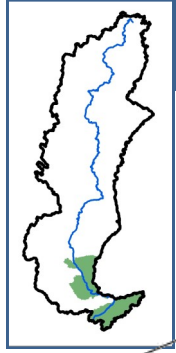
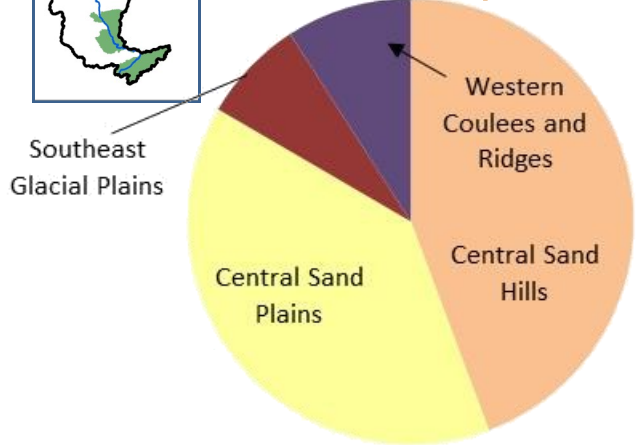


Ave. Annual Phosphorus Load = 51.5 tons | Adams, Columbia, Dane and Sauk Counties | 775.9 square miles |

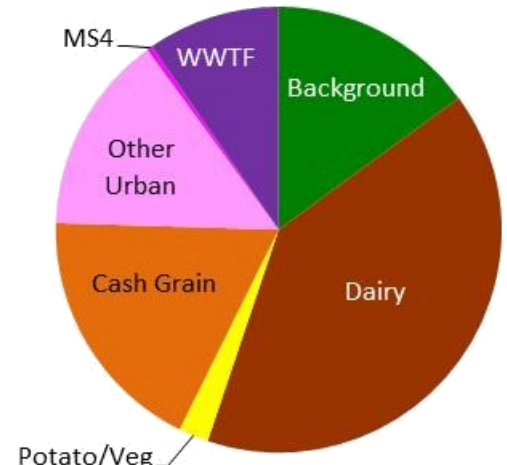
# Lower Wisconsin River Corridor



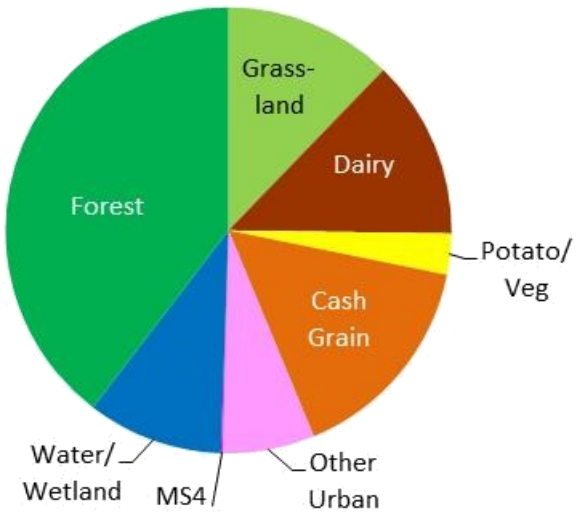
## Ecological Landscape



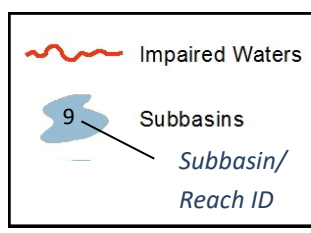
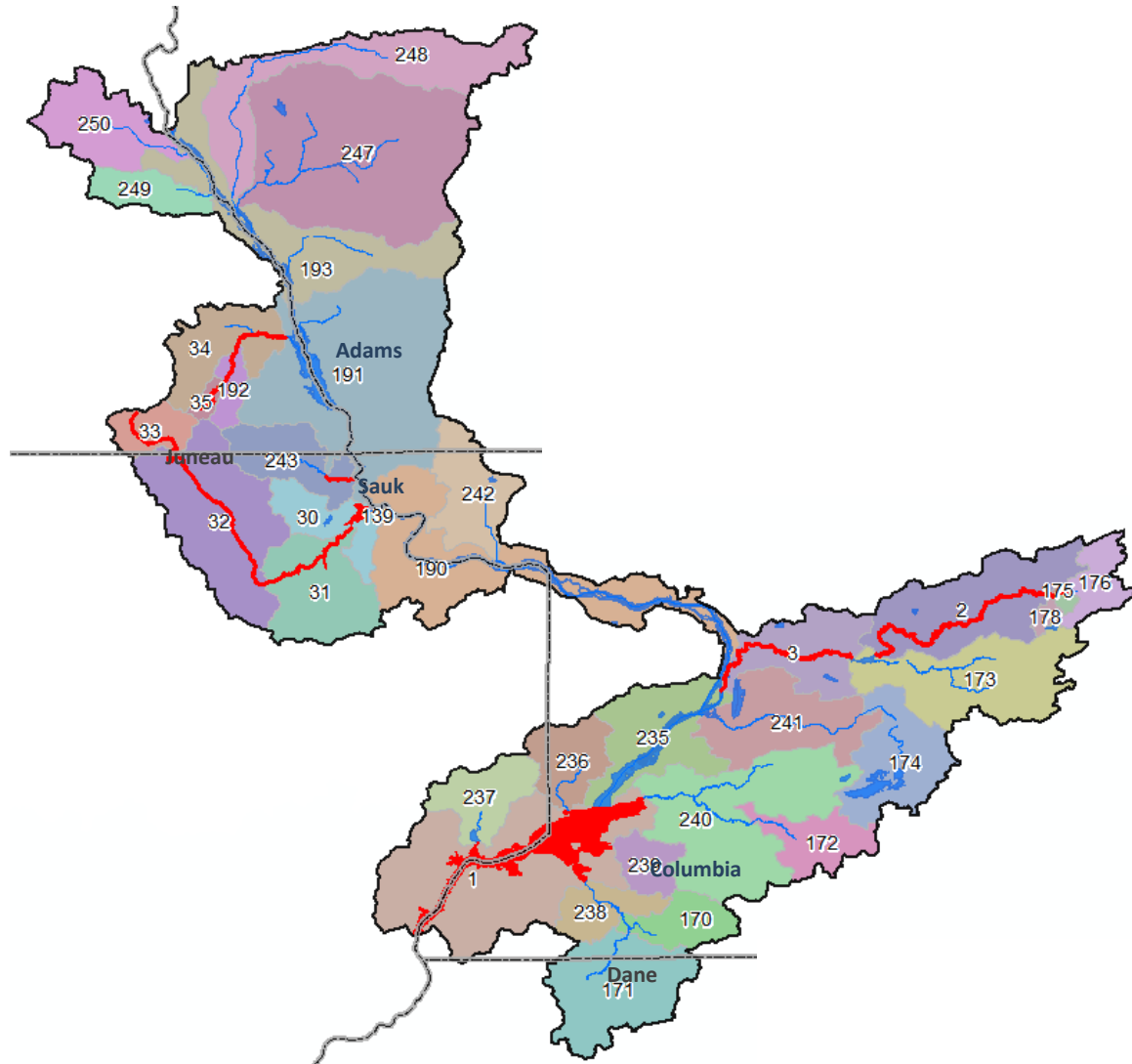
## Sources of Phosphorus



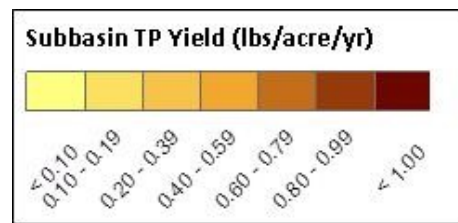
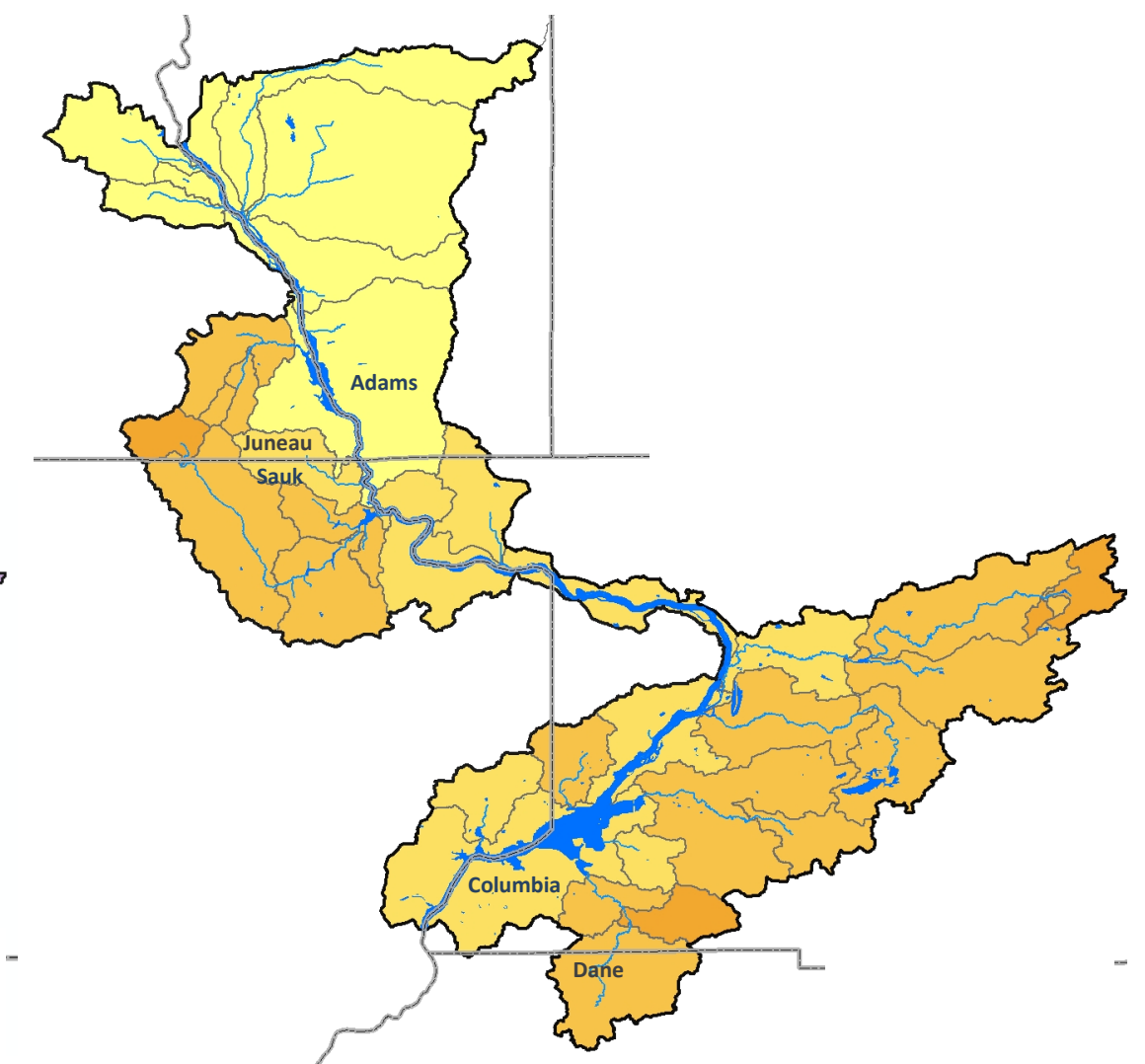
## Land Use

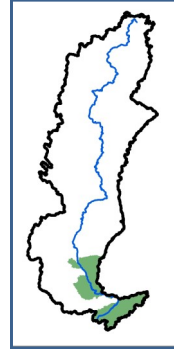


## IMPAIRED WATERS

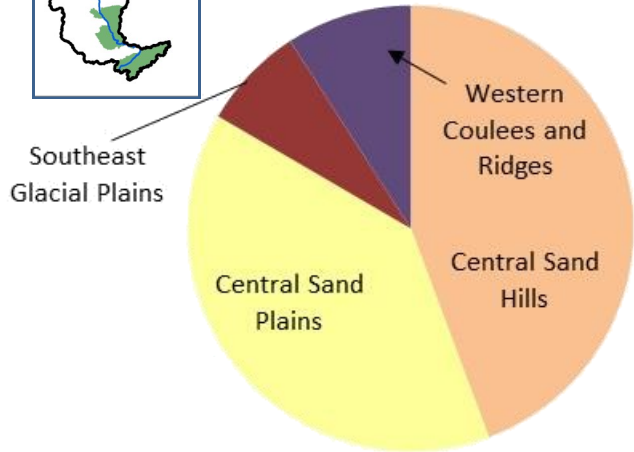


## NONPOINT SOURCE

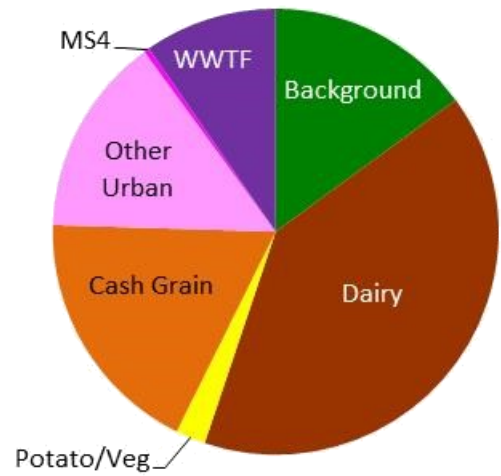




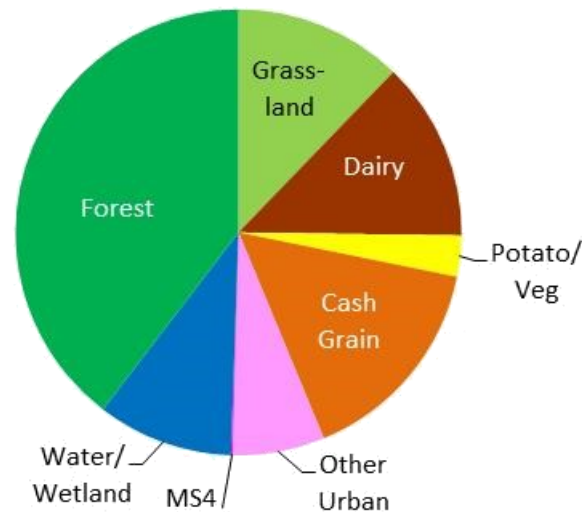
### Ecological Landscape



### Sources of Phosphorus



### Land Use



Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/ Reach ID
Dell Creek	75	31-33
Duck Creek	75	3
Duck Creek, North Branch	75	2, 177
Hulbert Creek	75	243
Lyndon Creek	75	34, 35, 192
Lake Delton	40	30
Lake Wisconsin	100	1
Mirror Lake	75	31

Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Cambria	0023523	1	LW-1
Crockett's Resort	0061263	1	LW-2
Lodi	0022918	1	LW-3
Lyndon Station	0060488	1	LW-4
Portage	0020427	1	LW-5
Poynette	0021091	1	LW-6
Rio	0020117	1	LW-7
Wisconsin Dells/Lake Delton	0031402	1	LW-8

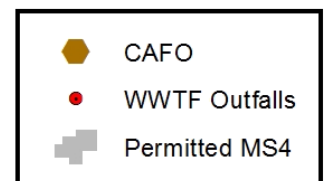
  

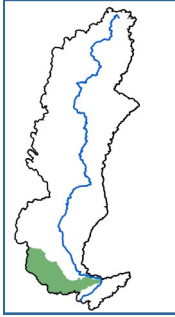
Industrial WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Del Monte Foods Cambria Plant	0026620	1	LW-9
Grande Cheese Corp Wyocena	0051764	1	LW-10
Lodi Canning Co	0002658	1	LW-11
Seneca Foods Corp Cambria	0003891	1	LW-12
United Wisconsin Grain Producers LLC	0062502	1	LW-13
Wisconsin Power & Light Co Columbia	0002780	2	LW-14

CAFOs		Permitted MS4s	
Permittee	Permit No.	Map ID	(Covered by WPDES Gen. Permit WI-S050075-2)
New Chester Dairy LLC	0064696	LW-15	Permittee
			Portage, City
			Permit No.
			0050181
			Map ID
			LW-16

### PHOSPHORUS POINT SOURCES

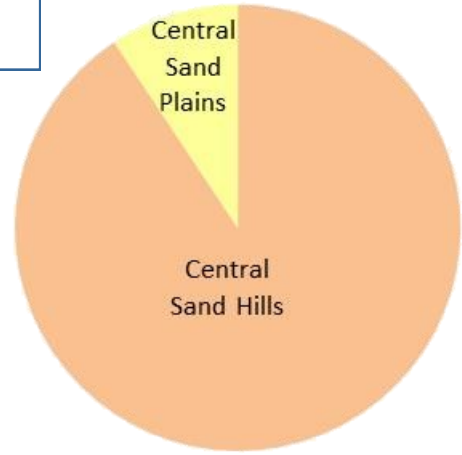




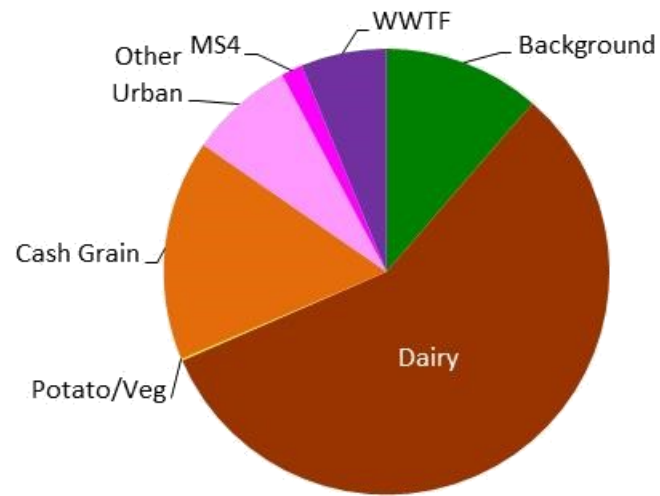
Ave. Annual Phosphorus Load = 118.5 tons | Columbia, Juneau, Monroe, Richland, Sauk and Vernon Counties | 659.3 square miles |

# Baraboo River Watershed

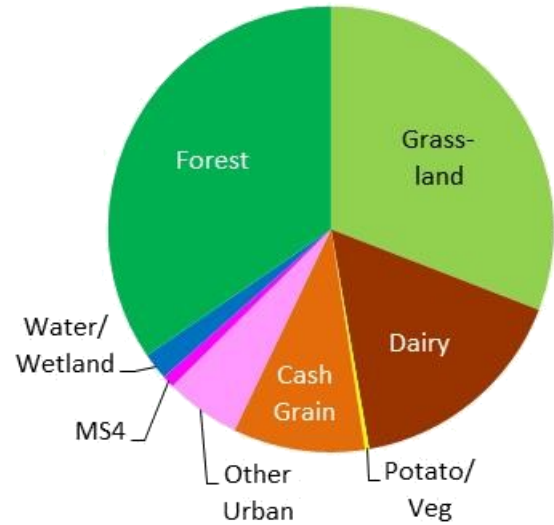
## Ecological



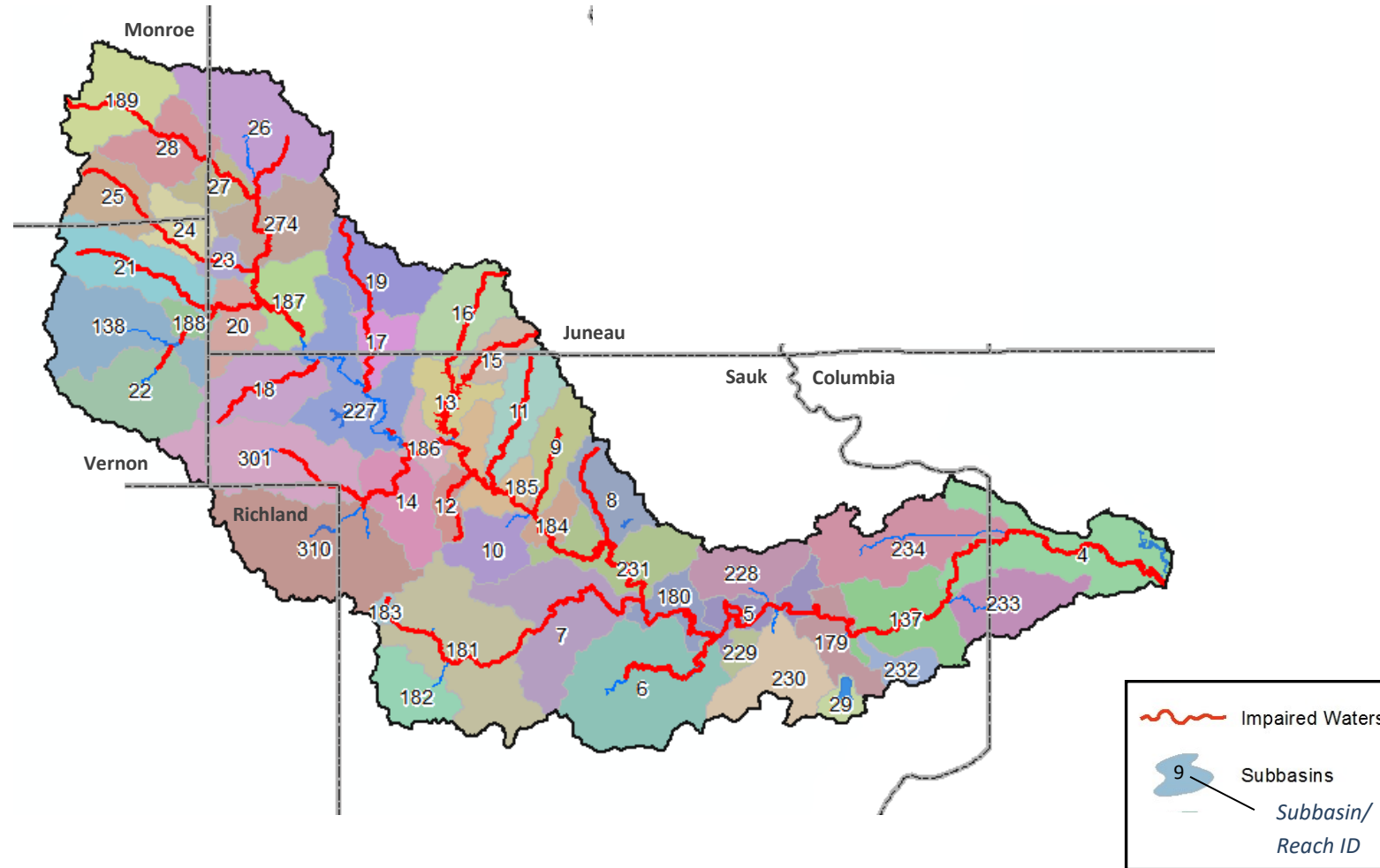
## Sources of Phosphorus



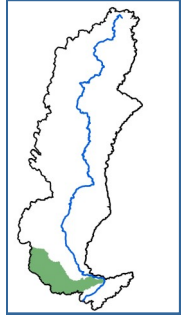
## Land Use



## IMPAIRED WATERS



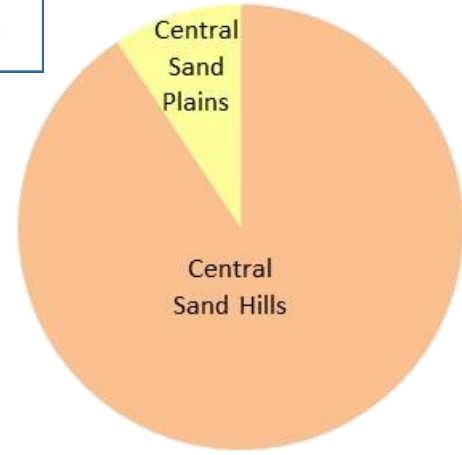
TP Impaired Waters								
Name	TP Standard (ug/L)	Subbasin/Reach ID	Name	TP Standard (ug/L)	Subbasin/Reach ID	Name	TP Standard (ug/L)	Subbasin/Reach ID
Baraboo River	100	4, 5, 27, 28, 137, 179, 180, 184-187, 189,	East Br Big Cr	75	15	Seymour Cr	75	23-25
			Hays Creek	75	9	Silver Creek	75	12
W. Br. Baraboo	75	20, 138, 188	Hills Creek	75	21	South Br Creek	75	22
Cazenovia Br	75	310	Little Baraboo R.	75	14, 301	Twin Creek	75	11
Cleaver Creek	75	26	Narrows Cr	75	7, 181, 183	West Br Big Cr	75	13, 16
Copper Creek	75	8	Plum Creek	75	18	Hemlock Slough	40	227
Crossman Cr	75	17, 19	Seeley Creek	75	6	Redstone Lake	30	13



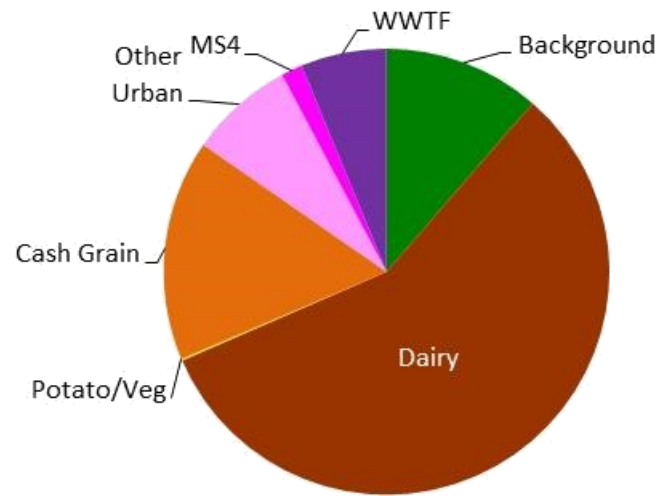
Ave. Annual Phosphorus Load = 118.5 tons | Columbia, Juneau, Monroe, Richland, Sauk and Vernon Counties | 659.3 square miles |

# Baraboo River Watershed

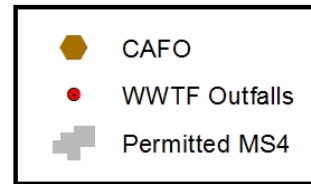
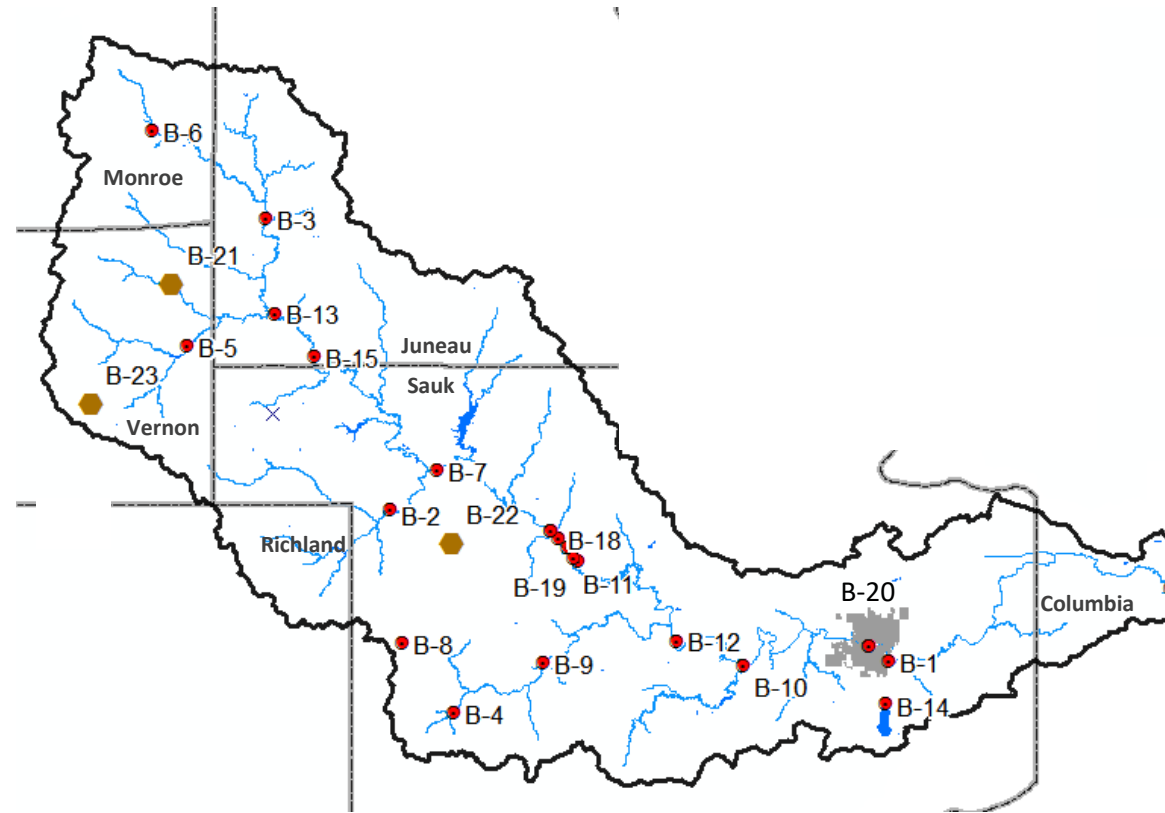
## Ecological



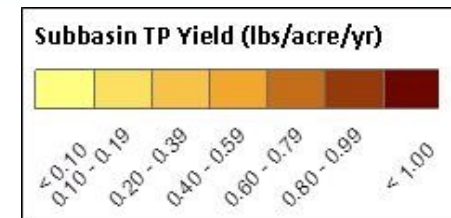
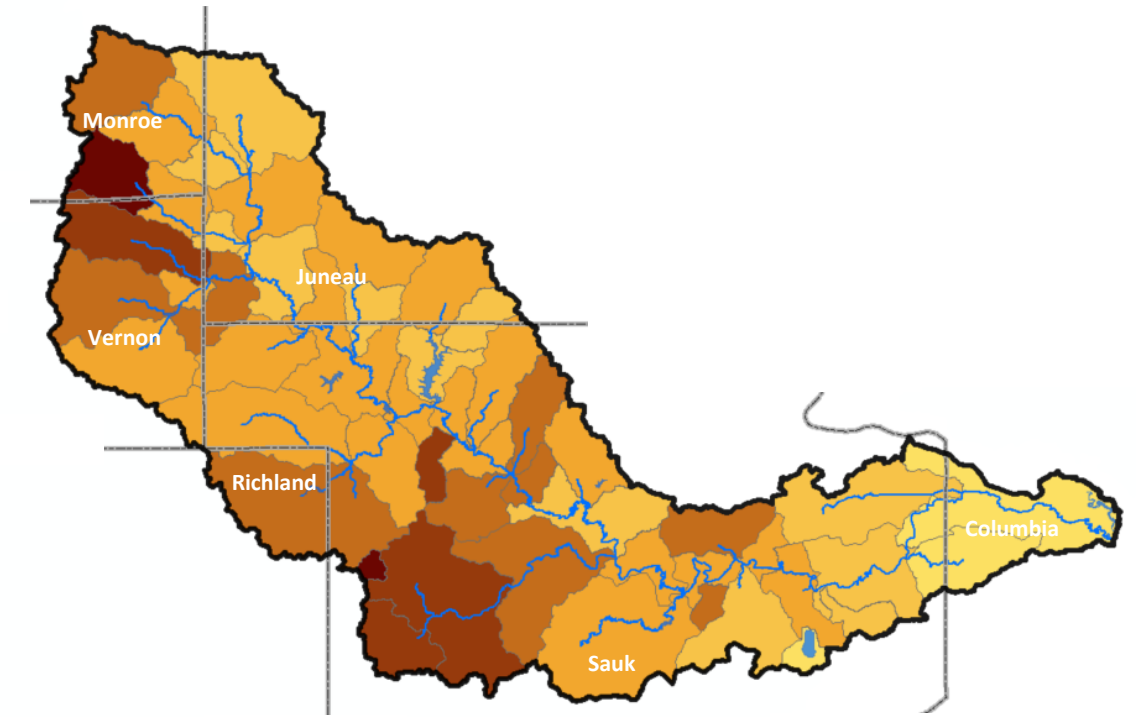
## Sources of Phosphorus



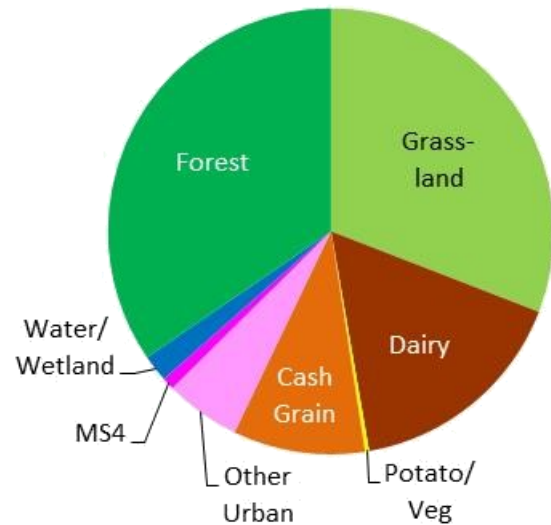
## PHOSPHORUS POINT SOURCES



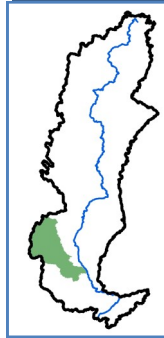
## NONPOINT SOURCE PHOSPHORUS YIELD



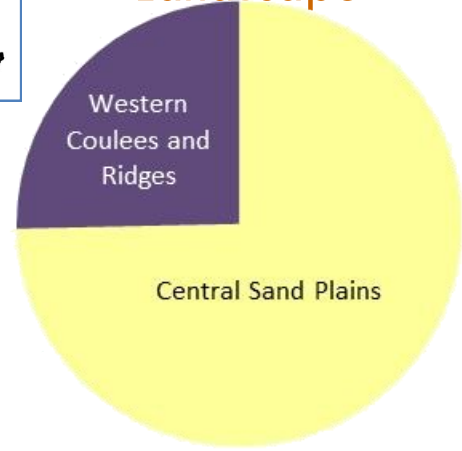
## Land Use



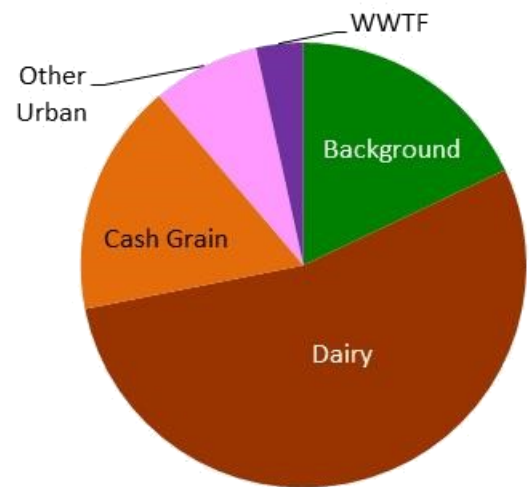
Municipal WWTFs				Industrial WWTFs				Permitted MS4s			
Permittee	Permit No.	No. Outfalls	Map ID	Permittee	Permit No.	No. Outfalls	Map ID	<i>(Covered by WPDES Gen. Permit WI-S050075-2)</i>			
Permittee	Permit No.	Map ID	Permittee	Permit No.	Map ID	Permittee	Permit No.	Map ID			
Baraboo	0020605	1	B-1	Loganville	0029114	1	B-9	City of Baraboo	0031420	B-20	
Cazenovia	0031801	1	B-2	N. Freedom	0028011	1	B-10	CAFOs			
Elroy	0023931	1	B-3	Reedsburg	0020371	1	B-11	Permittee	Permit No.	Map ID	
Hill Point San Dist	0035483	1	B-4	Rock Springs	0029041	1	B-12	Hills Prairie Dairy LLC	0062634	B-21	
Hillsboro	0020583	1	B-5	Union Center	0025640	1	B-13	Kinnamon Ridge Dairy LLC	0065129	B-22	
Kendall	0020516	1	B-6	Devils Lake Park	0060241	1	B-14	Ocooch Dairy	0065081	B-23	
LaValle	0028878	1	B-7	Wonewoc	0029688	1	B-15				
Lime Ridge	0036447	1	B-8								
								Foremost Farms	35	1	B-16
								Goetz Co. Inc.	35483	1	B-17
								Lakeside Foods	57738	3	B-18
								Saputo Cheese	59404	1	B-19



