	0	**1**	1
Lower CI (80%)																				1	
Upper CI (80%)																				2	
Bare Substrate			25	2	41	20	41	34	0	29	23	14	32	21	34	17	34	14	9	**23**	3
Lower CI (80%)																				19	
Upper CI (80%)																				27	
Native Diversity																				**4 species meet diversity criteria: ACMI, AGEX, DEEL, DECE**	
Prevalence Index-herb strata			3	2	2	2	2	2	2	3	2	2	2	3	3	3	2	3	2	**2**	N/A
Weighted Prevalence Index			179	171	118	142	121	128	197	194	164	171	159	241	210	281	133	255	166		
Sum of herbaceous plant cover			71	98	58	80	58	64	99	69	76	85	67	78	66	82	65	86	91		

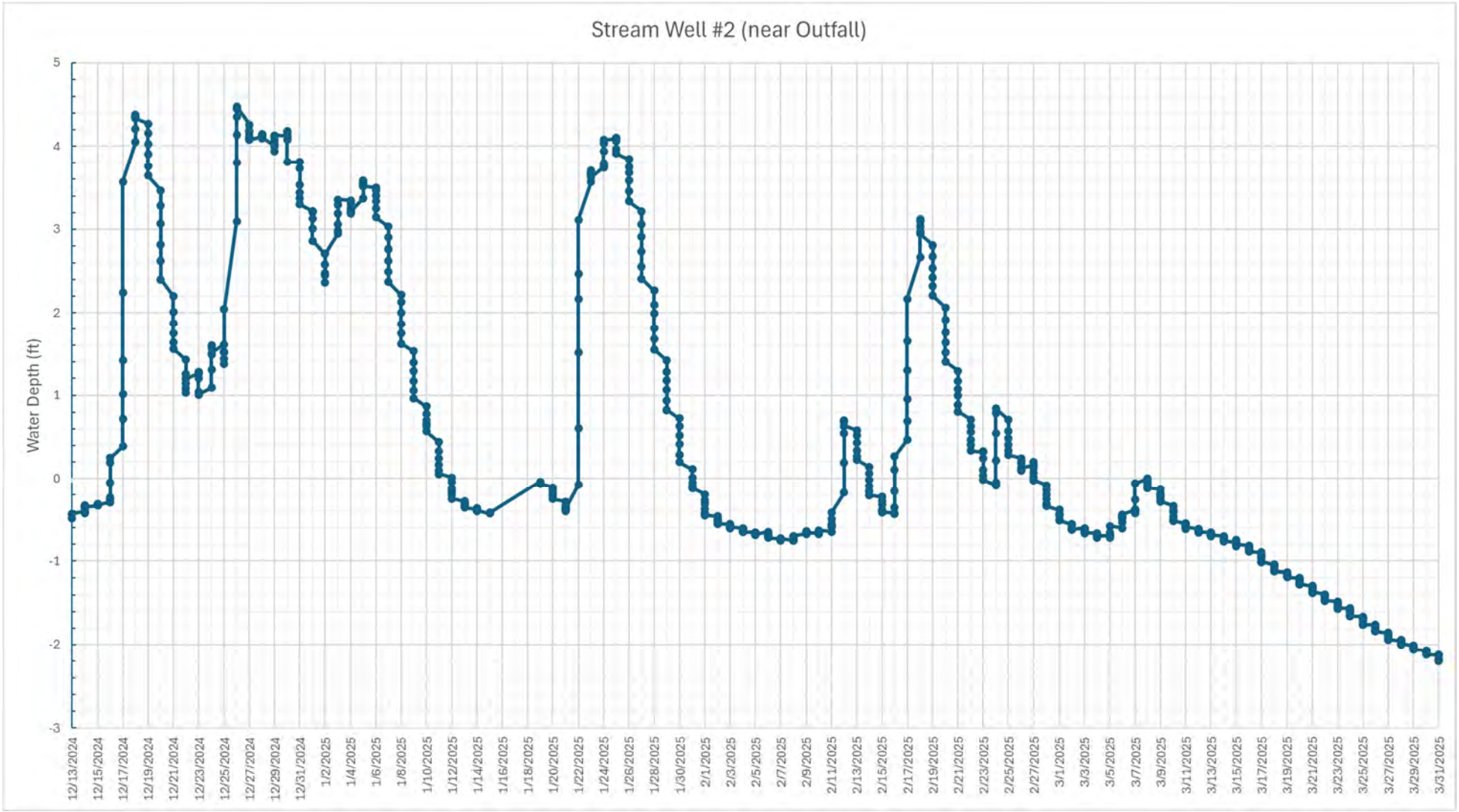
DAIRY CREEK MITIGATION BANK

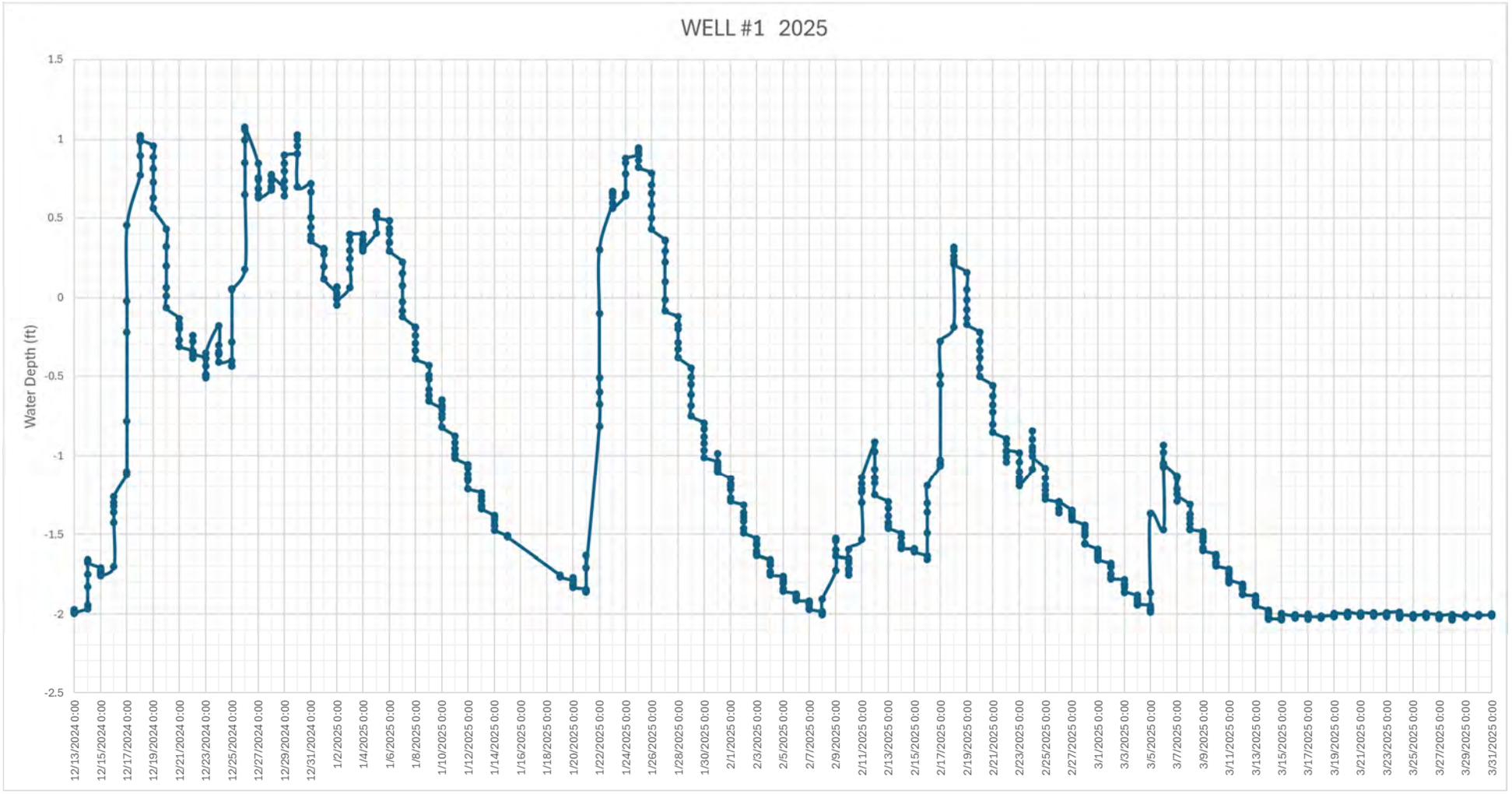
2025 Vegetation Monitoring	Monitoring dates: 6/18/2025																			
Stream Biennial Zone	**Percent Cover %**																			
Species	Origin (N, NN, I)	Wetland Status (1 - 5)	**S1-BW1**	**S2-BW1**	**S3-BW1**	**S4-BW1**	**S5-BW1**	**S6-BW1**	**S6-BW2**	**S9-BW1**	**S10-BW1**	**S11-BW1**	**S11-BW2**	**S12-BW1**	**S12-BW2**	**S13-BW1**	**S14-BW1**	**S15-BW1**	**S16-BW1**	**Row Average**
Native Tree and Shrub Species:																				
Alnus rubra	N	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	**0**
Cornus sericea ssp. ***sericea***	N	2	1	2	1	1	2	0	2	0	1	0	1	0	1	0	0	0	0	**1**
Frangula purshiana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	**0**
Fraxinus latifolia	N	2	0	1	0	0	0	1	0	0	1	1	0	0	1	0	0	2	0	**0**
Lonicera involucrata	N	3	0	0	0	0	2	0	2	0	1	2	0	0	0	0	0	0	0	**0**
Mahonia aquifolium	N	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	**0**
Malus fusca	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Physocarpus capitatus	N	2	0	0	1	1	0	2	0	5	1	1	1	1	1	0	0	0	0	**1**
Populus balsamifera	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	**0**
Prunus emarginata	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**0**
