Mitigation Monitoring Report Cover Sheet

1: Report Information

DSL Permit # 36499-RF Corps Permit # 200500621 Permittee: Wetland Systems, LLC
County: Clackamas Report Date: 12/20/2017
Monitoring Year: 9
Date Removal-Fill Activity Completed: NA
Date mitigation was completed: Grading: 2006; Planting: 2011
Date(s) of data collection: June 16 – 20, 2017
Report prepared by: Mark Vlahakis, Wetland Systems, LLC

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**.
- ■ **Mitigation Bank** Report
- ❑ Other _____

3: Results: *(add more rows if needed)*

	Performance standards (verbatim from permit)	Fully Met? (Y/N)	Comments/Reason for shortfall (mark NA if doesn't apply this year)
1.	Prairie – Percent Cover Native Species	Y	
2.	Prairie – Percent Cover Invasive Species	Y	
3.	Prairie – Vegetation Diversity	Y	
4.	Prairie – Percent Cover Trees & Shrubs	Y	
5.	PFO – Number of Native Trees & Shrubs	Y	
6.	PFO – Density of Native Shrub Species	Y	
7.	PFO – Percent Cover Native Herbaceous Species	Y	
8.	PFO – Percent Cover Invasive Species	Y	

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 ☒

FOSTER CREEK WETLAND MITIGATION BANK

2017 VEGETATION MONITORING REPORT

CLACKAMAS COUNTY, OREGON

Wetland Systems, LLC
2016 SE Henkle Road
Corbett, Oregon 97019

December 2017

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1 PROJECT OVERVIEW

Status and Location
Foster Creek Wetland Mitigation Bank is owned and operated by Wetland Systems, LLC. The Foster Creek Wetland Mitigation Bank was authorized with approval of the Instrument in June 2006 (Corps File Number: 200500621, and DSL Permit 36499-RF). Comments or questions concerning this report may be directed to the report's author: Mark Vlahakis at mvlahakis@q.com.

The site is located on S. Eaden Road near Barton in Clackamas County, Oregon. The Foster Creek Wetland Mitigation Bank (Bank) serves the Clackamas River basin below 1,200 feet, all of the Johnson Creek basin, all of the Abernathy Creek basin, and limited portions of the Willamette basin (around Oregon City and Milwaukie). Urban areas served by this bank include Damascus, Oregon City, portions of Gresham, Milwaukie, Portland, and Sandy; and unincorporated Clackamas County.

The Foster Creek Wetland Mitigation Bank provides Slope/Flats and Depressional wetlands according to the Hydrogeomorphic classification, and Palustrine Emergent and Palustrine Forested wetlands according to the Cowardin classification. The habitat focus of the Bank is seasonal wet prairie (55.4 acres) with a lesser amount of forested wetland (13.2 acres). The Bank has been approved for a total of 27.56 wetland mitigation credits, with 20.67 of those credits currently approved for release by regulatory oversight.

This is the ninth annual monitoring report for the Foster Creek Wetland Mitigation Bank, and seventh in succession following initial revegetation events (the 2008 annual report monitored revegetation test plots only). For purpose of discussion with this report, the site is segregated into two distinct areas related to current revegetation and vegetation monitoring activities: Wet Prairie and Forested Wetland (Figure 1).

The 68.6-acre wetland site area was fully planted in 2010, with grasses completed in 2009; forbs completed in 2010. Trees/shrubs were fully installed within the forested wetland in 2011 to complete the planting of the entire 68.6-acres. Supplemental plantings and seeding occur throughout the bank on an as-needed basis.

Summary of 2017 Credit Activity
The Foster Creek Bank is currently authorized for release of 75% (20.67) of the Bank's total credits (27.56). There were 0.51 credits sold in 2017. The total number of credits sold to-date is 19.20, with 1.47 credits currently available for transaction. A copy of the Bank's ledger is attached as Appendix A.

2 PERFORMANCE REQUIREMENTS

Summary of Vegetation Performance Standards
In 2014 a revision to the herbaceous diversity and tufted hairgrass performance standards for wet prairie were proposed by DSL/Corps and accepted by the Foster Creek Bank. The new standards replace the vegetation diversity and tufted hairgrass standards in the Bank Instrument (Table 16 of the Instrument) and are as follows:

1. Vegetation Diversity Standard:
   Delete the 2 standards under "Number of Native Species" and replace with the following: Number of native species: For Years 3-5, the wet prairie will contain a minimum of 6 native species, or groupings of native species, each with at least 5% cover averages across all wet prairie plots. To qualify as one of the species or groupings to be counted, the species or group will occur in at least 10% of the prairie plots and have at least 1% average cover.

2. Tufted Hairgrass Standard:
   In the two standards for Percent Cover of Native Species, delete the 2nd clause "with tufted hairgrass/camas >15% in years 1-2", and the clause with "tufted hairgrass/camas >20% in years 3-5".

Vegetation performance standards and the on-going performance status for the wet prairie and forested wetland habitats are presented in Tables 1 and 2. Refer to the "*Monitoring Results*" Section in Section 4 (Page 3) for details on the individual performance criteria results based on the 2017 monitoring. A table summarizing the percent cover and occurrence of all species within wet prairie plots is presented in Appendix B. Appendix C presents yearly comparisons of cover and occurrence for targeted species (2013 – 2017).

TABLE 1 - WET PRAIRIE PERFORMANCE STANDARDS

Wet Prairie Performance Criteria	Wet Prairie Performance Criteria Benchmark	Wet Prairie Performance Criteria Time Period	Wet Prairie Performance Criteria Status: 2009-2017
Percent Cover Native Species	>50% native species	2 Years	Met for 9 Years
Percent Cover Native Species	>60% native species	3 Years	Met for 7 Years
Percent Cover Invasive Species	<20% <15% for reed canarygrass	5 Years 5 Years	Met for 9 Years Met for 9 Years
Percent Cover Trees & Shrubs	<5%	5 Years	Met for 9 Years
Number of Native Species	≥6 native species with at least 5% cover	3 Years	Met for 4 Years*

* 2014 was the first year of implementation for this criterion

TABLE 2 - FORESTED WETLAND PERFORMANCE STANDARDS

Forested Wetland Performance Criteria	Forested Wetland Performance Criteria Benchmark	Forested Wetland Performance Criteria Time Period	Forested Wetland Performance Criteria Status: 2009 - 2017
# Native Tree/Shrub Species	Minimum 1 native tree species Minimum 3 native shrub species	5 Years 5 Years	Met for 9 Years Met for 9 Years
Density of Native Tree Species	Minimum of 240 stems per acre	5 Years	Met for 8 Years
Density of Native Shrub Species	Minimum of 320 stems per acre	5 Years	Met for 7 Years
Percent Cover Native Herbaceous Species	>50% cover	5 Years	Met for 6 Years
Percent Cover Invasive Species	<20% <15% reed canarygrass	5 Years 5 Years	Met for 7 Years Met for 9 years

3 METHODOLOGY

Vegetation Monitoring Methodology

Vegetation data collection follows protocols described in VEMA (Marshall 2007). Vegetation monitoring was conducted in early summer (June 16-20, 2017) by Jonas Moiel and Jeff Handley of GreenBanks, LLC., and categorized by the author.

Permanent monitoring transects have been laid out from a baseline transect running east to west across the property, establishing 13 monitoring transects running north and south from the baseline (Figure 1). Five transects on the north side of the baseline (T-1N to T-5N), and eight transects on the south side (T-1S to T-8S), were numbered sequentially from west to east (Transect T-8S is located slightly south of the

baseline to facilitate coverage in that area). A transect's first sample plot (S1) was located at a random distance from the baseline, with subsequent plots located at 100-foot intervals from the first plot to the end of the respective transect. GPS coordinates were recorded at transect end points and for all 102 plot points. Locations of the endpoints of the baseline and transects were field-marked with wooden stakes, and sample plot locations were marked with labeled pin flags. Capped rebar was installed at all these points to create permanent location markers.

For wet prairie monitoring, a total of 79 plots of 1m² were located along the transects to sample herbaceous vegetation within the wet prairie. In addition to the transect plots, four upland (prairie) plots of 1m² (Upland plots A, B, C, and D) were also established on the south side of the baseline. For forested wetland monitoring where trees and shrubs were installed, 19 circular plots with a radius of 30-feet were sampled within five transects (T-2N, T-3N, T-4N, T-7S, T-8S) to count individual stems of trees and shrubs. The flagged sample locations were used to mark the center of the circular plot. Each of the circular plots also contained a 1m² herbaceous plot nested within it, using the same flagged point to mark the lower left corner of the plot.

4 MONITORING RESULTS

Vegetation Monitoring Summary Data

Monitoring data was summarized based on the habitat type (wet prairie or forested wetland) and the performance criteria required of each. Data was summarized by averaging the results of each sample plot within each transect, and then averaging the results of all of the transects to obtain a site-wide result for each criteria. Table 3 summarizes the site-wide results for the respective performance criteria.

TABLE 3 – PERFORMANCE CRITERIA RESULTS

WET PRAIRIE HABITAT									
Criteria Performance	**Monitoring Results**								
	2009	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**
Native species cover >50%[1]	54%	64%	70%	74%	64%	60%	68%	78%	74%
Native species cover >60%[2]	54%	64%	70%	74%	64%	60%	68%	78%	74%
Non-native invasive species cover <20%[3]	11%	9%	7%	16%	10%	17%	13%	6%	6%
<15% for reed canarygrass[3]	0%	<1%	<1%	0%	0%	0%	0%	0%	<1%
Tree and shrub species cover <5%[3]	0%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%
≥6 native species/groups with ≥5% cover[2]	*	*	*	*	*	6	6	6	6

* 2014 was the first year of implementation for this criterion (see Section 2)

FORESTED WETLAND HABITAT									
Performance Criteria	**Monitoring Results**								
	2009	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**
Minimum of 1 native tree species[3] Minimum of 3 native shrub secies[3]	2 2	3 6	3 6	4 7	5 7	5 7	5 9	6 9	5 9
Minimum tree density of 240 stems/acre[3]	189	283	480	598	636	750	658	418	861
Minimum shrub density of 320 stems/acre[3]	6	240	473	602	602	549	563	370	659
>50% cover native herbaceous species[3]	49%	40%	48%	58%	54%	53%	61%	69%	65%
<20% cover non-native invasive species[3]	14%	42%	32%	15%	18%	13%	13%	12%	5%
<15% reed canarygrass[3]	0%	0%	0%	0%	0%	0%	0%	0%	0%

1 required for 2 years
2 required for 3 years
[3] required for 5 years

Additional Analysis
We have summarized the collected plot data for additional wet prairie criteria of interest outside of those specifically required by the Bank's performance standards (Table 4). Note that this additional criterion is not subject to the Bank's performance criteria as defined in the Instrument, but is summarized in order to facilitate identification of both short and long-term trends in vegetation composition which will assist site management efforts.

TABLE 4 – ADDITIONAL DATA ANALYSIS

		2009	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**
Number of Wet Prairie Indicator Species within Monitoring Plots [1]	VEMA Performance Standard = 10	6	17	36	34	24	37	37	25	22
Wet Prairie Moisture Index[2]	VEMA Performance Standard = 2.0 – 3.0	2.4	2.3	2.3	2.5	2.6	3.0	3.0	2.9	2.7
Total Species within Monitoring Plots[3]		83	104	105	86	105	107	107	96	86

[1] Wet prairie indicator species as identified in: *Vascular Plants of the prairies and associated habitats of the Willamette Valley-Puget Trough-Georgia Basin ecoregion, Present in Willamette Valley Section* (refer to: "Tom's Indicator List Wetland")
[2] Calculated average using the following indices for species recorded in the plots: OBL=1; FACW=2; FAC=3; FACU=4; UPL=5
[3] Total numbers of all species recorded within monitoring plots (wet prairie, upland, and forested wetland)

Discussion of Vegetation Performance

Wet Prairie – In 2017, all annual wet prairie performance categories were met (Table 3). With the change in the wet prairie vegetation diversity standard (2014) came a revised focus in vegetation management. We're now concentrating on a select group of native forb species to maintain target diversity. Native species within the monitoring plots decreased slightly from 78% in 2016 to 74% in 2017. Non-native invasive species as listed in the Instrument remained unchanged from last year at 6%.

Two individual species met the revised species cover criteria outright in 2017, *Deschampsia caespitosa*, and *Sidalcea nelsonii*, while four species groupings were included that meet the species cover criteria. The species groups include: *Carex* group (*Carex densa*, *C. feta*, *C. obnupta*, *C. pachystachya*, *C. stipata*, and *C. unilateralis*); FACW group (*Camassia quamash*, *Epilobium ciliatum*, *Epilobium densiflorum*, and *Symphyotrichum subspicatum*); FAC group (*Geum macrophyllum*, *Potentilla gracilis*, and *Triteleia hyacinthine*); FACU group (*Achillea millefolium*, *Acmispon americanus*, *Madia elegans*, *Penstemon rydbergii*, *Plectritis congesta*, and *Prunella vulgaris*).