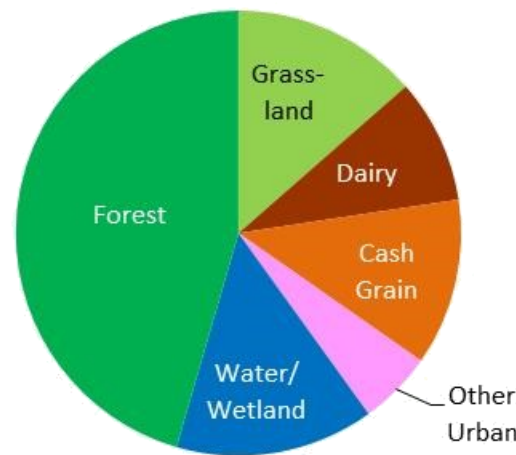
Ecological Landscape



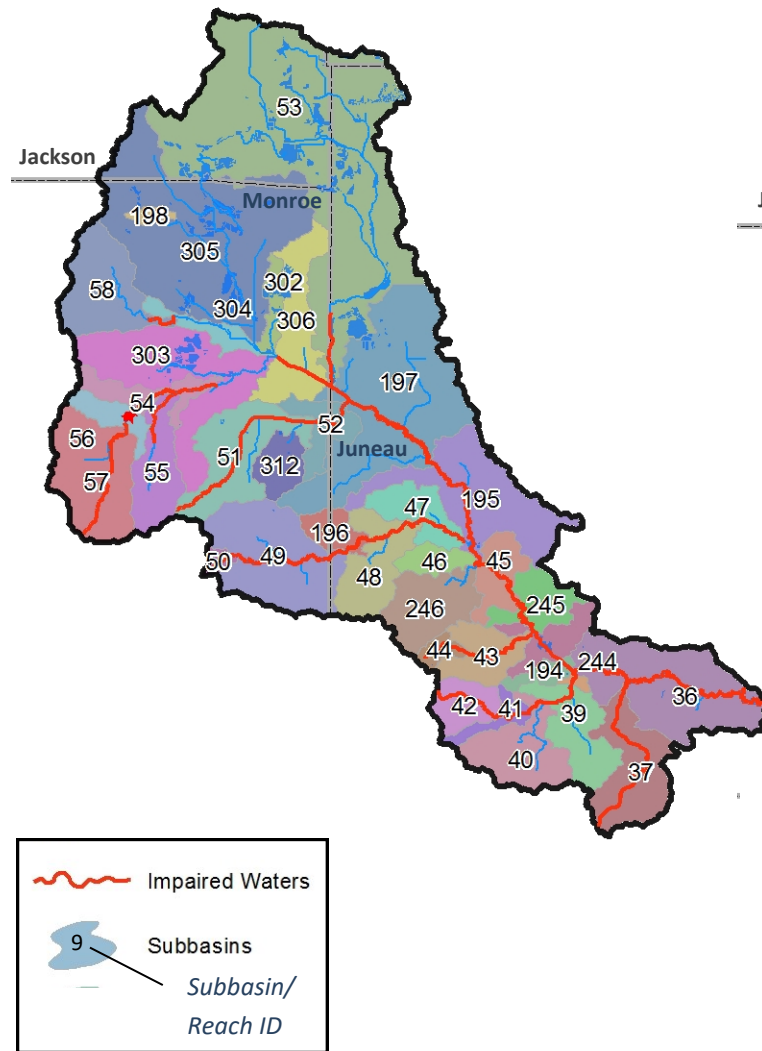
Sources of Phosphorus



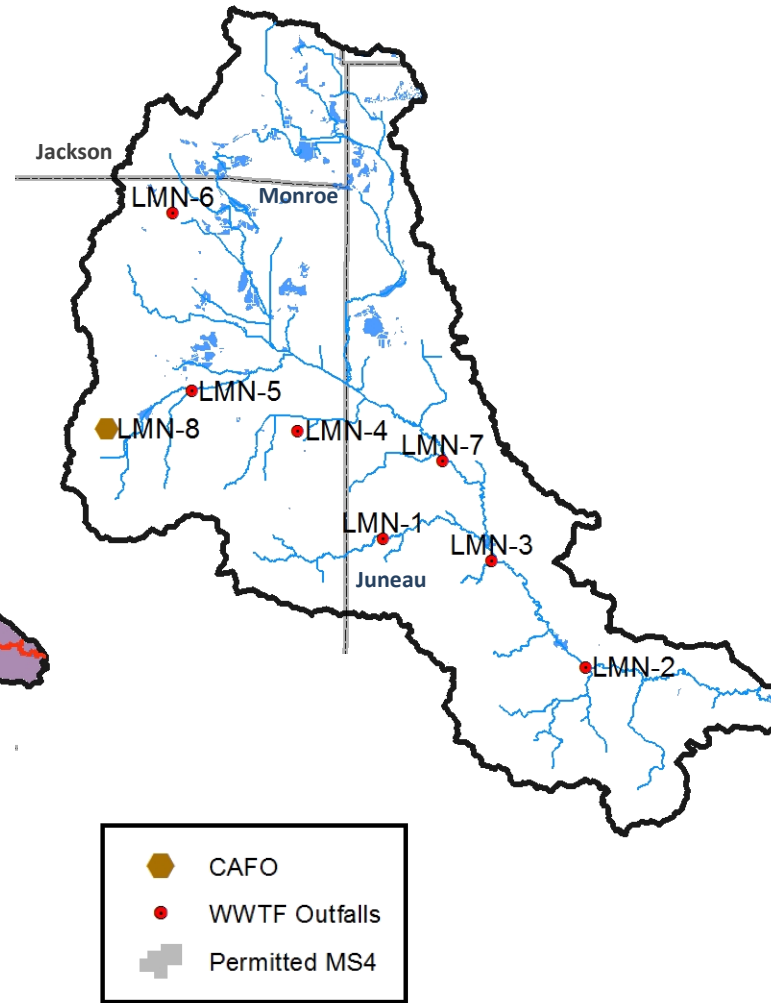
Land Use



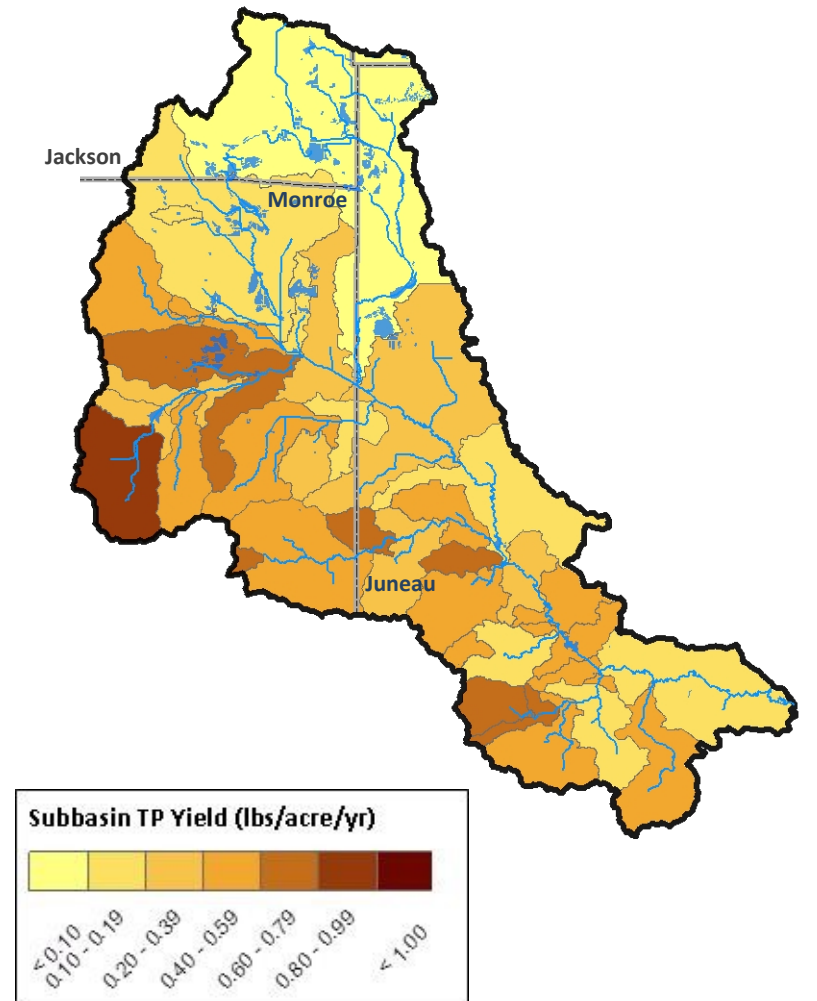
IMPAIRED WATERS



PHOSPHORUS POINT SOURCES



NONPOINT SOURCE PHOSPHORUS YIELD

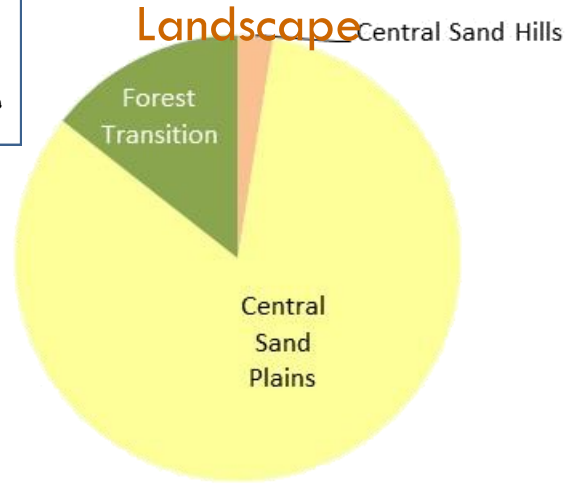


Name	Impaired Waters			Municipal WWTFs									
	TP Standard (ug/L)	Subbasin/Reach ID	Name	TP Standard (ug/L)	Subbasin/Reach ID	Permittee	Permit No.	No. Outfalls	Map ID	Permittee	Permit No.	No. Outfalls	Map ID
Bear Creek	75	51, 52	Little Lemonweir	75	47-50, 196	Hustler WWTF	0032085	1	LMN-1	WI Air National Guard WWTF	0023078	1	LMN-7
Beaver Creek	75	53	Mill Creek	75	58, 305	Mauston WWTF	0024635	1	LMN-2				
Brewer Creek	75	44, 45	Onemile Creek	75	38, 39, 41, 42	New Lisbon WWTF	0020699	1	LMN-3	CAFOs			
Council Creek	75	55	Sevenmile Creek	75	37	Oakdale WWTF	0031259	1	LMN-4				
Lemonweir River	100	36, 194, 244, 245, 45, 195, 197, 306	South Fork, Lemonweir River	75	54-57	Tomah WWTF	0021318	1	LMN-5	Permittee	Permit No.	Map ID	
Little Holten Creek	75	48	Tomah Lake	40	56	Warrens WWTF	0060259	1	LMN-6	Chapman Brothers Farms	0062774	LMN-8	

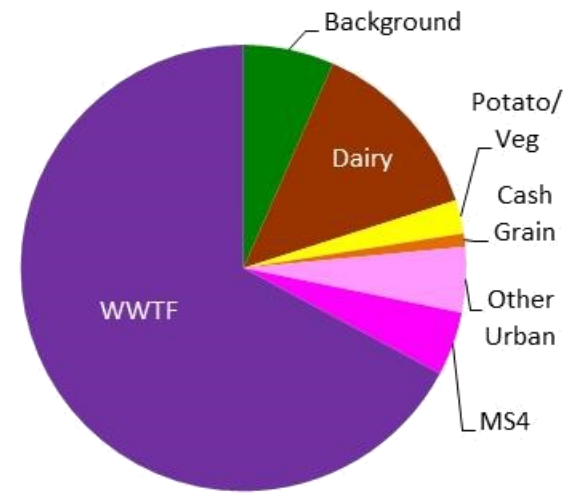


### Ecological

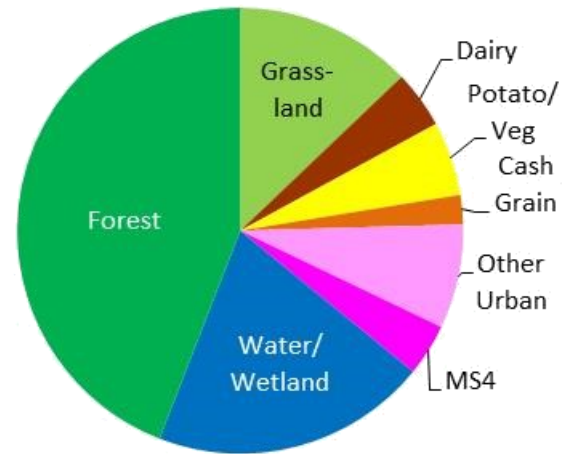
### Landscape



### Sources of Phosphorus



### Land Use



Impaired Waters			
Name	TP Standard (ug/L)	Subbasin/ Reach ID	
Wisconsin River above Castle Rock Lake	100	59, 73	
Castle Rock Flowage	40	59	
Petenwell Flowage	40	74	

Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Nekoosa	0020613	1	C-1
O'Dell Bay SD 1	0036536	1	C-2
Plover	0027995	1	C-3
Port Edwards	0020451	1	C-4
Stevens Point	0029572	1	C-5
Wisconsin Rapids	0025844	1	C-6

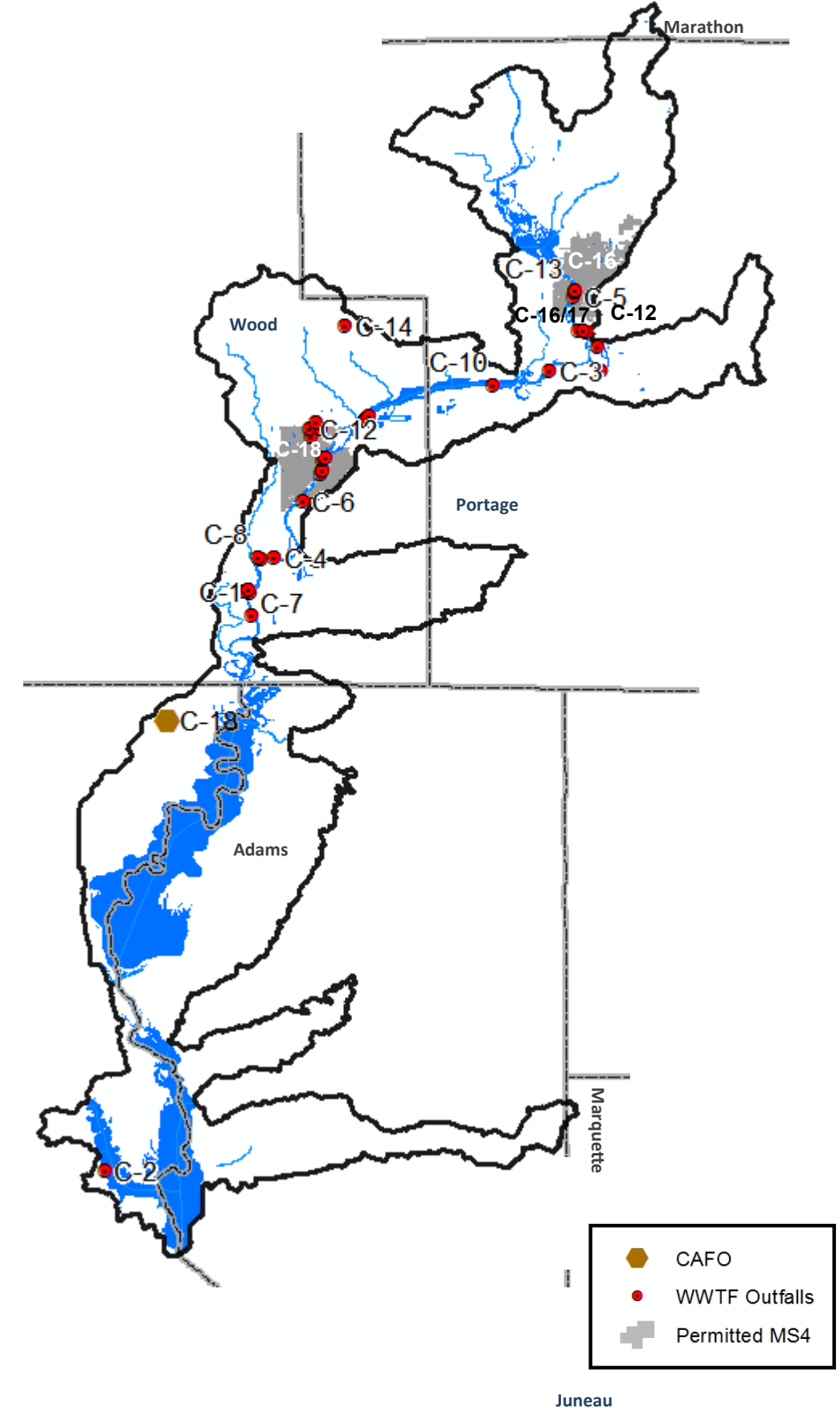
  

Industrial WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Domtar	0003620	5	C-7
Erco Worldwide	0003565	1	C-8
Foremost Farms USA Plover	0003859	2	C-9
McCain Foods USA, Inc. Plover	0054518	1	C-10
Neenah Paper Inc. Whiting Mill	0003611	1	C-11
Newpage Corp Water Quality Center	0037991	16	C-12
Verso Minnesota Wisconsin LLC—Water Renewal Center	0003468	7	C-13
Wisconsin Dairy State Cheese, Inc	0055751	1	C-14

Permitted MS4s (Covered by WPDES Gen. Permit WI-S050075-2)			CAFOs		
Permittee	Permit No.	ID	Permittee	Permit No.	Map ID
Stevens Point, City	0031432	C-15	Central Sands Dairy LLC	0063533	C-18
UW-Stevens Point	0037193	C-16			
Wisconsin Rapids, City	0031440	C-17			

### PHOSPHORUS POINT SOURCES

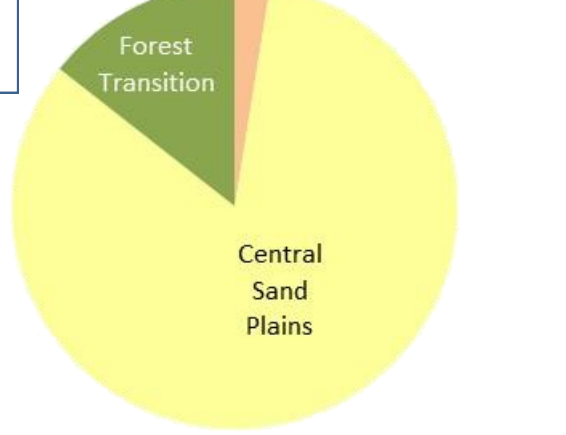


- ⬢ CAFO
- WWTF Outfalls
- Permitted MS4

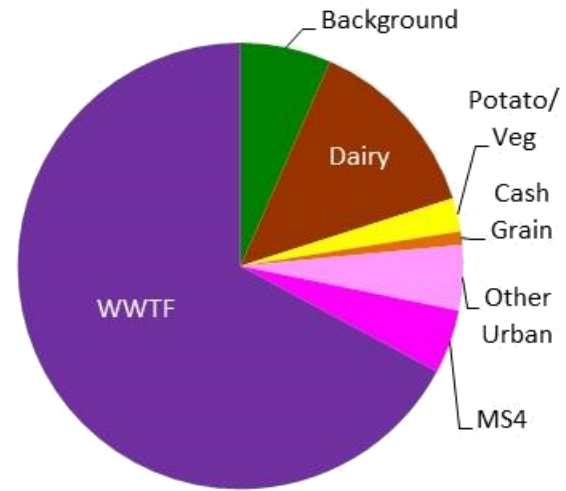


### Ecological

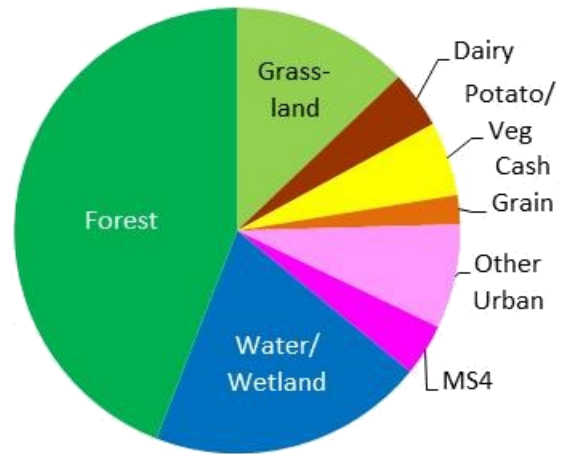
#### Landscape



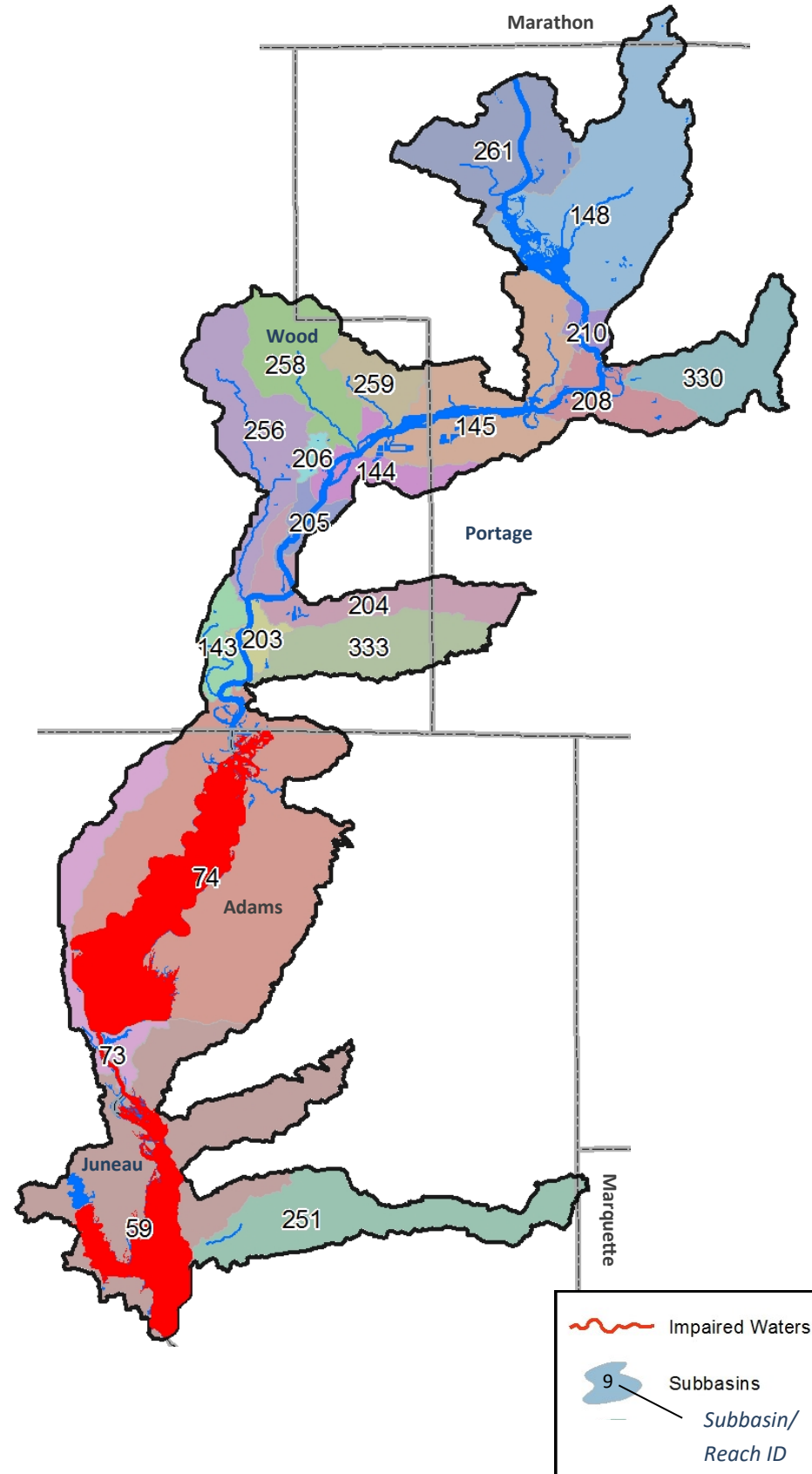
### Sources of Phosphorus



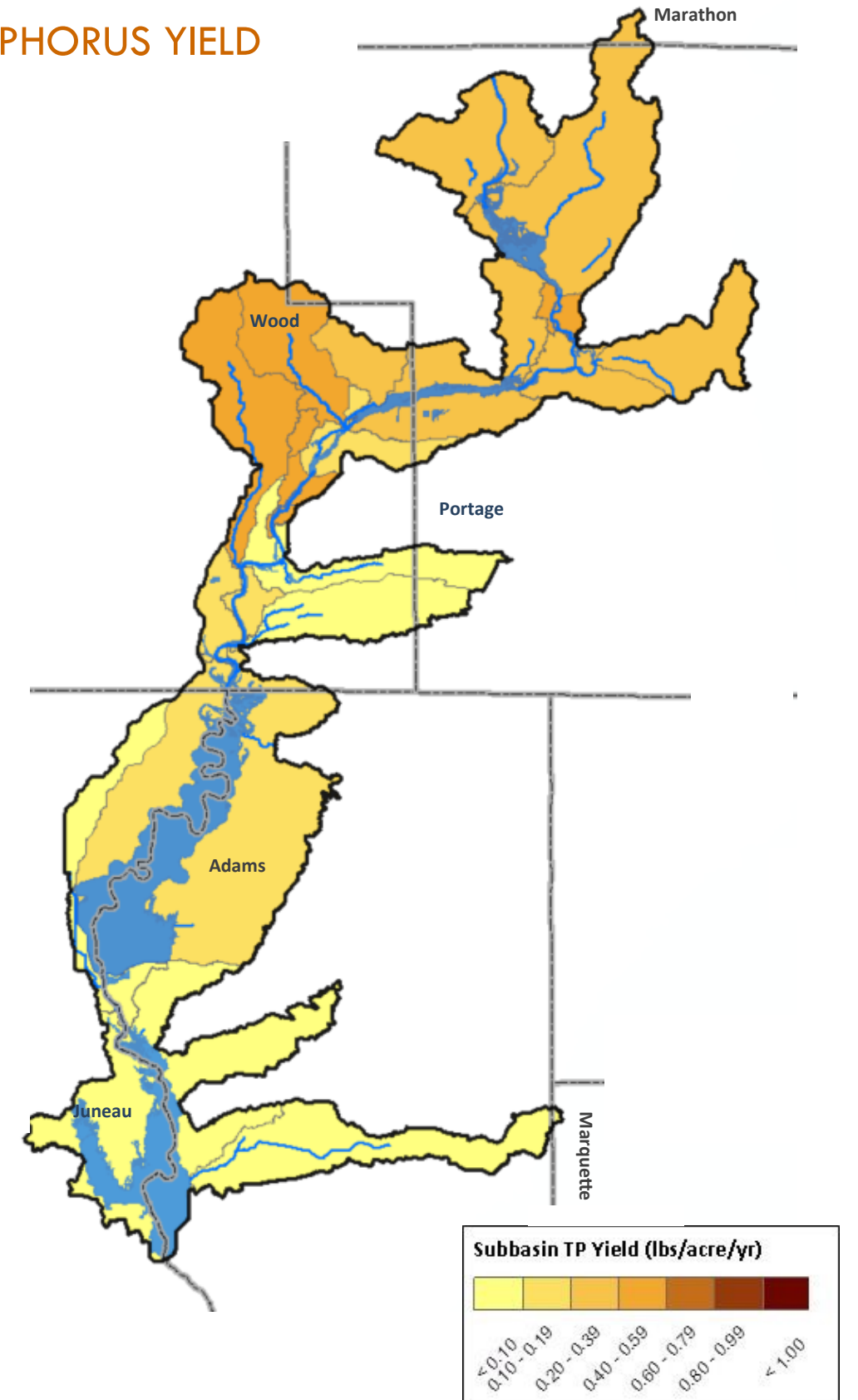
### Land Use

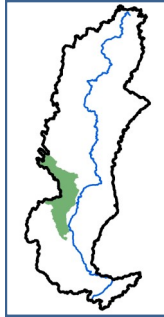


### IMPAIRED WATERS



### NONPOINT SOURCE PHOSPHORUS YIELD

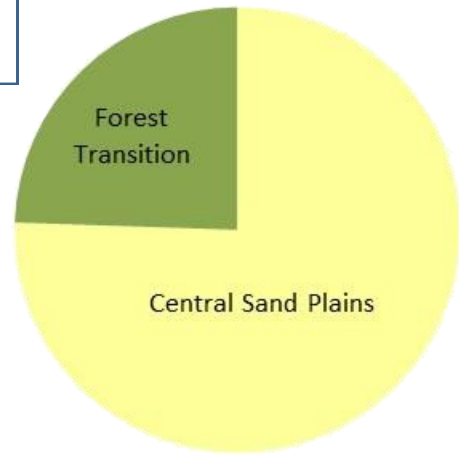




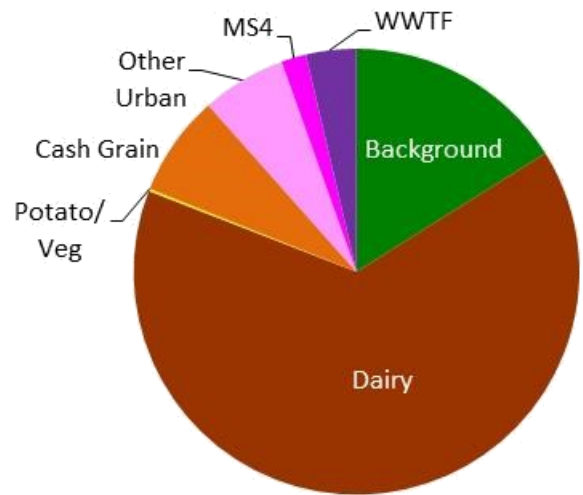
Ave. Annual Phosphorus Load = 46.6 tons | Clark, Jackson, Juneau, Marathon and Wood Counties | 658.2 square miles |

# Yellow River Watershed

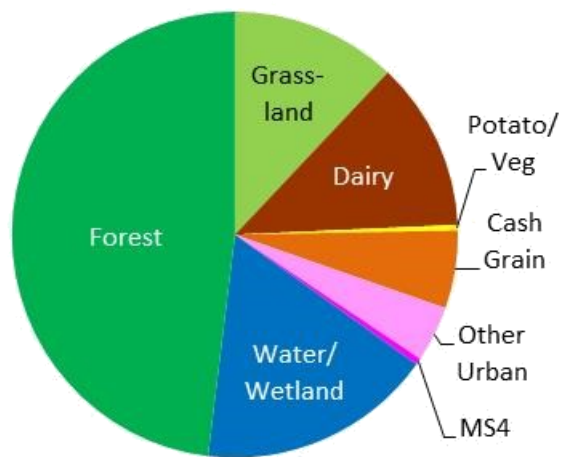
## Ecological



## Sources of Phosphorus

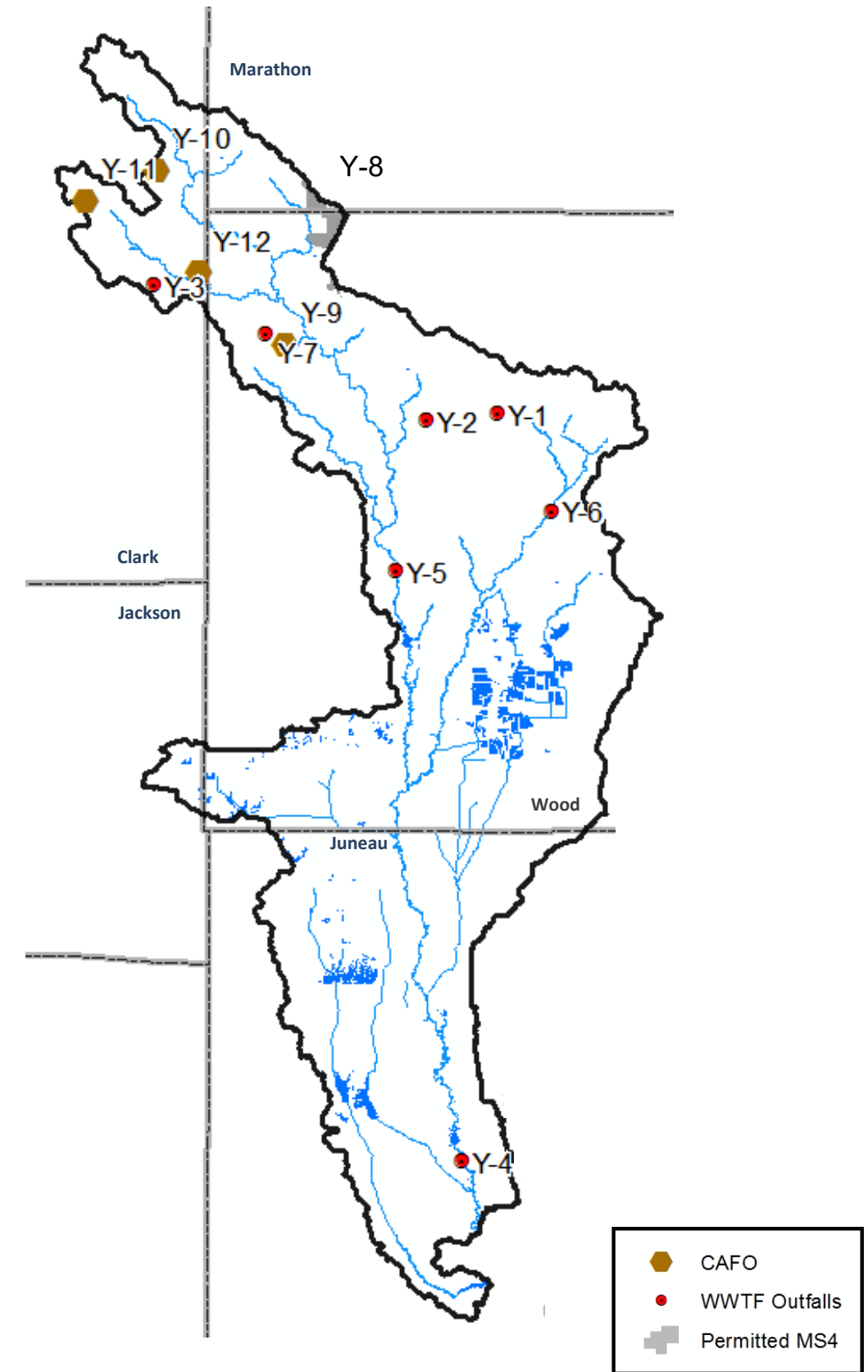


## Land Use

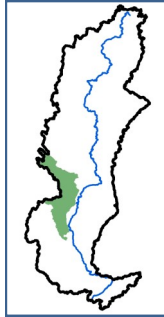


Impaired Waters			
Name	TP Standard (ug/L)	Subbasin/Reach ID	
Beaver Creek	75	307	
Cat Creek	75	65	
Dawes Creek	75	62	
Little Hemlock Creek	75	62	
Hemlock Creek	75	62, 201	
Puff Creek	75	307	
Rocky Creek	75	66	
Unnamed Creeks	75	67, 68, 70-72, 275, 313	
Yellow River	75	60, 61, 64, 140, 199, 200, 250, 275, 307	
Yellow River, S. Branch	75	69, 71	
Dexter Lake	40	63	
Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Arpin	0020605	1	Y-1
Exceptional Living Centers—Bethel	0031801	1	Y-2
Chili	0023931	1	Y-3
Nededah	0035483	1	Y-4
Pittsville	0020583	1	Y-5
Vesper	0020516	1	Y-6
Industrial WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Nasonville Dairy	0040312	1	Y-7
Permitted MS4s (Covered by WPDES Gen. Permit WI-S050075-2)			
Permittee	Permit ID No.	Map ID	
City of Marshfield	0031425	Y-8	
CAFOs			
Permittee	Permit No.	Map ID	
Destiny Farms LLC	0064343	Y-9	
Dietsche Dairy LLC	0059277	Y-10	
Elusive Hill Dairy LLC	0062022	Y-11	
Norm-E-Lane Inc.	0059421	Y-12	

## PHOSPHORUS POINT SOURCES



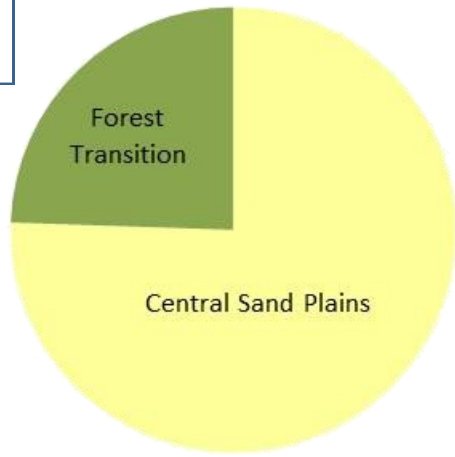




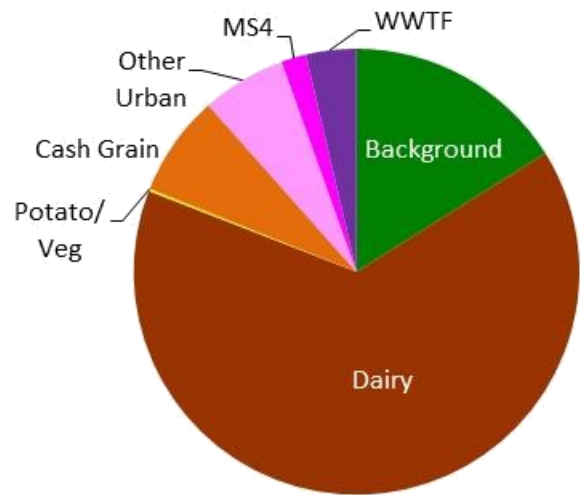
Ave. Annual Phosphorus Load = 46.6 tons | Clark, Jackson, Juneau, Marathon and Wood Counties | 658.2 square miles |

# Yellow River Watershed

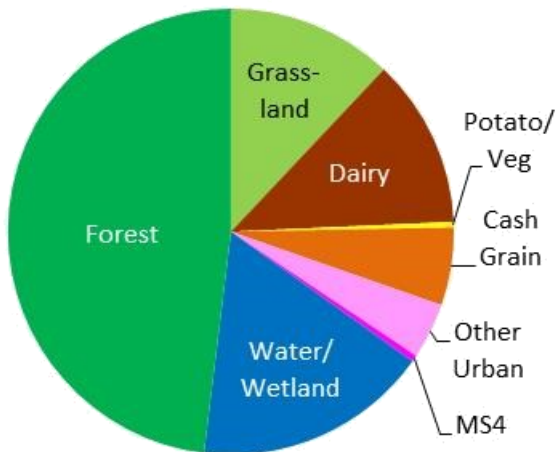
## Ecological



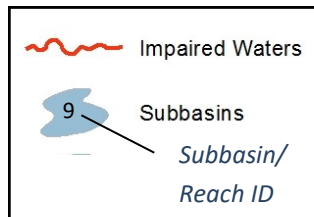
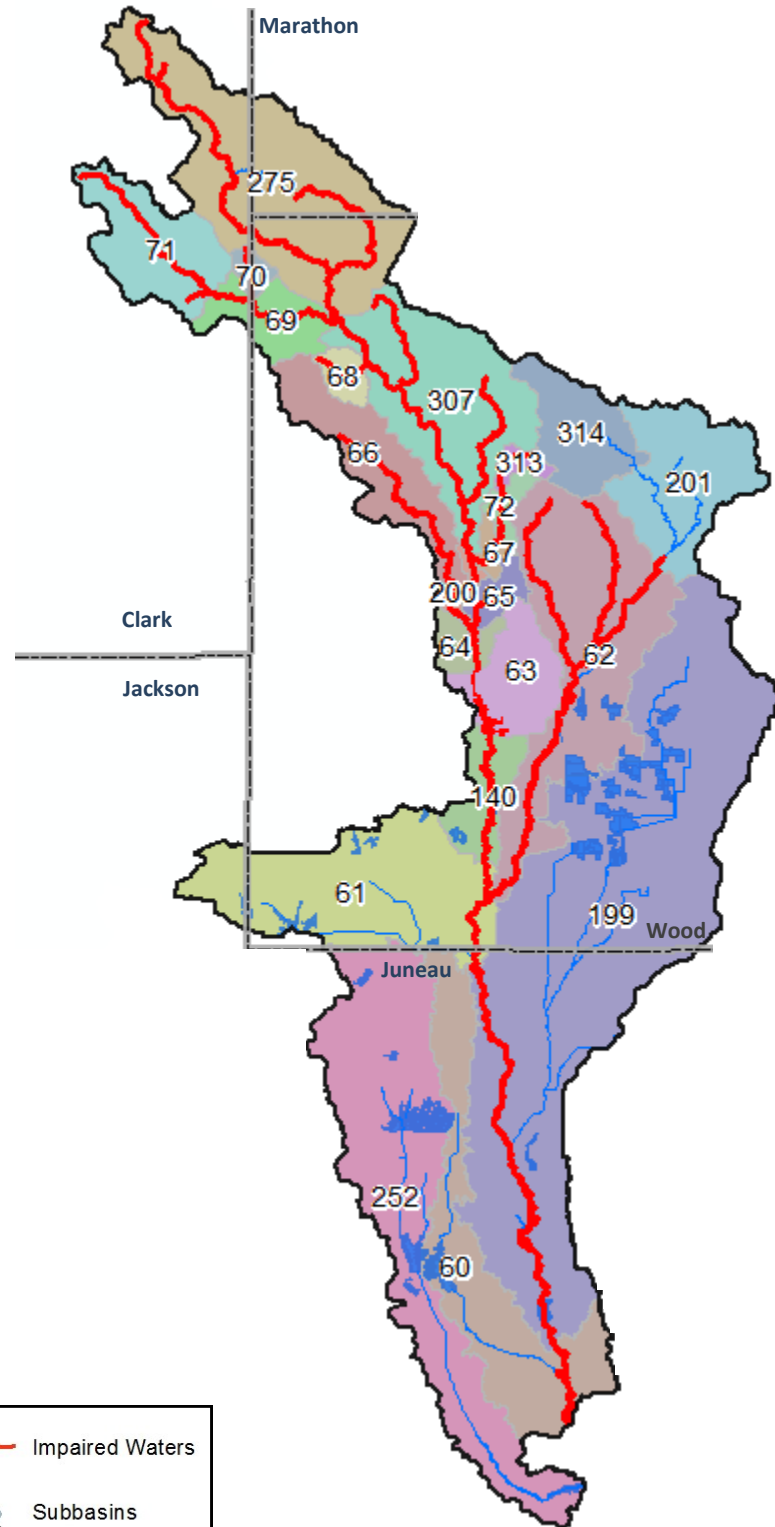
## Sources of Phosphorus