Quercus garryana	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Ribes sanguinium	N	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Rosa pisocarpa	N	3	0	0	0	2	0	0	0	0	0	1	2	1	1	0	1	1	0	**1**
Rubus spectabilis	N	3	0	0	0	0	2	0	0	0	1	1	0	0	0	0	0	0	0	**0**
Salix hookeriana	N	2	5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	**0**
Salix lucida var. ***lasiandra***	N	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Salix sitchensis	N	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**0**
Sambucus racemosa	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Spiraea douglasii	N	2	1	3	2	1	1	3	1	0	1	0	0	1	0	1	2	0	1	**1**
Symphoricarpos albus	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Non-Native Shrub and Tree Species																				
Crataegus monogyna	NN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Invasive Shrub and Tree Species																				
Rubus armeniacus	I	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Native Shrub and Tree Count	**Woody Stem Count (Trees and Shrubs)**																			
Alnus rubra	N	3	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7	**1**
Cornus sericea ssp. ***sericea***	N	2	2	3	2	1	3	0	7	0	1	0	1	0	1	0	0	0	0	**1**
Crataegus douglasii	N	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	**0**
Frangula purshiana	N	3	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	**0**
Fraxinus latifolia	N	2	0	7	0	0	0	8	0	0	8	1	7	0	3	0	0	25	3	**4**
Lonicera involucrata	N	3	0	0	0	0	2	0	3	0	3	4	0	0	0	0	0	0	0	**1**
Mahonia aquifolium	N	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	**0**
Malus fusca	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Physocarpus capitatus	N	2	0	0	4	1	0	7	0	2	3	2	3	4	4	0	0	0	0	**2**
Populus balsamifera	N	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	**0**
Prunus emarginata	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**0**
Quercus garryana	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Ribes sanguinium	N	4	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	**0**