For non-native species, the current trend is decreasing non-native and invasive forbs with increasing non-native and invasive grasses (Appendix C). Non-native herbaceous species cover decreased from 10.5% in 2016 to 7.2% in 2017 and non-native grass species increased from 4.8% in 2016 to 5.1% in 2017. Invasive forbs decreased from 3.7% in 2016 to 2.7% in 2017, and invasive grasses increased from 2.1% in 2016 to 3.5% in 2017. Species with over 1% cover in 2017 include: *Leontodon taraxacoides* at 2.2% (3.3% in 2016), *Lotus corniculatus* at 1.7% (0.8% in 2016), *Parentucellia viscose* at 2.4% (2.9% in 2016), *Anthoxanthum odoratum* at 1.6% (0.7% in 2016), *Bromus racemosus* at 2.9% (2.6% in 2016), *Holcus lanatus* at 1.8% (1.0% in 2016), and *Poa trivialis* at 1.5% (1.0% in 2016). These and other non-native species of concern will continue to be targeted for control in 2018.

Some additional noteworthy trends and observations revealed by the monitoring and personal observations throughout the year:

- Percent bare ground increased to 8% in 2017, a two-fold increase from 2016. We attribute this primarily to the marked increase in the site's vole population. Assuming, based on our observations, that the vole population is strongly influenced by an approximate 5-year cycle (as are Willamette Valley voles in general), this indicates that the peak in the vole's cycle will be 2018. This assumption is also borne out by the large amount of disturbed (bare) ground from burrow and runway construction that we're seeing during fall seeding. Because the seed bank is currently dominated by non-native species, we actively seed bare ground from vole and mole activity with a variety of native species in the fall and winter.
- Approximately 90% of the wet prairie was mowed in 2017. Mowing took place mostly in late fall to allow native species such as *Symphyotrichum*, *Epilobium*, *Madia*, and *Solidago* to mature their seed. We expect to reduce the mowed area in 2018 to less than half.
- Resident elk effectively browsed Sidalcea flower heads in 2017. We estimate over 90% of the plants were consumed while in flower. If this repeats itself in ensuing years it would potentially be a negative factor in maintaining the Sidalcea population.
- The first signs of native forb species emerging from the existing seed bank was observed this fall with *Epilobium* and *Sidalcea* species germinating from fresh mole mounds. Although observed in only a handful of locations, it is our first indication that the seed bank may be starting to turn towards native emergence. This is an ultimate goal for the site to become self-sufficient in the long term.

Forested Wetland – In 2017, all annual forested wetland performance categories were met (Table 3). Native herbaceous species cover decreased from last year (64.7% versus 69.4% in 2016), with invasive herbaceous cover reduced to 4.9% in 2017 compared to 11.9% in 2016 (target density is <20%), while non-native herbaceous species increased to 24.6% from 16.5% in 2016. The primary non-native species present in 2017 are *Anthoxanthum odoratum* at 10.7% (versus 4.1% in 2016), *Leontodon taraxacoides* at 4.0% cover (versus 9.6% in 2016), *Lotus corniculatus* at 4.0% (versus 2.3% in 2016), *Parentucellia viscosa* at 2.0% (versus 1.8% in 2016), and *Bromus racemosus* at 1.4% (versus 2.1% in 2016).

Stem counts for both trees and shrubs rebounded in 2017 due in-part to supplemental seeding and planting (Table 3). Tree density in 2017 was recorded as 861/acre (versus 418/acre in 2016), while shrub density was 659/acre (versus 370/acre in 2016).

5 CORRECTIVE ACTIONS AND RECOMMENDATIONS

Post monitoring corrective actions fall into two primary categories: (1) weed control to reduce the occurrence and density of targeted non-native species, and (2) native forb establishment to increase the density and occurrence of select native forb species. These two core activities are directed through an adaptive management process with numerous points of input taken into consideration, which includes formal monitoring.

Weed Control

Weed control efforts are on-going. In 2017 weed control activities concentrated primarily on spot spraying select herbicides performed with backpack applications coupled with some mowing. Spot spraying began in the spring and continued throughout the growing season. The prolonged wet spring hindered the use of herbicides, especially grass-specific ones used to eliminate non-native annuals early in their establishment.

Areas of the forested wetland that contain weedy herbaceous cover will be targeted in 2018, especially targeting the recent increase of *Anthoxanthum odoratum*. As tree and shrub canopies establish, most of the current crop of troublesome non-native species will be disadvantaged by shade. However, that canopy development could be several more years at the current growth rates so until then annual efforts will continue to reduce non-native densities.

Species Establishment

Establishing additional native species and increasing the density of select prairie cohort species is a core activity at the Bank. Species for establishment are selected each year based on monitoring results, availability, integration with weed management activities, and appropriateness for the Bank's habitats. Within the prairie, supplemental seeding (*Clarkia amoena, Clarkia purpurea, Danthonia californica, Collomia grandiflora, Ranunculus occidentalis,* and *Deschampsia elongota*) was performed in 2017. We seeded areas of the mowed sections of the wet prairie in the fall to combat the large areas of bare ground caused by the increased vole population. Mole mounds throughout the prairie are seeded as they appear with native forbs from late autumn into late winter. There were no new species incorporated in 2017.

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APPENDIX A

2017 CREDIT LEDGER

Foster Creek Wetland Mitigation Bank
Credit Ledger

Event / Credit Purchaser	Date	Total Credits Eligible for Release	Total Financial Assurance of Credits	ODSL Permit #	ACOE Permit #	HGM Class and Subclass					Cowardin Class			Credit Purchase	Total Credits Sold To Date	Total Potential Credits To Be Available
						Depress Closed	Depress Outflow	Slope/ Flats	Riverine Flow-Thru	Riverine Impound	PEM	PFO	PSS			
MBRT - MOA	6/30/2006	4.20	-	**36499-RF**	**200500621.00**									NA	0.00	27.56
DSL Initial Credit Release - 0.25	9/25/2006	4.20	0.25	**N/A**	**N/A**									NA	0.00	27.56
1 - Happy Valley credits	9/29/2006	4.20	0.25	**36838.00**	**N/A**									0.04	0.04	27.52
2 - Bella Ponte Cino credits	11/21/2006	4.20	0.25	**36943.00**	**N/A**									0.06	0.10	27.46
3 - Ossey Development credits	2/2/2007	4.20	1.00	**37080.00**	**N/A**									0.21	0.31	27.25
DSL 2nd Release of Initial Cr. - 0.75	2/7/2007	4.20	1.00											NA	0.31	27.25
Weed Control Release Request	2/21/2007	4.20	1.00											NA	0.31	27.25
4 - Clackamas County credits	4/4/2007	4.20	1.00	**37492.00**	**N/A**									0.01	0.32	27.24
5-Eastridge Covenant Church credits	4/24/2007	4.20	1.00	**26078.00**	**N/A**									0.04	0.36	27.20
As-Built Report Submittal	7/15/2007	8.40	1.00											NA	0.36	27.20
6 - Kosrow credits	7/30/2007	8.40	1.00	**37082.00**	**19991217.00**									0.08	0.44	27.12
7 - Quadrant Homes credits	8/1/2007	8.40	1.00	**38166.00**	**2007309.00**									0.03	0.47	27.09
8 - LIRA Development credits	9/17/2007	8.40	1.00	**N/A**	**2007495.00**									0.01	0.48	27.08
9 - Goodwood Homes credits	2/29/2008	8.40	1.00	**39444.00**	**2007928.00**			0.09				0.09		0.09	0.57	26.99
10 - Clackamas County credits	3/10/2008	8.40	1.00	**39516.00**	**2007894.00**			0.09	0.12		0.12	0.09		0.12	0.69	26.87
Corps Approval of Hydrol. Rpt.	5/16/2008	14.00	1.00											NA	0.69	26.87
11 - N. Clackamas School District credits	6/26/2008	14.00	1.00	**40136.00**	**2008168.00**			0.12			0.12			0.12	0.81	26.75
12 - Portland General Electic credits	7/21/2008	14.00	1.00	**40137.00**	**2008161.00**			0.01	0.01		0.02			0.02	0.83	26.73
Financial Assurance Purchase #3	7/23/2008	14.00	3.00											NA	0.83	26.73
DSL 3rd Release of Credit. - 2.0	7/28/2008	14.00	3.00											NA	0.83	26.73
13 - N. Clackamas School District credits	7/29/2008	14.00	3.00	**40596.00**	**2008310.00**			0.95			0.95			0.95	1.78	25.78
Credit Recalculation (-0.44)	10/20/2008	14.00	4.00											NA	1.78	25.78
DSL 4th Release of Credit. - 1.0	2/13/2009	14.00	4.00											NA	1.78	25.78

Foster Creek Wetland Mitigation Bank - Credit Ledger 2017

Event / Credit Purchaser	Date	Total Credits Eligible for Release	Total Financial Assurance of Credits	ODSL Permit No.	ACOE Permit No.	HGM Class and Subclass					Cowardin Class			Credit Purchase	Total Credits Sold To Date	Total Potential Credits To Be
						Depress Closed	Depress Outflow	Slope/ Flats	Riverine Flow-Thru	Riverine Impound	PEM	PFO	PSS			
14A - Oregon Military Department credits	2/16/2009	14.00	4.00	**40597.00**	**200800143.00**	0.48		0.48		0.48	0.96		0.48	1.44	3.22	24.34
14B - Oregon Military Department credits	2/16/2009	14.00	4.00	**EN -4838**	**N/A**	0.08		0.07		0.07	0.14		0.08	0.22	3.44	24.12
15 - NACO Land II credits	3/12/2009	14.00	4.00	**39536.00**	**200700963.00**			0.41			0.21		0.20	0.41	3.85	23.71
DSL Approval of Hydrology Rpt.	4/3/2009	14.00	4.00											NA	3.85	23.71
DSL 5th Release of Credit. - 1.0	9/4/2009	14.00	5.00											NA	3.85	23.71
16 - Oregon Military Department credits	9/16/2009	14.00	5.00	**EN -4838**	**N/A**	0.10		0.09		0.09	0.18		0.10	0.28	4.13	23.43
DSL 6th Release of Credit - 2.00	1/18/2011	14.00													4.13	23.43
17 - Oregon City Public Works	1/18/2011	14.00	7.00	**44900-RF**	**NWP-2010-32**						1.37			1.43	5.56	22.00
18 - Bonneville Power Admin.	5/13/2011	14.00	7.00	**46502-RF**	**N/A**			0.10					0.10	0.10	5.66	21.90
19 - Oregon Dept. of Transportation	5/13/2011	14.00	7.00	**16401-RF, 26248-**	**1999-00021, 2002-**			0.45			0.45			0.45	6.11	21.45
20 - Bonneville Power Admin. Credits	5/18/2011	14.00	10.00	**46157-RF**	**NWP-2011-438**	3.64						1.14	2.50	3.64	9.75	17.81
21 - Bonneville Power Admin. Credits	7/27/2011	14.00	10.00	**46502-RF**	**NWP-2011-88**			0.03					0.03	0.03	9.78	17.78
22 - Newland Communities	11/23/2011	14.00	12.00	**37480-RF**	**NWP-2006-888**			1.23			1.23			1.23	11.01	16.55
Conditional/Partial Approval of Planting	12/15/2011	17.91	12.00													
23 - Allen Properties, LLC	4/13/2012	17.91	12.00	**48456-RF**	**NWP-2011-513**			0.05			0.05			0.05	11.06	16.50
24 - AT Properties	1/4/2013	17.91	12.00	**52049-RF**	**NA**			0.05			0.05			0.05	11.11	16.45
25 - Oregon Dept. of Transportation	1/15/2013	17.91	12.00	**52103-RF**	**NWP-2012-482**		0.04	0.27	0.02		0.31	0.03		0.34	11.45	16.11
26 - Clackamas County DTD	1/28/2013	17.91	12.00	**52031-RF**	**N/A**			0.30			0.29		0.01	0.30	11.75	15.81
27 - ODOT	4/1/2013	17.91	12.00	**52265-RF**	**NWP 2012-513**							0.02		0.02	11.77	15.79
28 - Douglas Ridge Rifle Club	8/19/2013	17.91	12.00	**WD 11-0054**	**NWP 2009-574**			0.39			0.39			0.39	12.16	15.40
29 - TA Liesy	7/3/2014	17.91	12.00	**NA**	**NWP-2013-81**				0.01		0.02			0.02	12.18	15.38
Ray Gannon	7/25/2014	17.91	12.00	**55884-RF**	**NWP-2014-094**		0.10						0.10	0.10	12.28	15.28
DSL 9th Release of Credit - 3..0	7/30/2014	17.91	15.00											N/A		
Clackamas Co. Delopment Agency	7/30/2014	17.91	15.00	**N/A**	**NWP-2012-181**			0.25				0.25		0.25	12.53	15.03
Clackamas County DTD	7/30/2014	17.91	15.00	**56071-RF**	**NWP-2001-996-1**			0.09			0.09			0.09	12.62	14.94
Trog Properties, LLC	7/30/2014	17.91	15.00	**55754-RF**	**NWP-214-50**			1.45			1.45			1.45	14.07	13.49