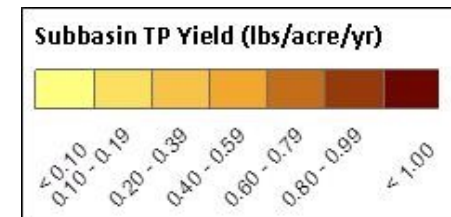
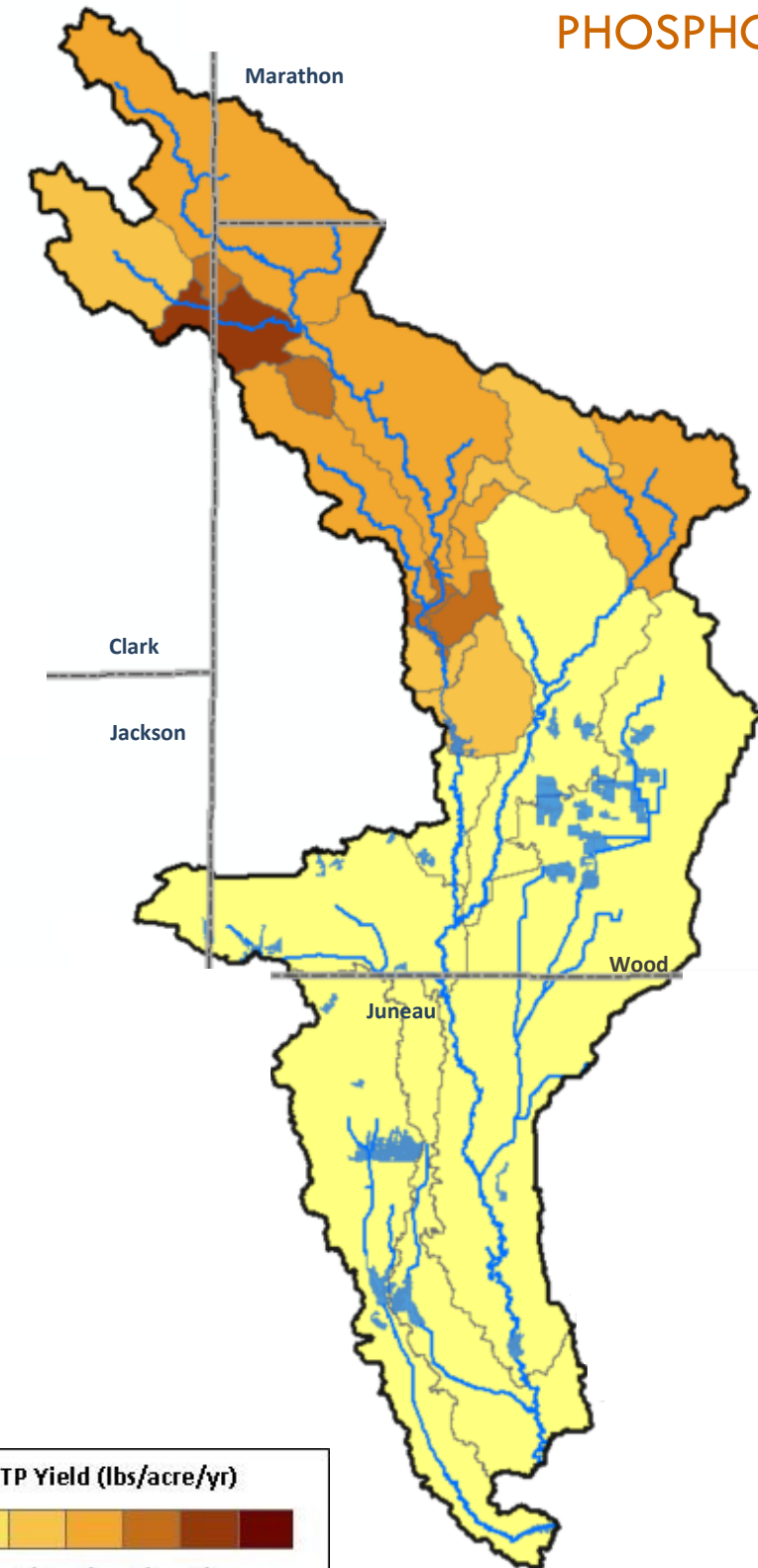
## Land Use



## IMPAIRED WATERS



## NONPOINT SOURCE PHOSPHORUS YIELD

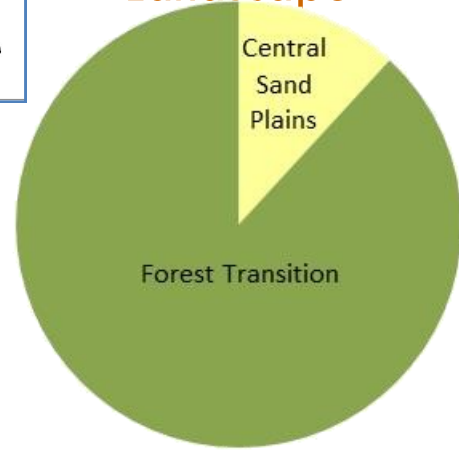


# Mill Creek Watershed

Ave. Annual Phosphorus Load = 27.1 tons | Portage and Wood Counties | 129.6 square miles |

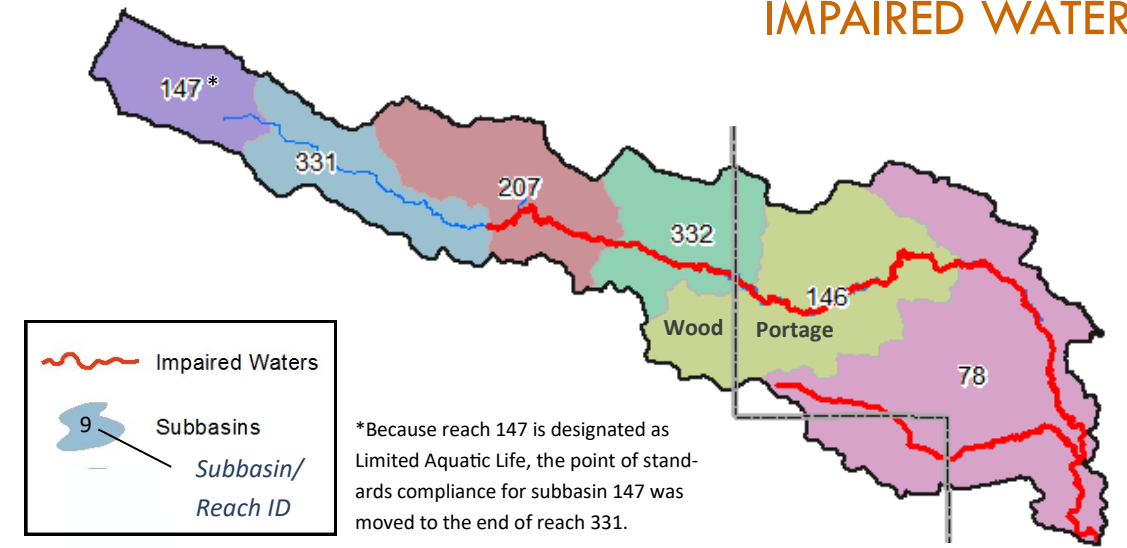


## Ecological Landscape

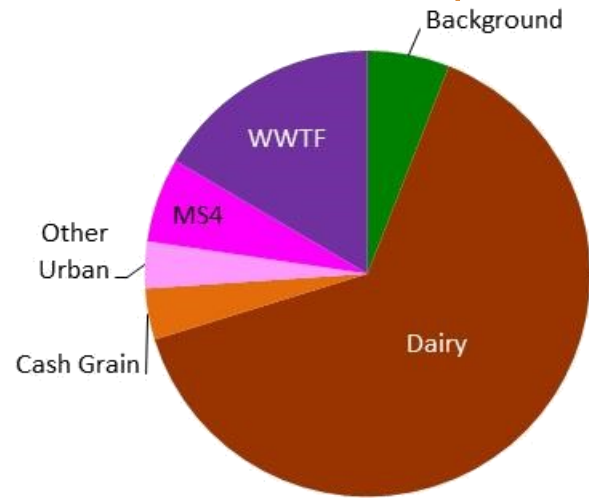


Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/ Reach ID
Bear Creek	75	78
Mill Creek	75	78, 146, 332, 207

## IMPAIRED WATERS

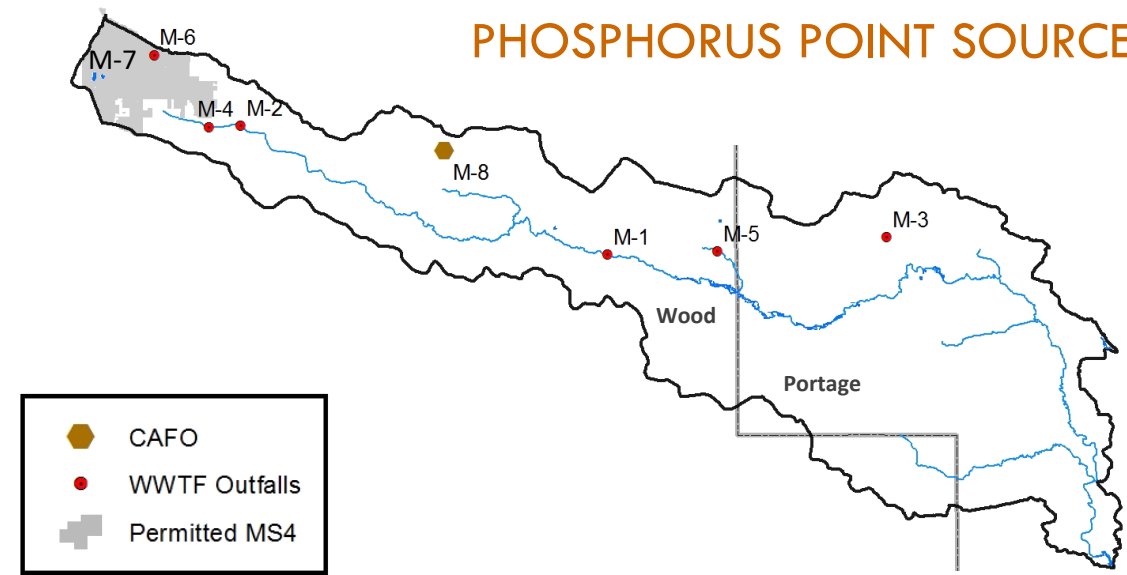


## Sources of Phosphorus

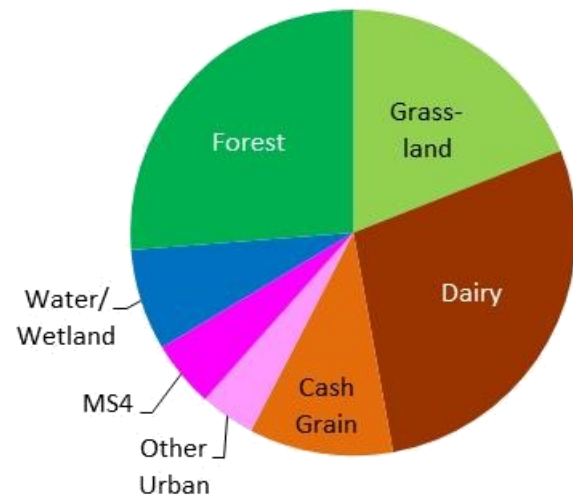


Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Blenker Sherry Sanitary District	0031950	1	M-1
Hewitt Sanitary District	0031275	1	M-2
Junction City	0028070	1	M-3
Marshfield	0021024	1	M-4
Milladore	0022381	1	M-5

## PHOSPHORUS POINT SOURCES



## Land Use

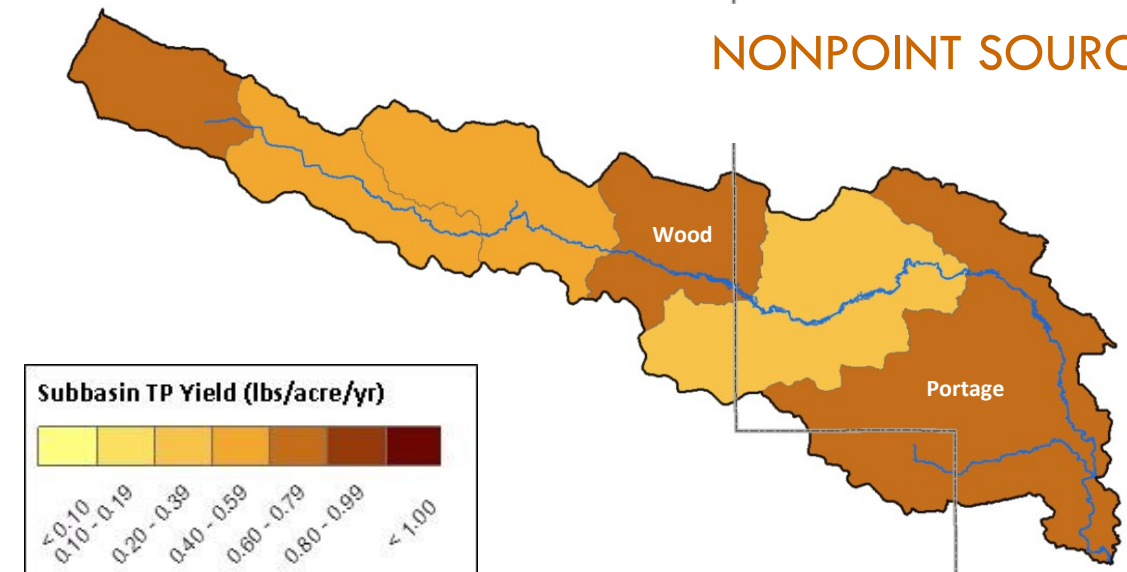


Industrial WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Foremost Farms	0031950	1	M-6

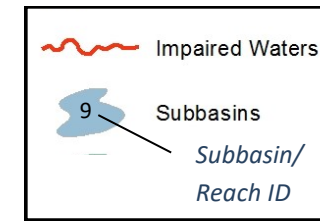
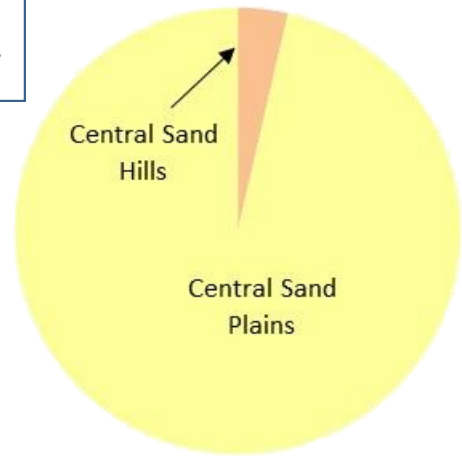
Permitted MS4s (Covered by WPDES Gen. Permit WI-S050075-2)			
Permittee	Permit No.	Map ID	
City of Marshfield	0031425	M-7	

CAFOs			
Permittee	Permit No.	Map ID	
Tri-Star Dairy Inc.	0031950	M-8	

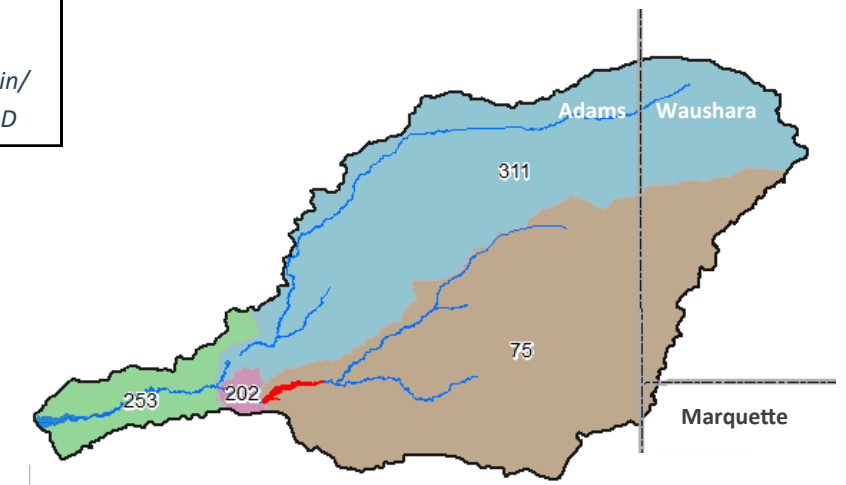
## NONPOINT SOURCE



Ecological

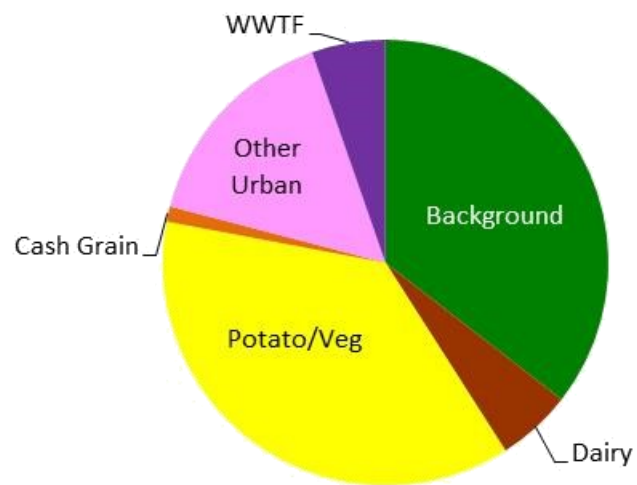


IMPAIRED WATERS



Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/Reach ID
Friendship Lake	40	75

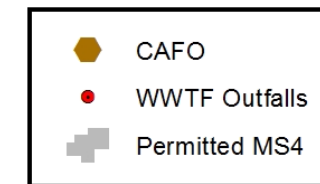
Sources of Phosphorus



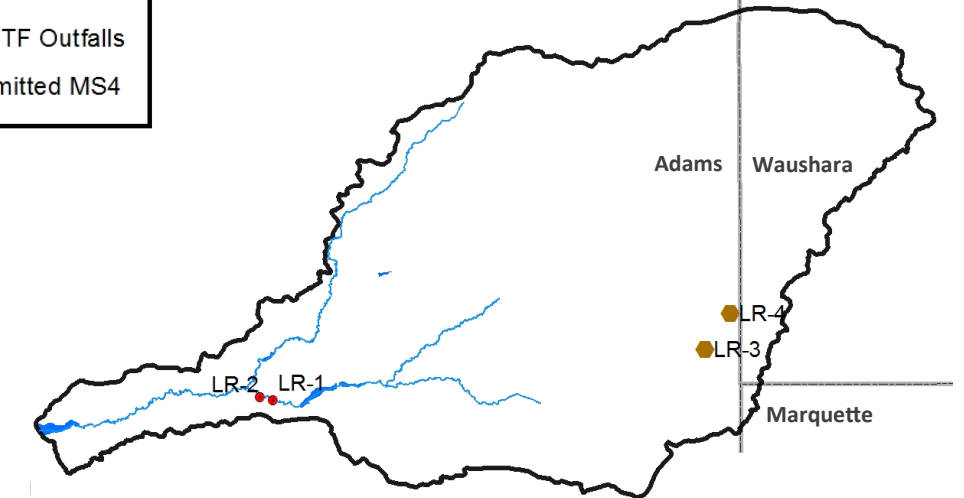
Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Adams	0023159	1	LR-1

Industrial WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Grande Cheese Company, Custom Ingredient Div.	0050547	1	LR-2

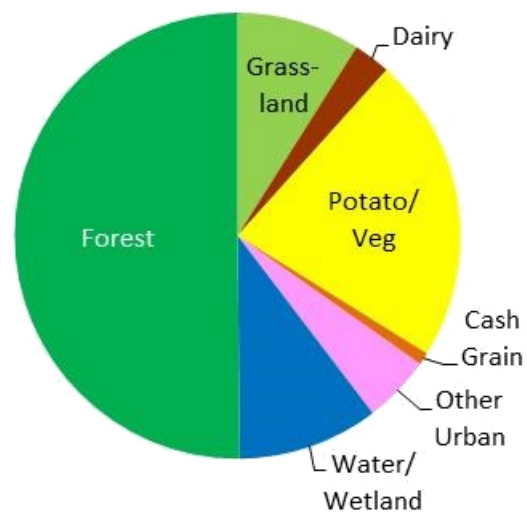
CAFOs		
Permittee	Permit No.	Map ID
Burr Oak Heifers	0061824	LR-3
Richfield Dairy	0064815	LR-4



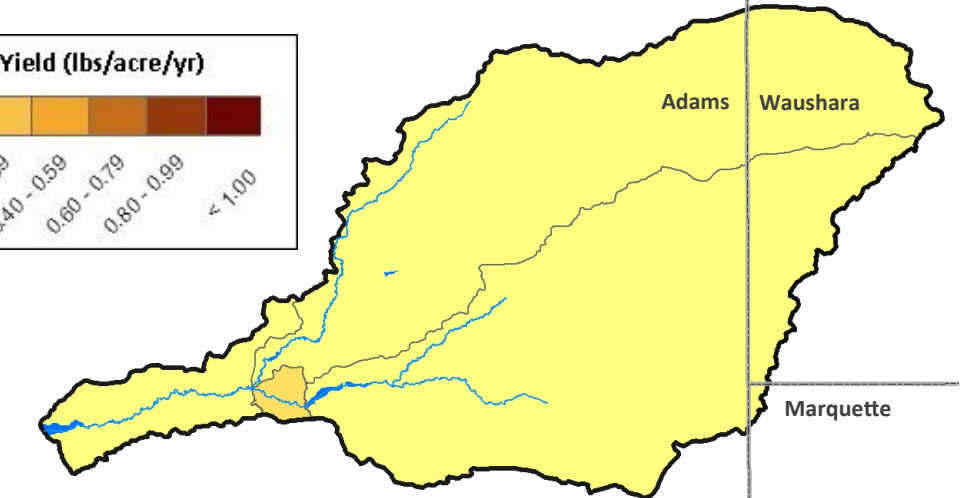
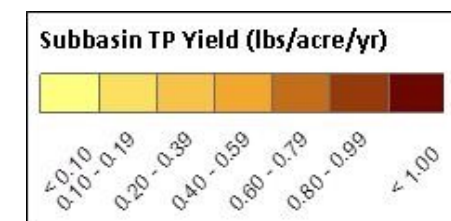
PHOSPHORUS POINT SOURCES

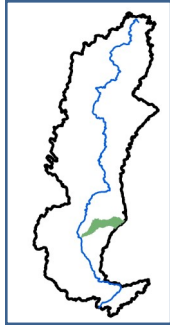


Land Use



NONPOINT SOURCE PHOSPHORUS YIELD

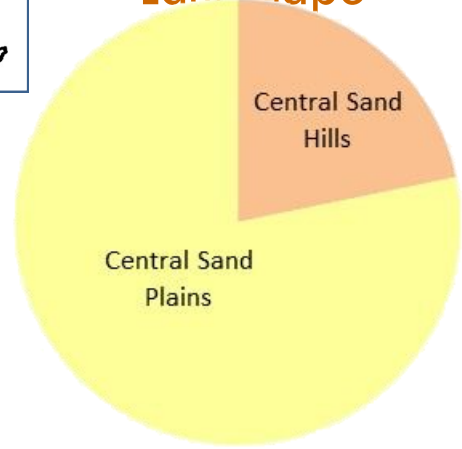




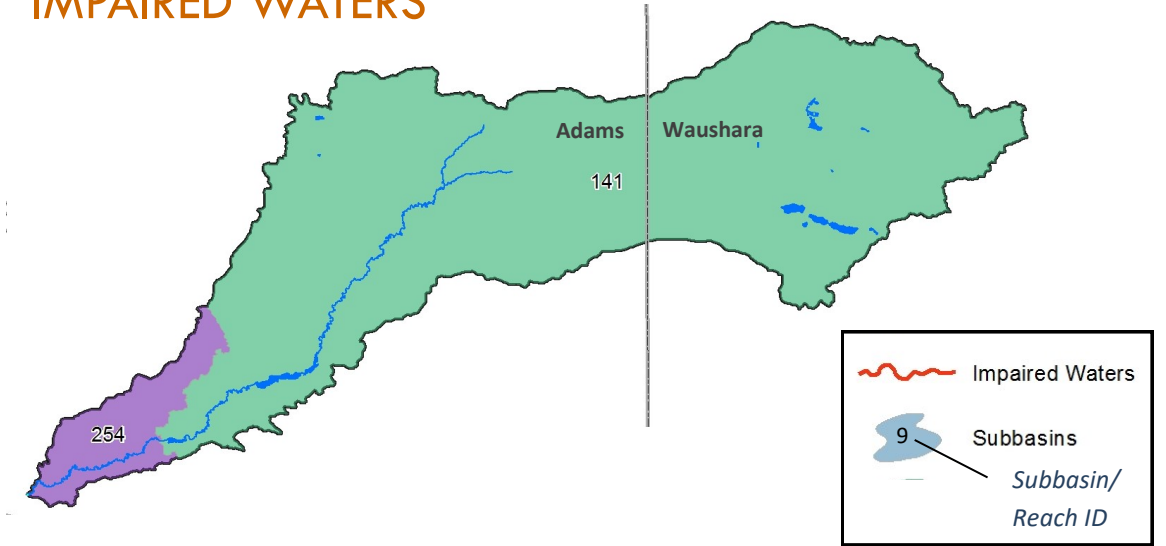
Ave. Annual Phosphorus Load = 3.7 tons | Adams and Waushara Counties | 154.5 square miles |

# Big Roche a Cri Creek Watershed

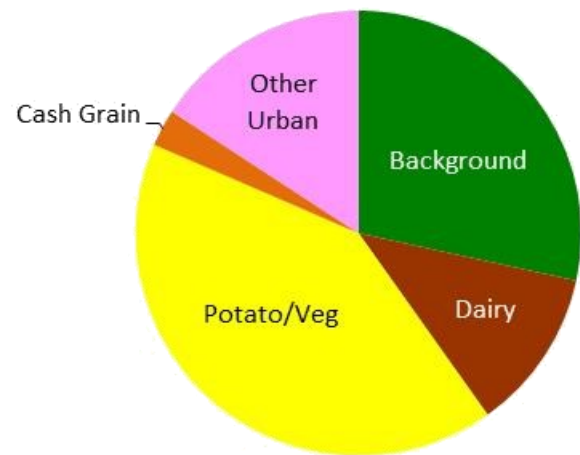
## Ecological Landscape



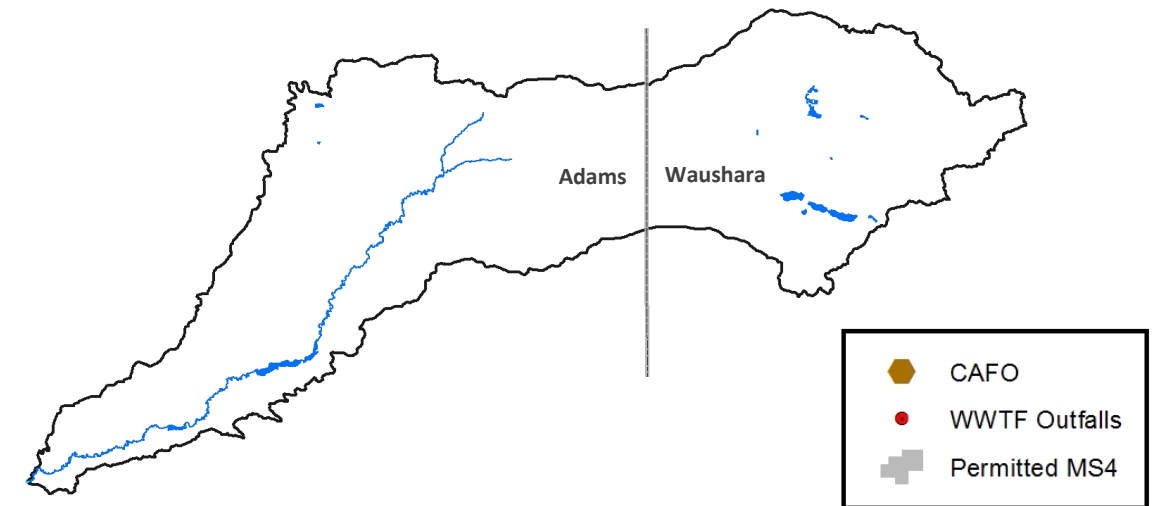
## IMPAIRED WATERS



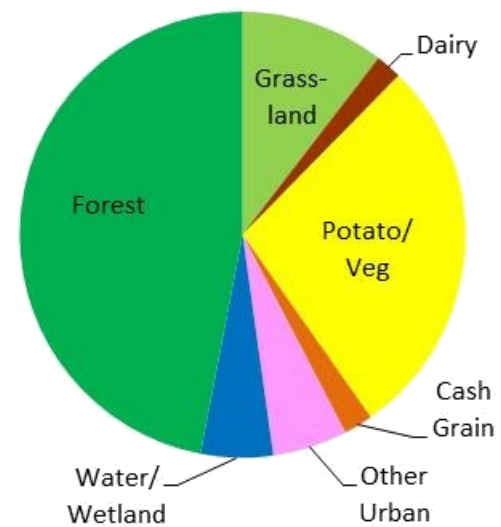
## Sources of Phosphorus



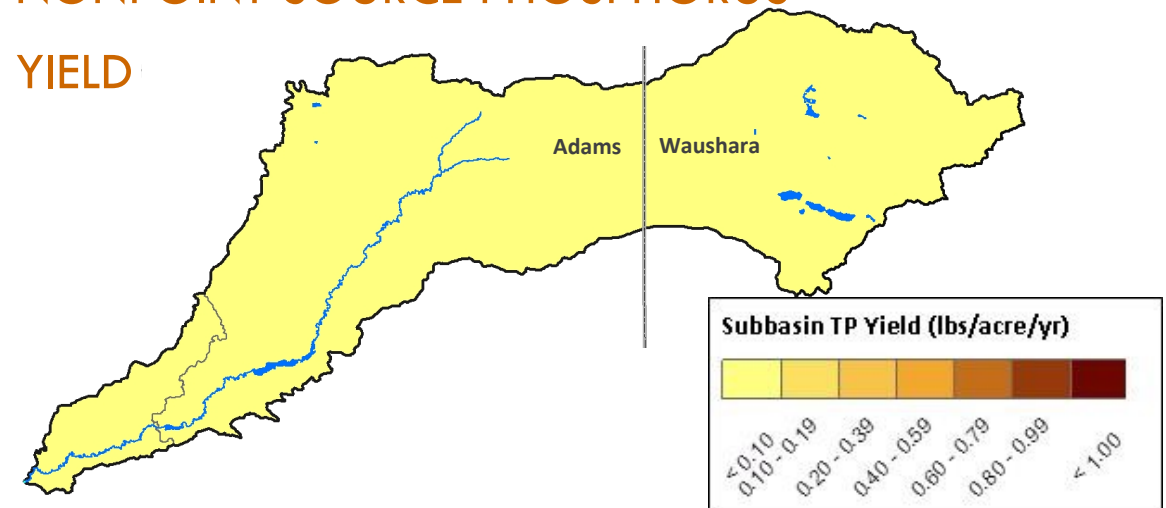
## PHOSPHORUS POINT SOURCES

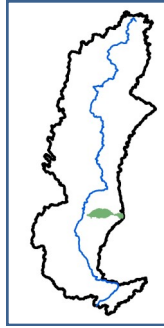


## Land Use



## NONPOINT SOURCE PHOSPHORUS YIELD

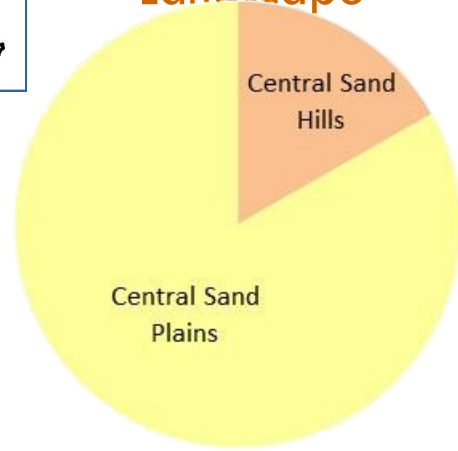




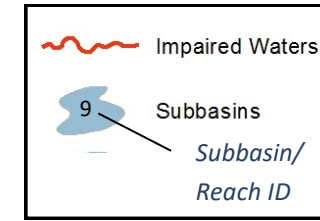
Ave. Annual Phosphorus Load = 4.2 tons | Adams, Portage, Waushara and Wood Counties | 102.2 square miles

# Fourteenmile Creek Watershed

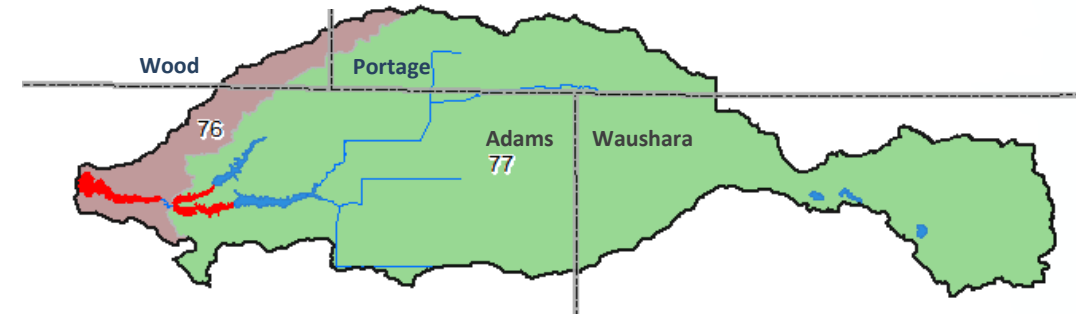
## Ecological Landscape



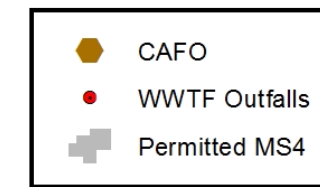
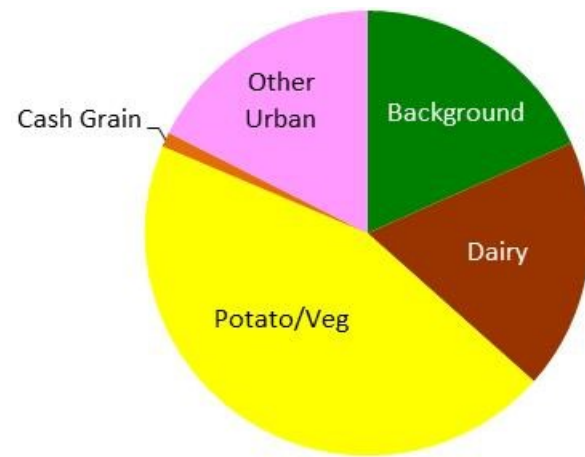
Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/Reach ID
Lake Arrowhead	30	76
Lake Sherwood	30	77



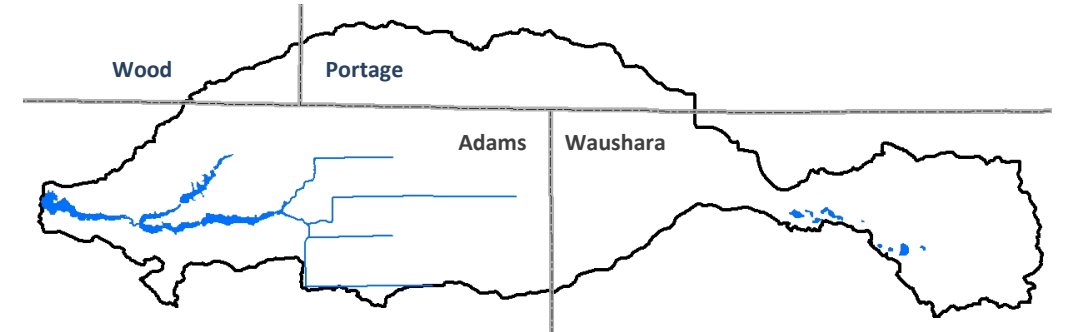
## IMPAIRED WATERS



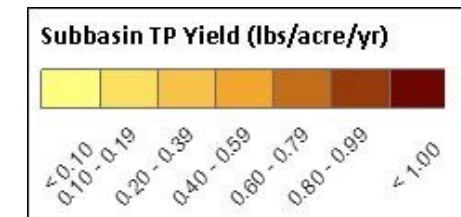
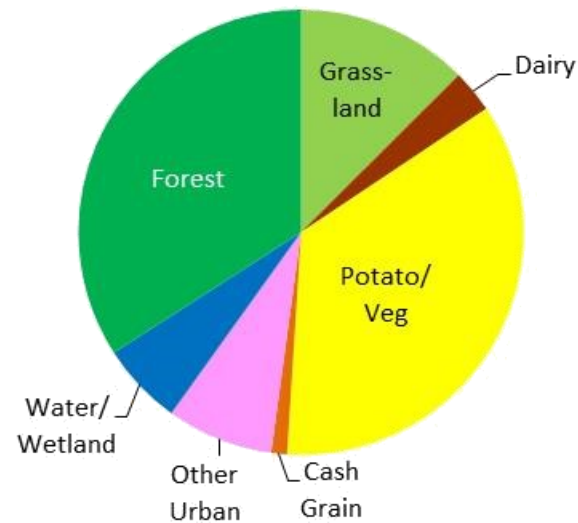
## Sources of Phosphorus