Rosa pisocarpa	N	3	0	0	0	4	0	0	0	0	0	1	2	1	3	0	1	2	0	**1**
Rubus spectabilis	N	3	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0	0	0	**0**
Salix hookeriana	N	2	11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	7	**1**
Salix lucida var. ***lasiandra***	N	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Salix sitchensis	N	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	**1**
Sambucus racemosa	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**0**
Spiraea douglasii	N	2	2	8	8	4	5	6	4	0	2	0	0	5	0	1	5	1	1	**3**
Symphoricarpos albus	N	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	**0**
Summary Information																				**Habitat Average** / **Standard Error**
Cover of Invasive Shrubs and Trees			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0** / 0
Lower CI (80%)																				0
Upper CI (80%)																				0
Density of Woody Vegetation		Average per acre	4574	4138	3920	2396	2831	4574	3049	1525	3920	2396	2831	2178	2831	1742	1960	8276	5227	**3434**
Plot Area (shrub/tree plot)	200																			
Per acre multiplier: Input 4,047 if plot area entered in B62 is in sq.meters or 43,560 for sq.feet	43560																			
Percent Cover of Native Shrubs and Trees			10	7	6	6	7	6	5	9	6	6	4	3	5	6	5	10	6	**6** / 0
Lower CI (80%)																				6
Upper CI (80%)																				7
Sum of native plants /plot			21	19	18	11	13	21	14	7	18	11	13	10	13	8	9	38	24	**16**
Does Plot Pass Native Cover Standard based on ≥ 50% Native Cover Y or N?			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Does Plot Pass Native Cover Standard based on ≥ 1600 plants or stems per acre Y or N?			Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Prevalence Index--woody strata			2	2	3	2	3	2	2	2	2	3	3	2	2	2	3	3	3	**2**
Weighted Prevalence Index			20	14	16	14	18	12	12	21	14	16	10	7	12	13	15	30	15	
Sum of plant cover			10	7	6	6	7	6	5	9	6	6	4	3	5	6	5	10	6	