Foster Creek Wetland Mitigation Bank - Credit Ledger 2017

Event / Credit Purchaser	Date	Total Credits Eligible for Release	Total Financial Assurance of Credits	ODSL Permit No.	ACOE Permit No.	HGM Class and Subclass					Cowardin Class			Credit Purchase	Total Credits Sold To Date	Total Potential Credits To Be Available
						Depress Closed	Depress Outflow	Slope/ Flats	Riverine Flow-Thru	Riverine Impound	PEM	PFO	PSS			
Taliesin Homes NW, LLC	1/7/2015	17.91	15.00	**APP0055227**	**NWP-2014-00022**		0.32			0.32				0.32	14.39	13.17
Clackamas DTD	3/28/2015	17.91	15.00	**56978-RF**	**NA**		0.20				0.20			0.20	14.59	12.97
The Holt Group	4/24/2015	17.91	15.00	**56156-RF**	**NWP-2014-49**		0.20			0.20				0.20	14.79	12.77
Vanport Manufacturing	6/4/2015	17.91	15.00	**57104-RF**	**NWP-2015-13**				0.0633	0.0633				0.07	14.86	12.70
Jim Smith Excavating	6/17/2015	17.91	15.00	**56550-RF**	**NWP-2014-253**		0.13			0.13	0.13			0.13	14.99	12.57
PGE	6/24/2015	17.91	15.00	**57606-RF**	**NWP-2015-110**		0.0052	0.0062		0.0023		0.0091	0.0091	0.01	15.00	12.56
Graymor	7/28/2015	17.91	15.00	**55217-RF**	**NWP-2013-441**		2.80			2.80				2.80	17.80	9.76
The Holt Group	9/20/2015	17.91	15.00	**58132-FP**	**NWP-2015-265**		0.01			0.01				0.01	17.81	9.75
Rian Tuttle	12/3/2015	17.91	15.00	**57922-FP**	**NWP-2015-183**		0.49			0.49				0.49	18.30	9.26
Johnson Estates, LLC	3/20/2016	20.67	20.67	**58680-RF**	**NWP-2016-24**		0.04					0.04	0.04	0.04	18.34	9.22
Rian Tuttle	8/22/2016	20.67	20.67	**59024-FP**	**NWP-2015-69-1**		0.01			0.01				0.01	18.35	9.21
Tara Partners, LLC	9/10/2016	20.67	20.67	**59240-RF**	**NWP-2016-328**		0.07			0.07				0.07	18.42	9.14
Gary Bullock	10/14/2016	20.67	20.67				0.03	0.03		0.03	0.03			0.03	18.45	9.11
Jackson Hills	12/15/2016	26.18	27.56	**590002-FP**	**NWP-2016-154**			0.24			0.24			0.24	18.69	8.87
PGE	6/9/2017	26.18	27.56	**57606-RF Mod**	**NWP-2015-110/2**		0.47				0.47			0.47	19.16	8.40
Geo Development	7/12/2017	26.18	**27.56**	**60168-FP**	**NWP-2017-193**			0.04			0.04			0.04	19.20	8.36

APPENDIX B

2017 Percent Species Cover by Plot

Wetland Prairie Habitat Unit								Transect T1-N Plot Number								Transect T1-S Plot Number								Transect T2-N Plot Number								Transect T2-S Plot Number								
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	7	8	1
Botanical Name																																						
Achillea millefolium	N	1	0.46	0.00	0.00	FACU	0.46	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
Acmispon americanus (= Lotus purshianus)	N	1	2.32	0.00	0.00	FACU	2.32	0	0	0	0	2	2	1	5	0	0	0	0	2	0	0	0	7	8	2	25	0	0	0	25	30	0	0	0	0	0	5
Aira caryophylla	NN	2	0.00	0.00	0.00	FACU	0.00	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
Allium vineale	NN	2	0.00	0.00	0.00	FACU	0.00	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
Anagallis arvensis	NN	2	0.00	0.10	0.00	NI	0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
Aquilegia formosa	N	1	0.00	0.00	0.00	FAC	0.00	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
Camassia quamash	N	1	1.58	0.00	0.00	FACW	1.58	5	0	0	8	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
Cardamine occidentalis	N	1	0.04	0.00	0.00	FACW	0.04	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	0
Carex densa	N	1	1.89	0.00	0.00	OBL	1.89	0	8	0	0	0	0	0	0	15	10	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	3	7	0	14	0	0
Carex feta	N	1	2.03	0.00	0.00	FACW	2.03	0	0	0	4	12	0	15	0	5	0	0	3	8	0	0	0	0	0	0	0	0	7	8	0	0	0	2	0	0	0	0
Carex leptopoda	N	1	0.00	0.00	0.00	FAC	0.00	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
Carex obnupta	N	1	2.66	0.00	0.00	OBL	2.66	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	85	0	0	0	0	0	0	0	0	0
Carex pachystachya	N	1	1.18	0.00	0.00	FAC	1.18	12	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
Carex stipata	N	1	0.13	0.00	0.00	FAC	0.13	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
Carex unilateralis	N	1	1.46	0.00	0.00	FACW	1.46	0	0	0	0	0	0	25	0	5	5	0	45	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	8	0	0	0
Centaurium erythraea (= C. umbellatum)	NN	2	0.00	0.15	0.00	FAC	0.15	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
Cerastium arvense	N	1	0.00	0.00	0.00	FACU	0.00	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
Cerastium fontanum ssp. Vulgare	NN	2	0.00	0.18	0.00	FACU	0.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerastium glomeratum (= C. viscosum)	NN	2	0.00	0.04	0.00	FACU	0.04	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	0.00	0.00	0.03	FAC	0.03	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	3	0.00	0.00	0.00	FACU	0.00	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
Clarkia amoena	N	1	0.23	0.00	0.00	NI	0.23	2	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collinsia grandiflora	N	1	0.00	0.00	0.00	NI	0.00	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
Collomia grandiflora	N	1	0.00	0.00	0.00	NI	0.00	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
Crepis capillaris	NN	2	0.00	0.00	0.00	FACU	0.00	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
Daucus carota	I	3	0.00	0.00	0.00	FACU	0.00	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
Dichelostemma congestum	N	1	0.00	0.00	0.00	NI	0.00	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
Downingia elegans	N	1	0.01	0.00	0.00	OBL	0.01	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
Eleocharis acicularis	N	1	0.00	0.00	0.00	OBL	0.00	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
Eleocharis obtusa (= E. ovata)	N	1	0.00	0.00	0.00	OBL	0.00	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
Epilobium brachycarpum (= E. paniculatum)	N	1	0.08	0.00	0.00	NI	0.08	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
Epilobium ciliatum ssp. watsonii	N	1	1.51	0.00	0.00	FACW	1.51	3	0	1	0	5	0	0	0	20	0	0	0	10	2	5	1	5	0	0	0	4	0	0	8	4	0	0	6	0	0	0
Epilobium densiflorum (= Boisduvalia densiflora)	N	1	3.47	0.00	0.00	FACW	3.47	10	0	0	0	10	2	0	3	1	0	0	3	1	8	30	1	20	0	0	0	0	1	4	12	10	12	4	0	10	0	5
Erigeron philadelphicus	N	1	0.00	0.00	0.00	FACU	0.00	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
Eriophyllum lanatum	N	1	0.15	0.00	0.00	NI	0.15	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
Erythranthe guttata (= Mimulus guttatus)	N	1	0.00	0.00	0.00	OBL	0.00	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
Fragaria virginiana	N	1	0.03	0.00	0.00	FACU	0.03	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
Fraxinus latifolia (seedling)	N	1	0.09	0.00	0.00	FACU	0.09	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
Galium aparine	N	1	0.11	0.00	0.00	FACU	0.11	0	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
Galium trifidum	N	1	0.57	0.00	0.00	FACW	0.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	2	0	0	1	0	0	0
Geranium dissectum	NN	2	0.00	0.52	0.00	NI	0.52	0	3	0	0	3	0	0	3	0	0	0	0	0	1	0	0	0	0	2	0	5	0	0	0	0	0	0	0	1	1
Geranium lucidum	NN	2	0.00	0.00	0.00	NI	0.00	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
Geranium molle	NN	2	0.00	0.00	0.00	NI	0.00	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
Geum macrophyllum	N	1	2.11	0.00	0.00	FAC	2.11	13	15	0	3	2	0	3	0	0	0	0	0	0	0	10	8	0	4	0	0	0	0	0	0	0	0	0	2	0	15	0
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00	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
Glyceria occidentalis	N	1	0.00	0.00	0.00	OBL	0.00	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
Gnaphalium palustre	N	1	0.00	0.00	0.00	FACW	0.00	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
Gratiola ebracteata	N	1	0.00	0.00	0.00	OBL	0.00	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
Gratiola neglecta	N	1	0.00	0.00	0.00	OBL	0.00	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
Grindelia integrifolia	N	1	0.61	0.00	0.00	FACW	0.61	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
Heraculum maximum	N	1	0.06	0.00	0.00	FAC	0.06	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 anagalloides	N	1	0.00	0.00	0.00	OBL	0.00	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
Hypochaeris radicata	I	3	0.00	0.00	0.23	FACU	0.23	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	0
Juncus bufonis	N	1	0.47	0.00	0.00	FACW	0.47	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
Juncus effusis	N	1	0.04	0.00	0.00	FACW	0.04	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
Juncus ensifolius	N	1	0.06	0.00	0.00	FACW	0.06	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
Juncus patens	N	1	0.04	0.00	0.00	FACW	0.04	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
Juncus tenuis	N	1	1.16	0.00	0.00	FAC	1.16	0	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	8	0	5	0	3	2	0	0	0	0	7	0	0
Lactuca serriola	NN	2	0.00	0.00	0.00	FACU	0.00	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
Lapsana communis	NN	2	0.00	0.00	0.00	FACU	0.00	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
Leontodon taraxacoides	I	3	0.00	0.00	2.22	FACU	2.22	0	0	0	7	3	3	0	2	7	0	0	0	0	4	3	7	3	0	5	0	0	0	4	0	0	0	20	0	0	0	0
Leucanthemum vulgare	NN	2	0.00	0.49	0.00	FACU	0.49	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7	0	0	1
Lotus corniculatus	NN	2	0.00	1.68	0.00	FAC	1.68	3	0	0	0	0	0	2	6	0	0	10	0	2	4	0	0	0	0	3	3	1	3	0	0	0	0	4	0	5	2	0
Lupinus polyphyllus	N	1	0.09	0.00	0.00	FAC	0.09	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
Lythrum portula	NN	2	0.00	0.00	0.00	OBL	0.00	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
Madia elegans	N	1	2.48	0.00	0.00	NI	2.48	0	0	0	4	0	0	2	2	0	0	0	0	0	0	10	0	12	0	4	0	0	0	4	2	0	0	0	0	0	0	0
Madia glomerata	N	1	0.06	0.00	0.00	FACU	0.06	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
Matricaria recutita (= M. chamomilla)	NN	2	0.00	0.00	0.00	NI	0.00	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
Medicago lupulina	NN	2	0.00	0.11	0.00	FACU	0.11	0	0	0	1	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	0
Micranthes oregana (= Saxifraga oregana)	N	1	0.00	0.00	0.00	FACW	0.00	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
Montia fontana	N	1	0.00	0.00	0.00	FACW	0.00	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
Montia linearis	N	1	0.00	0.00	0.00	FAC	0.00	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
Moss	N	1	0.00	0.00	0.00	NI	0.00	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
Myosotis discolor	NN	2	0.00	0.68	0.00	FAC	0.68	3	0	1	0	0	1	0	8	1	0	2	2	1	0	1	0	3	0	0	0	1	0	1	1	2	0	2	0	1	0	0
Myosotis laxa	N	1	0.47	0.00	0.00	OBL	0.47	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
Navarretia intertexta	N	1	0.00	0.00	0.00	FACW	0.00	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
Navarretia squarrosa	N	1	0.00	0.00	0.00	FACU	0.00	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
Parentucellia viscosa	NN	2	0.00	2.39	0.00	FAC	2.39	1	0	4	2	8	2	1	8	2	0	0	0	0	0	3	10	7	10	5	0	3	0	3	8	2	7	8	3	0	0	1
Penstemon rydbergii (formily hesperius)	N	1	0.99	0.00	0.00	FACU	0.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	4	0	0
Persicaria hydropiper (= Polygonum hydropiper)	NN	2	0.00	0.00	0.00	OBL	0.00	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
Plagiobothrys figuratus	N	1	0.00	0.00	0.00	FACW	0.00	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
Plagiobothrys scouleri	N	1	0.00	0.00	0.00	FACW	0.00	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
Plectritis congesta	N	1	1.84	0.00	0.00	FACU	1.84	0	0	0	10	0	0	0	2	0	0	0	0	0	0	2	0	1	0	2	2	0	0	3	5	10	0	0	2	0	0	7
Potentilla gracilis	N	1	2.68	0.00	0.00	FAC	2.68	2	0	0	7	0	0	5	13	0	0	0	0	0	3	0	0	7	7	12	0	0	0	0	10	2	0	0	5	0	0	0
Poteridium occidentale (= Saquisorba occidentalis)	N	1	0.00	0.00	0.00	NI	0.00	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
Prunella vulgaris var. lanceolata	N	1	1.30	0.00	0.00	FACU	1.30	0	0	0	0	2	3	0	5	0	1	0	0	0	6	0	0	2	2	8	5	5	0	0	3	7	0	0	5	0	0	0
Ranunculus cf. marcounii	N	1	0.00	0.00	0.00	OBL	0.00	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