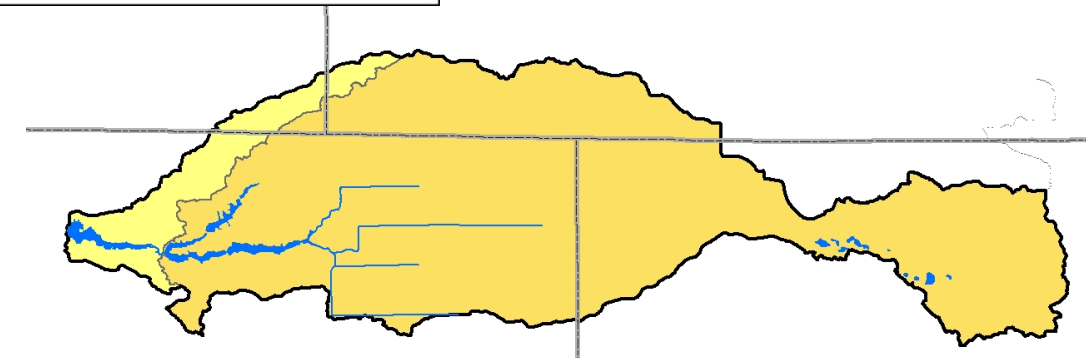
## PHOSPHORUS POINT SOURCES

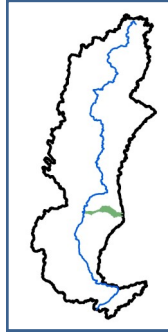


## Land Use



## NONPOINT SOURCE PHOSPHORUS YIELD

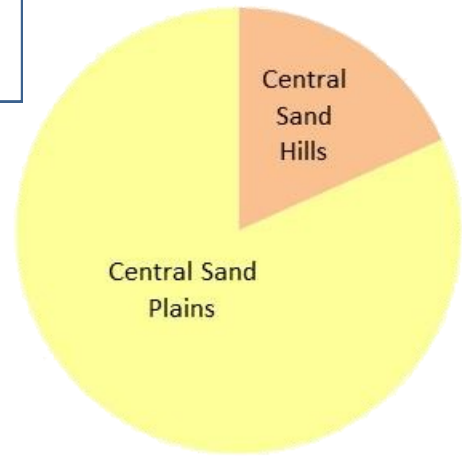




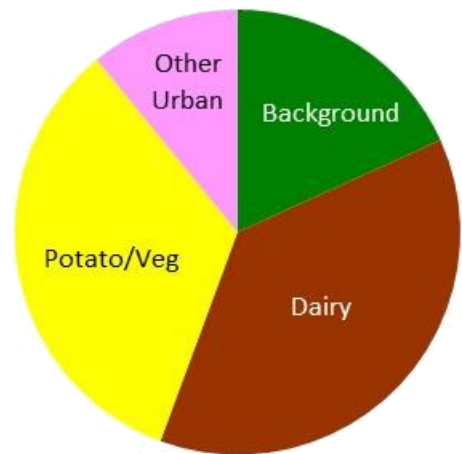
Ave. Annual Phosphorus Load = 3.5 tons | Adams, Portage, Waushara and Wood Counties | 83.9 square miles |

# Tenmile Creek Watershed

## Ecological

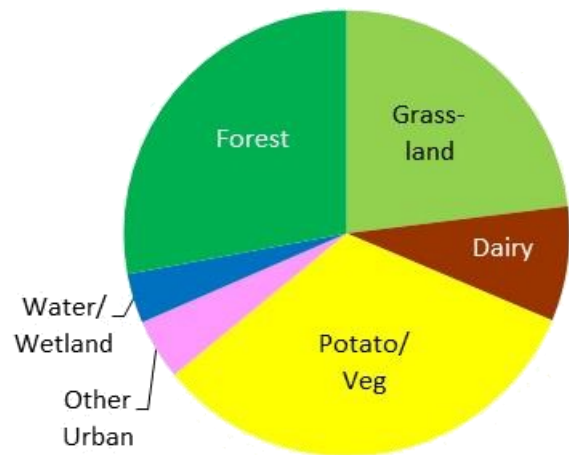


## Sources of Phosphorus

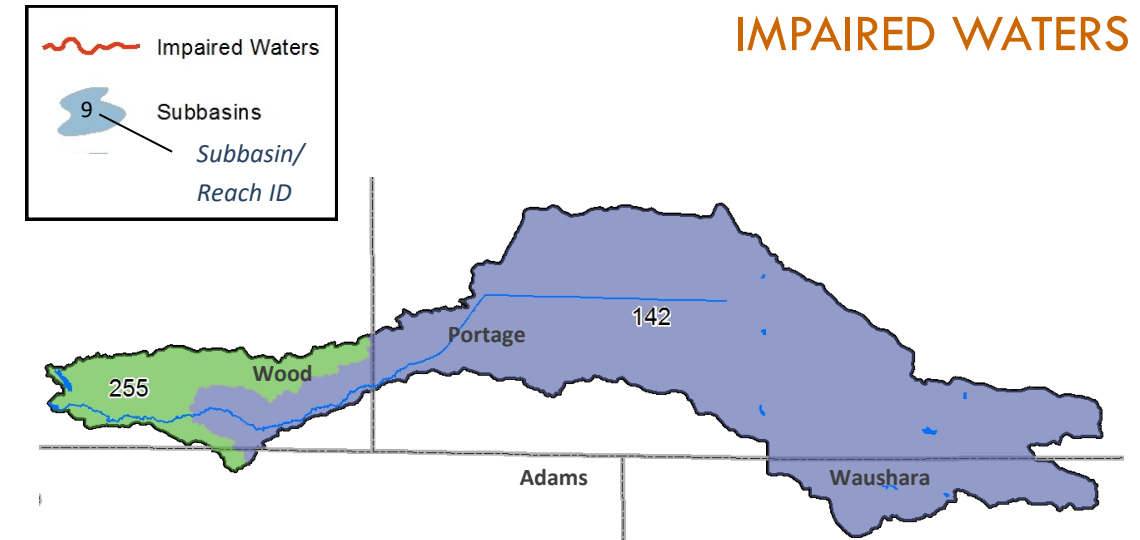


CAFOs		
Permittee	Permit No.	Map ID
Golden Sands Dairy LLC	0064980	TM-1

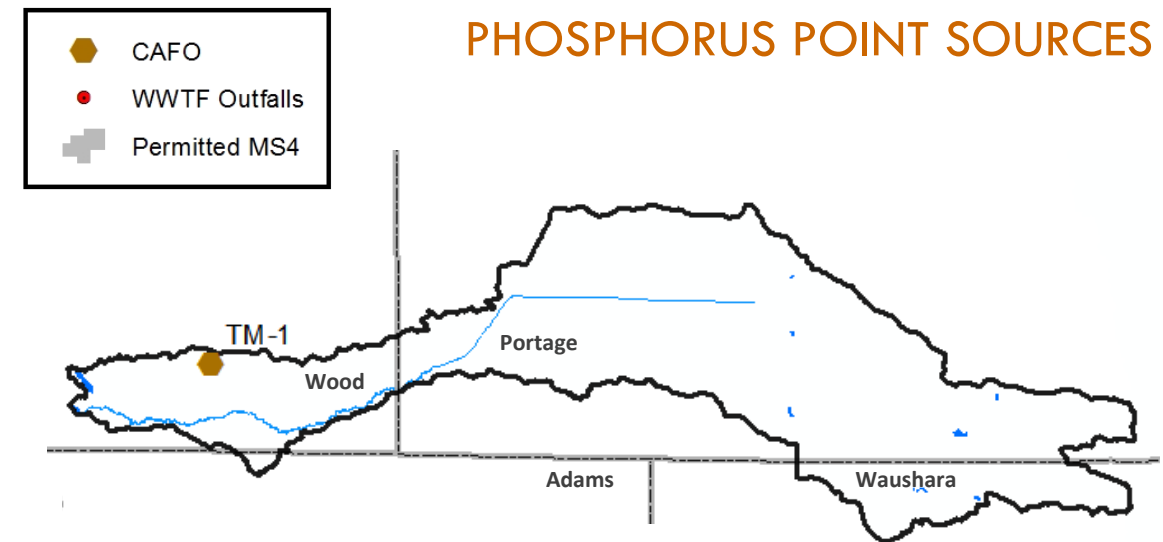
## Land Use



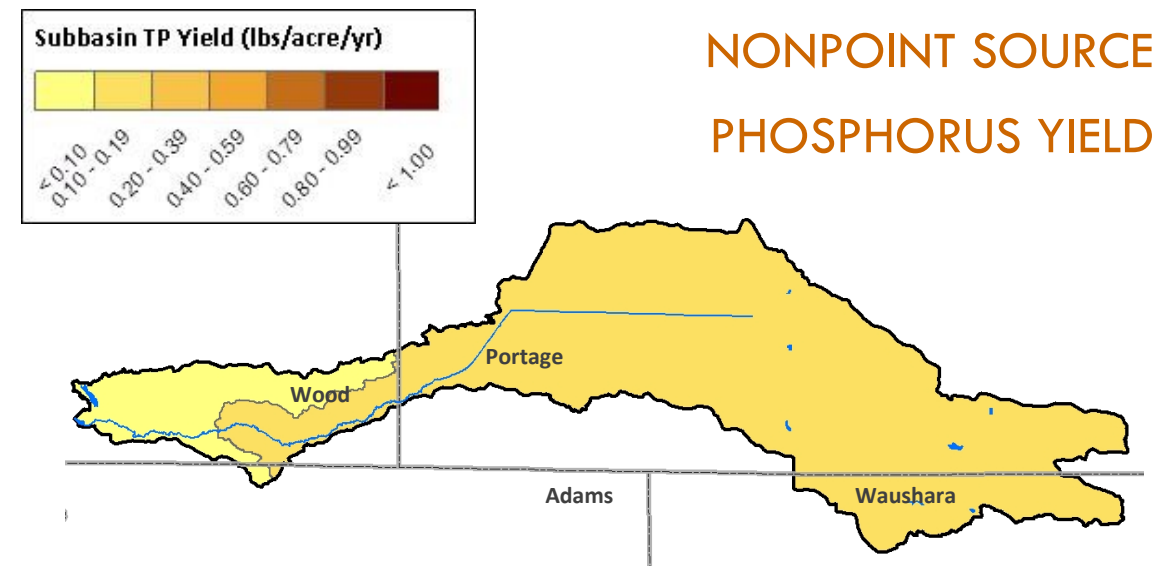
## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES



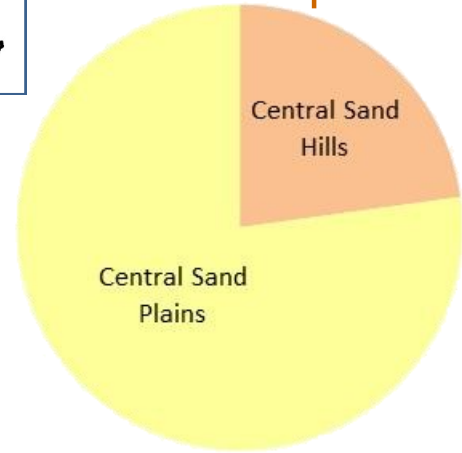
## NONPOINT SOURCE PHOSPHORUS YIELD



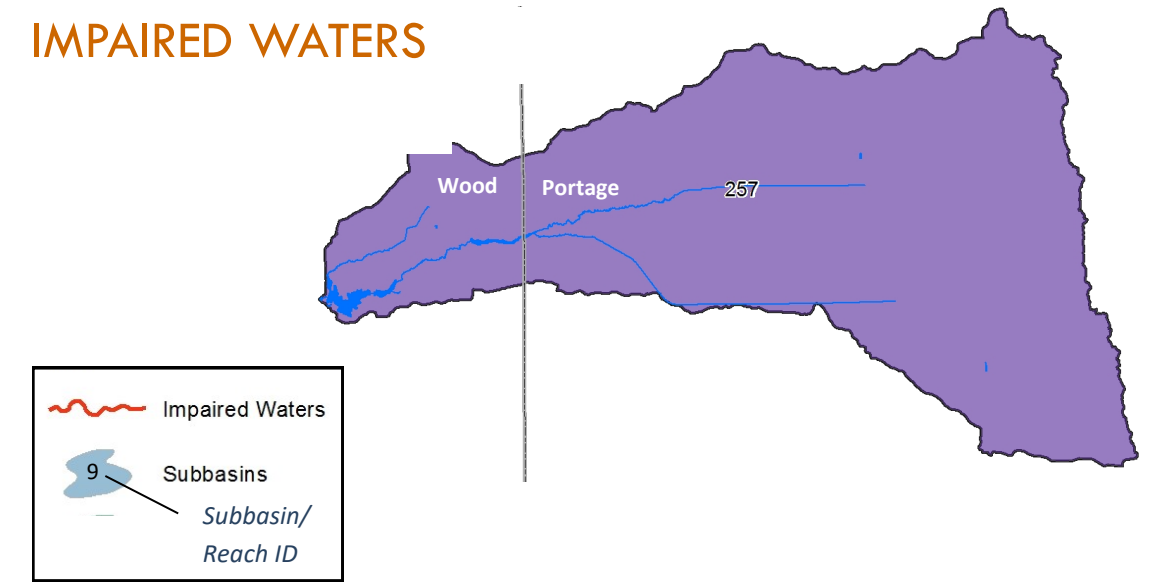
Ave. Annual Phosphorus Load = 9.0 tons | Portage and Wood Counties | 162.6 square miles



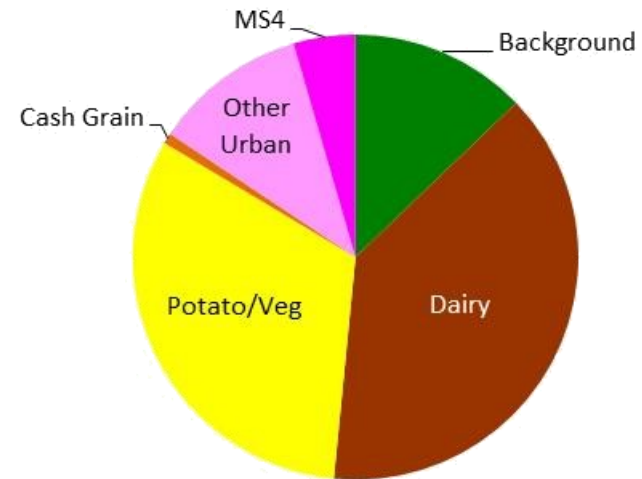
### Ecological Landscape



### IMPAIRED WATERS

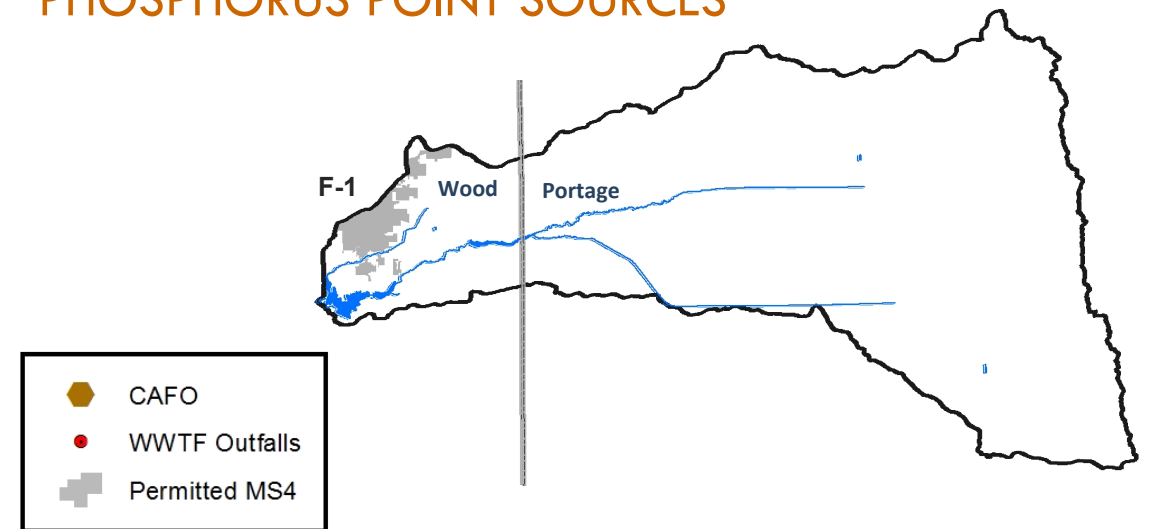


### Sources of Phosphorus

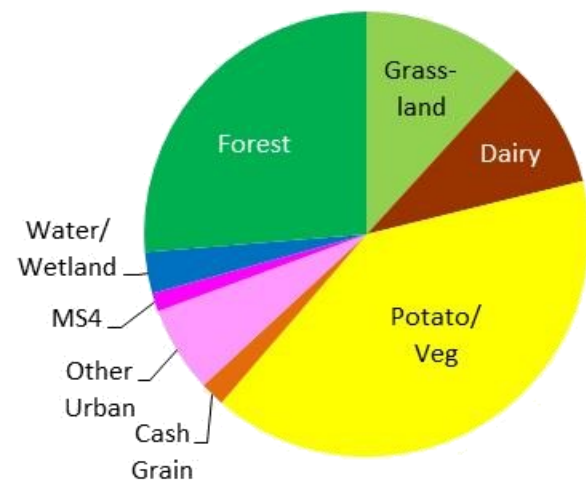


Permitted MS4s (Covered by WPDES Gen. Permit WI-S050075-2)		
Permittee	Permit No.	Map ID
Wisconsin Rapids	0031046	F-1

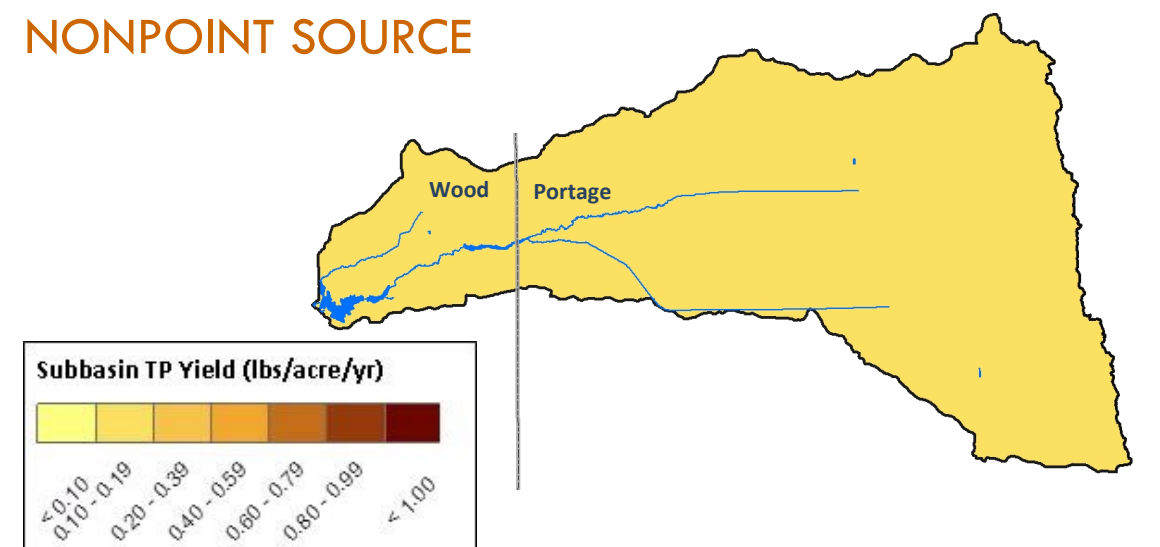
### PHOSPHORUS POINT SOURCES



### Land Use



### NONPOINT SOURCE

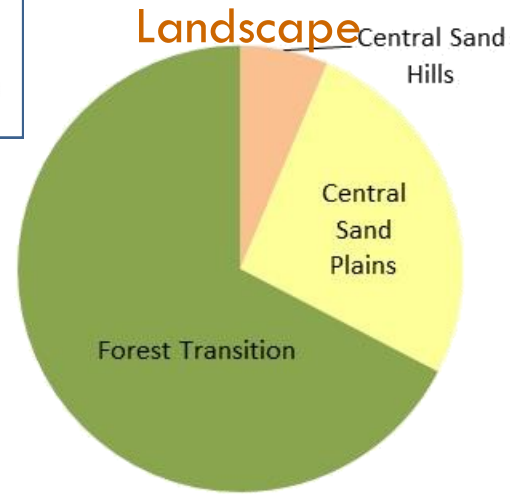


# Plover River Watershed

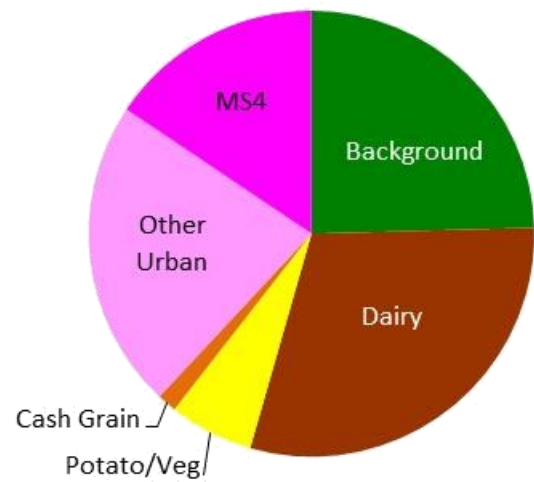
Ave. Annual Phosphorus Load = 6.0 tons | Langlade, Portage, Shawano and Wood Counties | 181.2 square miles |



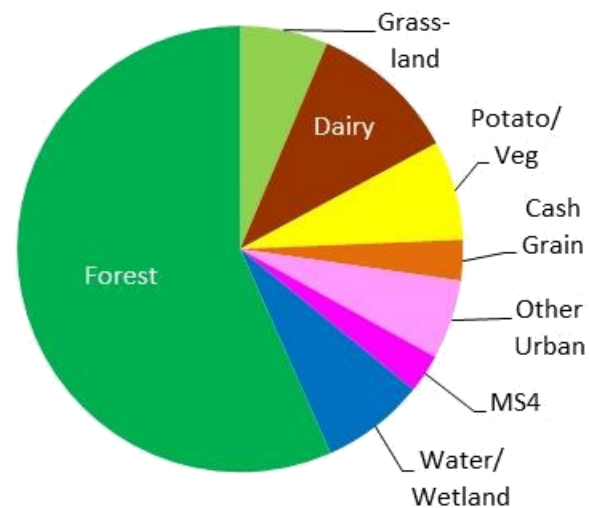
## Ecological Landscape



## Sources of Phosphorus



## Land Use



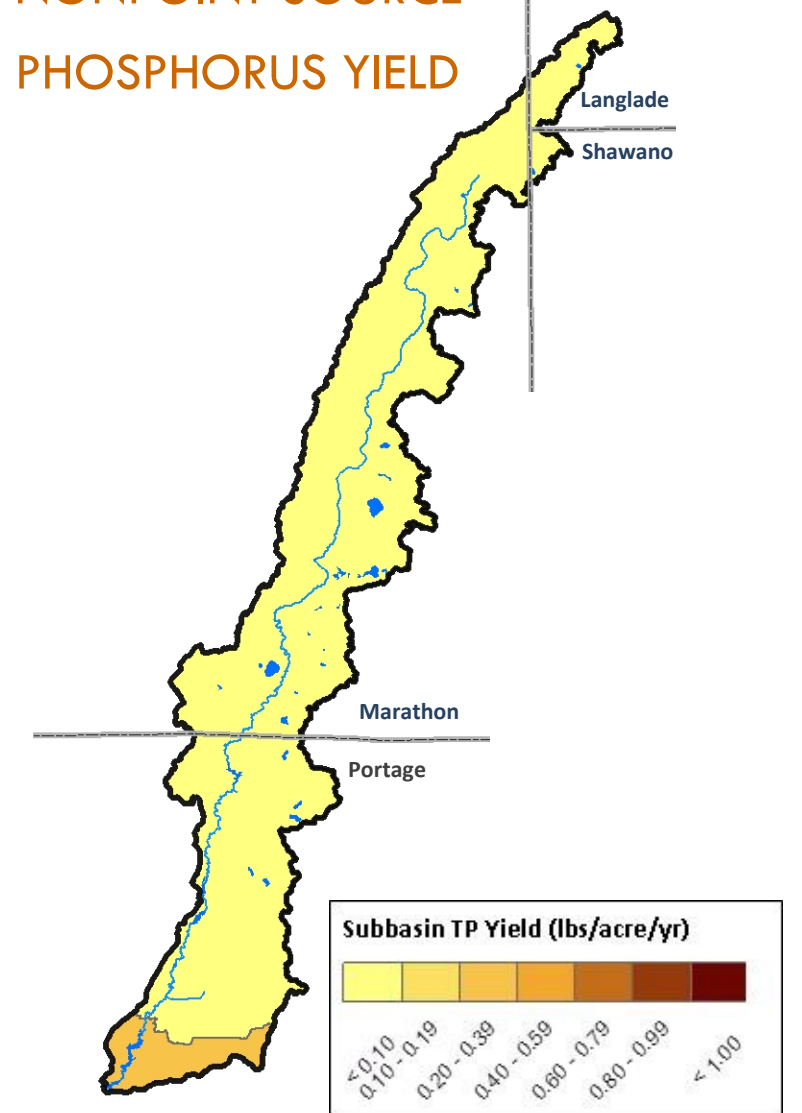
## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES



## NONPOINT SOURCE PHOSPHORUS YIELD



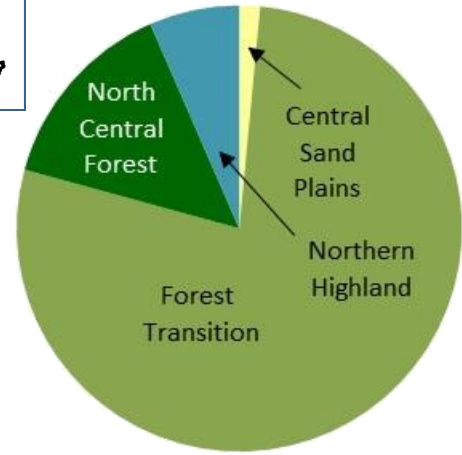
Impaired Waters			Municipal WWTFs			
Name	TP Standard (ug/L)	Subbasin/Reach ID	Permittee	Permit No.	No. Outfalls	Map ID
Lost Lake	20	149	Whiting	0021636	1	P-1
Permitted MS4s						
<i>(Covered by WPDES Gen. Permit WI-S050075-2)</i>						
Permittee	Permit ID No.	Map ID				
City of Stevens Point	0031432	P-2				
CAFOs						
Permittee	Permit No.	Map ID				
Fischer Clark Dairy	0065625	P-3				



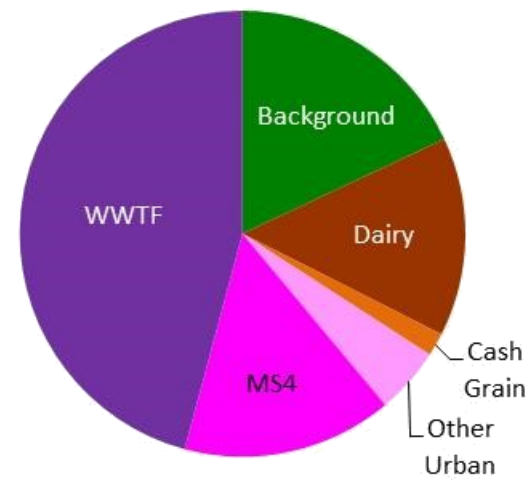
Ave. Annual Phosphorus Load = 65.3 tons | Lincoln, Marathon, and Portage County | 539.0 square miles



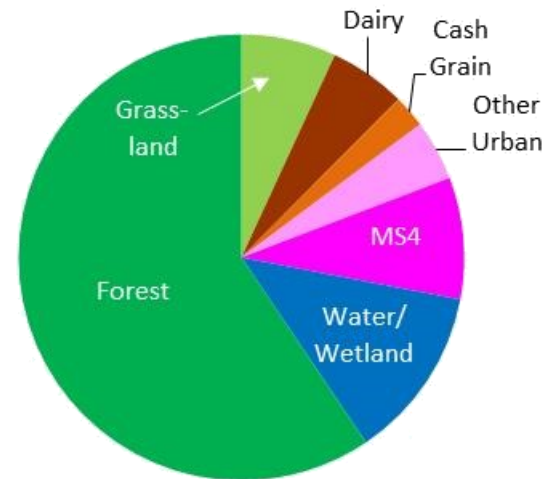
Ecological



Sources of Phosphorus

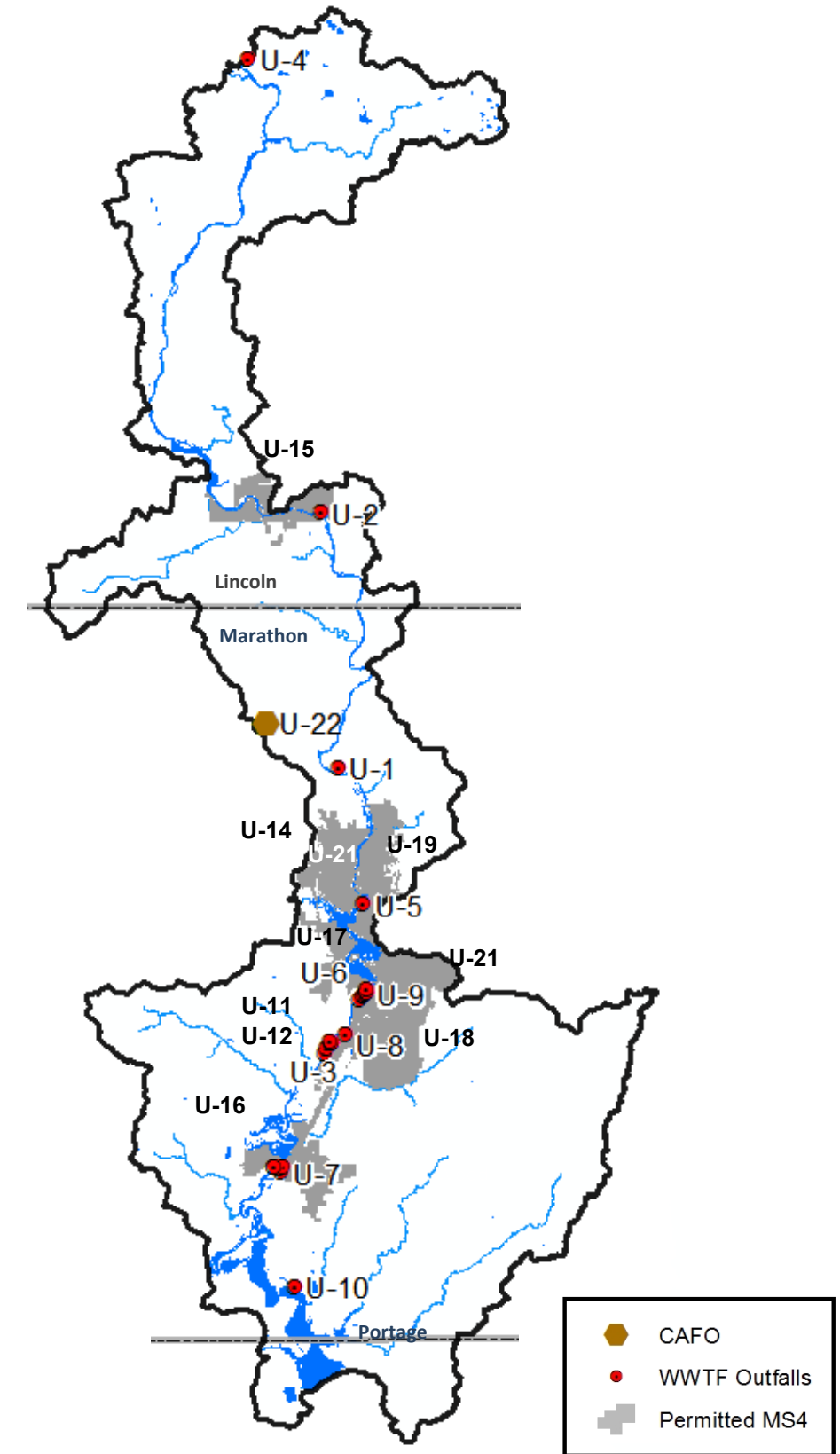


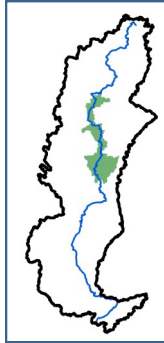
Land Use



Impaired Waters							
Name	TP Standard (ug/L)			Subbasin/Reach ID			
Big Eau Pleine River	75			86			
Little Eau Pleine River	75			81			
Lake DuBay	100			81			
Municipal WWTFs				Industrial WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID	Permittee	Permit No.	No. Outfalls	Map ID
Brokaw	0022136	1	U-1	Domtar Paper Inc.	0026042	5	U-6
Merrill	0020150	1	U-2	Expera Specialty Solutions LLC	0003671	5	U-7
Rib Mountain	0035581	1	U-3	Foremost Farms USA Rothschild	0003875	1	U-8
Tomahawk	0021946	1	U-4	Lignotech USA Inc	0003450	2	U-9
Wausau	0025739	1	U-5	Mullins Cheese Inc	0054127	1	U-10
Permitted MS4s (Covered by WPDES Gen. Permit WI-S050075-2)							
Permittee	Permit No.	Map ID					
Kronenwetter, Village	0031046	U-14					
Merrill, City of	0031427	U-15					
Mosinee, City of	0031050	U-16					
Rib Mountain, Town	0031053	U-17					
Rothschild, Village	0031055	U-18					
Schofield, City of	0031056	U-19					
Wausau, City of	0031058	U-20					
Weston, Village	0031060	U-21					
CAFOs							
Permittee	Permit No.	Map ID					
Van Der Geest Dairy Cattle, Inc.	0059293	U-22					

PHOSPHORUS POINT SOURCES



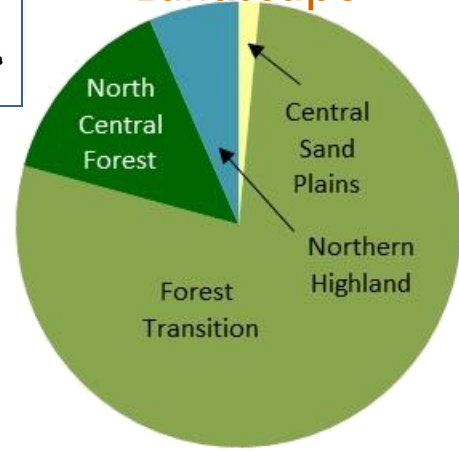


Ave. Annual Phosphorus Load = 65.3 tons | Lincoln, Marathon, and Portage County | 539.0 square miles

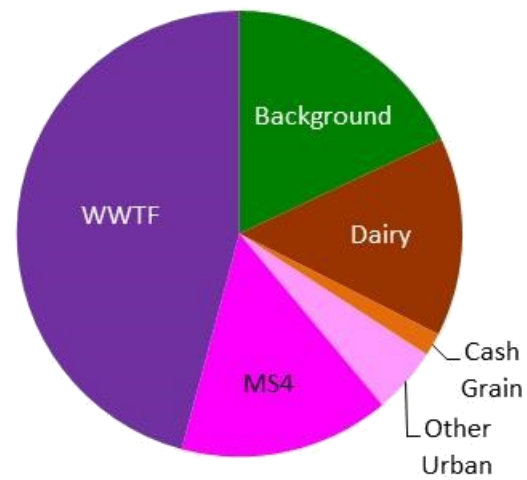
# Upper Wisconsin River Corridor

## Ecological

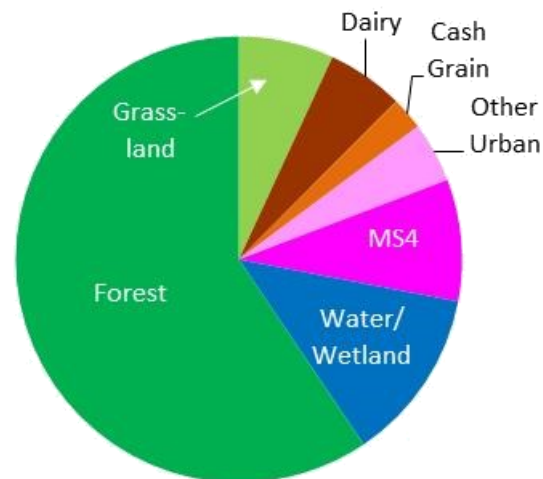
### Landscape



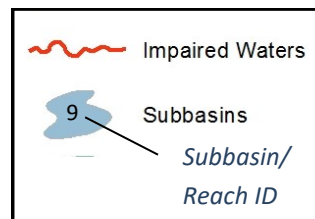
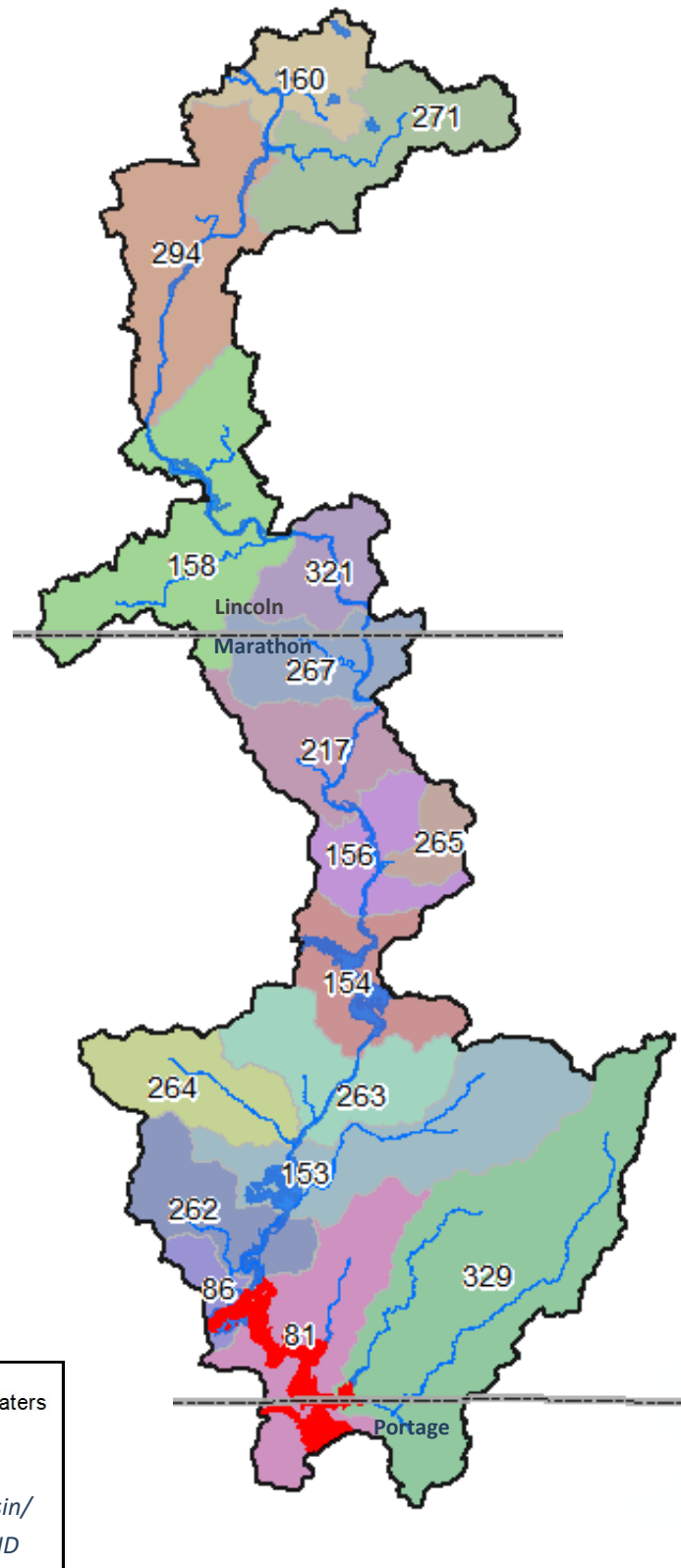
## Sources of Phosphorus