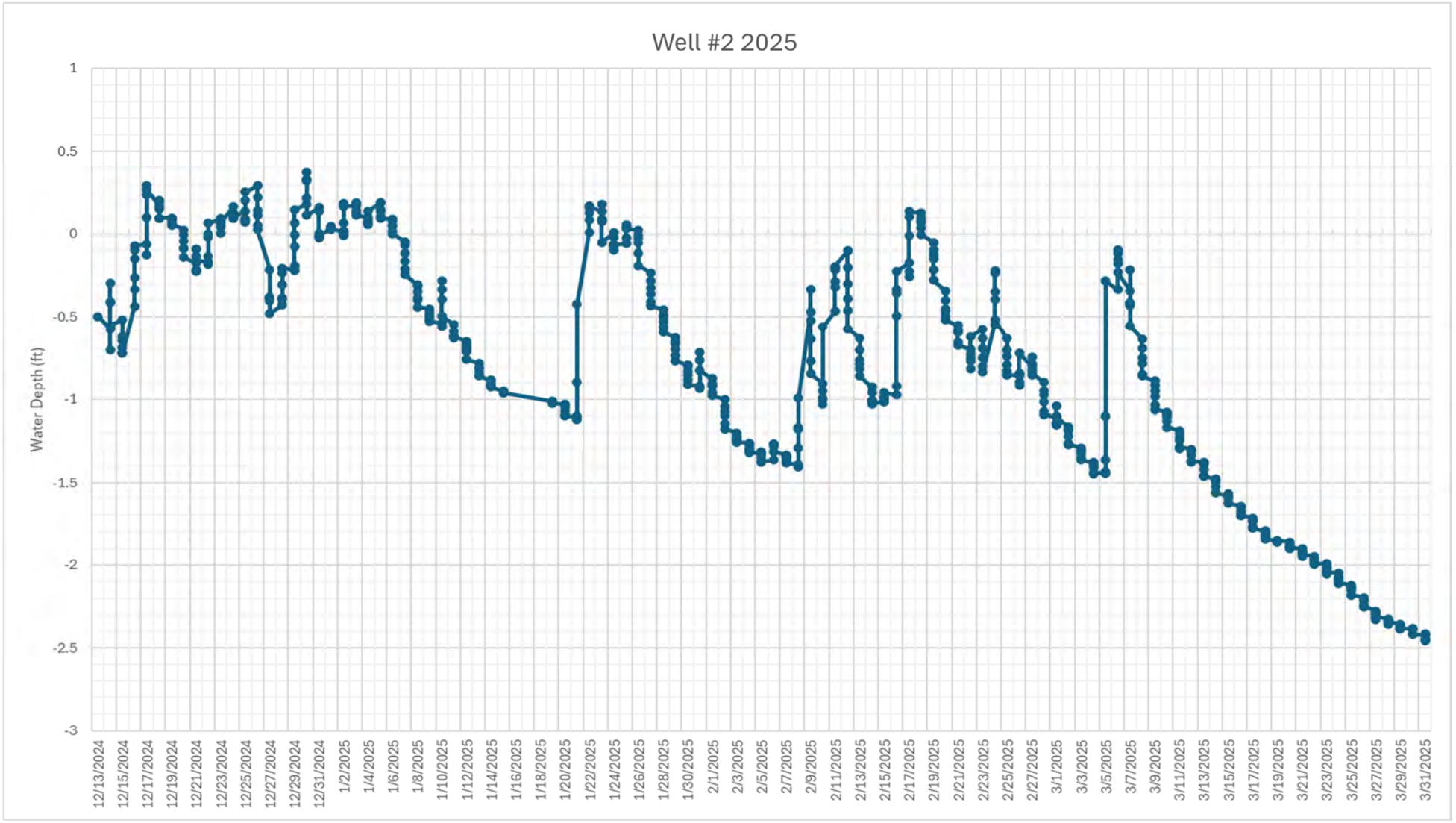
APPENDIX B: HYDROLOGY DATA AND PHOTOS

Appendix B: Shallow Observation Well Data 2025




Stream Well #2 (near Outfall)
Water Depth (ft)
5
4
3
2
1
0
-1
-2
-3
12/13/2024
12/15/2024
12/17/2024
12/19/2024
12/21/2024
12/23/2024
12/25/2024
12/27/2024
12/29/2024
12/31/2024
1/2/2025
1/4/2025
1/6/2025
1/8/2025
1/10/2025
1/12/2025
1/14/2025
1/16/2025
1/18/2025
1/20/2025
1/22/2025
1/24/2025
1/26/2025
1/28/2025
1/30/2025
2/1/2025
2/3/2025
2/5/2025
2/7/2025
2/9/2025
2/11/2025
2/13/2025
2/15/2025
2/17/2025
2/19/2025
2/21/2025
2/23/2025
2/25/2025
2/27/2025
3/1/2025
3/3/2025
3/5/2025
3/7/2025
3/9/2025
3/11/2025
3/13/2025
3/15/2025
3/17/2025
3/19/2025
3/21/2025
3/23/2025
3/25/2025
3/27/2025
3/29/2025
3/31/2025


WELL #1 2025
Water Depth (ft)
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
12/13/2024 0:00
12/15/2024 0:00
12/17/2024 0:00
12/19/2024 0:00
12/21/2024 0:00
12/23/2024 0:00
12/25/2024 0:00
12/27/2024 0:00
12/29/2024 0:00
12/31/2024 0:00
1/2/2025 0:00
1/4/2025 0:00
1/6/2025 0:00
1/8/2025 0:00
1/10/2025 0:00
1/12/2025 0:00
1/14/2025 0:00
1/16/2025 0:00
1/18/2025 0:00
1/20/2025 0:00
1/22/2025 0:00
1/24/2025 0:00
1/26/2025 0:00
1/28/2025 0:00
1/30/2025 0:00
2/1/2025 0:00
2/3/2025 0:00
2/5/2025 0:00
2/7/2025 0:00
2/9/2025 0:00
2/11/2025 0:00
2/13/2025 0:00
2/15/2025 0:00
2/17/2025 0:00
2/19/2025 0:00
2/21/2025 0:00
2/23/2025 0:00
2/25/2025 0:00
2/27/2025 0:00
3/1/2025 0:00
3/3/2025 0:00
3/5/2025 0:00
3/7/2025 0:00
3/9/2025 0:00
3/11/2025 0:00
3/13/2025 0:00
3/15/2025 0:00
3/17/2025 0:00
3/19/2025 0:00
3/21/2025 0:00
3/23/2025 0:00
3/25/2025 0:00
3/27/2025 0:00
3/29/2025 0:00
3/31/2025 0:00