Wetland Prairie Habitat Unit								Transect T3-N Plot Number				Transect T3-S Plot Number								Transect T4-N Plot Number				Transect T4-S Plot Number								Transect T5-N Plot Number						
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	2	3	4	5	1	2	3	4	5	6	7	8	1	2	3	4	1	2	3	4	5	6	7	8	1	2	3	4	1	2	3
Botanical Name																																						
Achillea millefolium	N	1	0.46	0.00	0.00	FACU	0.46	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	4	0	4
Acmispon americanus (= Lotus purshianus)	N	1	2.32	0.00	0.00	FACU	2.32	13	0	0	0	1	15	2	0	0	10	6	0	5	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	3	0	0
Aira caryophylla	NN	2	0.00	0.00	0.00	FACU	0.00	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
Allium vineale	NN	2	0.00	0.00	0.00	FACU	0.00	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
Anagallis arvensis	NN	2	0.00	0.10	0.00	NI	0.10	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
Aquilegia formosa	N	1	0.00	0.00	0.00	FAC	0.00	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
Camassia quamash	N	1	1.58	0.00	0.00	FACW	1.58	0	0	0	0	0	0	0	0	0	6	0	7	0	0	0	0	5	0	0	0	0	5	0	10	0	0	0	0	2	4	12
Cardamine occidentalis	N	1	0.04	0.00	0.00	FACW	0.04	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
Carex densa	N	1	1.89	0.00	0.00	OBL	1.89	0	0	0	10	0	0	0	15	5	0	0	0	0	0	12	0	0	10	20	15	0	0	0	0	0	0	0	0	0	0	0
Carex feta	N	1	2.03	0.00	0.00	FACW	2.03	0	10	0	0	0	0	0	0	10	8	0	5	0	35	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	25	0
Carex leptopoda	N	1	0.00	0.00	0.00	FAC	0.00	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
Carex obnupta	N	1	2.66	0.00	0.00	OBL	2.66	0	0	100	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
Carex pachystachya	N	1	1.18	0.00	0.00	FAC	1.18	0	0	0	0	0	0	0	0	0	0	25	15	20	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
Carex stipata	N	1	0.13	0.00	0.00	FAC	0.13	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	0	0	0	0	0
Carex unilateralis	N	1	1.46	0.00	0.00	FACW	1.46	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Centaurium erythraea (= C. umbellatum)	NN	2	0.00	0.15	0.00	FAC	0.15	0	0	0	0	0	2	1	0	0	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerastium arvense	N	1	0.00	0.00	0.00	FACU	0.00	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
Cerastium fontanum ssp. Vulgare	NN	2	0.00	0.18	0.00	FACU	0.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	2	0	0	1	0	0	0
Cerastium glomeratum (= C. viscosum)	NN	2	0.00	0.04	0.00	FACU	0.04	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium arvense	I	3	0.00	0.00	0.03	FAC	0.03	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
Cirsium vulgare	I	3	0.00	0.00	0.00	FACU	0.00	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
Clarkia amoena	N	1	0.23	0.00	0.00	NI	0.23	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	0	0	0	0	0	0
Collinsia grandiflora	N	1	0.00	0.00	0.00	NI	0.00	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
Collomia grandiflora	N	1	0.00	0.00	0.00	NI	0.00	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
Crepis capillaris	NN	2	0.00	0.00	0.00	FACU	0.00	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
Daucus carota	I	3	0.00	0.00	0.00	FACU	0.00	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
Dichelostemma congestum	N	1	0.00	0.00	0.00	NI	0.00	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
Downingia elegans	N	1	0.01	0.00	0.00	OBL	0.01	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	0
Eleocharis acicularis	N	1	0.00	0.00	0.00	OBL	0.00	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
Eleocharis obtusa (= E. ovata)	N	1	0.00	0.00	0.00	OBL	0.00	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
Epilobium brachycarpum (= E. paniculatum)	N	1	0.08	0.00	0.00	NI	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epilobium ciliatum ssp. watsonii	N	1	1.51	0.00	0.00	FACW	1.51	0	0	0	0	0	0	0	10	3	0	2	0	0	0	3	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0
Epilobium densiflorum (= Boisduvalia densiflora)	N	1	3.47	0.00	0.00	FACW	3.47	15	20	0	3	0	2	0	2	4	0	10	10	0	15	3	0	0	0	0	0	3	0	0	0	0	0	0	0	7	4	3
Erigeron philadelphicus	N	1	0.00	0.00	0.00	FACU	0.00	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
Eriophyllum lanatum	N	1	0.15	0.00	0.00	NI	0.15	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
Erythranthe guttata (= Mimulus guttatus)	N	1	0.00	0.00	0.00	OBL	0.00	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
Fragaria virginiana	N	1	0.03	0.00	0.00	FACU	0.03	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	0	0	0	0	0
Fraxinus latifolia (seedling)	N	1	0.09	0.00	0.00	FACW	0.09	0	0	0	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
Galium aparine	N	1	0.11	0.00	0.00	FACU	0.11	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
Galium trifidum	N	1	0.57	0.00	0.00	FACW	0.57	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
Geranium dissectum	NN	2	0.00	0.52	0.00	NI	0.52	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	6	0	2	2	0	0	0	0	0
Geranium lucidum	NN	2	0.00	0.00	0.00	NI	0.00	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
Geranium molle	NN	2	0.00	0.00	0.00	NI	0.00	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
Geum macrophyllum	N	1	2.11	0.00	0.00	FAC	2.11	0	0	0	0	0	0	0	0	0	3	0	3	0	0	6	0	0	0	0	0	2	7	0	0	6	10	5	5	0	0	8
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00	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
Glyceria occidentalis	N	1	0.00	0.00	0.00	OBL	0.00	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
Gnaphalium palustre	N	1	0.00	0.00	0.00	FACW	0.00	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
Gratiola ebracteata	N	1	0.00	0.00	0.00	OBL	0.00	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
Gratiola neglecta	N	1	0.00	0.00	0.00	OBL	0.00	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
Grindelia integrifolia	N	1	0.61	0.00	0.00	FACW	0.61	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0
Heraculum maximum	N	1	0.06	0.00	0.00	FAC	0.06	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 anagalloides	N	1	0.00	0.00	0.00	OBL	0.00	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
Hypochaeris radicata	I	3	0.00	0.00	0.23	FACU	0.23	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	7	3	0	0	0	0	0	0	0
Juncus bufonis	N	1	0.47	0.00	0.00	FACW	0.47	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
Juncus effusis	N	1	0.04	0.00	0.00	FACW	0.04	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	3
Juncus ensifolius	N	1	0.06	0.00	0.00	FACW	0.06	0	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
Juncus patens	N	1	0.04	0.00	0.00	FACW	0.04	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
Juncus tenuis	N	1	1.16	0.00	0.00	FAC	1.16	25	0	0	0	0	0	0	0	8	0	0	0	0	1	0	0	0	0	2	10	0	0	0	0	0	0	2	0	0	10	0
Lactuca serriola	NN	2	0.00	0.00	0.00	FACU	0.00	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
Lapsana communis	NN	2	0.00	0.00	0.00	FACU	0.00	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
Leontodon taraxacoides	I	3	0.00	0.00	2.22	FACU	2.22	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	10	0	15	35	3	10	0	0	1	0	2
Leucanthemum vulgare	NN	2	0.00	0.49	0.00	FACU	0.49	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	0	0	0
Lotus corniculatus	NN	2	0.00	1.68	0.00	FAC	1.68	0	0	0	0	0	0	0	0	0	0	0	45	0	7	5	0	2	0	5	0	0	3	0	0	0	0	0	0	0	0	0
Lupinus polyphyllus	N	1	0.09	0.00	0.00	FAC	0.09	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	0	0	0	0	0
Lythrum portula	NN	2	0.00	0.00	0.00	OBL	0.00	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
Madia elegans	N	1	2.48	0.00	0.00	NI	2.48	3	0	0	0	0	0	0	0	0	0	0	0	7	0	20	15	10	0	2	0	0	0	0	0	22	2	20	1	2	1	5
Madia glomerata	N	1	0.06	0.00	0.00	FACU	0.06	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Matricaria recutita (= M. chamomilla)	NN	2	0.00	0.00	0.00	NI	0.00	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
Medicago lupulina	NN	2	0.00	0.11	0.00	FACU	0.11	0	0	0	0	1	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	1
Micranthes oregana (= Saxifraga oregana)	N	1	0.00	0.00	0.00	FACW	0.00	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
Montia fontana	N	1	0.00	0.00	0.00	FACW	0.00	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
Montia linearis	N	1	0.00	0.00	0.00	FAC	0.00	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
Moss	N	1	0.00	0.00	0.00	NI	0.00	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
Myosotis discolor	NN	2	0.00	0.68	0.00	FAC	0.68	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	1	0	1	0	0	2	3	0	0	1	1	1	1	0	1
Myosotis laxa	N	1	0.47	0.00	0.00	OBL	0.47	0	0	5	0	0	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
Navarretia intertexta	N	1	0.00	0.00	0.00	FACW	0.00	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
Navarretia squarrosa	N	1	0.00	0.00	0.00	FACU	0.00	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
Parentucellia viscosa	NN	2	0.00	2.39	0.00	FAC	2.39	5	0	0	0	7	0	5	6	1	1	1	4	0	0	5	3	1	0	0	0	3	3	3	0	1	5	0	0	3	1	1
Penstemon rydbergii (formily hesperius)	N	1	0.99	0.00	0.00	FACU	0.99	0	0	0	0	0	0	0	1	0	0	0	0	0	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persicaria hydropiper (= Polygonum hydropiper)	NN	2	0.00	0.00	0.00	OBL	0.00	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
Plagiobothrys figuratus	N	1	0.00	0.00	0.00	FACW	0.00	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
Plagiobothrys scouleri	N	1	0.00	0.00	0.00	FACW	0.00	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
Plectritis congesta	N	1	1.84	0.00	0.00	FACU	1.84	0	2	0	0	10	1	10	0	0	2	0	0	0	0	4	1	0	0	0	0	8	6	5	10	5	0	0	2	3	2	3
Potentilla gracilis	N	1	2.68	0.00	0.00	FAC	2.68	2	0	0	0	10	3	3	0	0	0	3	0	10	0	0	0	0	0	0	0	0	0	0	0	20	8	3	1	10	5	9
Poteridium occidentale (= Saquisorba occidentalis)	N	1	0.00	0.00	0.00	NI	0.00	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
Prunella vulgaris var. lanceolata	N	1	1.30	0.00	0.00	FACU	1.30	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	3	0	0	6	0	0
Ranunculus cf. marcounii	N	1	0.00	0.00	0.00	OBL	0.00	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