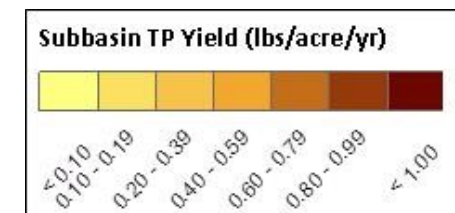
## Land Use

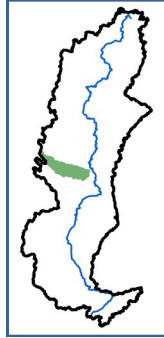


## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES

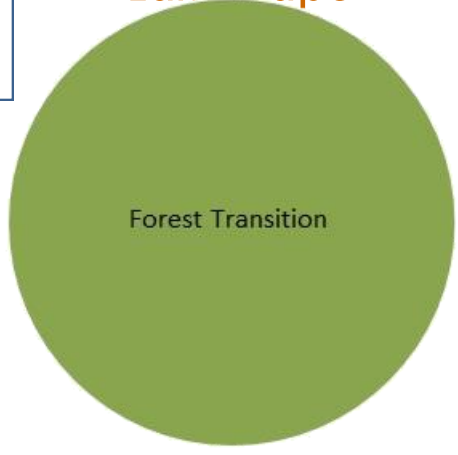




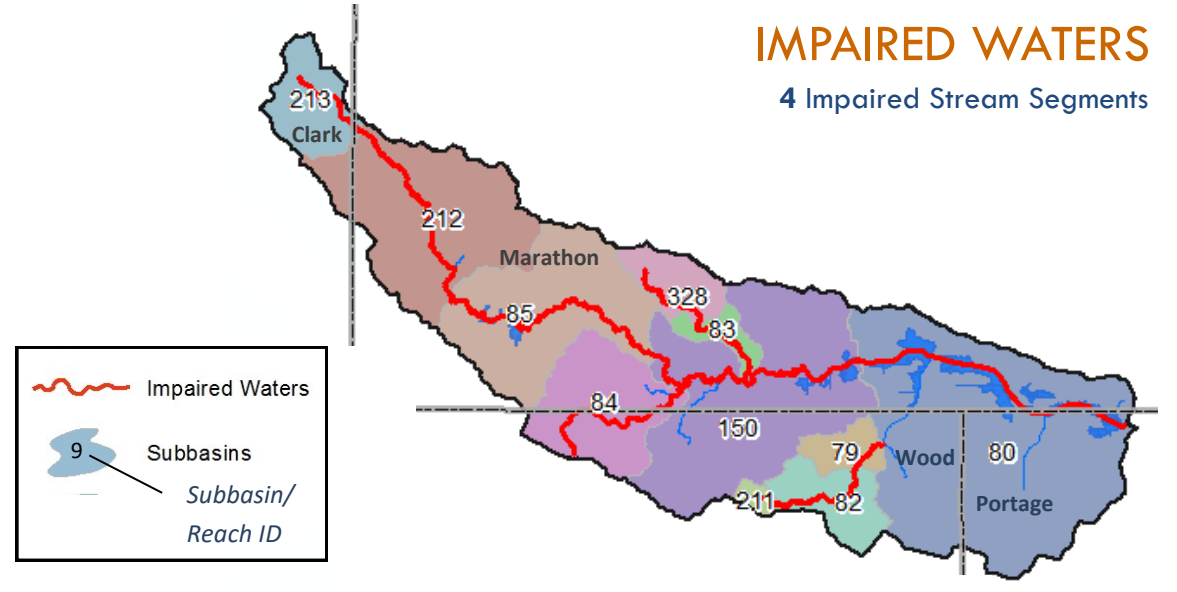
Ave. Annual Phosphorus Load = 38.3 tons | Clark, Marathon, Portage and Wood Counties | 250.0 square miles

# Little Eau Pleine River Watershed

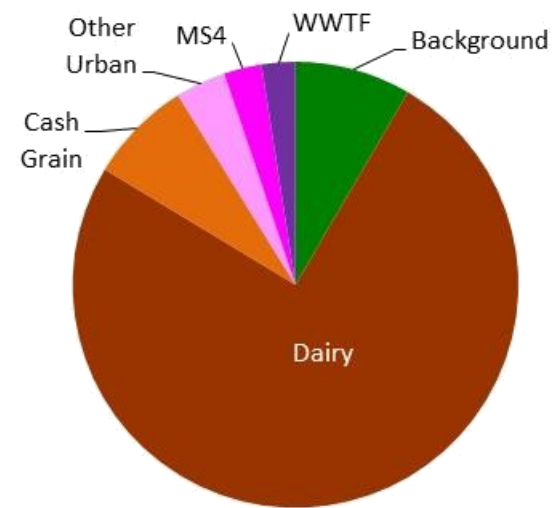
## Ecological Landscape



Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/ Reach ID
Little Bear Creek	75	79, 82, 211
Little Eau Pleine River	75	80, 85, 150, 212, 213
Squaw Creek	75	84
Wild Creek	75	83, 328

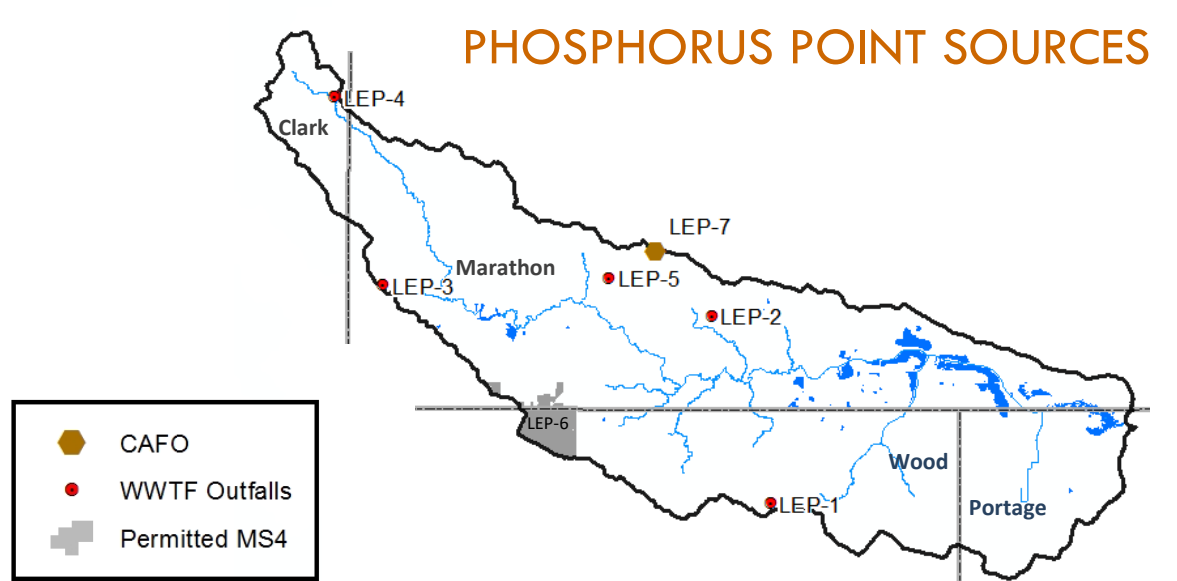


## Sources of Phosphorus



### Municipal WWTFs

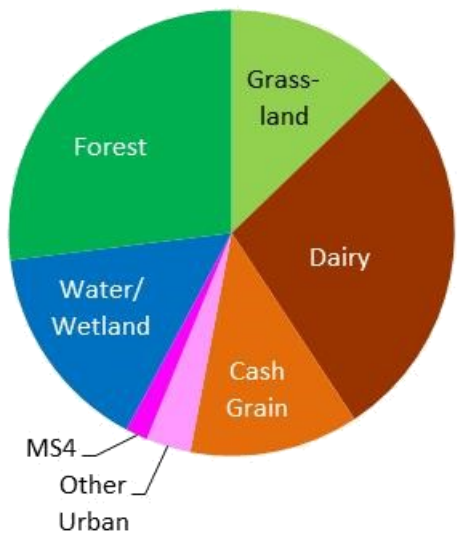
Permittee	Permit No.	No. Outfalls	Map ID
Auburndale	0022411	1	LEP-1
Rozelleville	0029076	1	LEP-2
Spencer	0021521	1	LEP-3
Unity	0060526	1	LEP-4



### Industrial WWTFs

Permittee	Permit No.	No. Outfalls	Map ID
Mullins Cheese	0053694	1	LEP-5

## Land Use



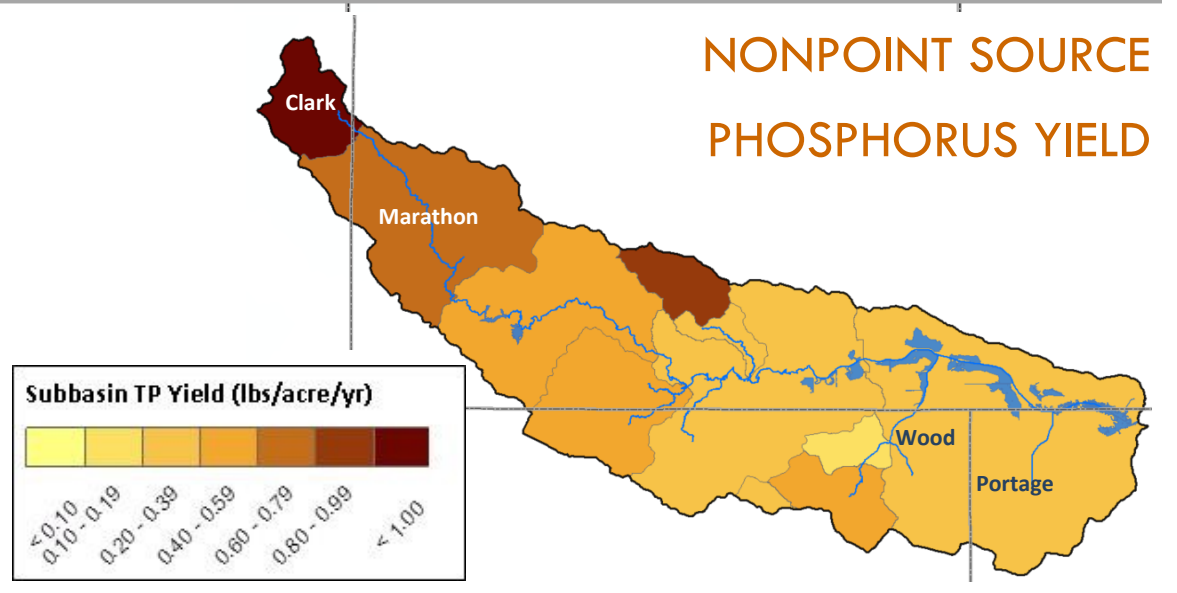
### Permitted MS4s

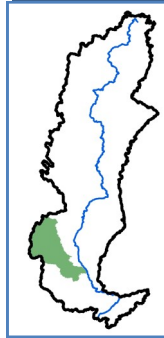
(Covered by WPDES Gen. Permit WI-S050075-2)

Permittee	Permit No.	Map ID
City of Marshfield	0031425	LEP-6

### CAFOs

Permittee	Permit No.	Map ID
Night Hawk Dairy LLC	0065609	LEP-7

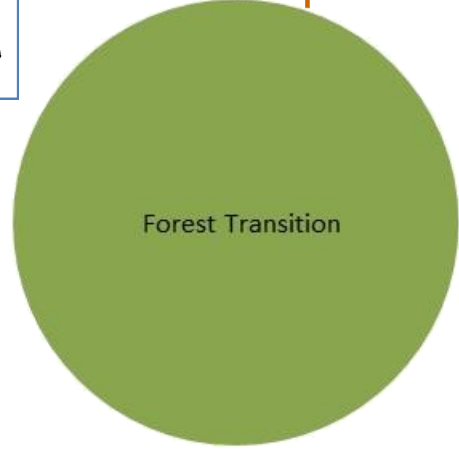




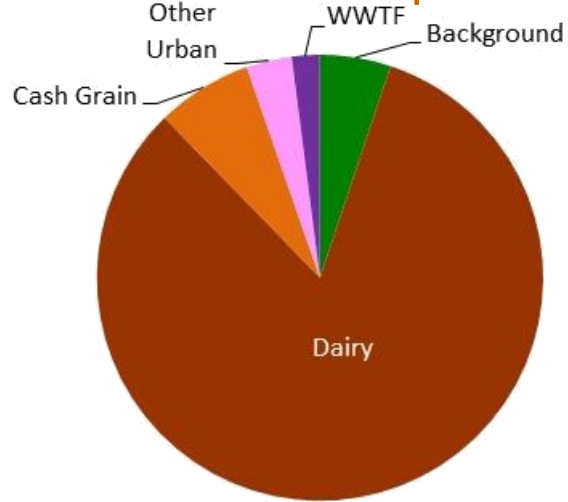
Ave. Annual Phosphorus Load = 69.8 tons | Clark, Marathon and Taylor Counties | 358.1 square miles |

# Big Eau Pleine River Watershed

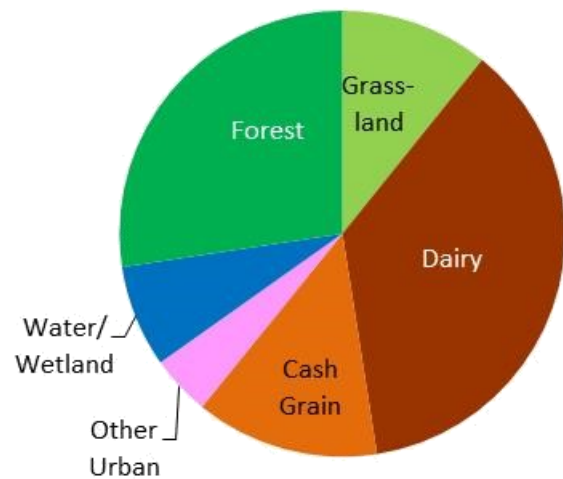
## Ecological Landscape



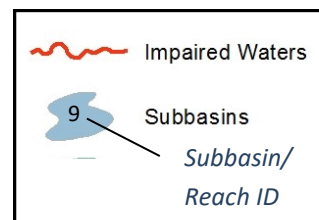
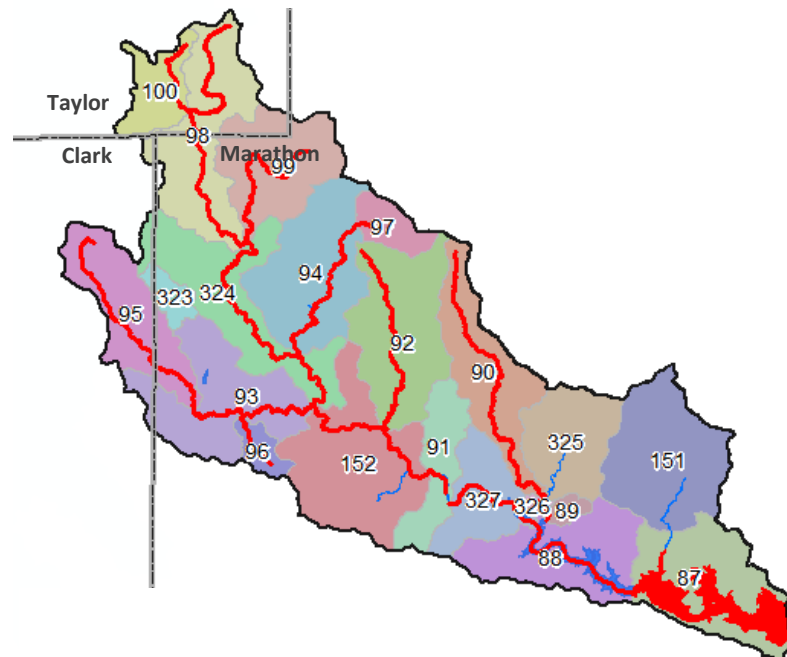
## Sources of Phosphorus



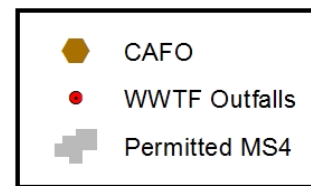
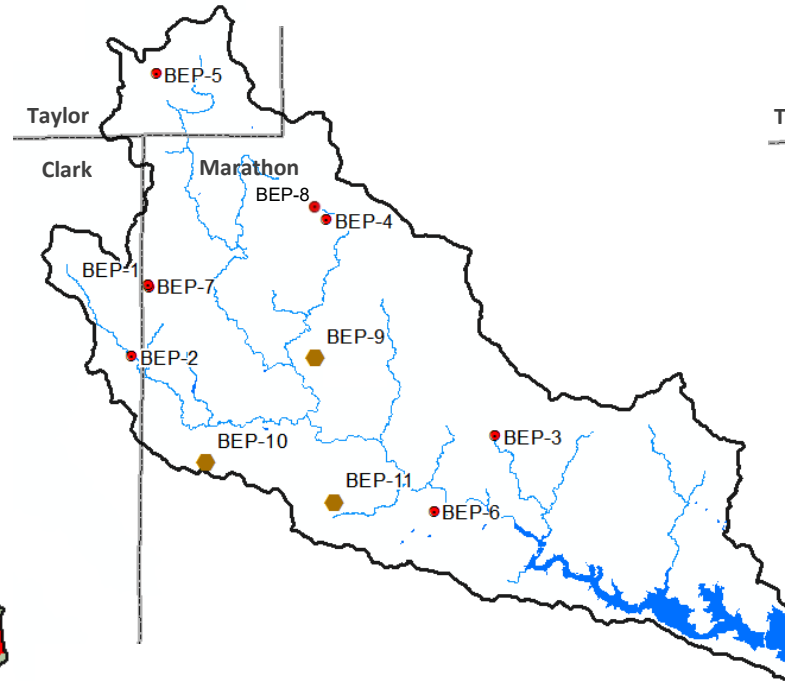
## Land Use



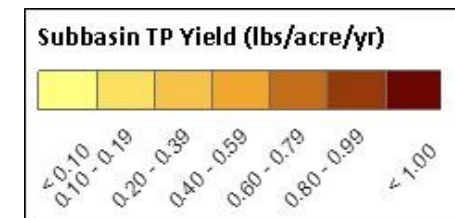
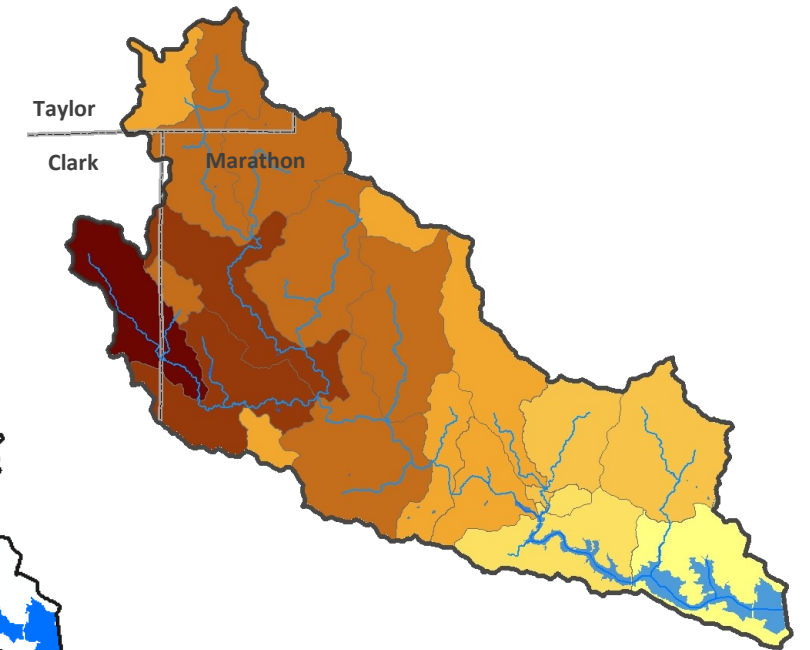
## IMPAIRED WATERS



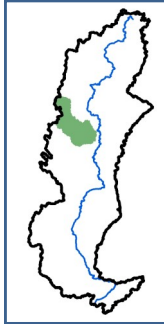
## PHOSPHORUS POINT SOURCES



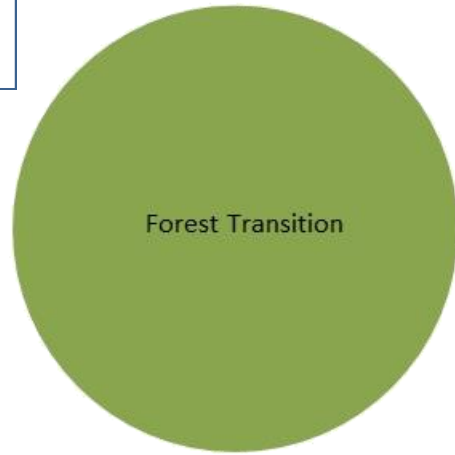
## NONPOINT SOURCE PHOSPHORUS YIELD



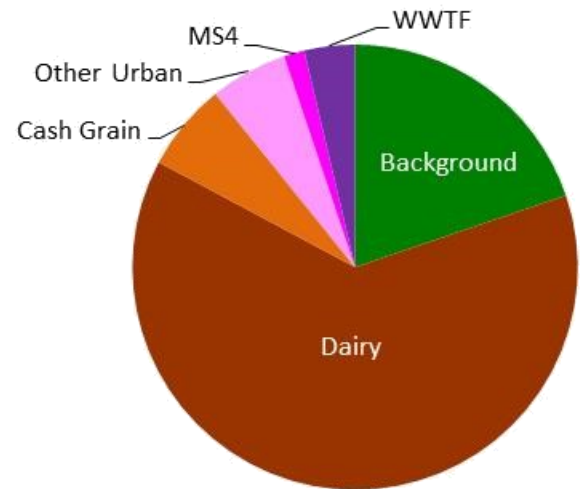
Name	TP Standard (ug/L)	Subbasin/Reach ID	Impaired Waters		Municipal WWTFs				Industrial WWTFs				
			Name	TP Standard (ug/L)	Subbasin/Reach ID	Permittee	Permit No.	No. Outfalls	Map ID	Permittee	Permit No.	No. Outfalls	Map ID
Big Eau Pleine River	75	88, 91, 152, 324, 327	Hamann Creek	75	92	Abbotsford	0023141	1	BEP-1	Abbyland Foods	0057436	1	BEP-7
Deer Creek	75	98	Raeder Creek	75	96	Colby	0023655	1	BEP-2	Foremost Farms Milan	0051815	1	BEP-8
Dill Creek	75	93, 95	Randall Creek	75	94, 97	Fenwood	0031411	1	BEP-3	CAFOs			
East Branch Big Eau Pleine River	75	99	West Br. Big Eau Pleine River	75	98, 100	Milan SD	0031500	1	BEP-4	Permittee	Permit No.	Map ID	
Fenwood Creek	75	89, 90, 326	Big Eau Pleine Flowage	30	87	Milan SD	0031500	1	BEP-4	Heeg Brothers Dairy LLC	0061841		BEP-9
						Stetsonville	0060216	1	BEP-5	Lynn Enterprises	0062413		BEP-10
						Stratford	0025569	1	BEP-6	Maple Ridge Dairy	0061832		BEP-11



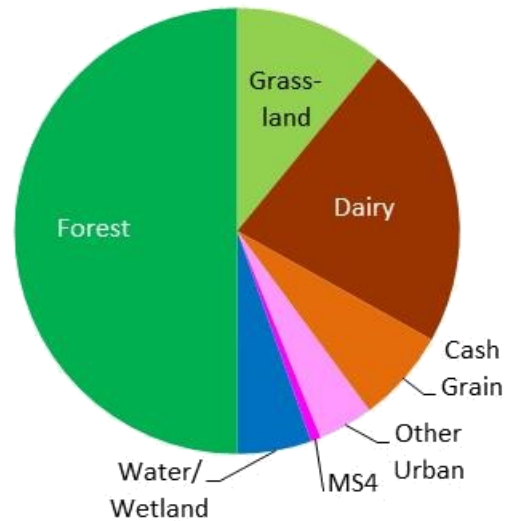
Ecological



Sources of Phosphorus

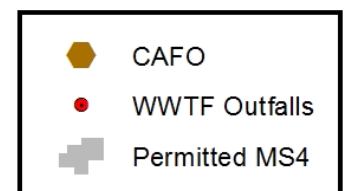
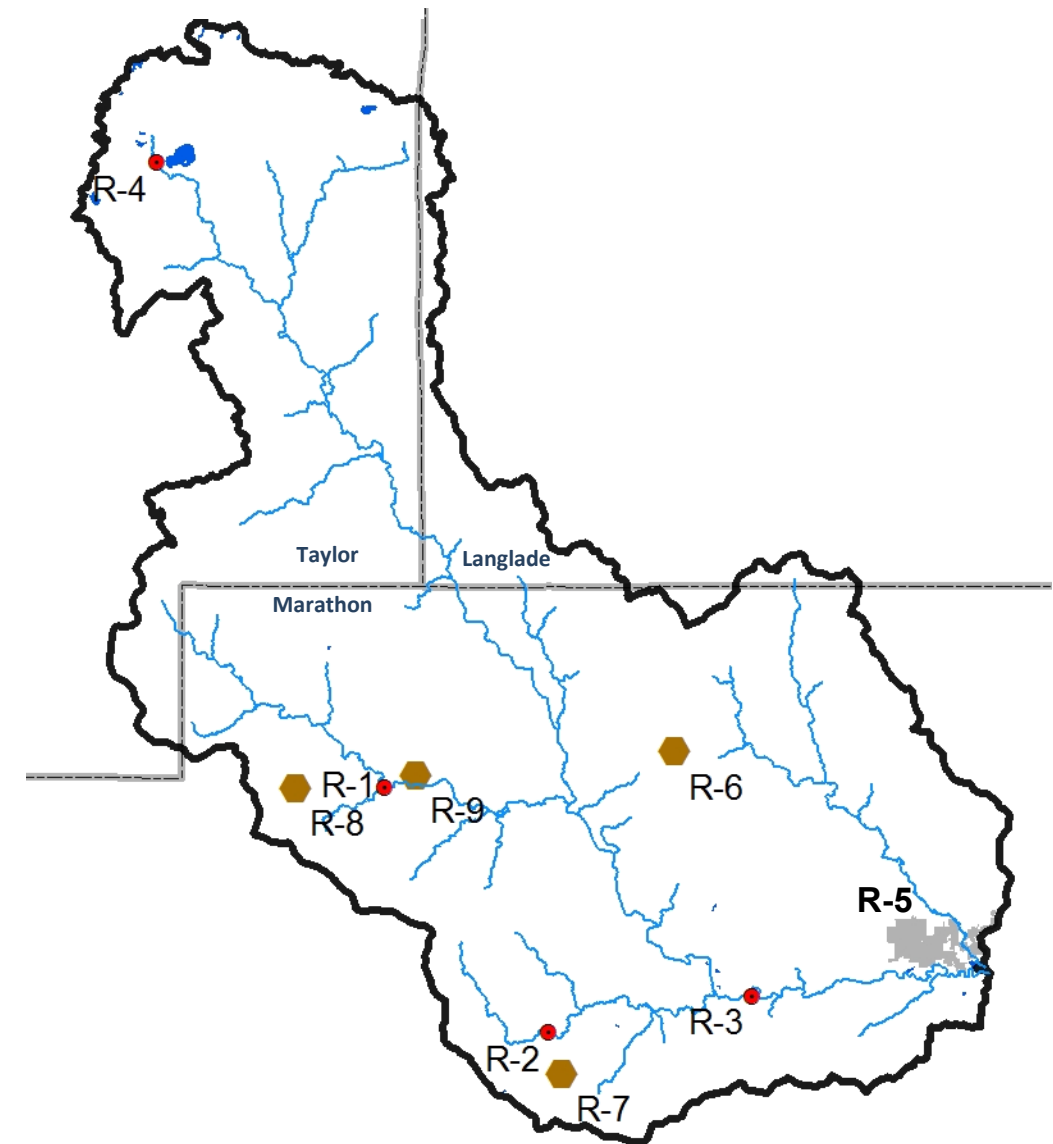


Land Use



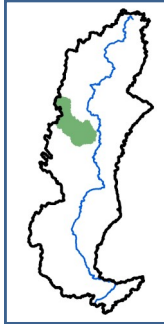
Impaired Waters			
Name	TP Standard (ug/L)	Subbasin/Reach ID	
Big Rib River	75	276	
Black Creek	75	102, 104, 215	
Mink Creek	75	276	
Scotch Creek	75	101, 105, 106	
Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Athens	0022365	1	R-1
Edgar	0021784	1	R-2
Marathon	0020273	1	R-3
Rib Lake	0029017	1	R-4
Permitted MS4s (Covered by WPDES Gen. Permit WI-S050075-2)			
Permittee	Permit ID No.	Map ID	
City of Wausau	0031058	R-5	
CAFOs			
Permittee	Permit No.	Map ID	
Double P Dairy LLC	0062031	R-6	
Kingdom Haven Dairy	0062391	R-7	
Miltrim Dairy	0061638	R-8	
Rausch Family Farms	0062405	R-9	

PHOSPHORUS POINT SOURCES

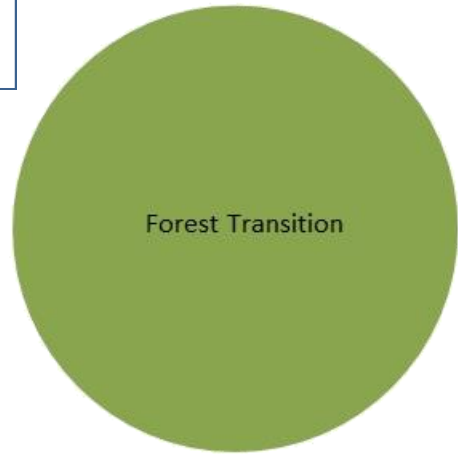


Ave. Annual Phosphorus Load = 52.2 tons | Langlade, Marathon, and Taylor Counties | 488.2 square miles |

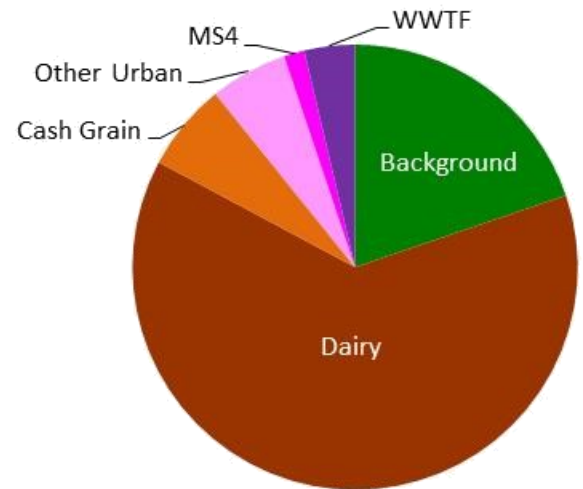
# Rib River Watershed



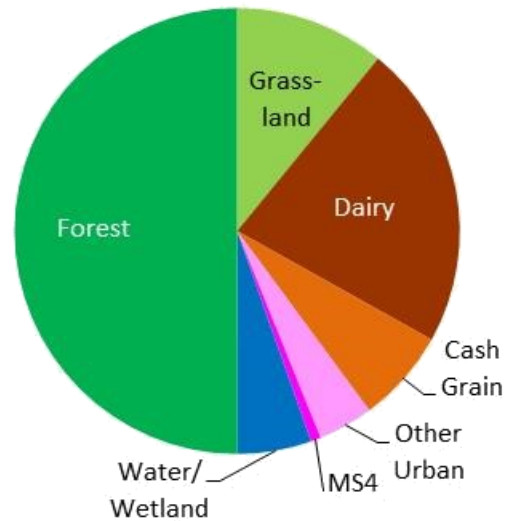
## Ecological



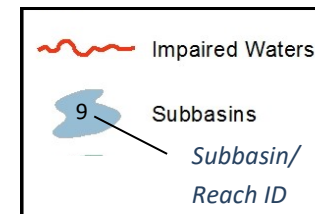
## Sources of Phosphorus



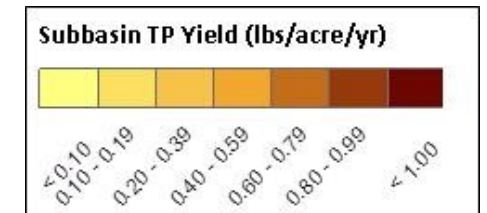
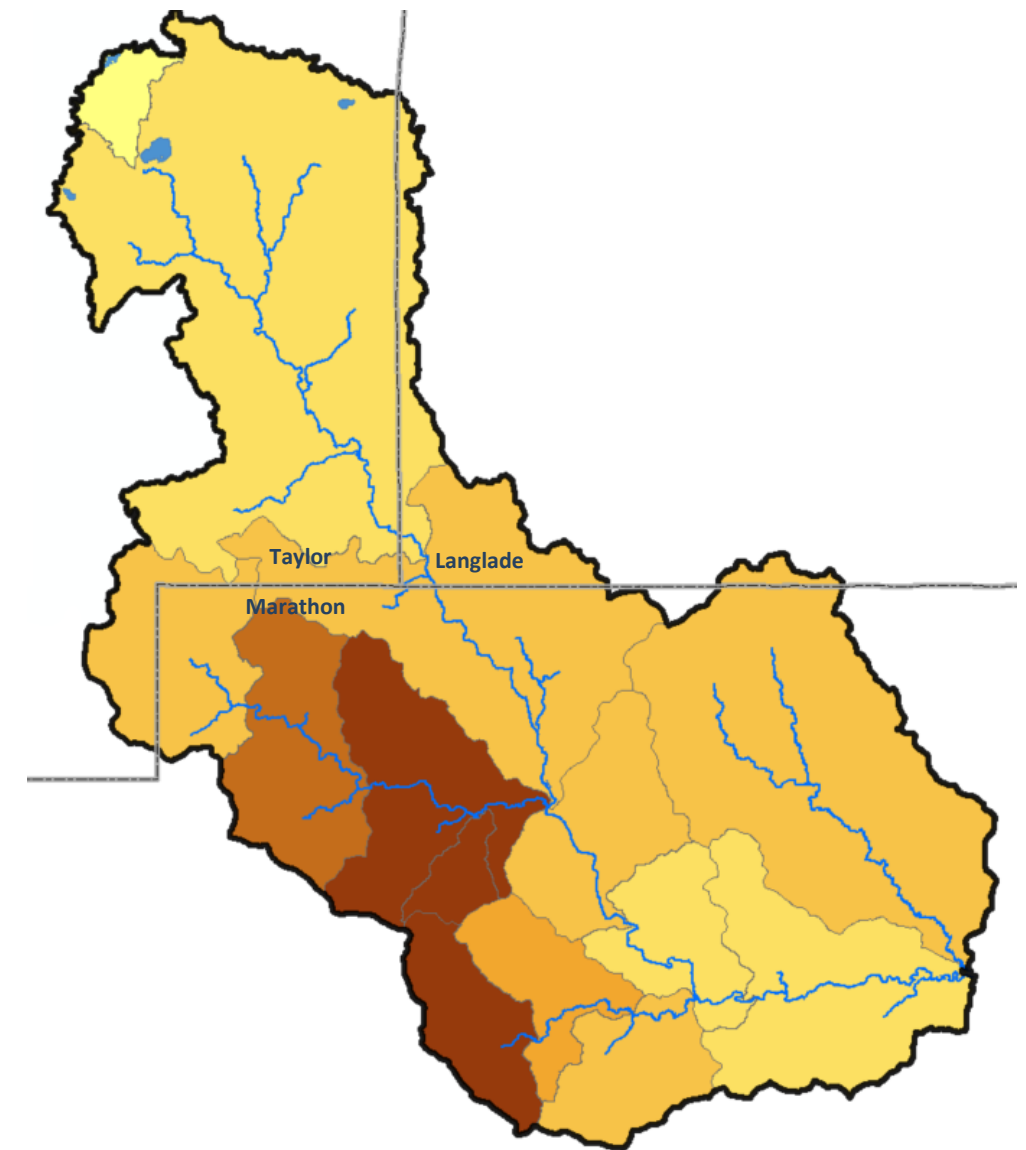
## Land Use



## IMPAIRED WATERS



## NONPOINT SOURCE PHOSPHORUS YIELD

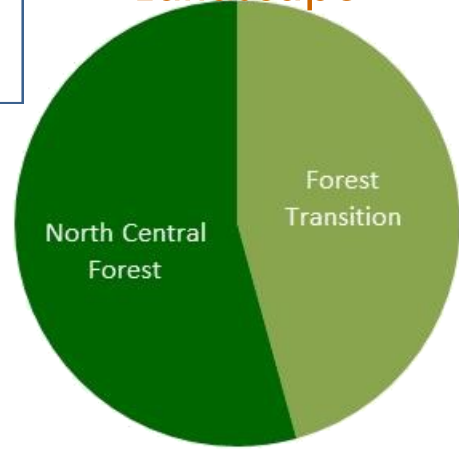




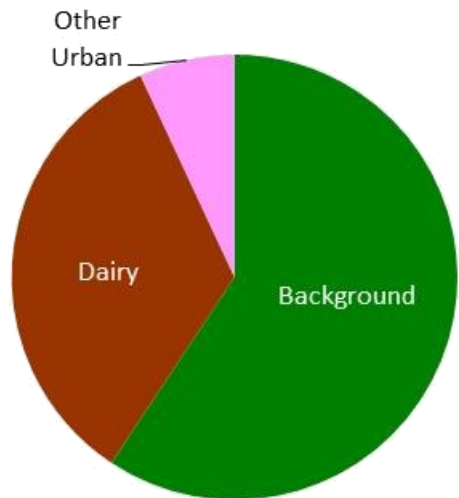
Ave. Annual Phosphorus Load = 6.7 tons | Lincoln and Marathon Counties | 97.5 square miles |