Well #2 2025
Water Depth (ft)
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-3
12/13/2024
12/15/2024
12/17/2024
12/19/2024
12/21/2024
12/23/2024
12/25/2024
12/27/2024
12/29/2024
12/31/2024
1/2/2025
1/4/2025
1/6/2025
1/8/2025
1/10/2025
1/12/2025
1/14/2025
1/16/2025
1/18/2025
1/20/2025
1/22/2025
1/24/2025
1/26/2025
1/28/2025
1/30/2025
2/1/2025
2/3/2025
2/5/2025
2/7/2025
2/9/2025
2/11/2025
2/13/2025
2/15/2025
2/17/2025
2/19/2025
2/21/2025
2/23/2025
2/25/2025
2/27/2025
3/1/2025
3/3/2025
3/5/2025
3/7/2025
3/9/2025
3/11/2025
3/13/2025
3/15/2025
3/17/2025
3/19/2025
3/21/2025
3/23/2025
3/25/2025
3/27/2025
3/29/2025
3/31/2025

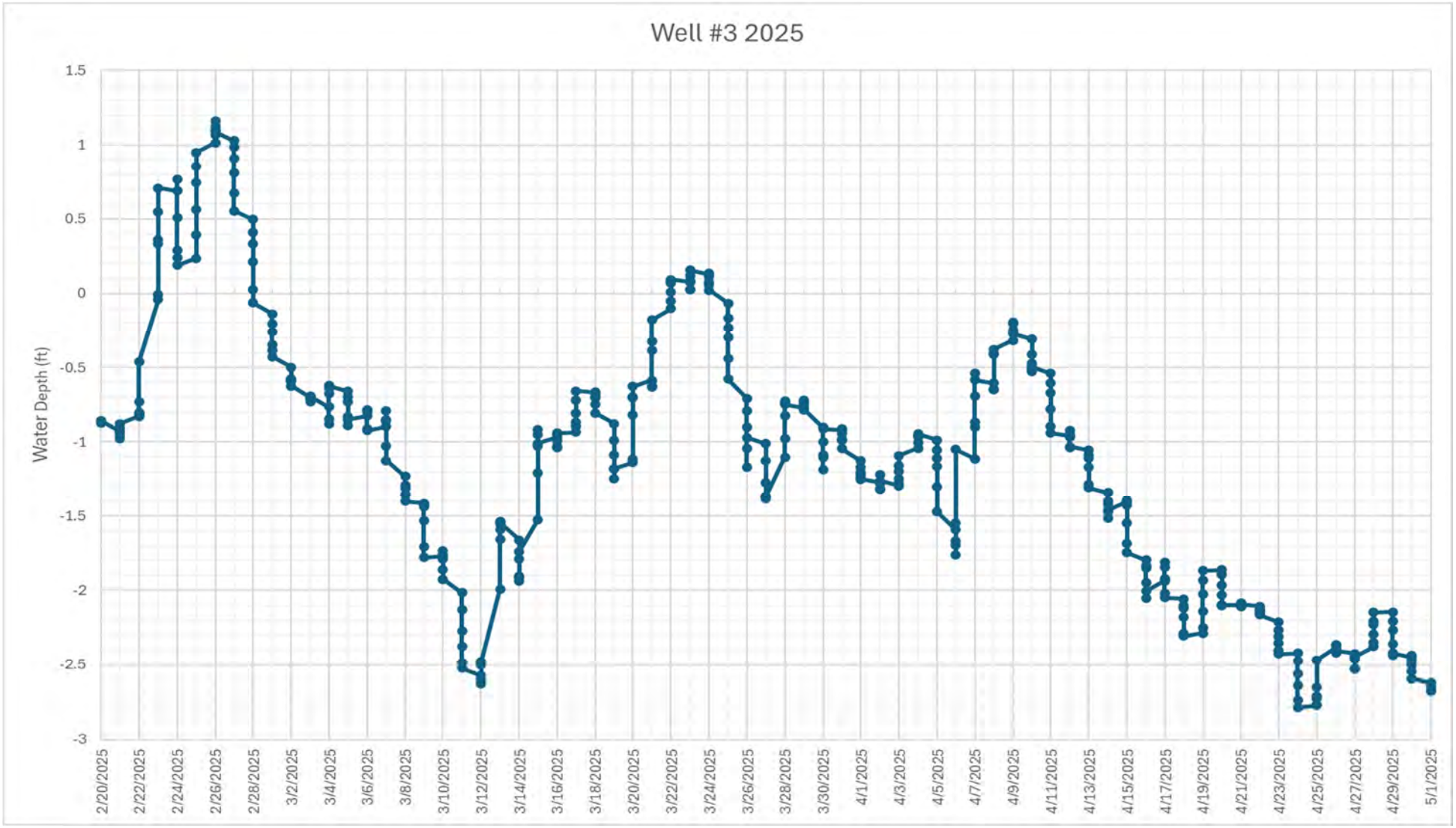

Well #3 2025
Water Depth (ft)
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-3
2/20/2025
2/22/2025
2/24/2025
2/26/2025
2/28/2025
3/2/2025
3/4/2025
3/6/2025
3/8/2025
3/10/2025
3/12/2025
3/14/2025
3/16/2025
3/18/2025
3/20/2025
3/22/2025
3/24/2025
3/26/2025
3/28/2025
3/30/2025
4/1/2025
4/3/2025
4/5/2025
4/7/2025
4/9/2025
4/11/2025
4/13/2025
4/15/2025
4/17/2025
4/19/2025
4/21/2025
4/23/2025
4/25/2025
4/27/2025
4/29/2025
5/1/2025

Photo 1: November 26, 2024. Suface water in the primary constructed channel facing west.

Photo 2: December 3, 2024. Surface water flow confined to low-flow channel near outlet, facing southeast.

Photo 3: December 19, 2024. Channel 1 inlet facing southwest at high flow.

Photo 4: December 19, 2024. Channel 1 staff gauge #1, at high flow. Surface water depth shown at 2.2 feet deep on gauge.

Photo 5: January 6, 2025. Channel inlet 1 facing north.

Photo 6: January 6, 2025. Surface water at high flow near the outlet, facing west.

Photo 7: January 15, 2025. Primary channel at low flow facing northeast.

Photo 8: January 15, 2025. Primary channel at low flow facing north. Staff Gauge #2 is out of water but water depth in channel approximately 6 inches.

Photo 9: January 24, 2025. Primary channel near outlet facing east. Low flow in channel bottom with 1-2 foot wetted width.

Photo 10: January 24, 2025. Primary channel near outlet facing east. Low flow in channel bottom with 1-2 foot wetted width.

Photo 11: February 20, 2025. Low flow near channel inlet 1 facing northwest.

Photo 12: February 20, 2025. Primary channel outlet facing east.

Photo 13: March 3, 2025. Confluence of Channel 2 and Channel 1 (primary channel) facing east.