Wetland Prairie Habitat Unit								Transect T5-S Plot Number					Transect T6-S Plot Number								Transect T7-S Plot Number			
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	4	5	6	7	8	1	2	3	4	5	6	7	8	2	3	4	5
Botanical Name																								
Achillea millefolium	N	1	0.46	0.00	0.00	FACU	0.46	5	0	0	0	1	0	0	3	2	0	3	0	0	0	0	0	0
Acmispon americanus (= Lotus purshianus)	N	1	2.32	0.00	0.00	FACU	2.32	1	0	0	0	0	0	0	4	0	1	3	1	0	0	0	0	0
Aira caryophylla	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allium vineale	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anagallis arvensis	NN	2	0.00	0.10	0.00	NI	0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aquilegia formosa	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camassia quamash	N	1	1.58	0.00	0.00	FACW	1.58	4	3	0	0	7	0	2	15	3	5	8	12	0	0	0	0	0
Cardamine occidentalis	N	1	0.04	0.00	0.00	FACW	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex densa	N	1	1.89	0.00	0.00	OBL	1.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex feta	N	1	2.03	0.00	0.00	FACW	2.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex leptopoda	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex obnupta	N	1	2.66	0.00	0.00	OBL	2.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex pachystachya	N	1	1.18	0.00	0.00	FAC	1.18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Carex stipata	N	1	0.13	0.00	0.00	FAC	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex unilaterals	N	1	1.46	0.00	0.00	FACW	1.46	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurium erythraea (= C. umbellatum)	NN	2	0.00	0.15	0.00	FAC	0.15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Cerastium arvense	N	1	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerastium fontanum ssp. Vulgare	NN	2	0.00	0.18	0.00	FACU	0.18	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Cerastium glomeratum (= C. viscosum)	NN	2	0.00	0.04	0.00	FACU	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium arvense	I	3	0.00	0.00	0.03	FAC	0.03	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium vulgare	I	3	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clarkia amoena	N	1	0.23	0.00	0.00	NI	0.23	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Collinsia grandiflora	N	1	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collomia grandiflora	N	1	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crepis capillaris	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus carota	I	3	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelostemma congestum	N	1	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Downingia elegans	N	1	0.01	0.00	0.00	OBL	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eleocharis acicularis	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eleocharis obtusa (= E. ovata)	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epilobium brachycarpum (= E. paniculatum)	N	1	0.08	0.00	0.00	NI	0.08	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
Epilobium ciliatum ssp. watsonii	N	1	1.51	0.00	0.00	FACW	1.51	0	5	0	0	0	0	0	0	5	0	2	0	5	2	0	0	2
Epilobium densiflorum (= Boisduvalia densiflora)	N	1	3.47	0.00	0.00	FACW	3.47	5	0	0	2	2	0	0	2	3	1	1	3	5	2	0	0	0
Erigeron philadelphicus	N	1	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eriophyllum lanatum	N	1	0.15	0.00	0.00	NI	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0
Erythranthe guttata (= Mimulus guttatus)	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fragaria virginiana	N	1	0.03	0.00	0.00	FACU	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fraxinus latifolia (seedling)	N	1	0.09	0.00	0.00	FACU	0.09	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
Galium aparine	N	1	0.11	0.00	0.00	FACU	0.11	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
Galium trifidum	N	1	0.57	0.00	0.00	FACW	0.57	1	0	0	30	0	0	0	0	0	3	0	0	0	0	1	0	0
Geranium dissectum	NN	2	0.00	0.52	0.00	NI	0.52	0	3	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0
Geranium lucidum	NN	2	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium molle	NN	2	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geum macrophyllum	N	1	2.11	0.00	0.00	FAC	2.11	0	0	0	0	0	0	0	0	0	0	0	7	30	0	0	0	0
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glyceria occidentalis	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gnaphalium palustre	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gratiola ebracteata	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gratiola neglecta	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grindelia integrifolia	N	1	0.61	0.00	0.00	FACW	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heraculum maximum	N	1	0.06	0.00	0.00	FAC	0.06	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
Hypericum anagalloides	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypochaeris radicata	I	3	0.00	0.00	0.23	FACU	0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Juncus bufonis	N	1	0.47	0.00	0.00	FACW	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Juncus effusis	N	1	0.04	0.00	0.00	FACW	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus ensifolius	N	1	0.06	0.00	0.00	FACW	0.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus patens	N	1	0.04	0.00	0.00	FACW	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus tenuis	N	1	1.16	0.00	0.00	FAC	1.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactuca serriola	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lapsana communis	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leontodon taraxacoides	I	3	0.00	0.00	2.22	FACU	2.22	3	10	5	0	0	0	3	0	0	0	0	0	0	1	0	5	0
Leucanthemum vulgare	NN	2	0.00	0.49	0.00	FACU	0.49	0	0	0	0	0	0	0	0	0	7	0	0	3	0	0	3	2
Lotus corniculatus	NN	2	0.00	1.68	0.00	FAC	1.68	3	1	0	3	0	0	0	2	1	0	0	0	3	2	3	0	0
Lupinus polyphyllus	N	1	0.09	0.00	0.00	FAC	0.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lythrum portula	NN	2	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madia elegans	N	1	2.48	0.00	0.00	NI	2.48	10	15	1	0	0	0	0	0	0	2	0	0	0	0	2	15	1
Madia glomerata	N	1	0.06	0.00	0.00	FACU	0.06	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Matricaria recutita (= M. chamomilla)	NN	2	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicago lupulina	NN	2	0.00	0.11	0.00	FACU	0.11	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Mitranthes oregana (= Saxifraga oregana)	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montia fontana	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montia linearis	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Moss	N	1	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Myosotis discolor	NN	2	0.00	0.68	0.00	FAC	0.68	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0
Myosotis laxa	N	1	0.47	0.00	0.00	OBL	0.47	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0
Navarretia intertexta	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Navarretia squarrosa	N	1	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parentucellia viscosa	NN	2	0.00	2.39	0.00	FAC	2.39	1	10	0	0	1	0	0	5	7	0	2	0	3	0	1	1	1
Penstemon rydbergii (formily hesperius)	N	1	0.99	0.00	0.00	FACU	0.99	0	0	45	0	0	0	0	0	0	0	5	0	0	0	0	0	0
Persicaria hydropiper (= Polygonum hydropiper)	NN	2	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plagiobothrys figuratus	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plagiobothrys scouleri	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plectritis congesta	N	1	1.84	0.00	0.00	FACU	1.84	0	0	0	0	0	0	0	3	0	0	3	5	3	0	1	3	2
Potentilla gracilis	N	1	2.68	0.00	0.00	FAC	2.68	0	5	5	0	0	0	5	10	2	5	10	0	0	0	0	8	2
Poteridium occidentale (= Saquisorba occidentalis)	N	1	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prunella vulgaris var. lanceolata	N	1	1.30	0.00	0.00	FACU	1.30	0	0	0	1	2	0	3	7	5	0	7	2	0	0	0	0	0
Ranunculus cf. marcounii	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Wetland Prairie Habitat Unit																								
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot																	
Botanical Name																								
Achillea millefolium	N	1	0.46	0.00	0.00	FACU	0.46																	
Acmispon americanus (= Lotus purshianus)	N	1	2.32	0.00	0.00	FACU	2.32																	
Aira caryophylla	NN	2	0.00	0.00	0.00	FACU	0.00																	
Allium vineale	NN	2	0.00	0.00	0.00	FACU	0.00																	
Anagallis arvensis	NN	2	0.00	0.10	0.00	NI	0.10																	
Aquilegia formosa	N	1	0.00	0.00	0.00	FAC	0.00																	
Camassia quamash	N	1	1.58	0.00	0.00	FACW	1.58																	
Cardamine occidentalis	N	1	0.04	0.00	0.00	FACW	0.04																	
Carex densa	N	1	1.89	0.00	0.00	OBL	1.89																	
Carex feta	N	1	2.03	0.00	0.00	FACW	2.03																	
Carex leptopoda	N	1	0.00	0.00	0.00	FAC	0.00																	
Carex obnupta	N	1	2.66	0.00	0.00	OBL	2.66																	
Carex pachystachya	N	1	1.18	0.00	0.00	FAC	1.18																	
Carex stipata	N	1	0.13	0.00	0.00	FAC	0.13																	
Carex unilateralis	N	1	1.46	0.00	0.00	FACW	1.46																	
Centaurium erythraea (= C. umbellatum)	NN	2	0.00	0.15	0.00	FAC	0.15																	
Cerastium arvense	N	1	0.00	0.00	0.00	FACU	0.00																	
Cerastium fontanum ssp. Vulgare	NN	2	0.00	0.18	0.00	FACU	0.18																	
Cerastium glomeratum (= C. viscosum)	NN	2	0.00	0.04	0.00	FACU	0.04																	
Cirsium arvense	I	3	0.00	0.00	0.03	FAC	0.03																	
Cirsium vulgare	I	3	0.00	0.00	0.00	FACU	0.00																	
Clarkia amoena	N	1	0.23	0.00	0.00	NI	0.23																	
Collinsia grandiflora	N	1	0.00	0.00	0.00	NI	0.00																	
Collomia grandiflora	N	1	0.00	0.00	0.00	NI	0.00																	
Crepis capillaris	NN	2	0.00	0.00	0.00	FACU	0.00																	
Daucus carota	I	3	0.00	0.00	0.00	FACU	0.00																	
Dichelostemma congestum	N	1	0.00	0.00	0.00	NI	0.00																	
Downingia elegans	N	1	0.01	0.00	0.00	OBL	0.01																	
Eleocharis acicularis	N	1	0.00	0.00	0.00	OBL	0.00																	
Eleocharis obtusa (= E. ovata)	N	1	0.00	0.00	0.00	OBL	0.00																	
Epilobium brachycarpum (= E. paniculatum)	N	1	0.08	0.00	0.00	NI	0.08																	
Epilobium ciliatum ssp. watsonii	N	1	1.51	0.00	0.00	FACW	1.51																	
Epilobium densiflorum (= Boisduvalia densiflora)	N	1	3.47	0.00	0.00	FACW	3.47																	
Erigeron philadelphicus	N	1	0.00	0.00	0.00	FACU	0.00																	
Eriophyllum lanatum	N	1	0.15	0.00	0.00	NI	0.15																	
Erythranthe guttata (= Mimulus guttatus)	N	1	0.00	0.00	0.00	OBL	0.00																	
Fragaria virginiana	N	1	0.03	0.00	0.00	FACU	0.03																	
Fraxinus latifolia (seedling)	N	1	0.09	0.00	0.00	FACU	0.09																	
Galium aparine	N	1	0.11	0.00	0.00	FACU	0.11																	
Galium trifidum	N	1	0.57	0.00	0.00	FACW	0.57																	
Geranium dissectum	NN	2	0.00	0.52	0.00	NI	0.52																	
Geranium lucidum	NN	2	0.00	0.00	0.00	NI	0.00																	
Geranium molle	NN	2	0.00	0.00	0.00	NI	0.00																	
Geum macrophyllum	N	1	2.11	0.00	0.00	FAC	2.11																	
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00																	
Glyceria occidentalis	N	1	0.00	0.00	0.00	OBL	0.00																	
Gnaphalium palustre	N	1	0.00	0.00	0.00	FACW	0.00																	
Gratiola ebracteata	N	1	0.00	0.00	0.00	OBL	0.00																	
Gratiola neglecta	N	1	0.00	0.00	0.00	OBL	0.00																	
Grindelia integrifolia	N	1	0.61	0.00	0.00	FACW	0.61																	
Heraculum maximum	N	1	0.06	0.00	0.00	FAC	0.06																	
Hypericum anagalloides	N	1	0.00	0.00	0.00	OBL	0.00																	
Hypochaeris radicata	I	3	0.00	0.00	0.23	FACU	0.23																	
Juncus bufonis	N	1	0.47	0.00	0.00	FACW	0.47																	
Juncus effusis	N	1	0.04	0.00	0.00	FACW	0.04																	
Juncus ensifolius	N	1	0.06	0.00	0.00	FACW	0.06																	
Juncus patens	N	1	0.04	0.00	0.00	FACW	0.04																	
Juncus tenuis	N	1	1.16	0.00	0.00	FAC	1.16																	
Lactuca serriola	NN	2	0.00	0.00	0.00	FACU	0.00																	
Lapsana communis	NN	2	0.00	0.00	0.00	FACU	0.00																	
Leontodon taraxacoides	I	3	0.00	0.00	2.22	FACU	2.22																	
Leucanthemum vulgare	NN	2	0.00	0.49	0.00	FACU	0.49																	
Lotus corniculatus	NN	2	0.00	1.68	0.00	FAC	1.68																	
Lupinus polyphyllus	N	1	0.09	0.00	0.00	FAC	0.09																	
Lythrum portula	NN	2	0.00	0.00	0.00	OBL	0.00																	
Madia elegans	N	1	2.48	0.00	0.00	NI	2.48																	
Madia glomerata	N	1	0.06	0.00	0.00	FACU	0.06																	
Matricaria recutita (= M. chamomilla)	NN	2	0.00	0.00	0.00	NI	0.00																	
Medicago lupulina	NN	2	0.00	0.11	0.00	FACU	0.11																	
Micranthes oregana (= Saxifraga oregana)	N	1	0.00	0.00	0.00	FACW	0.00																	
Montia fontana	N	1	0.00	0.00	0.00	FACW	0.00																	
Montia linearis	N	1	0.00	0.00	0.00	FAC	0.00																	
Moss	N	1	0.00	0.00	0.00	NI	0.00																	
Myosotis discolor	NN	2	0.00	0.68	0.00	FAC	0.68																	
Myosotis laxa	N	1	0.47	0.00	0.00	OBL	0.47																	
Navarretia intertexta	N	1	0.00	0.00	0.00	FACW	0.00																	
Navarretia squarrosa	N	1	0.00	0.00	0.00	FACU	0.00																	
Parentucellia viscosa	NN	2	0.00	2.39	0.00	FAC	2.39																	
Penstemon rydbergii (formily hesperius)	N	1	0.99	0.00	0.00	FACU	0.99																	
Persicaria hydropiper (= Polygonum hydropiper)	NN	2	0.00	0.00	0.00	OBL	0.00																	
Plagiobothrys figuratus	N	1	0.00	0.00	0.00	FACW	0.00																	
Plagiobothrys scouleri	N	1	0.00	0.00	0.00	FACW	0.00																	
Plectritis congesta	N	1	1.84	0.00	0.00	FACU	1.84																	
Potentilla gracilis	N	1	2.68	0.00	0.00	FAC	2.68																	
Potentilla occidentale (= Saquisorba occidentalis)	N	1	0.00	0.00	0.00	NI	0.00																	
Prunella vulgaris var. lanceolata	N	1	1.30	0.00	0.00	FACU	1.30																	
Ranunculus cf. marcounii	N	1	0.00	0.00	0.00	OBL	0.00																	