# Copper River Watershed

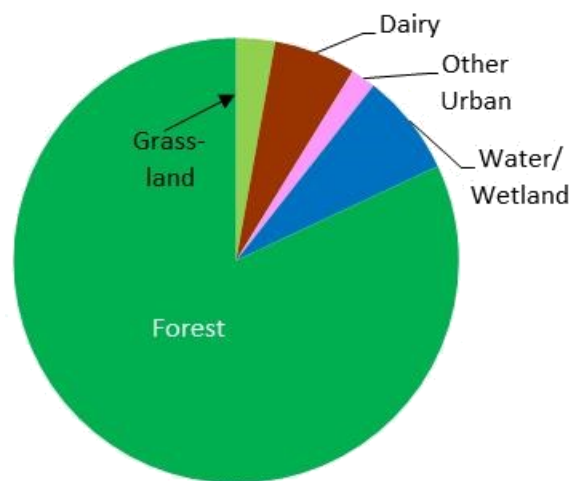
## Ecological Landscape



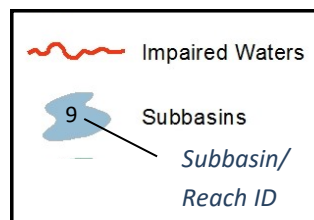
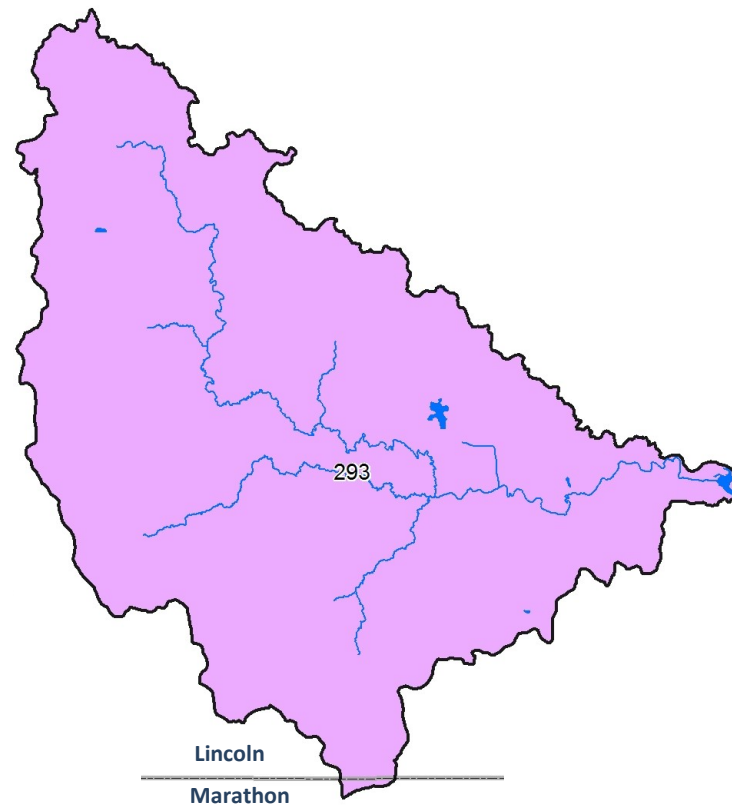
## Sources of Phosphorus



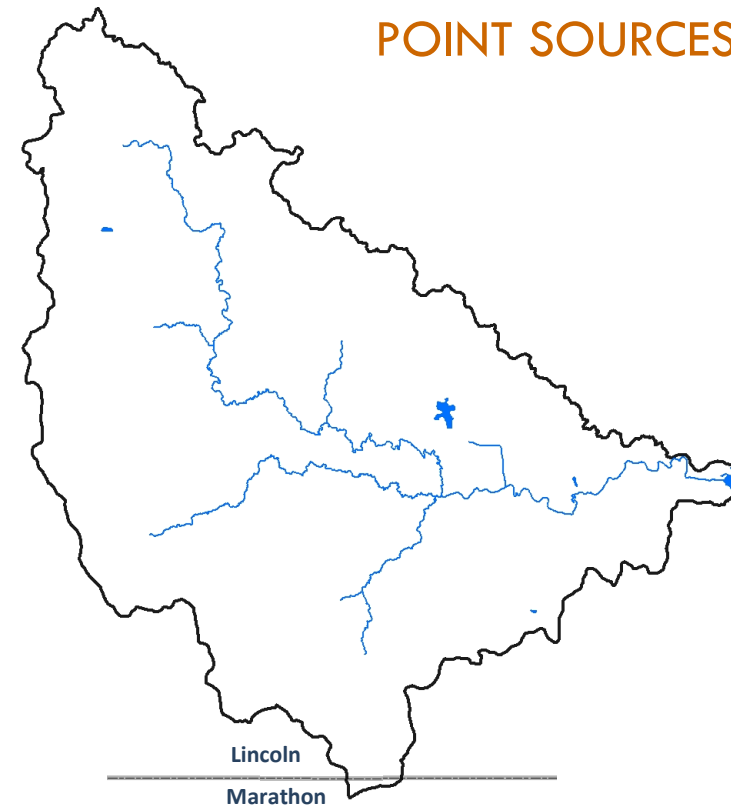
## Land Use



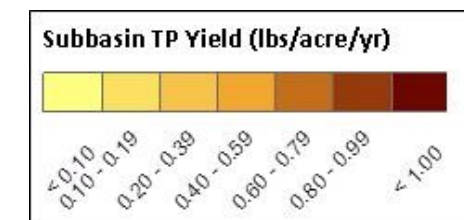
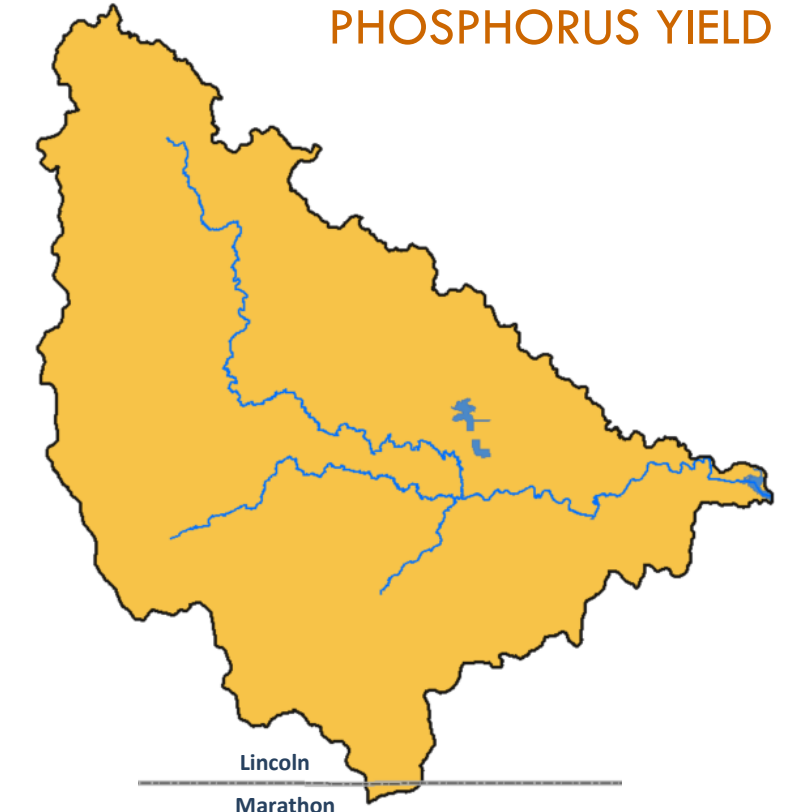
## IMPAIRED WATERS



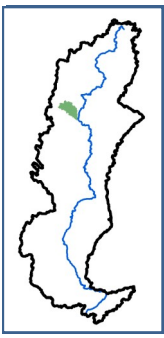
## PHOSPHORUS POINT SOURCES



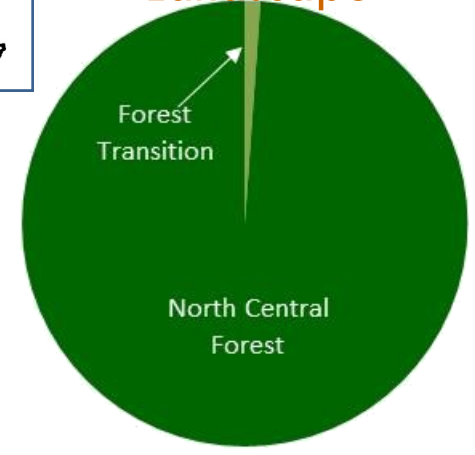
## NONPOINT SOURCE PHOSPHORUS YIELD



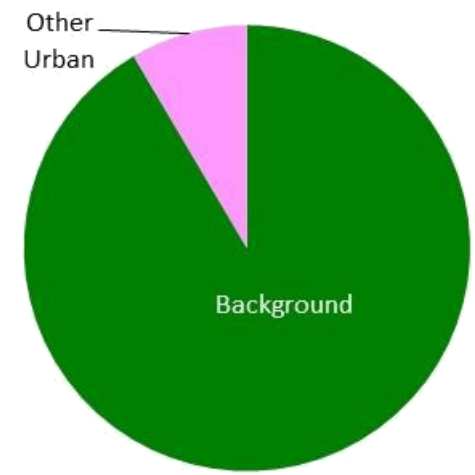
Ave. Annual Phosphorus Load = 5.6 tons | Lincoln, Price and Taylor Counties | 89.7 square miles |



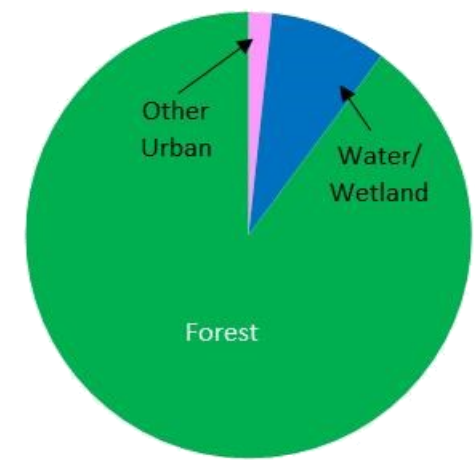
## Ecological Landscape



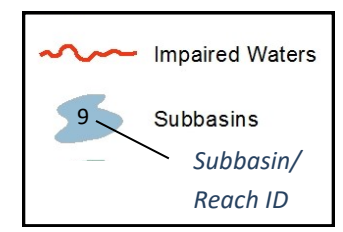
## Sources of Phosphorus



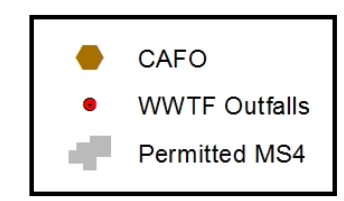
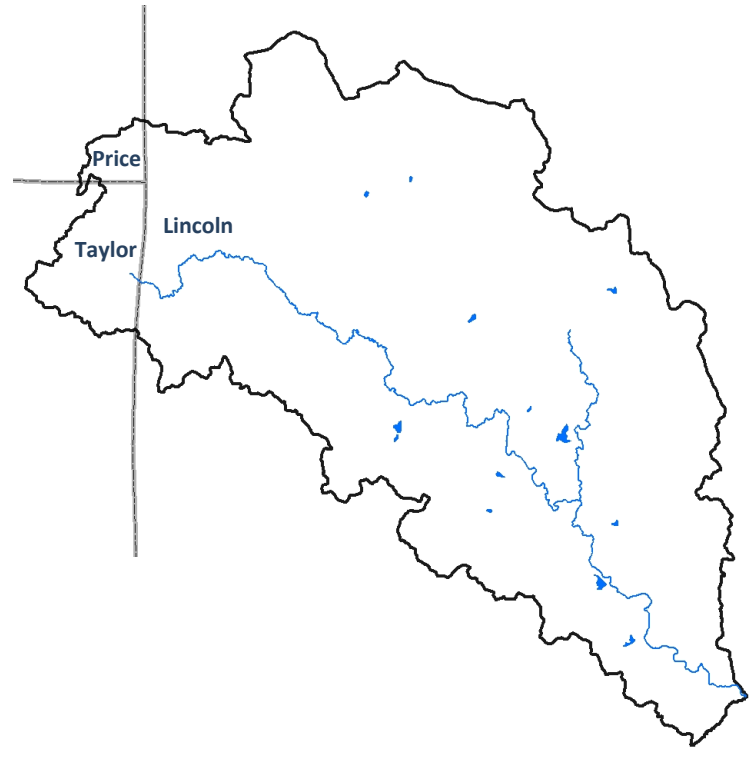
## Land Use



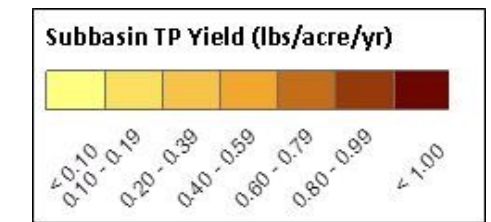
## IMPAIRED WATERS



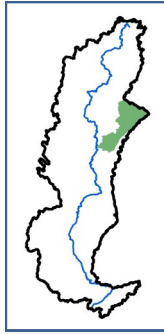
## PHOSPHORUS POINT SOURCES



## NONPOINT SOURCE PHOSPHORUS YIELD



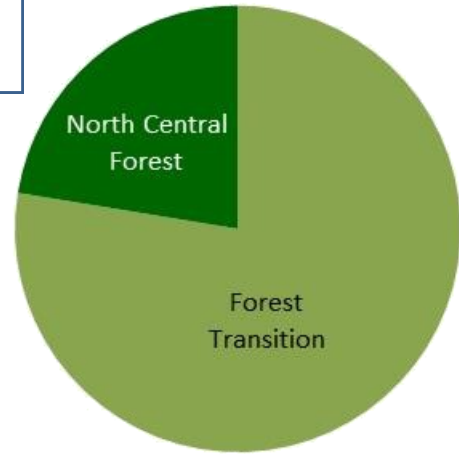




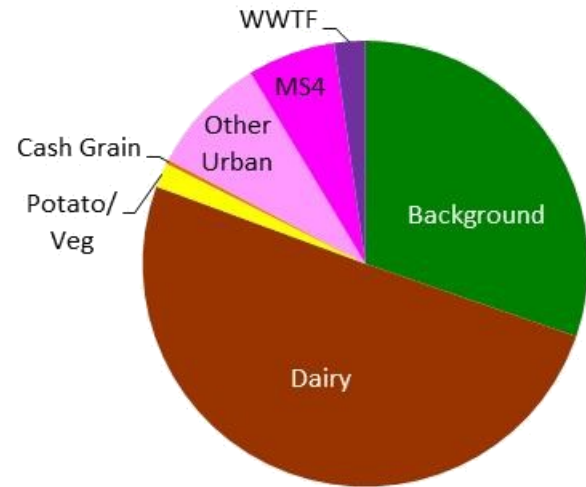
Ave. Annual Phosphorus Load = 25.4 tons | Langlade and Marathon Counties | 455.2 square miles |

# Eau Claire River Watershed

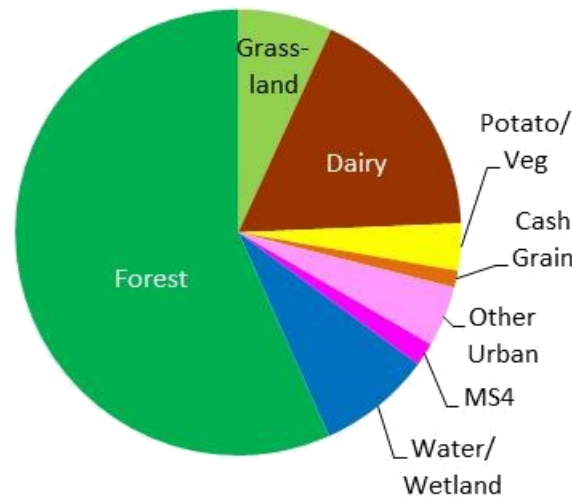
## Ecological



## Sources of Phosphorus



## Land Use



Impaired Waters			
Name	TP Standard (ug/L)	Subbasin/Reach ID	
Spring Brook Creek	75	107, 216	
West Branch Eau Claire River	75	108	

Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Antigo	0022144	1	EC-1

Industrial WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Sartori Company	0032794	1	EC-2

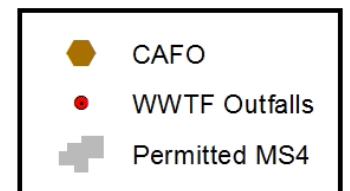
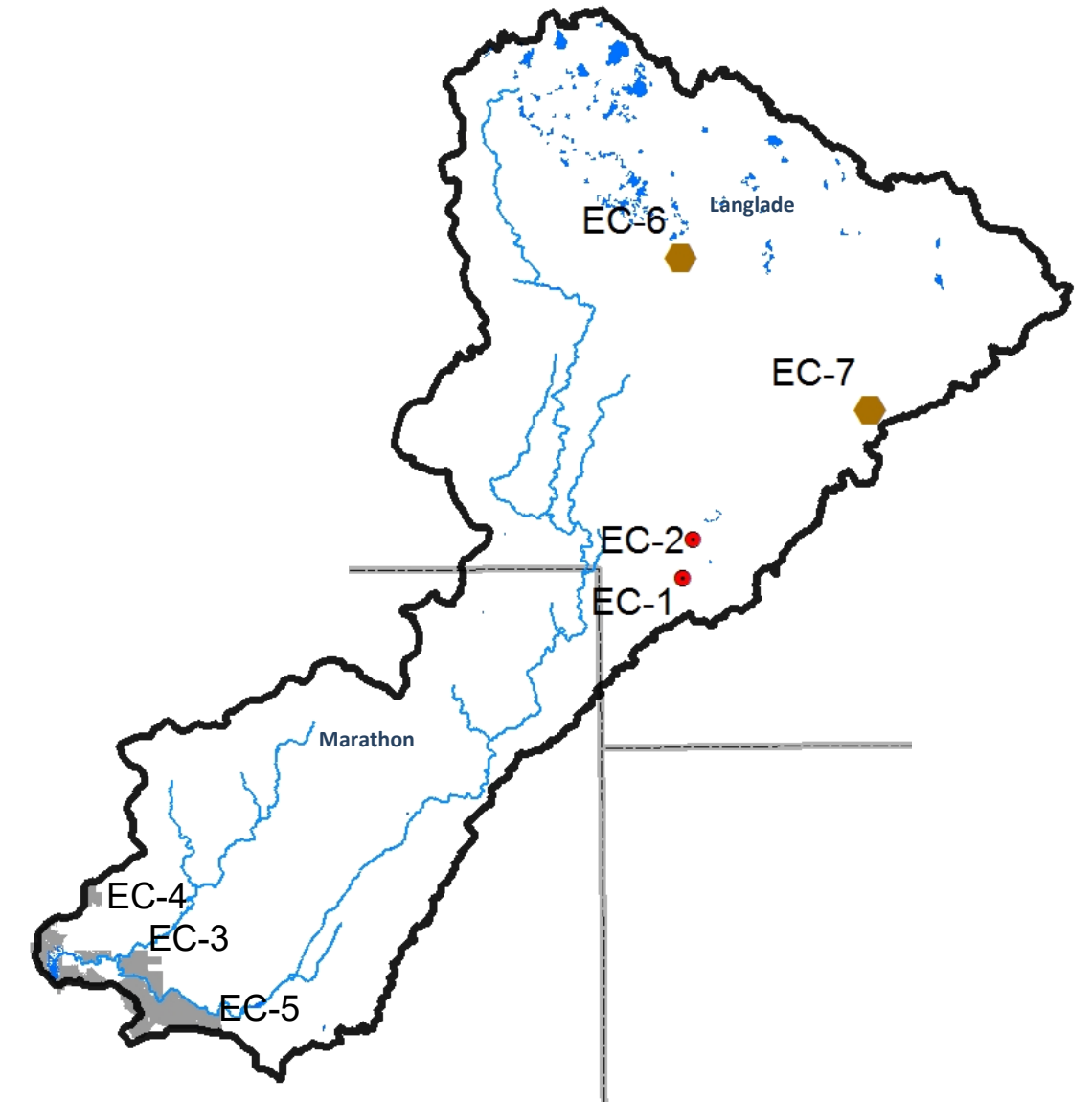
  

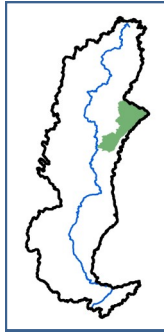
Permitted MS4s (Covered by WPDES Gen. Permit WI-S050075-2)			
Permittee	Permit ID No.	Map ID	
City of Schofield	0031056	EC-3	
City of Wausau	0031058	EC-4	
City of Weston	0031060	EC-5	

CAFOs			
Permittee	Permit No.	Map ID	
Nagel Dairy Farm LLC	0063819	EC-6	
Spring Breeze Dairy LLC	0066281	EC-7	

## PHOSPHORUS POINT SOURCES

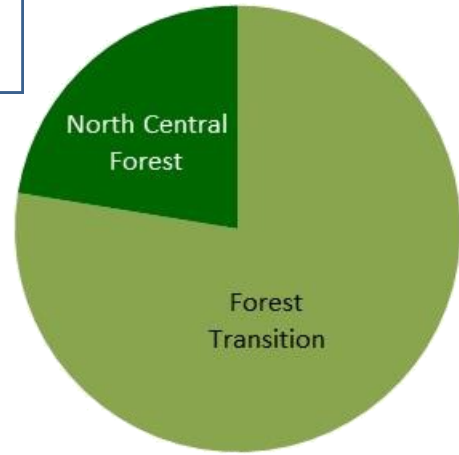




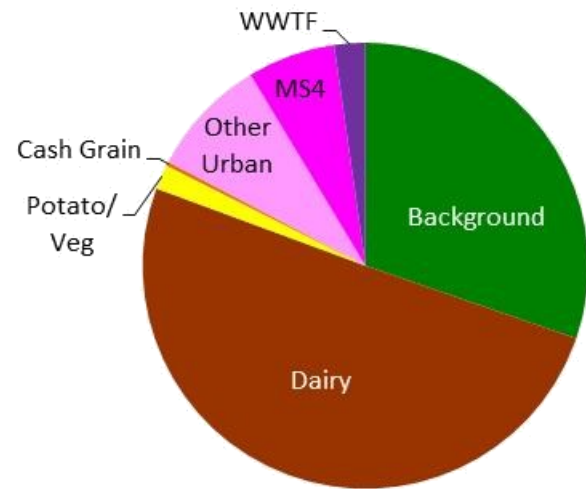
Ave. Annual Phosphorus Load = 25.4 tons | Langlade and Marathon Counties | 455.2 square miles |

# Eau Claire River Watershed

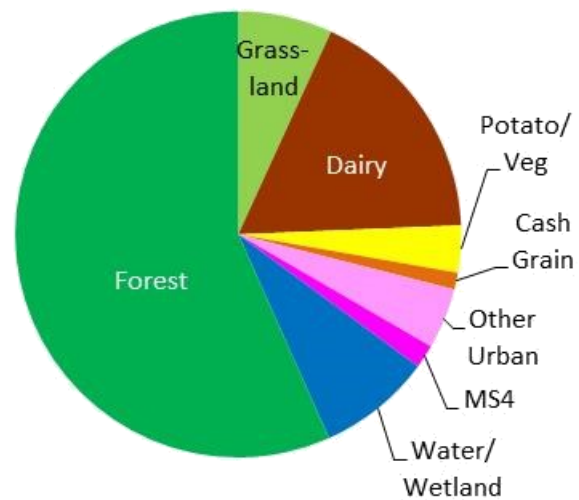
## Ecological



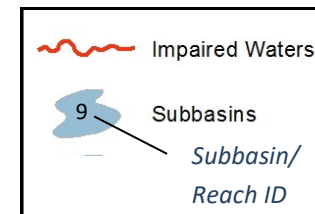
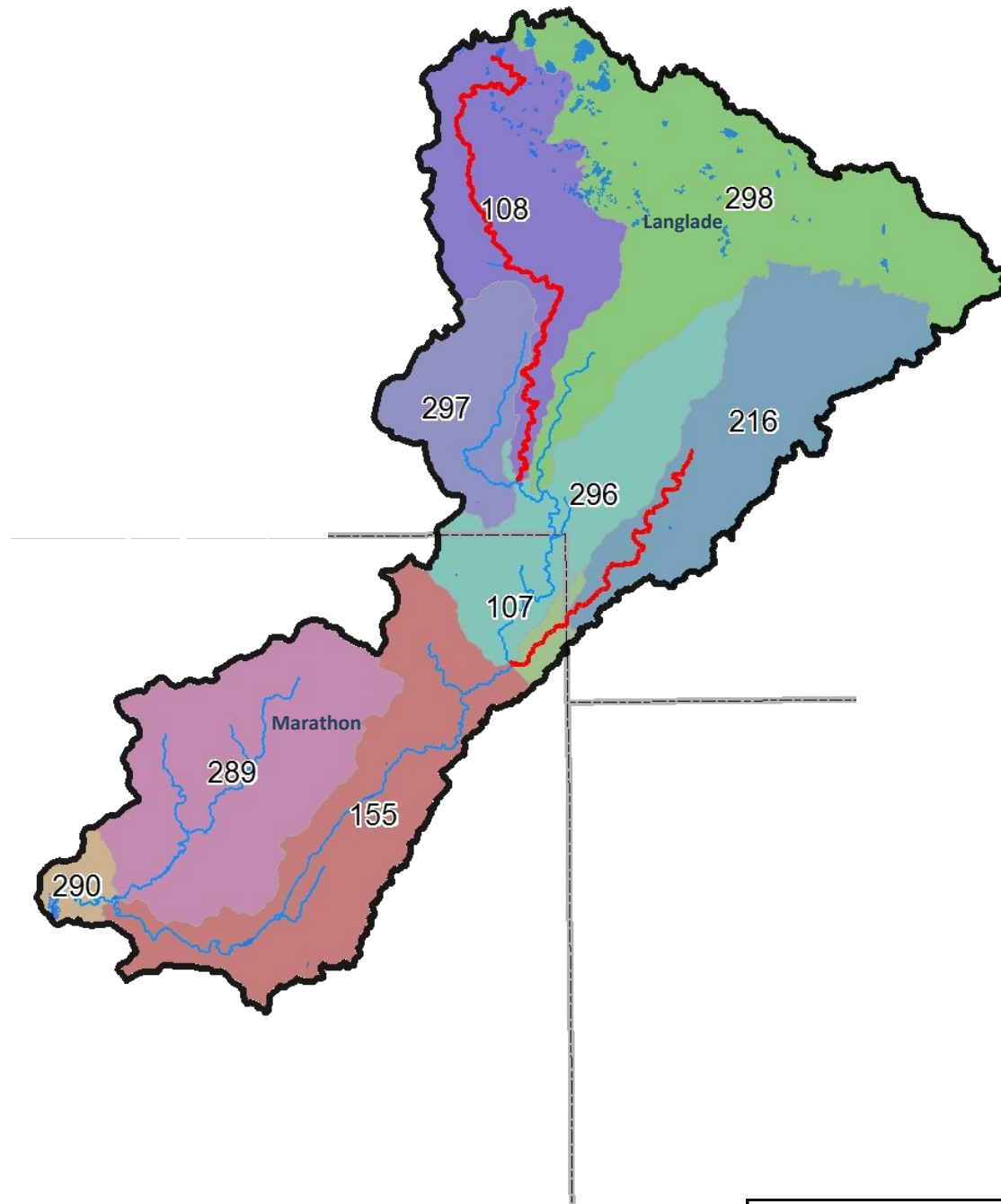
## Sources of Phosphorus



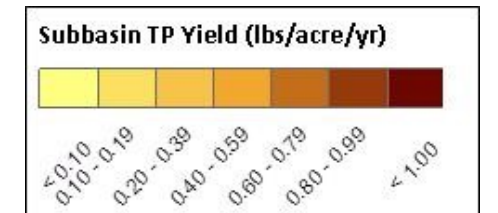
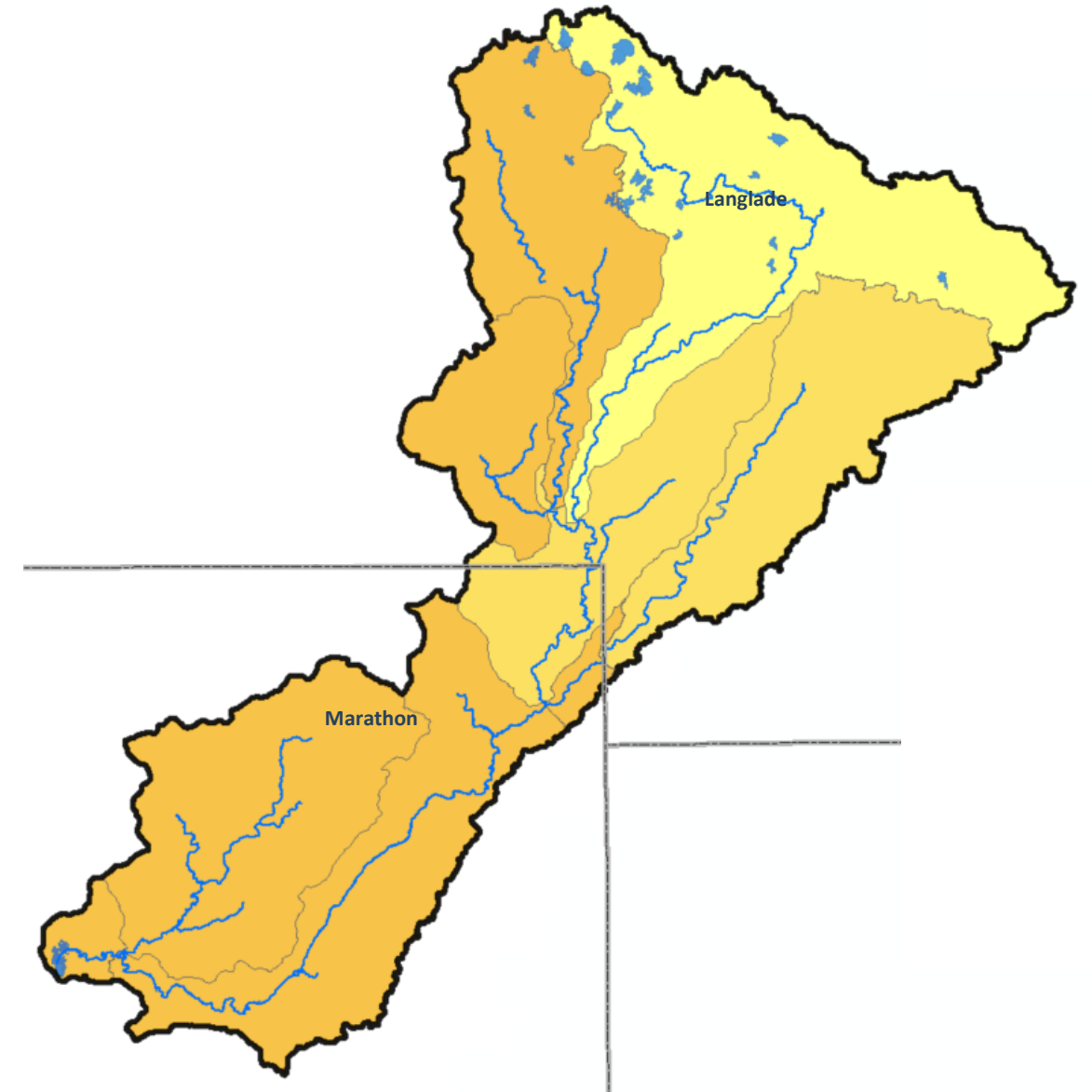
## Land Use

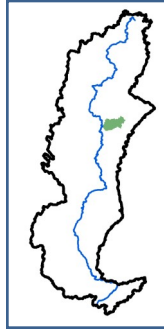


## IMPAIRED WATERS



## NONPOINT SOURCE PHOSPHORUS YIELD

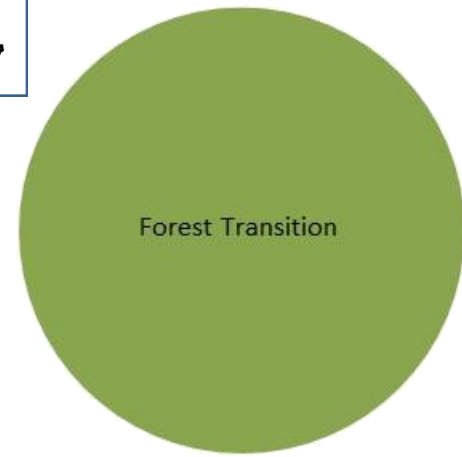




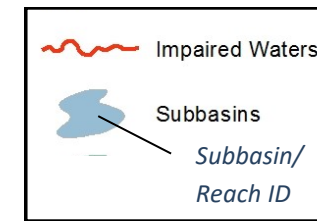
Ave. Annual Phosphorus Load = 7.6 tons | Langlade, Lincoln and Marathon Counties | 90.3 square miles |

# Trappe River Watershed

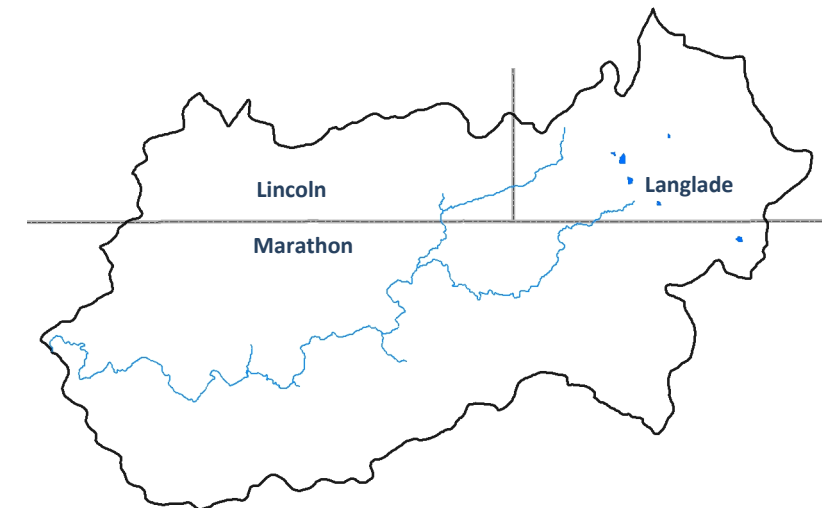
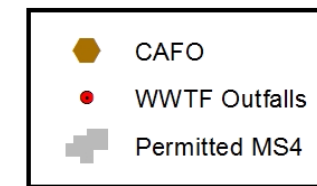
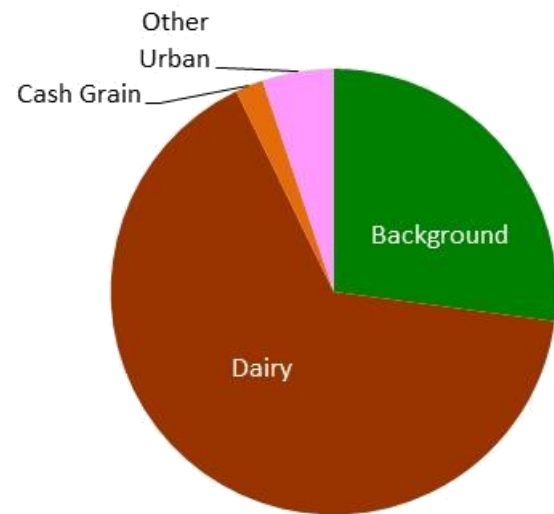
## Ecological



## IMPAIRED WATERS

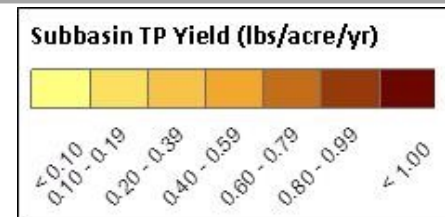
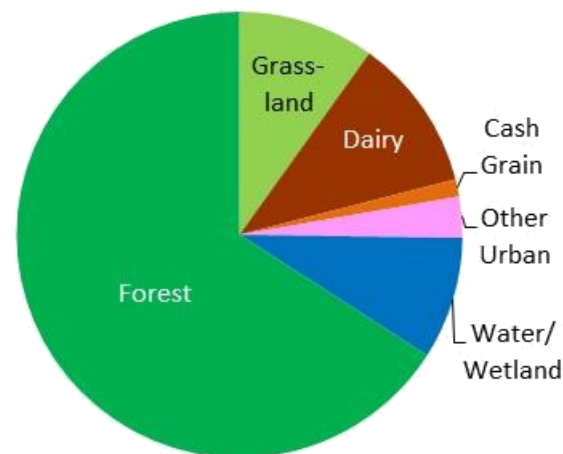


## Sources of Phosphorus



## PHOSPHORUS POINT SOURCES

## Land Use



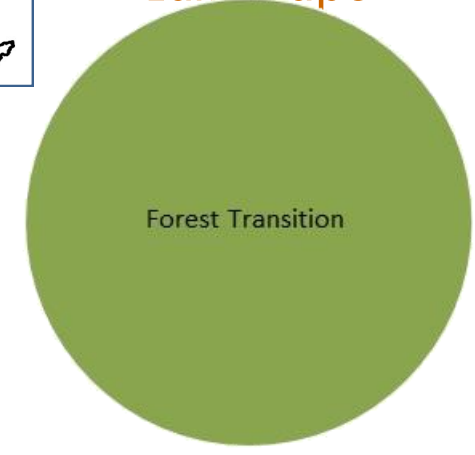
## NONPOINT SOURCE PHOSPHORUS YIELD

Ave. Annual Phosphorus Load = 6.0 tons | Langlade and Lincoln Counties | 121.4 square miles