Photo 14: March 15, 2025. Channel 1 near inlet facing west.

Photo 15: April 9, 2025. Low flow in the primary channel near the outfall.

Photo 16: May 1, 2025. Flow in the "Straight Channel" and aquatic wetland bench facing northwest.

APPENDIX C: PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPHIC DOCUMENTATION 2025

Photo Point 1 SE: Photo displays a log jam near the mouth of the constructed channel with native grass dominated banks. Photo captured on 7/22/25.

Photo Point 2 SW: Photo displays native dominated plant communities near the straight channel and native grass dominated upland buffer. Photo captured on 7/22/25.

Photo Point 3 SW: Photo displays upland buffer near the Straight Channel and the inlet of constructed Channel 3. Photo captured on 7/22/25.

Photo Point 4 NE: Photo displays the native grass dominated banks near the inlet of constructed Channel 2. Photo captured on 7/22/25.

Photo Point 4 SW: Photo displays the upland buffer that runs along the Straight Channel. Photo captured on 7/22/25.

Photo Point 5 SW: Photo displays constructed Channel 2 near the inlet. Photo captured on 7/22/25.

Photo Point 6 NE: Photo displays the inlet of constructed Channel 1. Photo captured on 7/22/25.

Photo Point 6 SE: Photo displays constructed Channel 1 near the inlet. Photo captured 7/22/25.

Photo Point 7 S: Photo displays native dominated plant communities within the upland buffer. Photo captured on 7/22/25.

Photo Point 7 W: Photo displays native dominated plant communities within the upland buffer. Photo captured on 7/22/25.

Photo Point 8 SE: Photo displays constructed Channel 1 near the mouth. Photo captured on 7/22/25.

Photo Point 9 N: Photo displays native herb dominated upland near a braided section of the constructed channel. Photo captured on 7/22/25.

Photo Point 9 S: Photo displays native dominated plant communities near the braided section of the constructed channel. Photo captured on 7/22/25.

Photo Point 10 W: Photo displays the upland buffer near the confluence of constructed channels 1 and 2. Photo captured on 7/22/25.

Photo Point 11 S: Photo displays upland buffer near constructed channel 1. Photo captured on 7/22/25.

Photo Point 12 W: Photo displays planting rows in the PSS area and access road. Photo captured on 7/22/25.