Wetland Prairie Habitat Unit								Transect T1-N Plot Number								Transect T1-S Plot Number								Transect T2-N Plot Number								Transect T2-S Plot Number								
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	7	8	1
Ranunculus occidentalis	N	1	0.33	0.00	0.00	FACW	0.33	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	2	0	0	0	0
Ranunculus orthorhynchus	N	1	0.04	0.00	0.00	FACW	0.04	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
Ranunculus parviflorus	N	1	0.01	0.00	0.00	FACU	0.01	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
Ranunculus repens	I	3	0.00	0.00	0.27	FAC	0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Ranunculus uncinatus	N	1	0.00	0.00	0.00	FAC	0.00	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
Rorippa curvisiliqua	N	1	0.00	0.00	0.00	OBL	0.00	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
Rumex acetosella	NN	2	0.00	0.06	0.00	FACU	0.06	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
Rumex crispus	NN	2	0.00	0.00	0.00	FAC	0.00	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
Rumex occidentalis (= R. aquaticus var. fenestratus)	N	1	0.00	0.00	0.00	FACW	0.00	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 jacobea	NN	2	0.00	0.00	0.00	NI	0.00	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 vulgaris	NN	2	0.00	0.00	0.00	FACU	0.00	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
Sidalcea campestris	N	1	1.92	0.00	0.00	FACU	1.92	0	4	0	7	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	25	0	0	0	0	0	0	0	0	0	5
Sidalcea nelsoniana	N	1	13.14	0.00	0.00	FAC	13.14	20	0	25	0	15	25	11	16	6	0	17	7	21	10	6	20	4	20	20	30	7	0	10	5	5	0	0	20	0	10	45
Sisyrinchium bellum	N	1	0.62	0.00	0.00	FACW	0.62	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	10	2	0	0	0	0	4	0	0	0	0	0	0	0
Sisyrinchium idahoense	N	1	0.03	0.00	0.00	FACW	0.03	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	0	0	0	0
Solidago elongata (= S. canadensis)	N	1	0.25	0.00	0.00	FACU	0.25	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
Sonchus asper	NN	2	0.00	0.04	0.00	FACU	0.04	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
Stellaria media	NN	2	0.00	0.00	0.00	FACU	0.00	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
Symphyotrichum hallii (= Aster hallii)	N	1	0.04	0.00	0.00	NI	0.04	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
Symphyotrichum subspicatum	N	1	3.96	0.00	0.00	FACW	3.96	0	0	0	5	0	3	3	10	0	0	0	0	0	40	0	5	0	0	3	0	0	0	0	0	0	0	0	15	0	0	0
Taraxacum officinale	NN	2	0.00	0.01	0.00	FACU	0.01	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 hybridium	NN	2	0.00	0.00	0.00	FAC	0.00	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	2	0.00	0.00	0.00	FACU	0.00	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 repens	NN	2	0.00	0.00	0.00	FAC	0.00	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
Triteleia hyacinthina	N	1	1.58	0.00	0.00	FAC	1.58	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	10	0	0	0	0
Veronica americana	N	1	0.00	0.00	0.00	OBL	0.00	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
Veronica arvensis	NN	2	0.00	0.00	0.00	FACU	0.00	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
Veronica peregrina	N	1	0.04	0.00	0.00	FACW	0.04	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
Veronica scutellata	N	1	0.04	0.00	0.00	OBL	0.04	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
Veronica serpyllifolia	N	1	0.38	0.00	0.00	FAC	0.38	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
Vicia hirsuta	NN	2	0.00	0.38	0.00	NI	0.38	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
Vicia sativa	NN	2	0.00	0.11	0.00	UPL	0.11	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
Vicia tetrasperma	NN	2	0.00	0.27	0.00	NI	0.27	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	0	0	0	0	0	0
Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots			**56.81**																																			
Non-Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots				**7.23**																																		
Invasive Herbaceous Species Cover - Average Percent across all Wet Prairie Plots					**2.73**																																	
Grass Species																0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Agrostis exarata	N	1	0.15	0.00	0.00	FACW	0.15	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	3	0	0	0	0
Agrostis stolonifera	I	3	0.00	0.00	0.00	FAC	0.00	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
Alopecrcus geniculatus	N	1	0.06	0.00	0.00	OBL	0.06	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
Alopecurus pratensis	I	3	0.00	0.00	0.00	FAC	0.00	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
Anthoxanthum odoratum	NN	2	0.00	1.61	0.00	FACU	1.61	0	0	0	0	0	0	10	7	0	0	0	0	0	0	0	0	0	0	5	10	2	0	0	6	0	0	0	4	0	0	0
Beckmannia syzigachne	N	1	1.39	0.00	0.00	OBL	1.39	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
Bromus hordeaceus (= B. mollis)	NN	2	0.00	0.01	0.00	NI	0.01	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
Bromus racemosus (= B. commutatus)	NN	2	0.00	2.87	0.00	NI	2.87	1	1	0	3	0	5	0	0	8	1	0	1	0	1	0	0	0	12	8	5	10	0	5	0	1	5	5	20	1	3	0
Bromus sterilis	NN	2	0.00	0.00	0.00	NI	0.00	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
Danthonia californica	N	1	0.00	0.00	0.00	FAC	0.00	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
Deschampsia caespitosa	N	1	10.49	0.00	0.00	FACW	10.49	15	0	50	0	0	30	0	0	10	50	50	12	25	5	0	0	2	0	5	0	0	7	30	13	4	0	15	0	12	0	0
Deschampsia danthonioides	N	1	0.00	0.00	0.00	FACW	0.00	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
Deschampsia elongata	N	1	0.11	0.00	0.00	FACW	0.11	0	0	0	0	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
Festuca roemeri (= F. idahoensis in part)	N	1	0.00	0.00	0.00	NI	0.00	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
Festuca rubra	N	1	0.00	0.00	0.00	FAC	0.00	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
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00	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
Glyceria x occindentalis	N	1	0.08	0.00	0.00	OBL	0.08	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
Holcus lanatus	I	3	0.00	0.00	1.81	FAC	1.81	0	0	4	5	2	0	0	3	0	0	0	4	0	0	5	0	1	0	0	5	0	0	0	2	7	1	0	0	20	30	0
Hordeum brachyantherum	N	1	4.72	0.00	0.00	FACW	4.72	7	80	5	10	25	0	0	0	0	0	0	5	3	0	12	0	0	10	0	0	12	0	3	3	4	45	0	3	15	10	0
Panicum sp. (Dichanthelium?)	N	1	0.00	0.00	0.00	NI	0.00	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	3	0.00	0.00	0.09	FACW	0.09	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	0	0	0	0	0
Poa annua	NN	2	0.00	0.00	0.00	FAC	0.00	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
Poa palustris	NN	2	0.00	0.00	0.00	FAC	0.00	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
Poa pratensis	I	3	0.00	0.00	0.10	FAC	0.10	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	5	0	0	0	0
Poa trivialis	I	3	0.00	0.00	1.48	FAC	1.48	2	3	5	3	3	5	10	10	0	0	1	0	10	0	0	0	0	0	5	2	2	0	0	0	0	2	0	0	0	5	0
Vulpia bromoides	NN	2	0.00	0.56	0.00	FACU	0.56	0	0	1	5	0	0	0	0	0	0	0	0	0	0	2	0	0	5	4	0	0	0	0	2	0	0	3	0	0	5	0
Native Grass Species Cover - Average Percent across all Wet Prairie Plots			**17.01**																																			
Non-Native Grass Species Cover - Average Percent across all Wet Prairie Plots				**5.05**																																		
Invasive Grass Species Cover - Average Percent across all Wet Prairie Plots					**3.48**																																	
																								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tree/Shrub Species																								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornus sericea	N	1	0.00	0.00	0.00	FACW	0.00	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
Crataegus monogyna	NN	2	0.00	0.00	0.00	FAC	0.00	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
Fraxinus latifolia	N	1	0.16	0.00	0.00	FACW	0.16	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Populus trichocarpa (= P. balsamifers ssp. Trichocrapa)	N	1	0.00	0.00	0.00	FAC	0.00	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
Rosa pisocarpa	N	1	0.00	0.00	0.00	FAC	0.00	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
Rubus bifrons (= R. armeniacus, R. discolor)	NN	2	0.00	0.00	0.00	FACU	0.00	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
Rubus laciniatus	NN	2	0.00	0.00	0.00	FACU	0.00	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
Spiraea douglasii	N	1	0.00	0.00	0.00	FACW	0.00	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