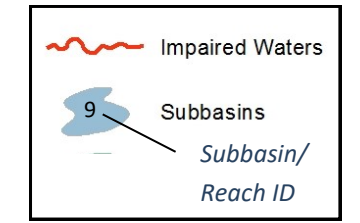
# Pine River Watershed



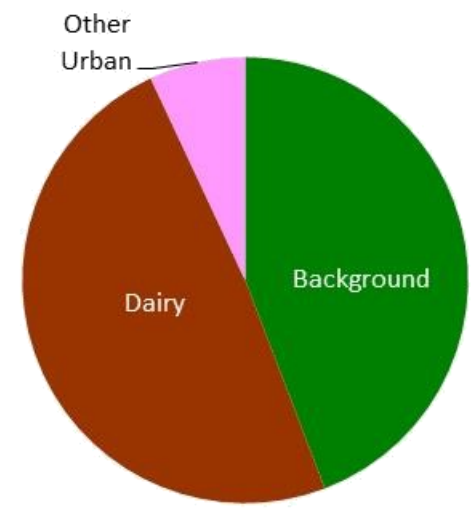
## Ecological Landscape



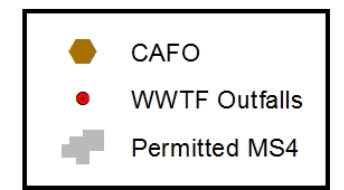
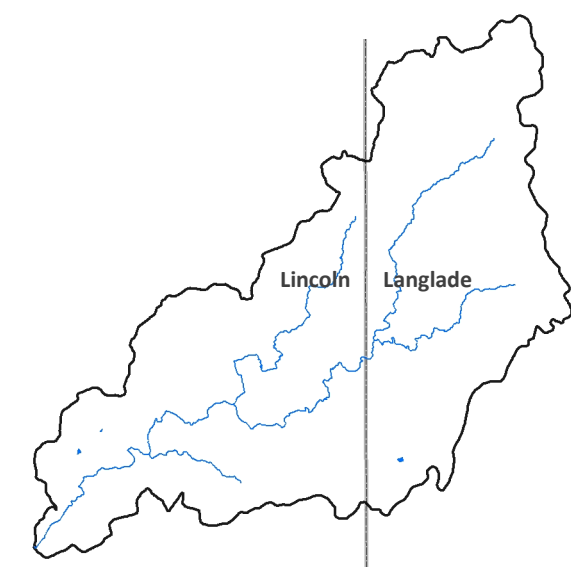
## IMPAIRED WATERS



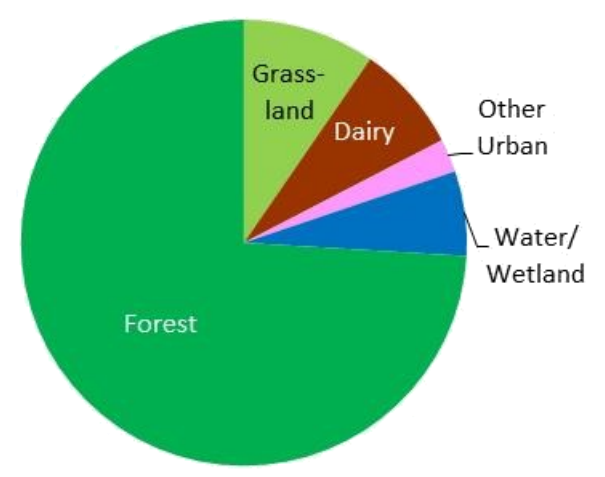
## Sources of Phosphorus



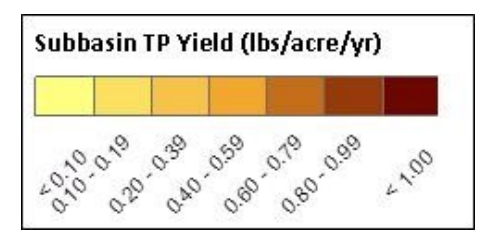
## PHOSPHORUS POINT SOURCES



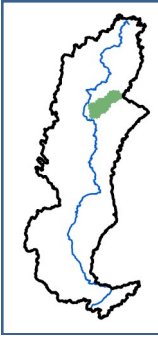
## Land Use



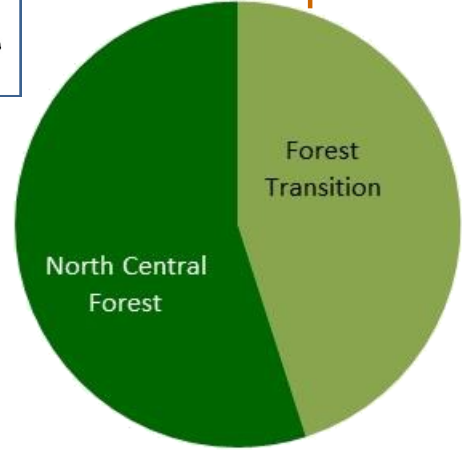
## NONPOINT SOURCE PHOSPHORUS YIELD



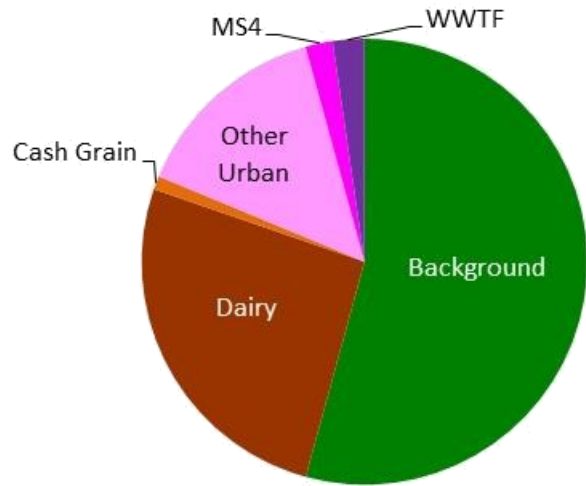
Ave. Annual Phosphorus Load = 12.9 tons | Langlade, Lincoln, and Oneida Counties | 230.4 square miles |



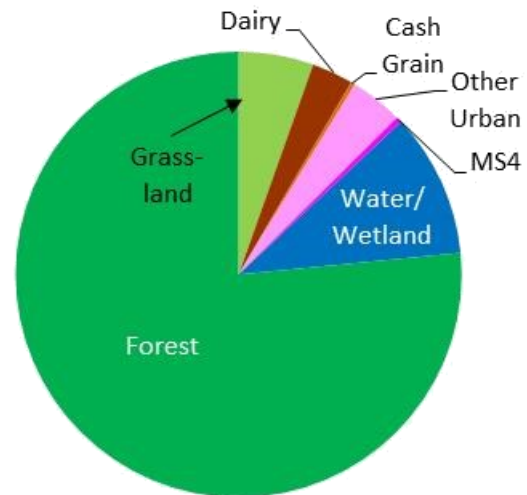
Ecological Landscape



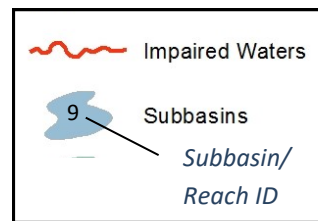
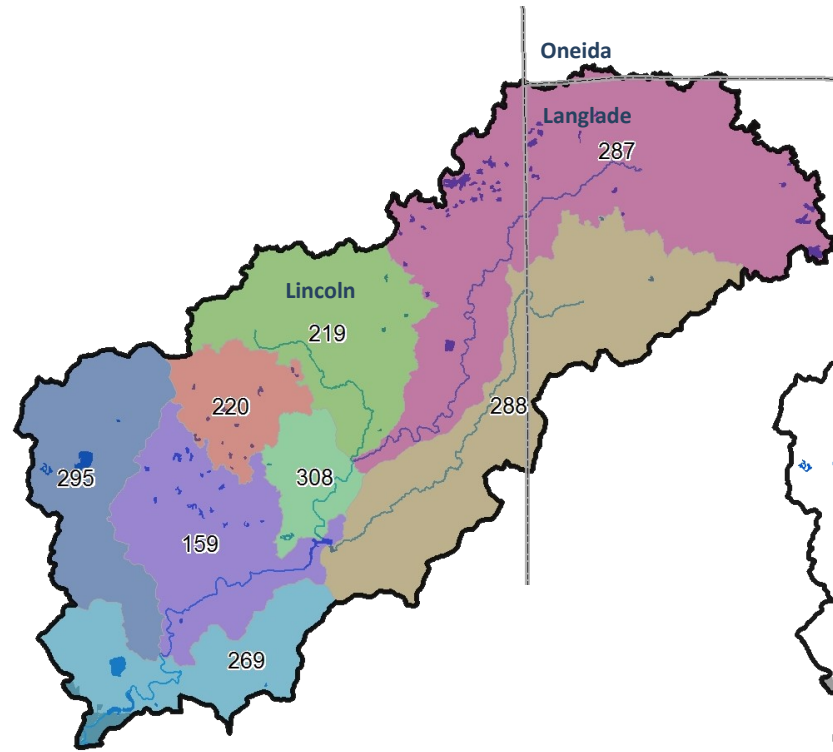
Sources of Phosphorus



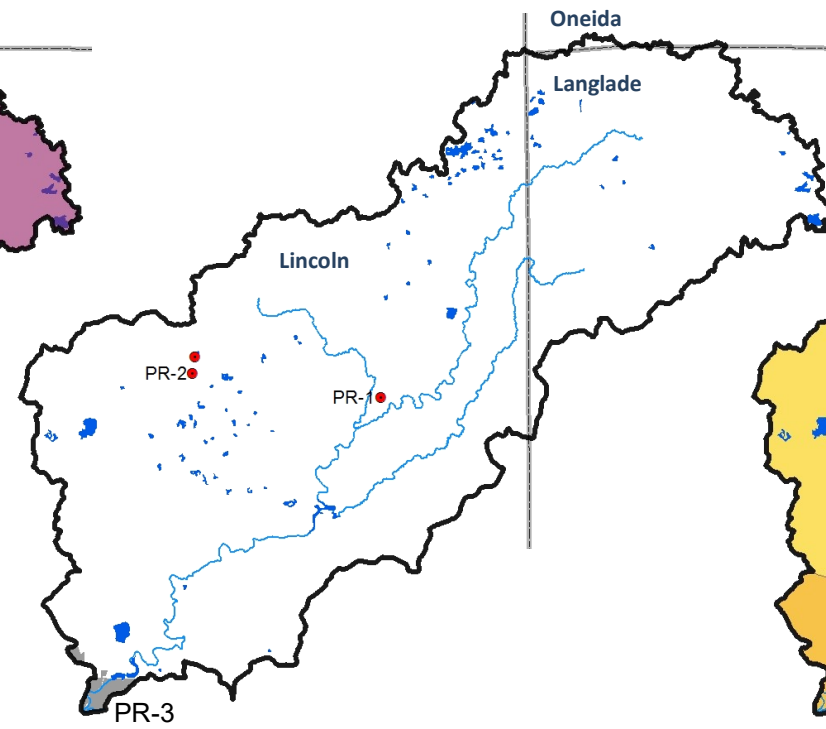
Land Use



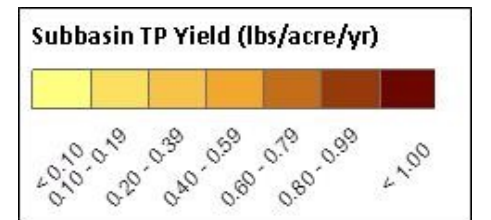
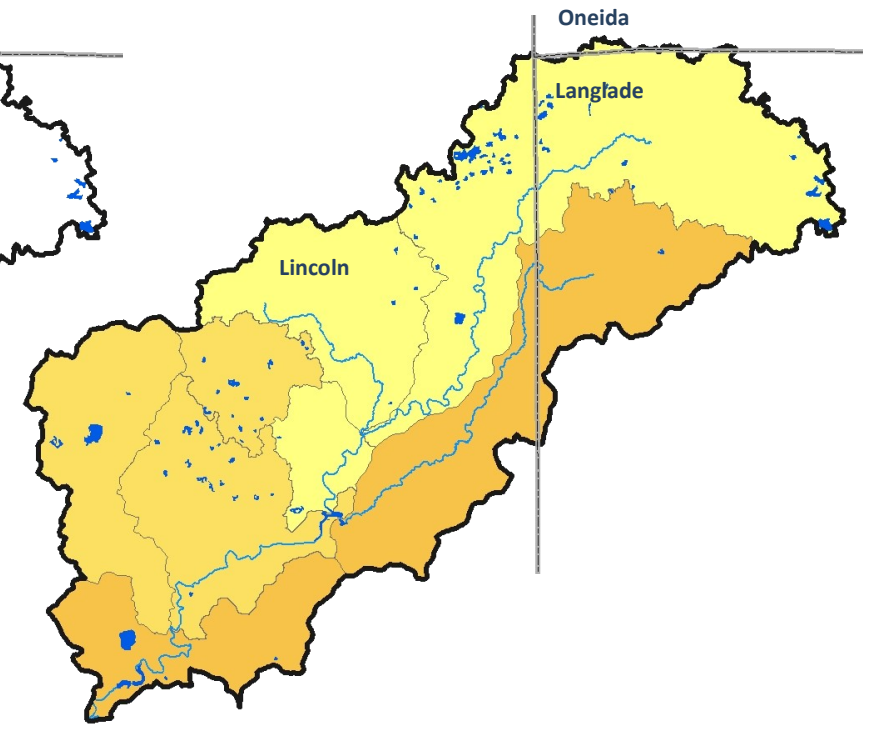
IMPAIRED WATERS



PHOSPHORUS POINT SOURCES



NONPOINT SOURCE PHOSPHORUS YIELD



Municipal WWTFs

Permittee	Permit No.	No. Outfalls	Map ID
Russell Sanitary District #1	0029319	1	PR-1
WI DOC Lincoln Hills School	0026701	2	PR-2

Permitted MS4s

(Covered by WPDES Gen. Permit WI-S050075-2)

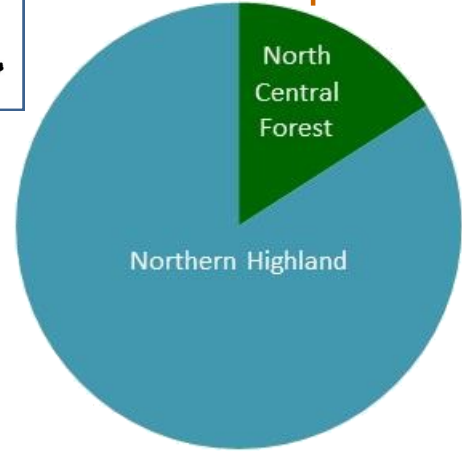
Permittee	Permit ID No.	Map ID
Merrill, City	0031427	PR-3



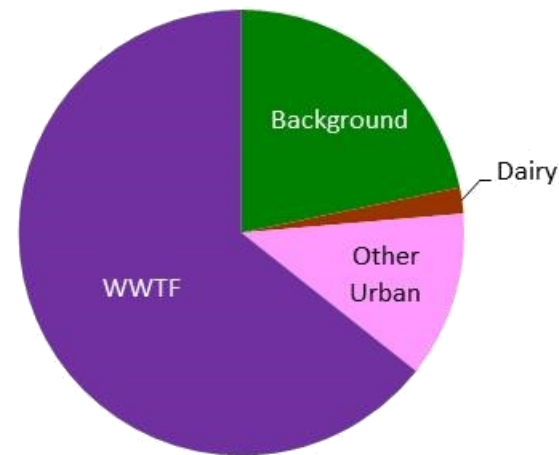
Ave. Annual Phosphorus Load = 43.2 tons | Lincoln, Oneida and Vilas Counties | 737.5 square miles |

# Wisconsin River Headwaters

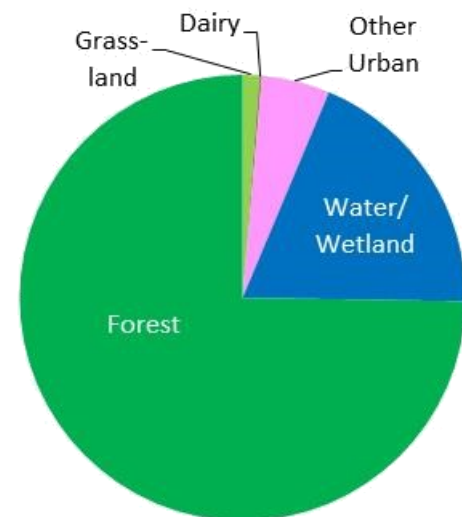
## Ecological Landscape



## Sources of Phosphorus

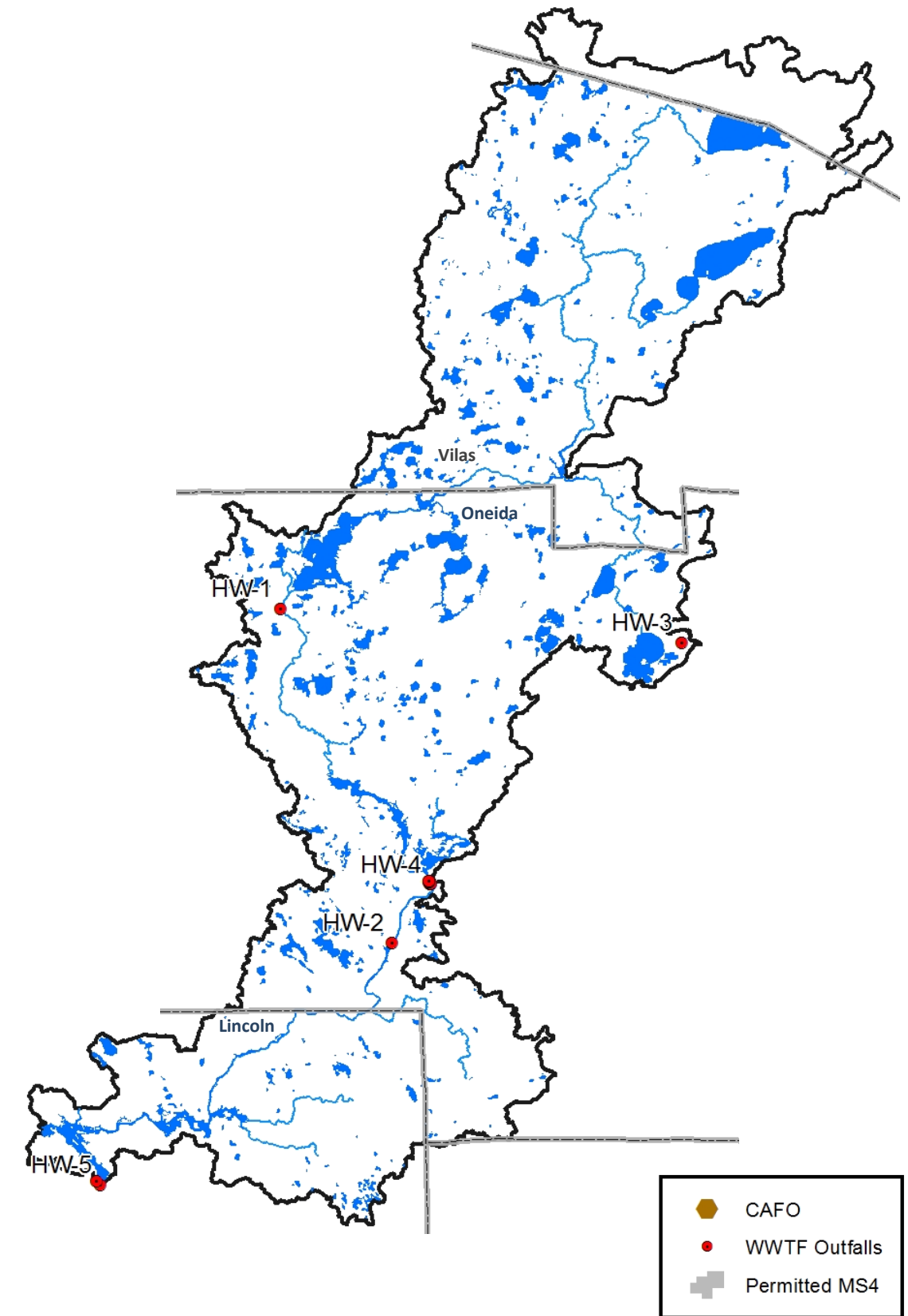


## Land Use



Impaired Waters				
Name	TP Standard (ug/L)	Subbasin/Reach ID		
Boot Lake	40	285		
Dam Lake (Sugar Camp Chain)	15	126		
Lower Buckatabon Lake	15	129		
Muskellunge Lake	40	127		
Myrtle Lake	20	283		
Sand Lake (Sugar Camp Chain)	15	125		
Twin Lakes	15	283		
Upper Buckatabon Lake	15	130		
Municipal WWTFs				
Permittee	Permit No.	No.	Outfalls	Map ID
Lake Tomahawk SD	0036374		1	HW-1
Rhinelanders	0020044		1	HW-2
Three Lakes SD	0022853		1	HW-3
Industrial WWTFs				
Permittee	Permit No.	No.	Outfalls	Map ID
Expera Specialty Solutions	0003026		7	HW-4
Packaging Corporation of America	0002810		2	HW-5

## PHOSPHORUS POINT SOURCES

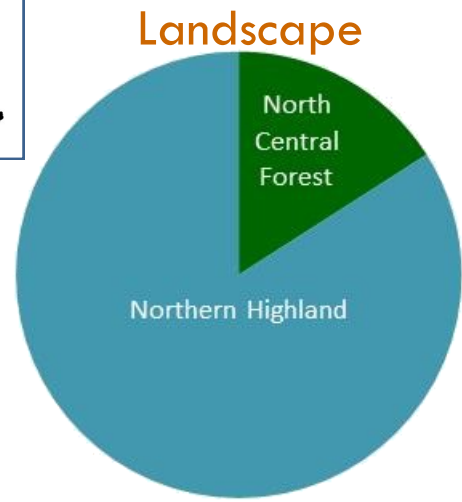




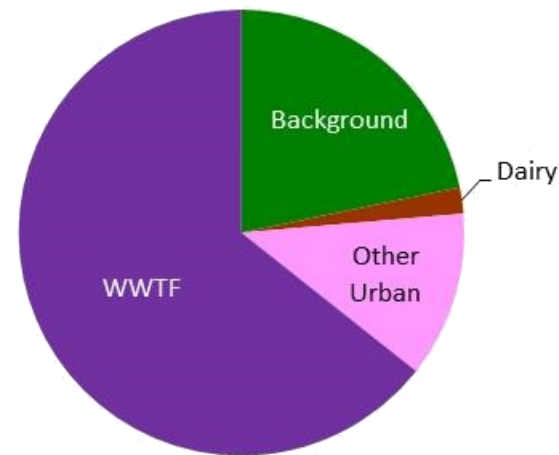
Ave. Annual Phosphorus Load = 43.2 tons | Lincoln, Oneida and Vilas Counties | 737.5 square miles |

# Wisconsin River Headwaters

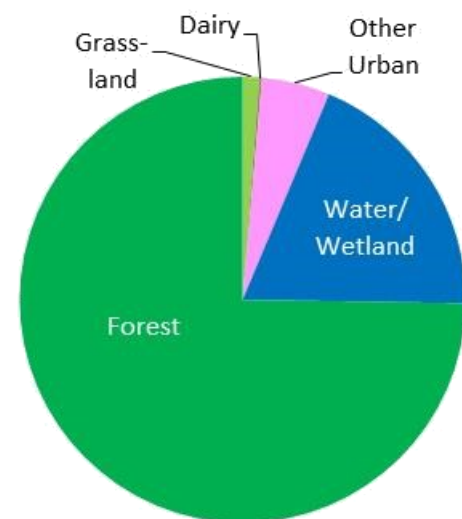
## Ecological Landscape



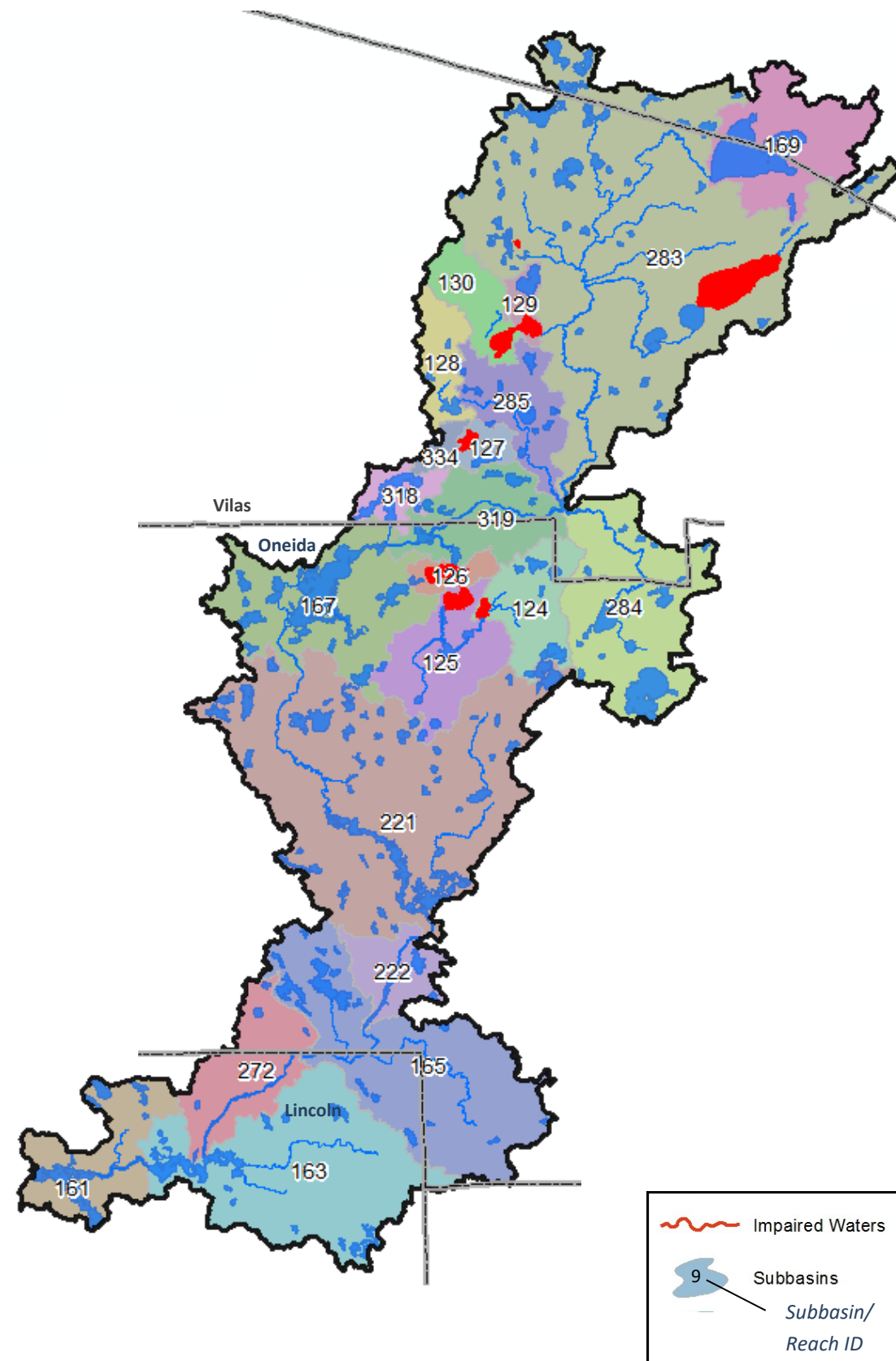
## Sources of Phosphorus



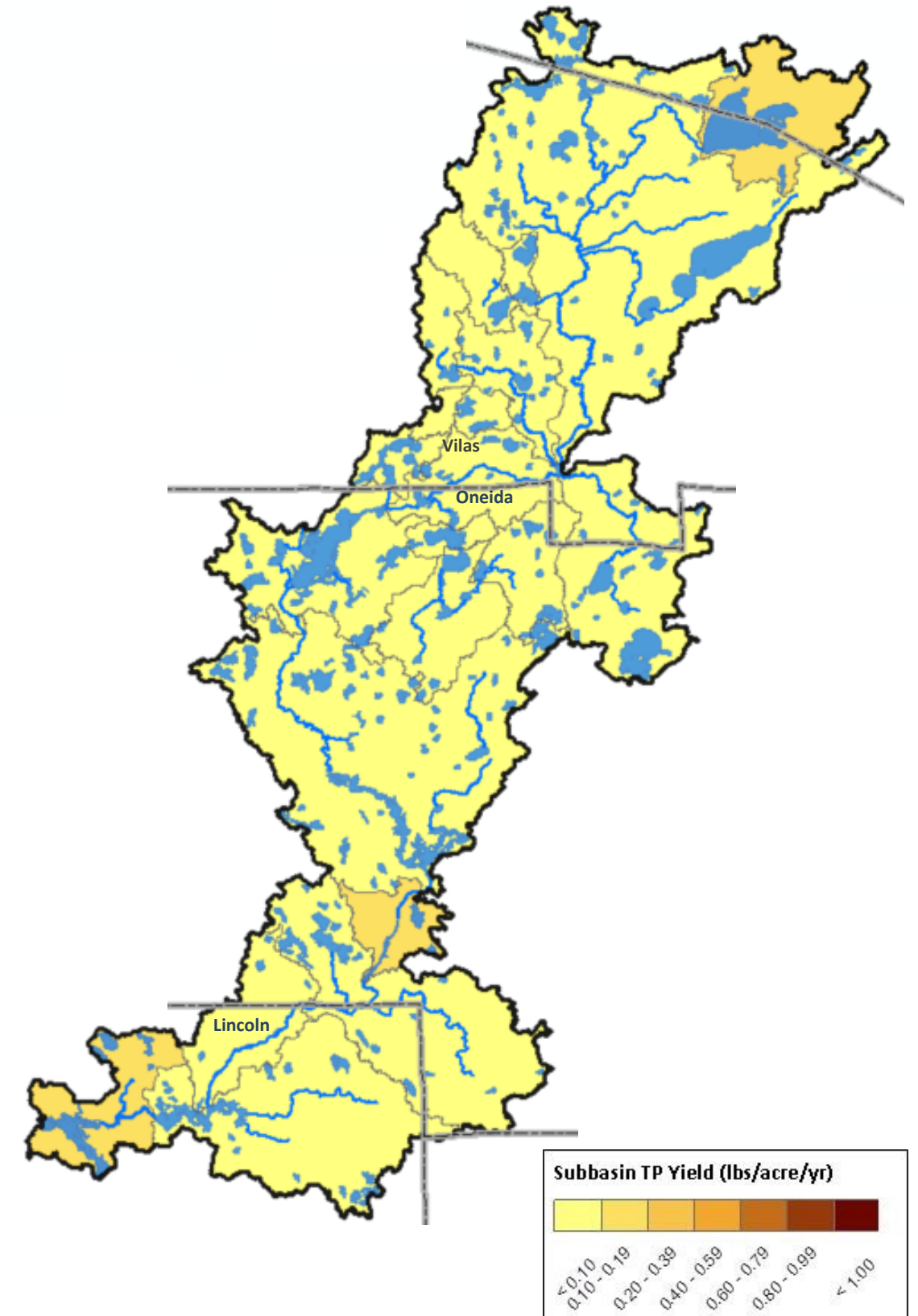
## Land Use

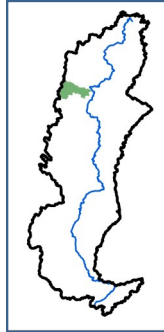


## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES

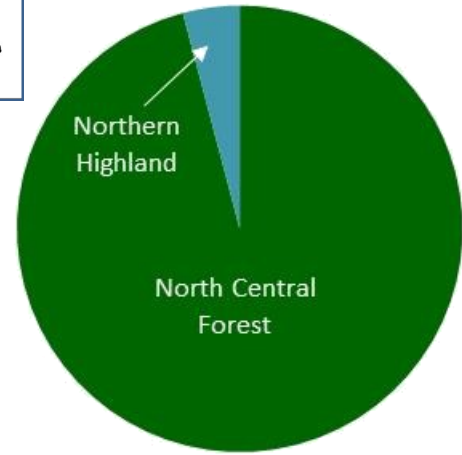




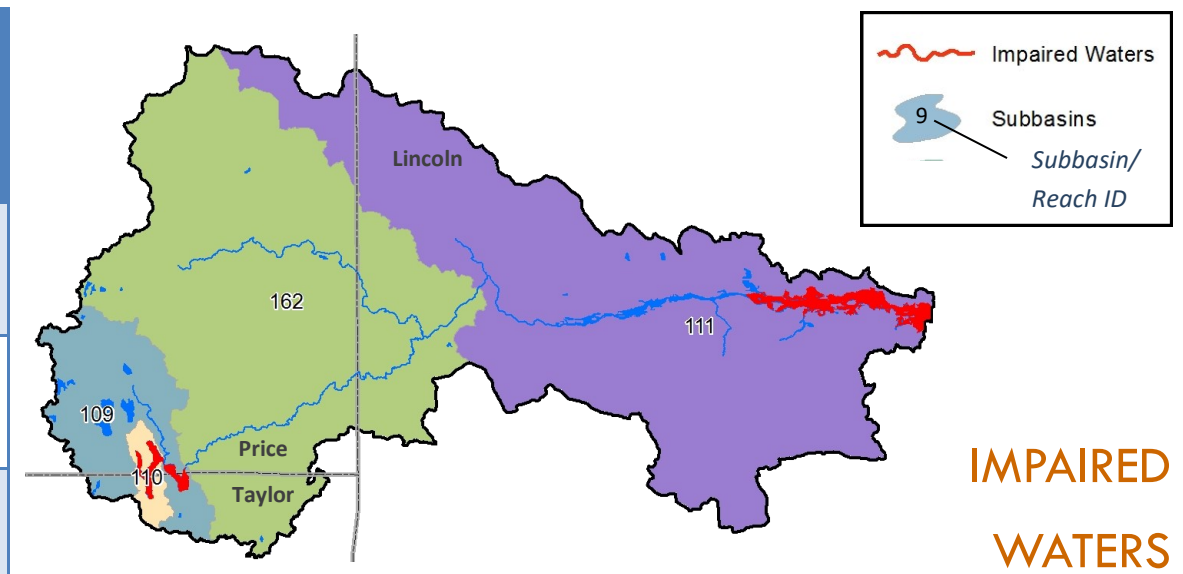
Ave. Annual Phosphorus Load = 8.4 tons | Lincoln, Price and Taylor Counties | 159.7 square miles |

# Spirit River Watershed

## Ecological

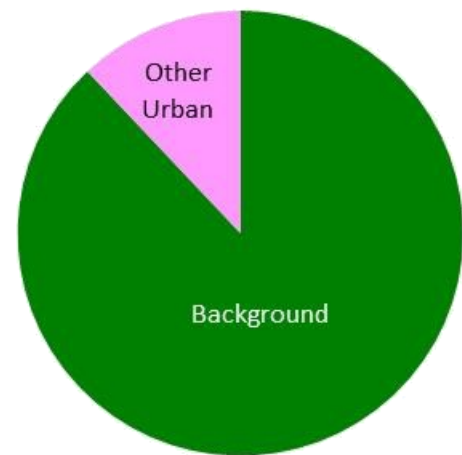


Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/Reach ID
North Spirit Lake	40	110
Spirit Lake	30	109
Spirit River Flowage	40	111

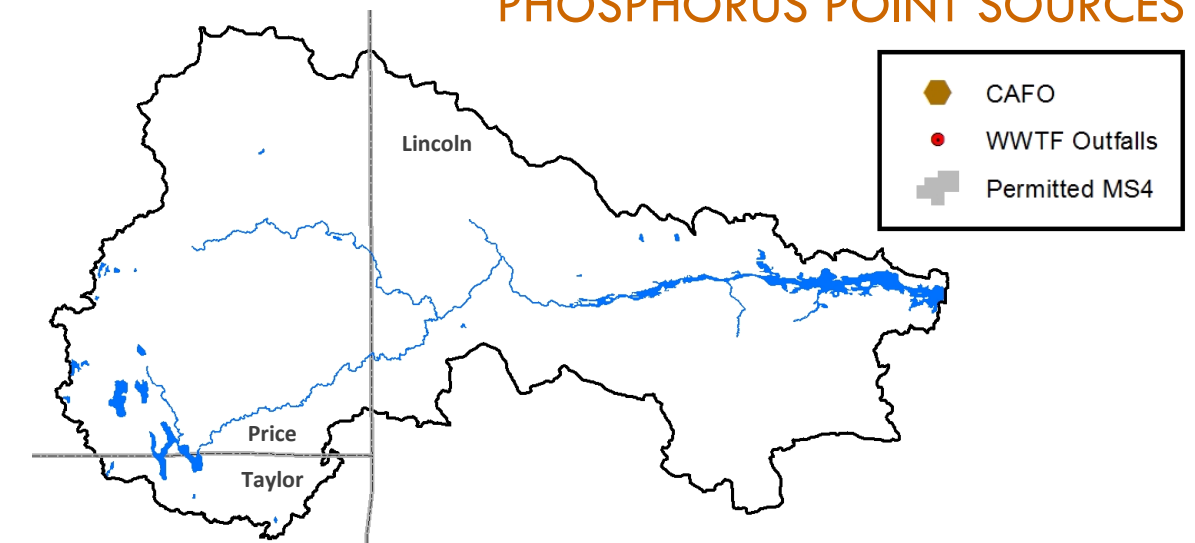


**IMPAIRED WATERS**

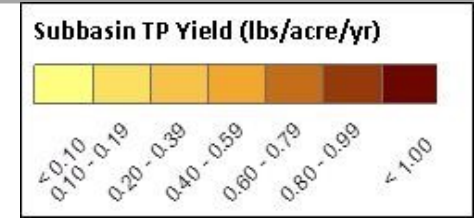
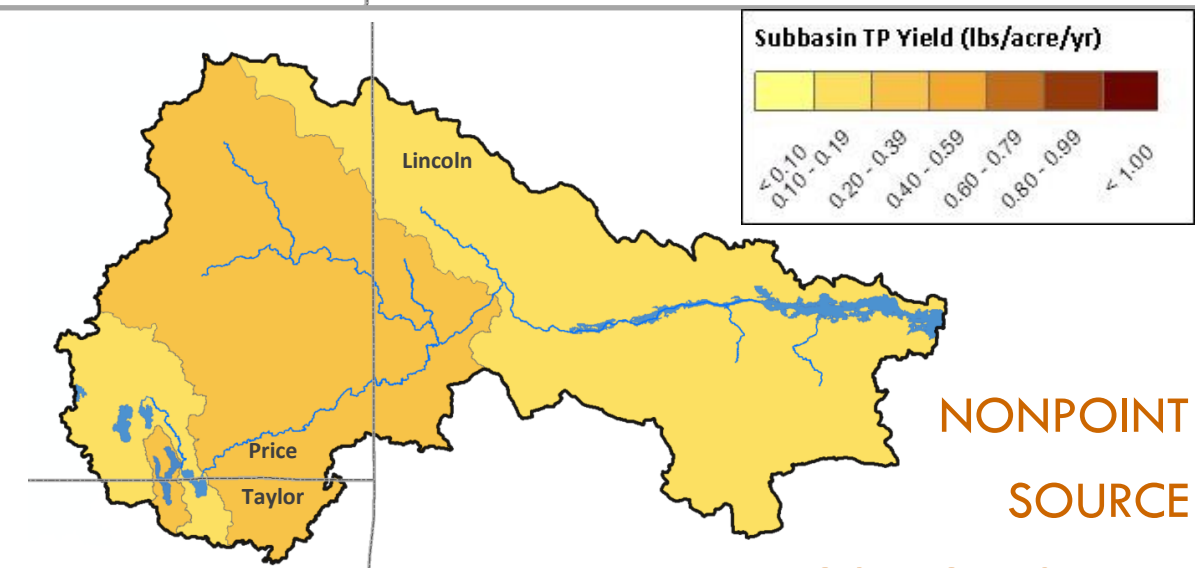
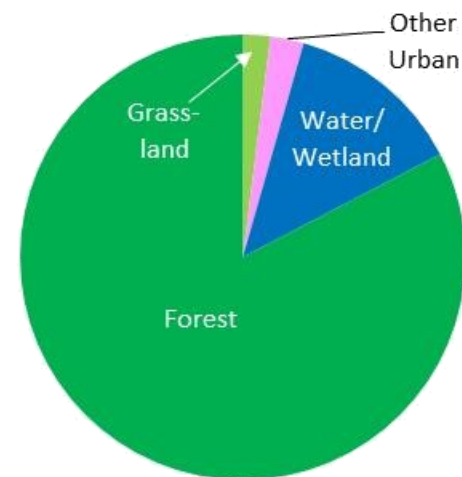
## Sources of Phosphorus