Photo Point 12 SW: Photo displays upland buffer area and PSS area. Photo captured on 7/22/25.

Photo Point 13 W: Photo displays upland buffer and PSS area. Photo captured on 7/22/25.

Photo Point 13 SW: Photo displays ponding in the PSS area and upland buffer. Wetland B is in the distance. Photo captured on 7/22/25.

Photo Point 14 W: Photo displays planted rows in the PFO area. Area had not yet been mowed. Photo captured on 7/22/25.

Photo Point 15 N: Photo displays the PEM area after mowing. Photo

Photo Point 15 W: Photo displays the PEM area after mowing; population

Photo Point 15 S: Photo displays the PEM area after mowing. Photo captured

Photo Point 16 N: Photo displays the PEM area after mowing. Photo captured on 7/22/25.

Photo Point 16 S: Photo displays the PEM area after mowing. Photo captured on 7/22/25.

Photo Point 17 N: Photo displays planted rows within the PSS area dominated by spike bentgrass, prior to mowing. Photo captured on 7/22/25.

Photo Point 17 E: Photo displays planted rows within the PSS area dominated by spike bentgrass. Photo captured on 7/22/25.

Photo Point 17 S: Photo displays planted rows within the PSS area dominated by spike bentgrass. Photo captured on 7/22/25.

Photo Point 18 W: Photo displays Wetland B dominated by beggar's tick. Photo captured on 7/22/25.

Photo Point 18 NW: Photo displays Wetland B dominated by beggar's tick and upland buffer. Photo captured on 7/22/25.

Photo Point 19 N: Photo displays planted rows within the PFO. Photo captured on 7/22/25.

Photo Point 19 E: Photo displays planted rows within the PFO. Photo captured on 7/22/25.

Photo Point 20 N: Photo displays planted rows in the PSS near the southern boundary of Phase 1. Photo captured on 7/22/25.

Photo Point 20 W: Photo displays the PSS near the southern boundary of Phase 1. Photo catpured on 7/22/25.

Stream Photo Point 1 NW: Photo displays the mouth of the constructed channel and West Fork Dairy Creek. Photo captured on 7/22/25.

Stream Photo Point 1 SE: Photo displays the log jam near the mouth of the constructed channel. Photo captured on 7/22/25.

Stream Photo Point 2 NE: Photo displays the repaired bank of the West Fork of Dairy Creek. Photo captured on 7/22/25.

Stream Photo Point 2 SW: Photo displays the repaired bank of the West Fork of Dairy Creek. Photo captured on 7/22/25.

Stream Photo Point 3 NE: Photo displays the aquatic bench along the Straight channel. Photo captured on 7/22/25.

Stream Photo Point 3 SW: Photo displays the aquatic bench along the Straight channel. Photo captured on 7/22/25.

Stream Photo Point 4 S: Photo displays constructed channel 3 near the inlet. Photo captured on 7/22/25.

Stream Photo Point 5 SW: Photo displays constructed Channel 2 near the inlet. Photo captured on 7/22/25.

Stream Photo Point 6 NE: Photo displays a log jam near the at the end of the braded section of the constructed channel. Photo captured on 7/22/25.

Stream Photo Point 6 SW: Photo displays Channel 1 near the connection with Channel 2. Photo captured on 7/22/25.

Stream Photo Point 7 SW: Photo displays the log jam at the end of the braided section of the constructed channel. Photo captured on 7/22/25.

Stream Photo Point 8 E: Photo displays Channel 1 near the connection with Channel 3. Photo captured on 7/22/25.

Stream Photo Point 9 N: Photo displays the constructed channel near the end of Channel 2. Photo captured on 7/22/25.

Stream Photo Point 9 SW: Photo displays constructed channel near the end of Channel 2. Photo captured on 7/22/25.

Stream Photo Point 10 E: Photo displays a section of constructed Channel 1 dominated by native herbs. Photo captured on 7/22/25.

Stream Photo Point 10 SW: Photo displays a section of constructed Channel 1 dominated by native herbs. Photo captured on 7/22/25.

Stream Photo Point 11 N: Photo displays a section of constructed Channel 1 between near the inlet. Photo captured on 7/22/25.

Stream Photo Point 11 W: Photo displays a section of constructed Channel 1 near the inlet. Photo captured on 7/22/25.

APPENDIX D: DRONE PHOTOS

DARY CREEK MITIGATION BANK: DRONE PHOTOS 2025

DP1: 11/26/2024 facing west. Surface water can be viewed in constructed streams and in wetlands. Mowed tree/shrub rows visible.

DP2: 11/26/2024 facing east. Water in the constructed channels at the outlet. Water quality visibly less turbid from DCMB channels at outfall.

DP3: 12/19/2024 facing west. High flows visible in stream channels and overbank flow of ~10 inches of surface water into the floodplain.

DP4: 12/19/2024 facing southeast. High flows in stream channels and overbank flow of ~10 inches of surface water into the floodplain.