Wetland Prairie Habitat Unit								Transect T3-N Plot Number					Transect T3-S Plot Number								Transect T4-N Plot Number				Transect T4-S Plot Number								Transect T5-N Plot Number						
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	2	3	4	5	1	2	3	4	5	6	7	8	1	2	3	4	1	2	3	4	5	6	7	8	1	2	3	4	1	2	3
Ranunculus occidentalis	N	1	0.33	0.00	0.00	FACW	0.33	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	0	0	2
Ranunculus orthorhynchus	N	1	0.04	0.00	0.00	FACW	0.04	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
Ranunculus parviflorus	N	1	0.01	0.00	0.00	FACU	0.01	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
Ranunculus repens	I	3	0.00	0.00	0.27	FAC	0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	3	0	0	0	0	0	0	0	0
Ranunculus uncinatus	N	1	0.00	0.00	0.00	FAC	0.00	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
Rorippa curvisiliqua	N	1	0.00	0.00	0.00	OBL	0.00	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
Rumex acetosella	NN	2	0.00	0.06	0.00	FACU	0.06	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
Rumex crispus	NN	2	0.00	0.00	0.00	FAC	0.00	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
Rumex occidentalis (= R. aquaticus var. fenestratus)	N	1	0.00	0.00	0.00	FACW	0.00	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 jacobea	NN	2	0.00	0.00	0.00	NI	0.00	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 vulgaris	NN	2	0.00	0.00	0.00	FACU	0.00	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
Sidalcea campestris	N	1	1.92	0.00	0.00	FACU	1.92	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	5	0	0	0	0	0	0	0	0	0	15	2	0	0	0
Sidalcea nelsoniana	N	1	13.14	0.00	0.00	FAC	13.14	25	17	0	22	15	8	20	5	17	12	15	0	0	7	7	8	20	0	12	0	5	15	15	15	17	5	10	10	25	25	25
Sisyrinchium bellum	N	1	0.62	0.00	0.00	FACW	0.62	0	0	0	0	5	0	3	0	0	2	3	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Sisyrinchium idahoense	N	1	0.03	0.00	0.00	FACW	0.03	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
Solidago elongata (= S. canadensis)	N	1	0.25	0.00	0.00	FACU	0.25	0	0	0	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
Sonchus asper	NN	2	0.00	0.04	0.00	FACU	0.04	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	0	0	0	0
Stellaria media	NN	2	0.00	0.00	0.00	FACU	0.00	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
Symphyotrichum hallii (= Aster hallii)	N	1	0.04	0.00	0.00	NI	0.04	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
Symphyotrichum subspicatum	N	1	3.96	0.00	0.00	FACW	3.96	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	45	0	0	0	0	20	25	30	0	3	7	7	20	0	0	0
Taraxacum officinale	NN	2	0.00	0.01	0.00	FACU	0.01	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	0	0	0	0
Trifolium hybridium	NN	2	0.00	0.00	0.00	FAC	0.00	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	2	0.00	0.00	0.00	FACU	0.00	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 repens	NN	2	0.00	0.00	0.00	FAC	0.00	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
Triteleia hyacinthina	N	1	1.58	0.00	0.00	FAC	1.58	0	0	0	0	0	1	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Veronica americana	N	1	0.00	0.00	0.00	OBL	0.00	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
Veronica arvensis	NN	2	0.00	0.00	0.00	FACU	0.00	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
Veronica peregrina	N	1	0.04	0.00	0.00	FACW	0.04	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
Veronica scutellata	N	1	0.04	0.00	0.00	OBL	0.04	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
Veronica serpyllifolia	N	1	0.38	0.00	0.00	FAC	0.38	0	0	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	0	0	0
Vicia hirsuta	NN	2	0.00	0.38	0.00	NI	0.38	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	0	0	0	1	5	0	0	6
Vicia sativa	NN	2	0.00	0.11	0.00	UPL	0.11	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Vicia tetrasperma	NN	2	0.00	0.27	0.00	NI	0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	15	0	0	0	0	0	0	0
Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots			**56.81**																																			
Non-Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots				**7.23**																																		
Invasive Herbaceous Species Cover - Average Percent across all Wet Prairie Plots					**2.73**																																	
Grass Species								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
Agrostis exarata	N	1	0.15	0.00	0.00	FACW	0.15	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	0	0
Agrostis stolonifera	I	3	0.00	0.00	0.00	FAC	0.00	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
Alopecrcrus geniculatus	N	1	0.06	0.00	0.00	OBL	0.06	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	0
Alopecurus pratensis	I	3	0.00	0.00	0.00	FAC	0.00	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
Anthoxanthum odoratum	NN	2	0.00	1.61	0.00	FACU	1.61	0	0	0	0	2	10	0	0	0	1	0	3	5	0	0	2	2	0	0	2	0	0	1	2	3	5	10	0	0	1
Beckmannia syzigachne	N	1	1.39	0.00	0.00	OBL	1.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	0	10	0	0	0	0	0	0	0	0	0	0	0
Bromus hordeaceus (= B. mollis)	NN	2	0.00	0.01	0.00	NI	0.01	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	0
Bromus racemosus (= B. commutatus)	NN	2	0.00	2.87	0.00	NI	2.87	0	0	0	0	1	0	3	5	2	1	0	10	0	0	0	0	2	0	2	0	6	5	0	1	5	3	1	0	0	1	2
Bromus sterilis	NN	2	0.00	0.00	0.00	NI	0.00	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
Danthonia californica	N	1	0.00	0.00	0.00	FAC	0.00	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
Deschampsia caespitosa	N	1	10.49	0.00	0.00	FACW	10.49	0	0	0	0	40	50	7	25	10	10	0	0	5	25	0	5	40	20	0	2	0	0	0	1	0	0	0	0	20	12	6
Deschampsia danthonioides	N	1	0.00	0.00	0.00	FACW	0.00	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
Deschampsia elongata	N	1	0.11	0.00	0.00	FACW	0.11	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
Festuca roemeri (= F. idahoensis in part)	N	1	0.00	0.00	0.00	NI	0.00	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
Festuca rubra	N	1	0.00	0.00	0.00	FAC	0.00	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
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00	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
Glyceria x occindentalis	N	1	0.08	0.00	0.00	OBL	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0
Holcus lanatus	I	3	0.00	0.00	1.81	FAC	1.81	0	0	0	0	0	1	0	0	0	1	3	2	0	3	5	8	0	0	0	0	0	0	2	1	0	8	0	0	0	0	0
Hordeum brachyantherum	N	1	4.72	0.00	0.00	FACW	4.72	0	0	0	0	0	0	5	5	15	0	6	3	2	0	5	0	0	0	0	7	15	3	0	0	0	10	0	0	0	3	0
Panicum sp. (Dichanthelium?)	N	1	0.00	0.00	0.00	NI	0.00	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	3	0.00	0.00	0.09	FACW	0.09	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
Poa annua	NN	2	0.00	0.00	0.00	FAC	0.00	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
Poa palustris	NN	2	0.00	0.00	0.00	FAC	0.00	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
Poa pratensis	I	3	0.00	0.00	0.10	FAC	0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa trivialis	I	3	0.00	0.00	1.48	FAC	1.48	0	0	0	0	2	1	2	1	5	0	0	5	0	0	0	0	0	0	0	0	0	7	0	0	2	0	0	0	0	0	0
Vulpia bromoides	NN	2	0.00	0.56	0.00	FACU	0.56	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	5	0	0	0	1	0	3	0	0
Native Grass Species Cover - Average Percent across all Wet Prairie Plots			**17.01**																																			
Non-Native Grass Species Cover - Average Percent across all Wet Prairie Plots				**5.05**																																		
Invasive Grass Species Cover - Average Percent across all Wet Prairie Plots					**3.48**																																	
								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
Tree/Shrub Species								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
Cornus sericea	N	1	0.00	0.00	0.00	FACW	0.00	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
Crataegus monogyna	NN	2	0.00	0.00	0.00	FAC	0.00	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
Fraxinus latifolia	N	1	0.16	0.00	0.00	FACW	0.16	0	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
Populus trichocarpa (= P. balsamifers ssp. Trichocrapa)	N	1	0.00	0.00	0.00	FAC	0.00	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
Rosa pisocarpa	N	1	0.00	0.00	0.00	FAC	0.00	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
Rubus bifrons (= R. armeniacus, R. discolor)	NN	2	0.00	0.00	0.00	FACU	0.00	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
Rubus laciniatus	NN	2	0.00	0.00	0.00	FACU	0.00	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
Spiraea douglasii	N	1	0.00	0.00	0.00	FACW	0.00	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

Wetland Prairie Habitat Unit								Transect T5-S Plot Number						Transect T6-S Plot Number								Transect T7-S Plot Number			
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	**4**	**5**	**6**	**7**	**8**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**2**	**3**	**4**	**5**
Ranunculus occidentalis	N	1	0.33	0.00	0.00	FACW	0.33	0	1	5	0	0	0	0	3	0	0	2	0	0	0	0	0	0
Ranunculus orthorhynchus	N	1	0.04	0.00	0.00	FACW	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus parviflorus	N	1	0.01	0.00	0.00	FACU	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus repens	I	3	0.00	0.00	0.27	FAC	0.27	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus uncinatus	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rorippa curvisiliqua	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex acetosella	NN	2	0.00	0.06	0.00	FACU	0.06	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex crispus	NN	2	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex occidentalis (= R. aquaticus var. fenestratus)	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio jacobea	NN	2	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio vulgaris	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sidalcea campestris	N	1	1.92	0.00	0.00	FACU	1.92	0	0	7	5	0	0	0	0	0	0	0	0	15	10	10	12	0
Sidalcea nelsoniana	N	1	13.14	0.00	0.00	FAC	13.14	30	15	9	35	40	0	30	15	20	12	15	10	20	0	15	20	0
Sisyrinchium bellum	N	1	0.62	0.00	0.00	FACW	0.62	0	0	0	0	0	0	0	0	2	0	1	4	0	2	0	3	0
Sisyrinchium idahoense	N	1	0.03	0.00	0.00	FACW	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solidago elongata (= S. canadensis)	N	1	0.25	0.00	0.00	FACU	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus asper	NN	2	0.00	0.04	0.00	FACU	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stellaria media	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Symphyotrichum hallii (= Aster hallii)	N	1	0.04	0.00	0.00	NI	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Symphyotrichum subspicatum	N	1	3.96	0.00	0.00	FACW	3.96	7	3	0	0	5	0	0	0	0	0	7	25	0	0	2	3	0
Taraxacum officinale	NN	2	0.00	0.01	0.00	FACU	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium hybridium	NN	2	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium pratense	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium repens	NN	2	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Triteleia hyacinthina	N	1	1.58	0.00	0.00	FAC	1.58	0	3	1	5	5	0	0	7	4	25	5	30	10	0	0	0	0
Veronica americana	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica arvensis	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica peregrina	N	1	0.04	0.00	0.00	FACW	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica scutellata	N	1	0.04	0.00	0.00	OBL	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica serpyllifolia	N	1	0.38	0.00	0.00	FAC	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia hirsuta	NN	2	0.00	0.38	0.00	NI	0.38	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Vicia sativa	NN	2	0.00	0.11	0.00	UPL	0.11	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Vicia tetrasperma	NN	2	0.00	0.27	0.00	NI	0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots			**56.81**																					
Non-Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots				**7.23**																				
Invasive Herbaceous Species Cover - Average Percent across all Wet Prairie Plots					**2.73**																			
Grass Species								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agrostis exarata	N	1	0.15	0.00	0.00	FACW	0.15	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Agrostis stolonifera	I	3	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alopercrus geniculatus	N	1	0.06	0.00	0.00	OBL	0.06	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Alopecurus pratensis	I	3	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthoxanthum odoratum	NN	2	0.00	1.61	0.00	FACU	1.61	0	0	0	0	0	0	0	5	7	5	0	0	0	2	0	0	15
Beckmannia syzigachne	N	1	1.39	0.00	0.00	OBL	1.39	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0
Bromus hordeaceus (= B. mollis)	NN	2	0.00	0.01	0.00	NI	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus racemosus (= B. commutatus)	NN	2	0.00	2.87	0.00	NI	2.87	0	2	5	5	10	0	0	8	0	3	15	0	0	3	10	0	20
Bromus sterilis	NN	2	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Danthonia californica	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deschampsia caespitosa	N	1	10.49	0.00	0.00	FACW	10.49	7	2	0	0	0	5	25	0	30	10	0	0	0	40	45	12	40
Deschampsia danthonioides	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deschampsia elongata	N	1	0.11	0.00	0.00	FACW	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Festuca roemeri (= F. idahoensis in part)	N	1	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Festuca rubra	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glyceria x occindentalis	N	1	0.08	0.00	0.00	OBL	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holcus lanatus	I	3	0.00	0.00	1.81	FAC	1.81	0	0	0	0	0	0	5	0	5	0	0	1	0	1	0	0	8
Hordeum brachyantherum	N	1	4.72	0.00	0.00	FACW	4.72	5	0	1	0	5	25	0	0	0	0	0	0	5	1	0	0	0
Panicum sp. (Dichanthelium?)	N	1	0.00	0.00	0.00	NI	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phalaris arundinacea	I	3	0.00	0.00	0.09	FACW	0.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa annua	NN	2	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa palustris	NN	2	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa pratensis	I	3	0.00	0.00	0.10	FAC	0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa trivialis	I	3	0.00	0.00	1.48	FAC	1.48	7	0	1	2	3	2	1	0	0	0	0	0	5	3	0	0	0
Vulpia bromoides	NN	2	0.00	0.56	0.00	FACU	0.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Native Grass Species Cover - Average Percent across all Wet Prairie Plots			**17.01**																					
Non-Native Grass Species Cover - Average Percent across all Wet Prairie Plots				**5.05**																				
Invasive Grass Species Cover - Average Percent across all Wet Prairie Plots					**3.48**																			
								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tree/Shrub Species								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cornus sericea	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crataegus monogyna	NN	2	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fraxinus latifolia	N	1	0.16	0.00	0.00	FACW	0.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Populus trichocarpa (= P. balsamifers ssp. Trichocrapa)	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosa pisocarpa	N	1	0.00	0.00	0.00	FAC	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus bifrons (= R. armeniacus, R. discolor)	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus laciniatus	NN	2	0.00	0.00	0.00	FACU	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spiraea douglasii	N	1	0.00	0.00	0.00	FACW	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Wetland Prairie Habitat Unit																								
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot																	
Ranunculus occidentalis	N	1	0.33	0.00	0.00	FACW	0.33																	
Ranunculus orthorhynchus	N	1	0.04	0.00	0.00	FACW	0.04																	
Ranunculus parviflorus	N	1	0.01	0.00	0.00	FACU	0.01																	
Ranunculus repens	I	3	0.00	0.00	0.27	FAC	0.27																	
Ranunculus uncinatus	N	1	0.00	0.00	0.00	FAC	0.00																	
Rorippa curvisiliqua	N	1	0.00	0.00	0.00	OBL	0.00																	
Rumex acetosella	NN	2	0.00	0.06	0.00	FACU	0.06																	
Rumex crispus	NN	2	0.00	0.00	0.00	FAC	0.00																	
Rumex occidentalis (= R. aquaticus var. fenestratus)	N	1	0.00	0.00	0.00	FACW	0.00																	
Senecio jacobea	NN	2	0.00	0.00	0.00	NI	0.00																	
Senecio vulgaris	NN	2	0.00	0.00	0.00	FACU	0.00																	
Sidalcea campestris	N	1	1.92	0.00	0.00	FACU	1.92																	
Sidalcea nelsoniana	N	1	13.14	0.00	0.00	FAC	13.14																	
Sisyrinchium bellum	N	1	0.62	0.00	0.00	FACW	0.62																	
Sisyrinchium idahoense	N	1	0.03	0.00	0.00	FACW	0.03																	
Solidago elongata (= S. canadensis)	N	1	0.25	0.00	0.00	FACU	0.25																	
Sonchus asper	NN	2	0.00	0.04	0.00	FACU	0.04																	
Stellaria media	NN	2	0.00	0.00	0.00	FACU	0.00																	
Symphyotrichum hallii (= Aster hallii)	N	1	0.04	0.00	0.00	NI	0.04																	
Symphyotrichum subspicatum	N	1	3.96	0.00	0.00	FACW	3.96																	
Taraxacum officinale	NN	2	0.00	0.01	0.00	FACU	0.01																	
Trifolium hybridium	NN	2	0.00	0.00	0.00	FAC	0.00																	
Trifolium pratense	NN	2	0.00	0.00	0.00	FACU	0.00																	
Trifolium repens	NN	2	0.00	0.00	0.00	FAC	0.00																	
Triteleia hyacinthina	N	1	1.58	0.00	0.00	FAC	1.58																	
Veronica americana	N	1	0.00	0.00	0.00	OBL	0.00																	
Veronica arvensis	NN	2	0.00	0.00	0.00	FACU	0.00																	
Veronica peregrina	N	1	0.04	0.00	0.00	FACW	0.04																	
Veronica scutellata	N	1	0.04	0.00	0.00	OBL	0.04																	
Veronica serpyllifolia	N	1	0.38	0.00	0.00	FAC	0.38																	
Vicia hirsuta	NN	2	0.00	0.38	0.00	NI	0.38																	
Vicia sativa	NN	2	0.00	0.11	0.00	UPL	0.11																	
Vicia tetrasperma	NN	2	0.00	0.27	0.00	NI	0.27																	
Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots			**56.81**																					
Non-Native Herbaceous Species Cover - Average Percent across all Wet Prairie Plots				**7.23**																				
Invasive Herbaceous Species Cover - Average Percent across all Wet Prairie Plots					**2.73**																			
Grass Species																								
Agrostis exarata	N	1	0.15	0.00	0.00	FACW	0.15																	
Agrostis stolonifera	I	3	0.00	0.00	0.00	FAC	0.00																	
Alopercrus geniculatus	N	1	0.06	0.00	0.00	OBL	0.06																	
Alopecurus pratensis	I	3	0.00	0.00	0.00	FAC	0.00																	
Anthoxanthum odoratum	NN	2	0.00	1.61	0.00	FACU	1.61																	
Beckmannia syzigachne	N	1	1.39	0.00	0.00	OBL	1.39																	
Bromus hordeaceus (= B. mollis)	NN	2	0.00	0.01	0.00	NI	0.01																	
Bromus racemosus (= B. commutatus)	NN	2	0.00	2.87	0.00	NI	2.87																	
Bromus sterilis	NN	2	0.00	0.00	0.00	NI	0.00																	
Danthonia californica	N	1	0.00	0.00	0.00	FAC	0.00																	
Deschampsia caespitosa	N	1	10.49	0.00	0.00	FACW	10.49																	
Deschampsia danthonioides	N	1	0.00	0.00	0.00	FACW	0.00																	
Deschampsia elongata	N	1	0.11	0.00	0.00	FACW	0.11																	
Festuca roemeri (= F. idahoensis in part)	N	1	0.00	0.00	0.00	NI	0.00																	
Festuca rubra	N	1	0.00	0.00	0.00	FAC	0.00																	
Glyceria leptostachya	N	1	0.00	0.00	0.00	OBL	0.00																	
Glyceria x occindentalis	N	1	0.08	0.00	0.00	OBL	0.08																	
Holcus lanatus	I	3	0.00	0.00	1.81	FAC	1.81																	
Hordeum brachyantherum	N	1	4.72	0.00	0.00	FACW	4.72																	
Panicum sp. (Dichanthelium?)	N	1	0.00	0.00	0.00	NI	0.00																	
Phalaris arundinacea	I	3	0.00	0.00	0.09	FACW	0.09																	
Poa annua	NN	2	0.00	0.00	0.00	FAC	0.00																	
Poa palustris	NN	2	0.00	0.00	0.00	FAC	0.00																	
Poa pratensis	I	3	0.00	0.00	0.10	FAC	0.10																	
Poa trivialis	I	3	0.00	0.00	1.48	FAC	1.48																	
Vulpia bromoides	NN	2	0.00	0.56	0.00	FACU	0.56																	
Native Grass Species Cover - Average Percent across all Wet Prairie Plots			**17.01**																					
Non-Native Grass Species Cover - Average Percent across all Wet Prairie Plots				**5.05**																				
Invasive Grass Species Cover - Average Percent across all Wet Prairie Plots					**3.48**																			
Tree/Shrub Species																								
Cornus sericea	N	1	0.00	0.00	0.00	FACW	0.00																	
Crataegus monogyna	NN	2	0.00	0.00	0.00	FAC	0.00																	
Fraxinus latifolia	N	1	0.16	0.00	0.00	FACW	0.16																	
Populus trichocarpa (= P. balsamifers ssp. Trichocrapa)	N	1	0.00	0.00	0.00	FAC	0.00																	
Rosa pisocarpa	N	1	0.00	0.00	0.00	FAC	0.00																	
Rubus bifrons (= R. armeniacus, R. discolor)	NN	2	0.00	0.00	0.00	FACU	0.00																	
Rubus laciniatus	NN	2	0.00	0.00	0.00	FACU	0.00																	
Spiraea douglasii	N	1	0.00	0.00	0.00	FACW	0.00																	