DP5: 1/6/2025 facing west. Inundation in wetlands and flow in stream channels. Overbank flow of ~8 inches surface water into floodplain.

DP6: 1/6/2025 facing southwest. Inundation in wetlands and flow in stream channels. Overbank flow of ~8 inches surface water into floodplain.

DP7: 2/20/2025 facing southwest. Inundation in Wetlands A and B and flow in constructed stream channels.

DP8: 2/20/2025 facing east. Inundation in Wetlands A and B and flow in constructed stream channels.

DP9: 3/3/2025 facing west. Spring “green up” and inundation in the wetlands and stream channels.

DP10: 3/3/2025 facing southeast. Inundation in the wetlands and flow within the stream channels.

DP11: 4/17/2025 facing southeast. Low flows in the primary channel; channels 2 and 3 are dry.

DP12: 4/17/2025 facing east. Low flow in the primary channel and flow in the “Straight Channel”. Located at the outlet of stream system.

DP13: 6/11/2025 facing west. Wetland areas dominated by native grasses and left unmowed. Yarrow flowering the buffer areas.

DP14: 6/11/2025 facing west. Wetland areas are dominated by native grasses. Stream channels dominated by sedges and rushes.

DP15: 6/11/2025 facing east. Upland buffer and wetland area. Patterns within the rows created from selective herbicide use and boom spraying.

DP16: 6/11/2025 facing north. Wetland restoration areas surrounding Wetland B. Patterns within rows from selective herbicide boom spraying.

DP17: 7/22/2025 facing south. Surface water in the intermittent “Straight Channel”. Upland buffers push-mowed.

DP18: 7/22/2025 facing southeast. Field mowing in progress. PEM area mowed and sprayed for reseeding in fall 2025.

DP19: 7/22/25 facing east. Surface water in “Straight Channel”. Sedges and rushes within the stream channels. Field mowing in progress.

APPENDIX E: CREDIT LEDGER (2025)

DAIRY CREEK MITIGATION BANK CREDIT LEDGER: 1/1/2025 - 9/26/2025

WETLAND CREDIT LEDGER

Date	Transaction Type	Jurisdiction	Permitee / Transaction Information	Permit Number (DSL/Corps)	Wetland Impact Type	Number of Credits (ac.)	Balance of Credits after Transaction (ac.)
1/13/2025	Withdrawal	State/Federal	Trammel Crow Portland Development Inc.	65222-RF / NWP-2024-388	Flats/DO; PEM;	0.89	16.226
5/1/2025	Withdrawal	State/Federal	JT Roth Construction Inc.	65286-RF / NWP-2024-159	Flats; PEM/PSS;	0.37	15.856
5/19/2025	Withdrawal	State/Federal	Chad E Davis Construction LLC	APP0065410 / NWP-2025-00044	RFT; PEM;	0.044	15.812
5/23/2025	Withdrawal	State/Federal	Heather Street Owner, LLC	65009-RF / NWP-2023-301	Slope/Dep.; PEM;	1.28	14.532
6/6/2025	Withdrawal	State/Federal	Aligned Data Centers (PDX)	65406-RF / NWP-2022-0500	Slope/ RFT; PEM/PFO	0.42	14.112
6/17/2025	Withdrawal	State/Federal	Lakeshore Estates HOA	60714-RF / NWP-2017-472-1	RI; Slope;	0.39	13.722
7/3/2025	Withdrawal	State/Federal	Holt Holdings Oregon LLC	0065373 / NWP-2024-468	Slope; PEM;	0.27	13.452
7/28/2025	Withdrawal	State/Federal	City of Tigard	65344-RF / NWP-2025-62	Riverine; PEM/PFO;	0.22	13.232
Wetland Credits Released 2023-2024 (ac.): 18.216				**WL Credits Withdrawn 2025 (ac.): 1.13.844**			
Total Wetland Credits Released (ac.): 18.216				**Total WL Credits Withdrawn (ac.): 1. 4.984**			**Balance (ac.): 13.232**

STREAM CREDIT LEDGER

Date	Transaction Type	Jurisdiction	Permitee / Transaction Information	Permit Number (DSL/Corps)	Stream Impact Type	Number of Credits (lf)*	Number of Credits (ac.)*	Balance of Credits after Transaction (lf / ac.)
8/21/2025	Withdrawal	State/Federal	Chad E Davis Construction LLC	APP0065410 / NWP-2025-00044	perennial stream	4.545	0.005	1,511.325 lf / 1.52074 ac.
Stream Credits Released 2023-2024 (lf/ac.): 1,619.10 lf / 1.63 ac.				**Str. Credits Withdrawn 2025 (lf/ac.): 4.545 lf / 0.005 ac.**			*Note that the conversion from lf to sf is a 44:1 ratio.	
Total Stream Credits Released (lf/ac.): 1,619.10 lf / 1.63 ac.				**Total Str. Credits Withdrawn (lf/ac.): 107.775 lf / 0.10926 ac..**			**Balance (ac.):**	**1,511.325 lf / 1.52074 ac.**