								Transect T1-N								Transect T1-S								Transect T2-N						Transect T2-S								
Wetland Prairie Habitat Unit								Plot Number								Plot Number								Plot Number						Plot Number								
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**1**	**2**	**3**	**4**	**5**	**6**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**1**
Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots			**0.16**																																			
Non-Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots				**0.00**																																		
Invasive Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots					**0.00**																																	
Bare Substrate (percent cover)							**7.95**	5	0	4	5	8	10	5	5	14	8	20	18	8	10	10	0	12	5	5	0	10	0	16	0	3	12	11	6	7	3	17

								Transect T3-N				Transect T3-S								Transect T4-N				Transect T4-S								Transect T5-N						
Wetland Prairie Habitat Unit								Plot Number				Plot Number								Plot Number				Plot Number								Plot Number						
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	**2**	**3**	**4**	**5**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**1**	**2**	**3**	**4**	**1**	**2**	**3**
Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots			**0.16**																																			
Non-Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots				**0.00**																																		
Invasive Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots					**0.00**																																	
Bare Substrate (percent cover)							**7.95**	0	19	0	11	5	4	10	0	10	12	20	0	12	0	9	0	13	0	50	5	6	0	0	7	5	14	0	15	6	0	8

								Transect T5-S					Transect T6-S							Transect T7-S			
Wetland Prairie Habitat Unit								**Plot Number**					**Plot Number**							**Plot Number**			
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot	**4**	**5**	**6**	**7**	**8**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**2**	**3**	**4**	**5**
Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots			**0.16**																					
Non-Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots				**0.00**																				
Invasive Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots					**0.00**																			
Bare Substrate (percent cover)							**7.95**	5	13	15	10	10	10	26	4	2	1	5	0	0	16	27	6	0

Wetland Prairie Habitat Unit																								
Herbaceous Species	Origin (N, NN, I)	Orgin Number	N	NN	I	Wetland Status	Average Percent Cover By Plot																	
Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots			**0.16**																					
Non-Native Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots				**0.00**																				
Invasive Tree/Shrub Species Cover - Average Percent across all Wet Prairie Plots					**0.00**																			
Bare Substrate (percent cover)							**7.95**																	

APPENDIX C

Percent Species Cover by Plot – Yearly Comparison

Foster Creek Wetland Bank

Percent Cover of species within wet prairie plot
(note: only wet prairie plots presented)

Yearly Comparrison: 2013-2017

2013

	Deschampsia caespitosa	*Deschampsia elongata*	*Hordeum brachyantherum*	*Agrostis exarata*	*Achillea millifolium*	*Camus quamash*	*Epilobium brachycarpum*	*Epilobium densiflorum*	*Epilobium ciliatum*	*Geum macrophyllum*	*Sidalcea nelsoniana*	*Sidalcea campestris*	*Ranunculus occidentalis*	*Symphyotrichum douglasii*	*Potentilla gracilis*	*Plectritis congesta*	*Carex* species	*Juncus* species
Average Percent Cover across all Plots	**22.0**	**4.4**	**6.9**	**0.8**	**0.1**	**1.5**	**0.2**	**5.8**	**1.2**	**2.0**	**2.6**	**0.6**	**0.7**	**0.0**	**0.3**	**2.6**	**2.8**	**0.3**
Percent occuring within all Plots	90	62	80	23	4	10	13	75	44	28	33	18	28	0	11	43	38	16

2014

	Deschampsia caespitosa	*Deschampsia elongata*	*Hordeum brachyantherum*	*Agrostis exarata*	*Achillea millifolium*	*Camus quamash*	*Epilobium brachycarpum*	*Epilobium densiflorum*	*Epilobium ciliatum*	*Geum macrophyllum*	*Sidalcea nelsoniana*	*Sidalcea campestris*	*Ranunculus occidentalis*	*Symphyotrichum douglasii*	*Potentilla gracilis*	*Plectritis congesta*	*Penstemon hesperius*	*Carex* species	*Juncus* species
Average Percent Cover across all Plots	**11.6**	**1.4**	**10.8**	**1.1**	**0.3**	**0.8**	**0.3**	**4.5**	**3.5**	**2.1**	**7.7**	**1.3**	**0.2**	**0.2**	**1.1**	**1.9**	**0.2**	**5.0**	**1.5**
	↓	↓	↑	↑	↑	↓	↑	↓	↑	↑	↑	↑	↓	↑	↑	↓	↑	↑	↑
Percent occuring within all Plots	68	14	78	23	14	24	11	72	73	28	57	22	14	8	34	41	9	38	24

2015

	Deschampsia caespitosa	*Deschampsia elongata*	*Hordeum brachyantherum*	*Agrostis exarata*	*Achillea millifolium*	*Camus quamash*	*Epilobium brachycarpum*	*Epilobium densiflorum*	*Epilobium ciliatum*	*Geum macrophyllum*	*Madia elegans*	*Sidalcea nelsoniana*	*Sidalcea campestris*	*Ranunculus occidentalis*	*Symphyotrichum subspicatum*	*Sisyrinchium bellum*	*Potentilla gracilis*	*Plectritis congesta*	*Penstemon hesperius*	*Carex* species	*Juncus* species
Average Percent Cover across all Plots	**8.3**	**0.2**	**8.4**	**0.3**	**0.6**	**1.1**	**0.4**	**3.0**	**1.1**	**1.5**	**3.1**	**14.3**	**1.1**	**0.6**	**0.9**	**0.5**	**1.6**	**5.1**	**0.4**	**5.8**	**1.1**
	↓	↓	↓	↓	↑	↑	↑	↓	↓	↓	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↓
Percent occuring within all Plots	43	8	73	6	14	29	17	66	44	24	43	76	11	22	27	24	42	58	8	41	30

2016

	Deschampsia caespitosa	*Deschampsia elongata*	*Hordeum brachyantherum*	*Agrostis exarata*	*Achillea millifolium*	*Camus quamash*	*Epilobium brachycarpum*	*Epilobium densiflorum*	*Epilobium ciliatum*	*Geum macrophyllum*	*Madia elegans*	*Sidalcea nelsoniana*	*Sidalcea campestris*	*Ranunculus occidentalis*	*Symphyotrichum subspicatum*	*Sisyrinchium bellum*	*Potentilla gracilis*	*Plectritis congesta*	*Penstemon hesperius*	*Carex* species	*Juncus* species
Average Percent Cover across all Plots	**7.1**	**0.2**	**9.0**	**0.0**	**1.3**	**1.8**	**0.8**	**3.1**	**0.3**	**3.3**	**6.1**	**16.3**	**1.5**	**0.4**	**2.4**	**0.9**	**2.7**	**2.8**	**0.9**	**9.0**	**1.0**
	↓	no change	↑	↓	↑	↑	↑	↑	↓	↑	↑	↑	↑	↓	↑	↑	↑	↓	↑	↑	↓
Percent occuring within all Plots	48	9	75	0	22	31	8	42	16	30	45	83	16	21	23	17	34	47	10	43	16

2017

	Deschampsia caespitosa	*Deschampsia elongata*	*Hordeum brachyantherum*	*Agrostis exarata*	*Achillea millifolium*	*Camus quamash*	*Epilobium brachycarpum*	*Epilobium densiflorum*	*Epilobium ciliatum*	*Geum macrophyllum*	*Madia elegans*	*Sidalcea nelsoniana*	*Sidalcea campestris*	*Ranunculus occidentalis*	*Symphyotrichum subspicatum*	*Sisyrinchium bellum*	*Potentilla gracilis*	*Plectritis congesta*	*Penstemon hesperius*	*Carex* species	*Juncus* species
Average Percent Cover across all Plots	**10.5**	**0.1**	**4.7**	**0.2**	**0.5**	**1.6**	**0.1**	**3.5**	**1.5**	**3.3**	**2.5**	**13.1**	**1.9**	**0.3**	**4.0**	**0.6**	**2.7**	**1.8**	**1.0**	**9.4**	**1.8**
	↑	↓	↓	↑	↓	↓	↓	↑	↑	no change	↓	↓	↑	↓	↑	↓	no change	↓	↑	↑	↑
Percent occuring within all Plots	57	3	46	0	13	26	5	57	33	29	37	84	16	16	32	18	43	46	11	53	28

Note: ↑ ↓ percent cover trend increasing (↑) or decreasing (↓) from previous year