## PHOSPHORUS POINT SOURCES



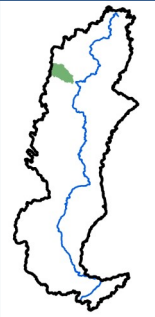
## Land Use



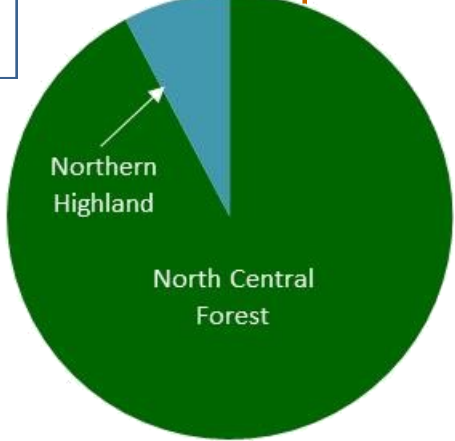
**NONPOINT SOURCE PHOSPHORUS YIELD**



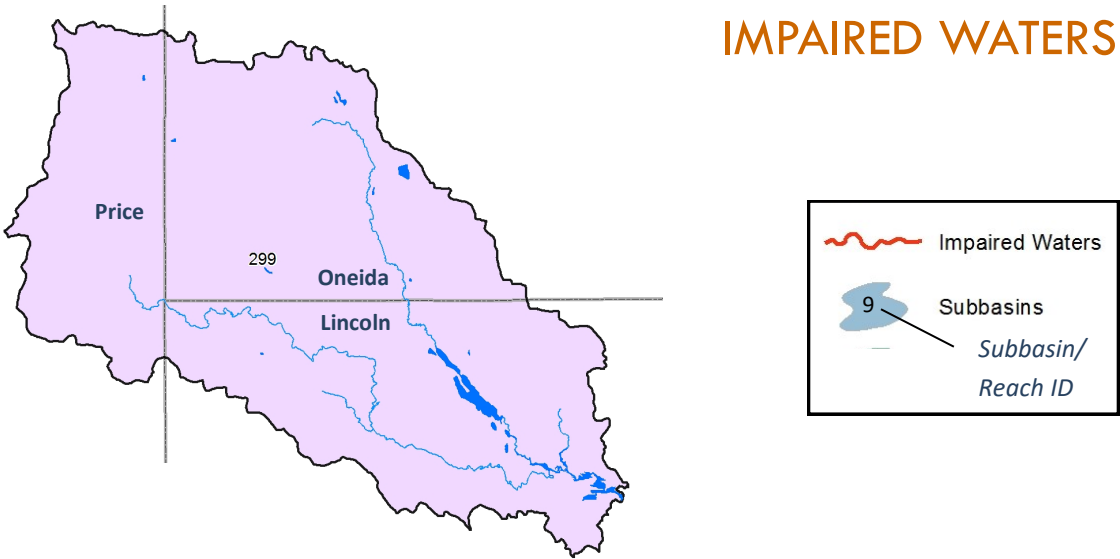
Ave. Annual Phosphorus Load = 6.4 tons | Lincoln, Oneida and Price Counties | 135.6 square miles



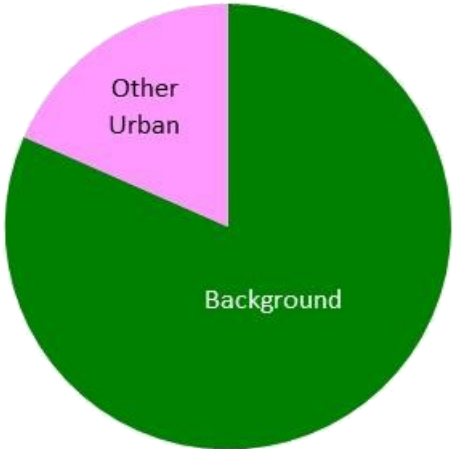
Ecological Landscape



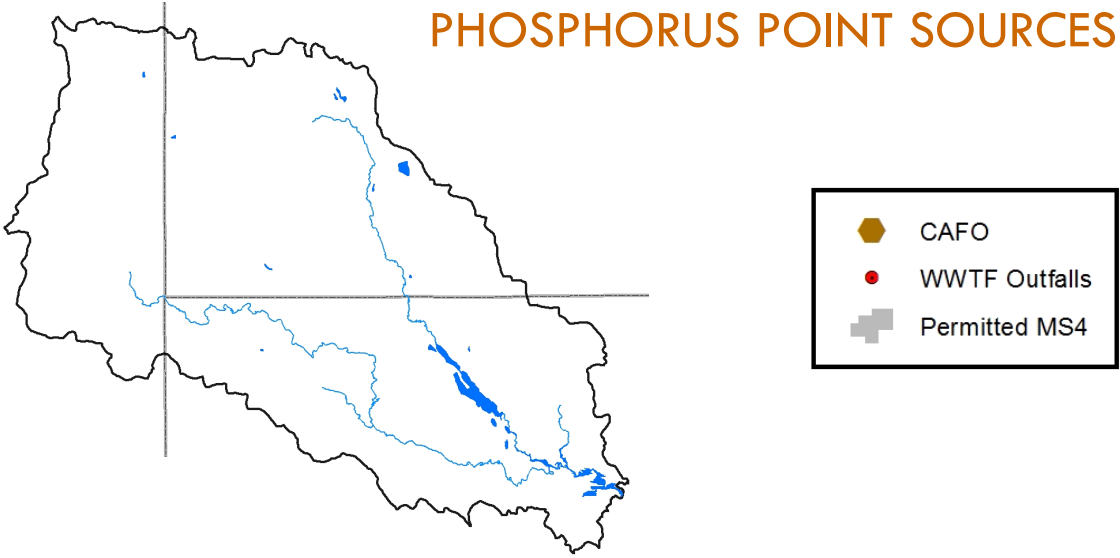
IMPAIRED WATERS



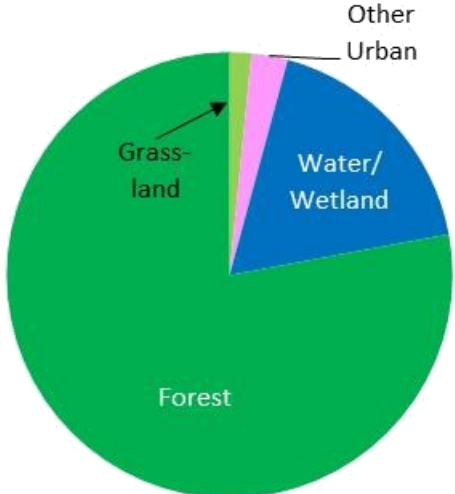
Sources of Phosphorus



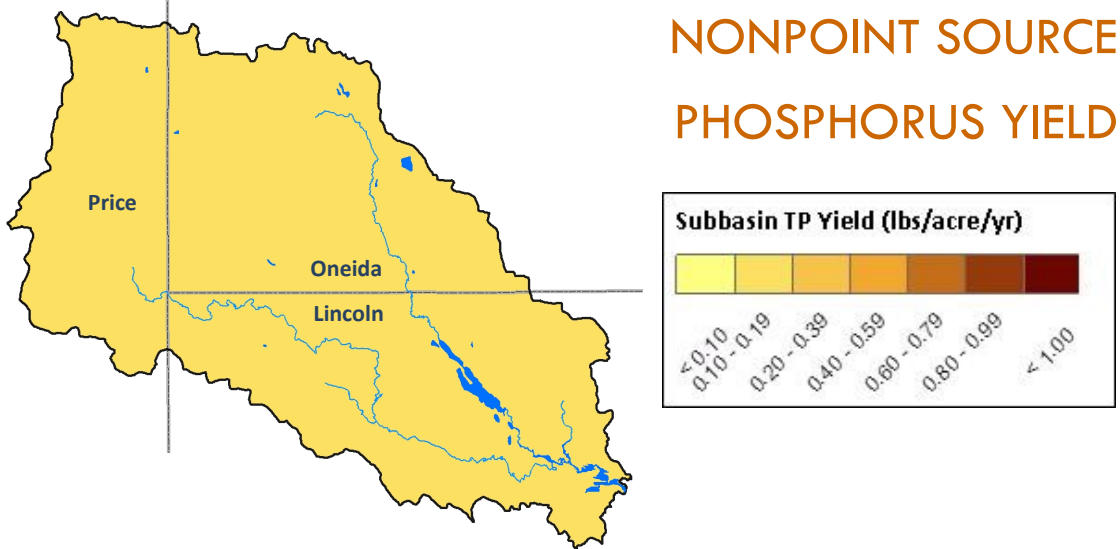
PHOSPHORUS POINT SOURCES



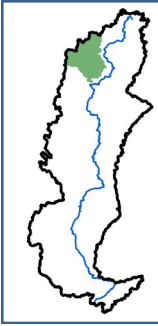
Land Use



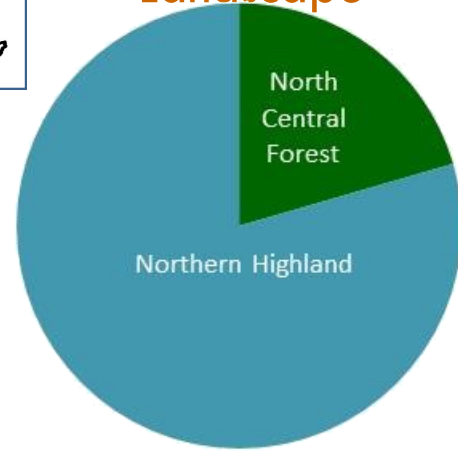
NONPOINT SOURCE PHOSPHORUS YIELD



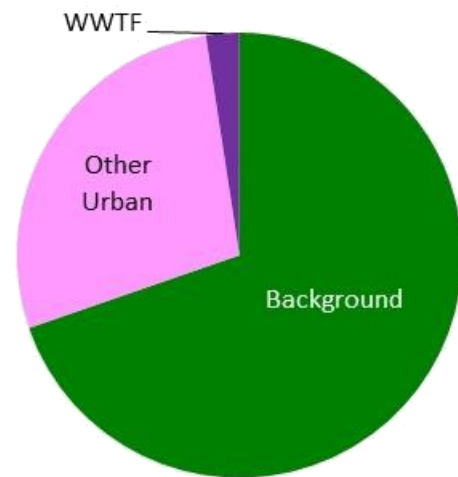
Ave. Annual Phosphorus Load = 11.7 tons | Lincoln, Price, Oneida and Vilas Counties | 557.1 square miles |



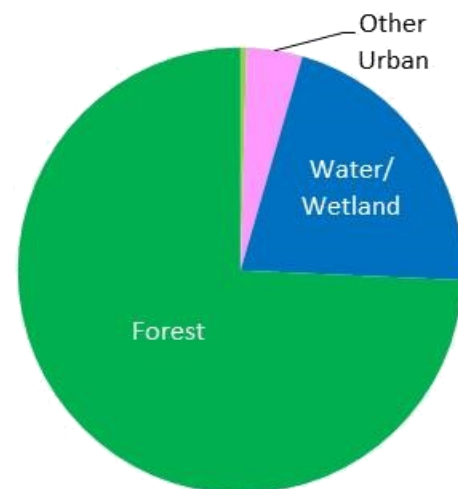
## Ecological Landscape



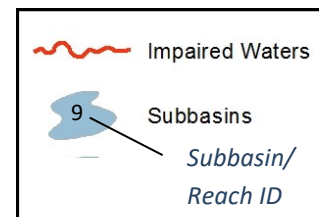
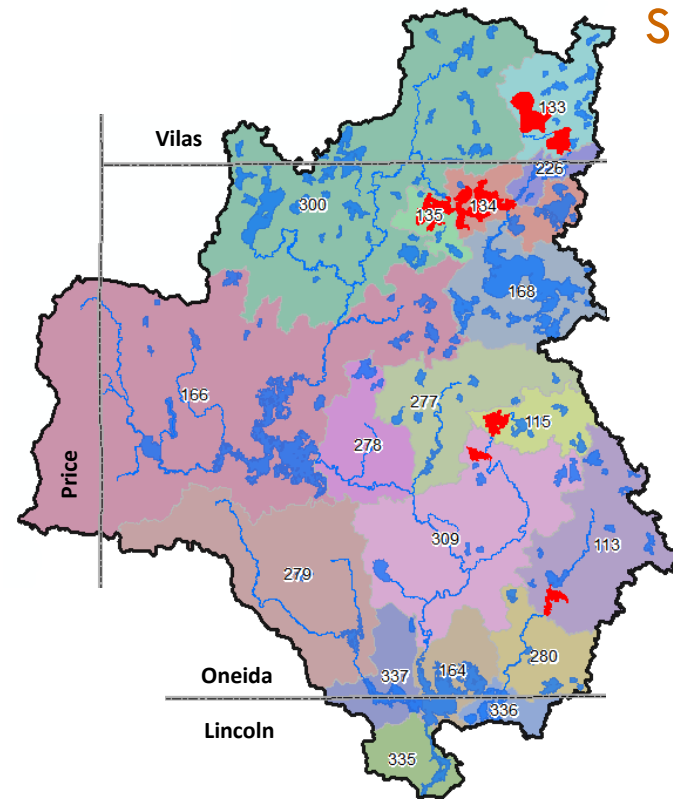
## Sources of Phosphorus



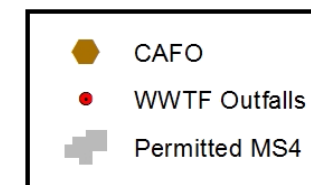
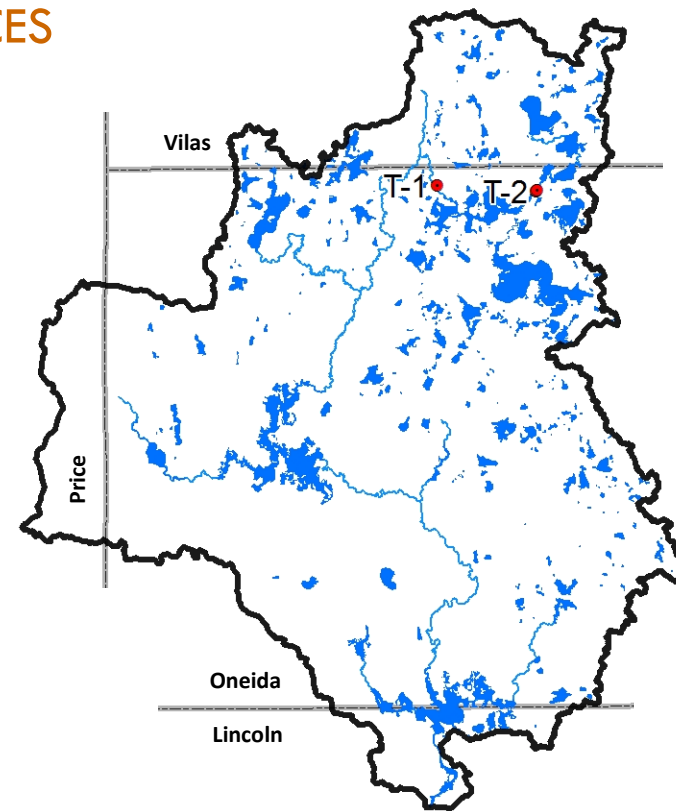
## Land Use



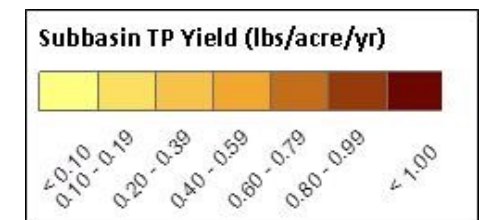
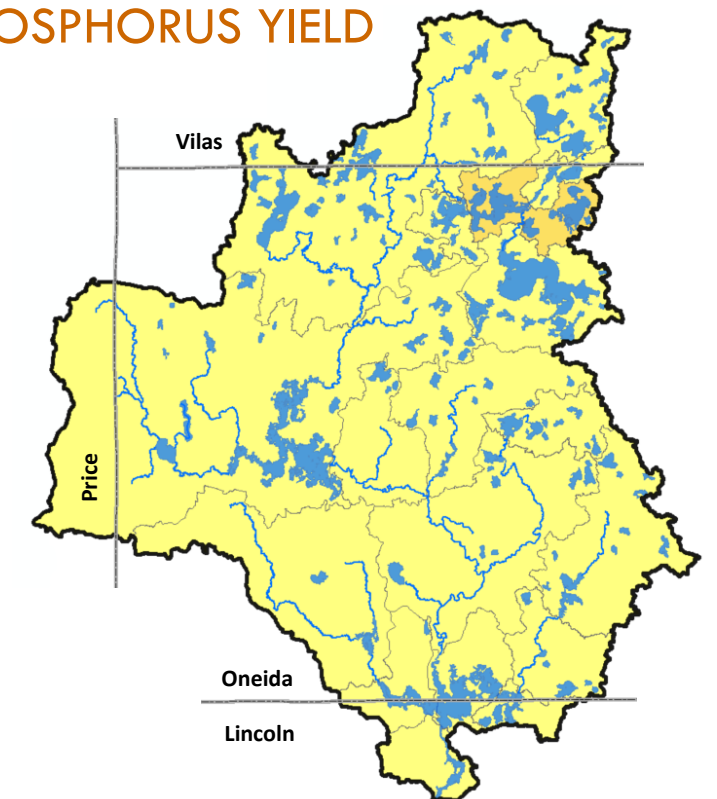
## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES



## NONPOINT SOURCE PHOSPHORUS YIELD



Impaired Waters			Municipal WWTFs			
Name	TP Standard (ug/L)	Subbasin/Reach ID	Permittee	Permit No.	No. Outfalls	Map ID
Big Arbor Vitae Lake	30	133	Lakeland SD	0022837	1	T-1
Bearskin Lake	40	115				
Hancock Lake	40	113				
Kawaguesaga Lake	15	135	Industrial WWTFs			
Permittee	Permit ID No.	No. Outfalls	Map ID			
Little Arbor Vitae Lake	30	133	WI DNR Art Oehmcke State Fish Hatchery	0058271	2	T-2
Little Bearskin Lake	30	309				
Minocqua Lake	15	134				

# Gilmore Creek Watershed

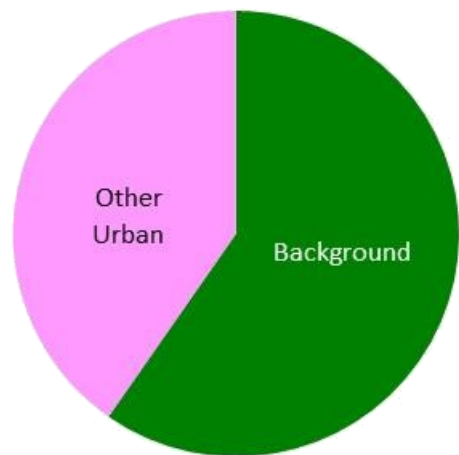
Ave. Annual Phosphorus Load = 1.6 tons | Oneida and Vilas Counties | 83.5 square miles |



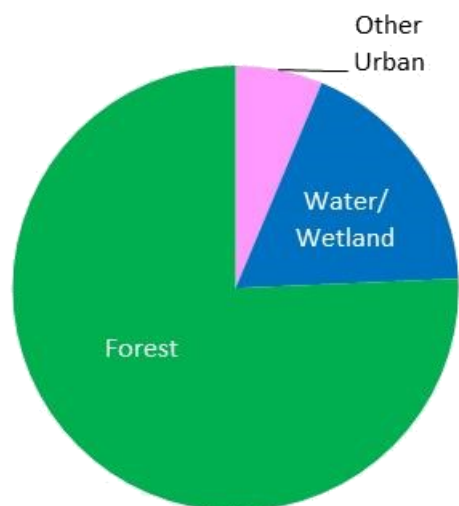
## Ecological Landscape



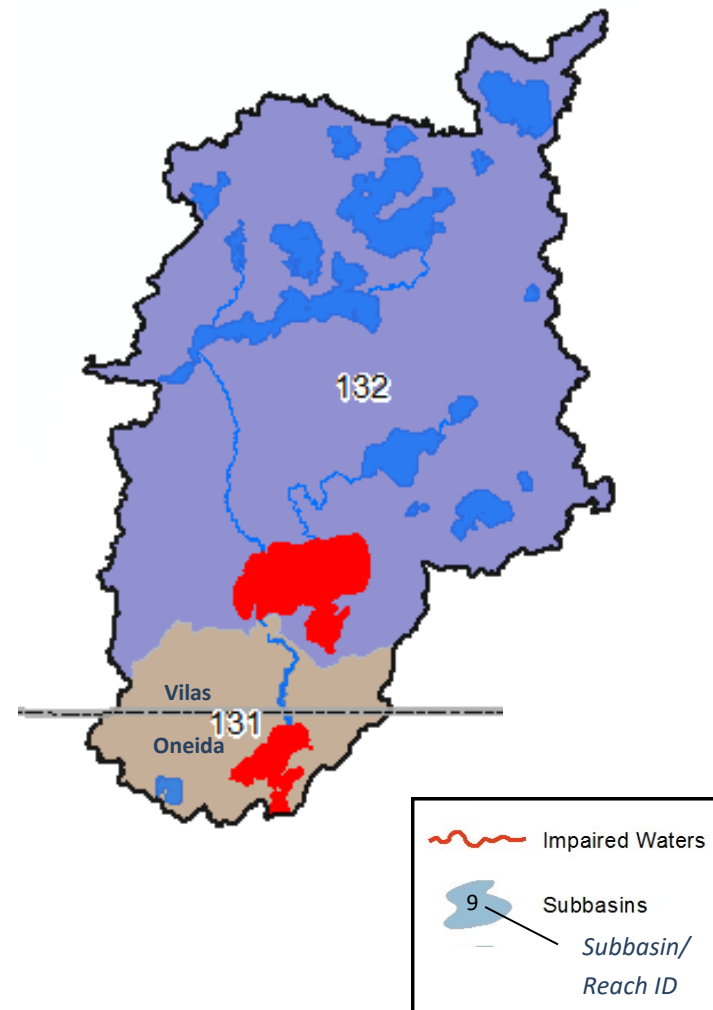
## Sources of Phosphorus



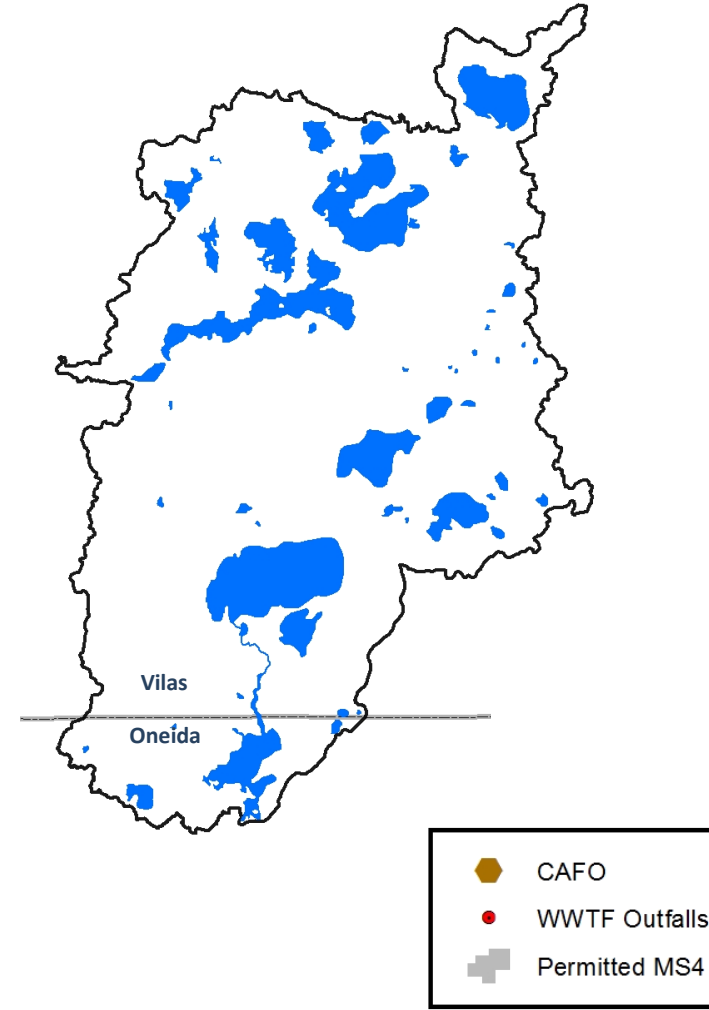
## Land Use



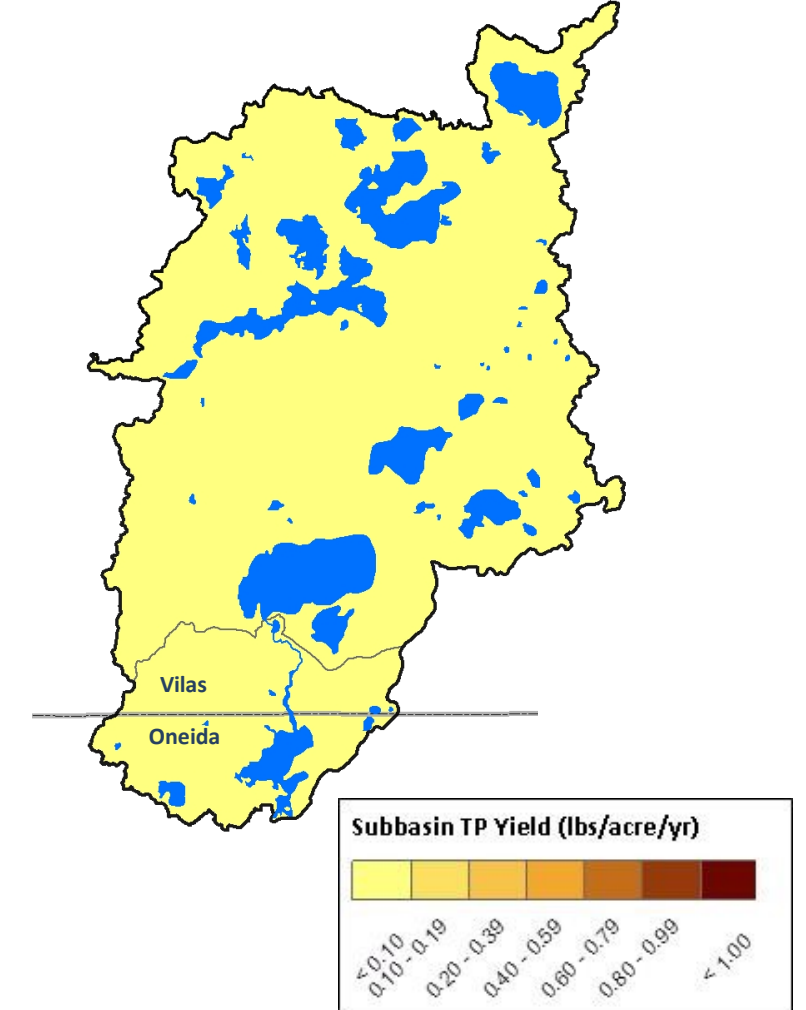
## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES



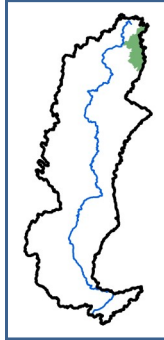
## NONPOINT SOURCE PHOSPHORUS YIELD



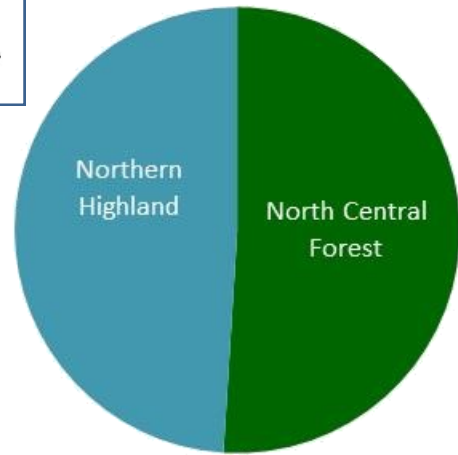
Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/ Reach ID
Big St. Germain Lake	15	132
Lake Content	20	132
Pickerel Lake	40	131

Ave. Annual Phosphorus Load = 5.7 tons | Forest, Oneida and Vilas Counties | 236.7 square miles |

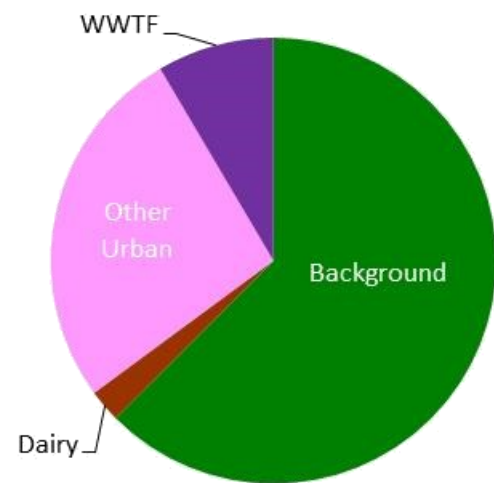
# Eagle River Watershed



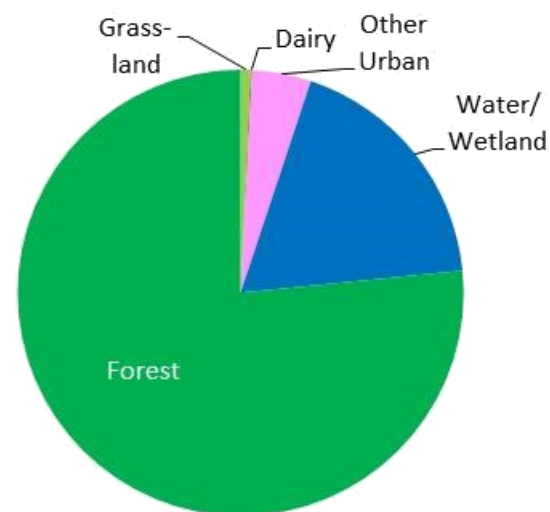
## Ecological



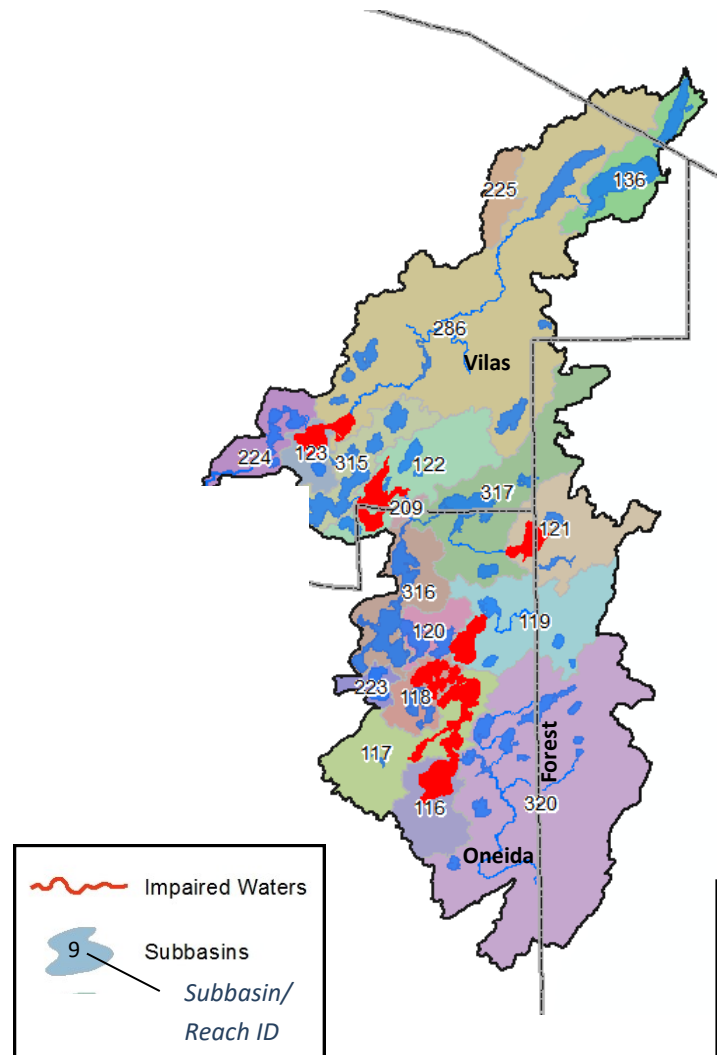
## Sources of Phosphorus



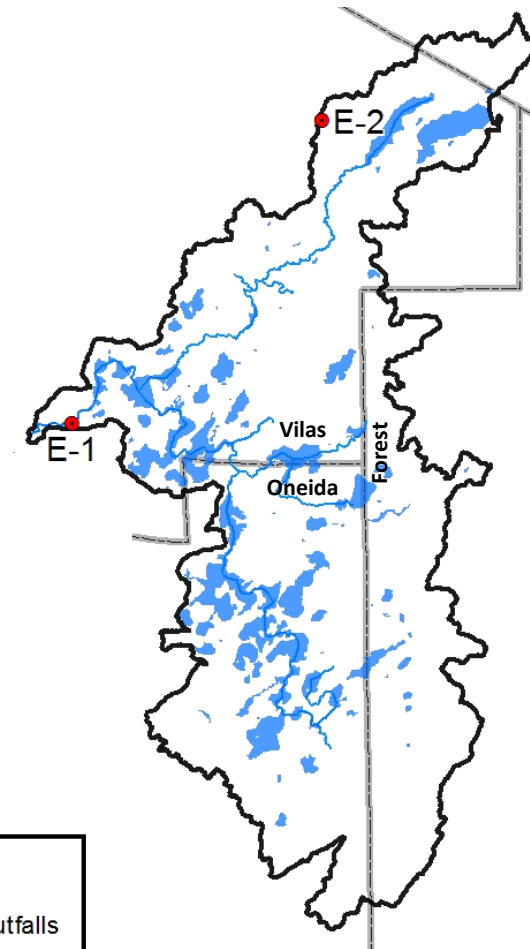
## Land Use



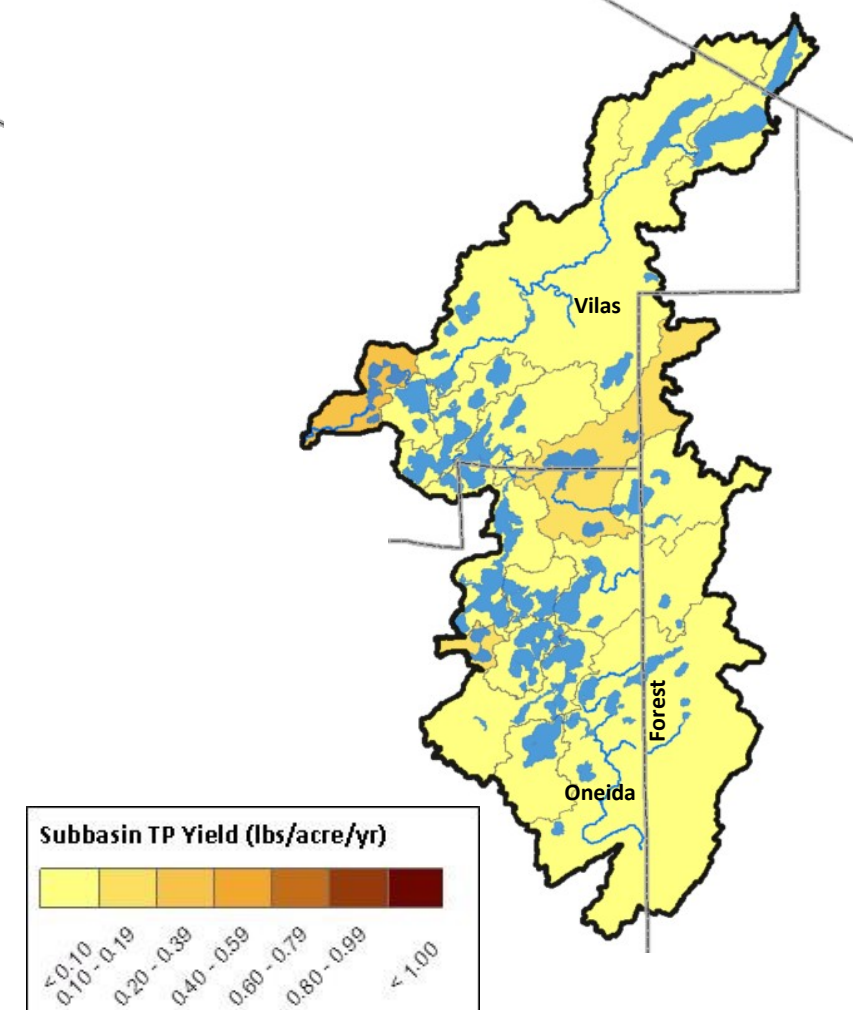
## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES

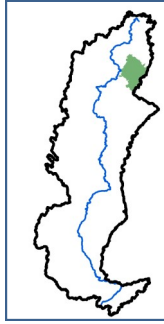


## NONPOINT SOURCE PHOSPHORUS YIELD



Impaired Waters			Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/Reach ID	Name	TP Standard (ug/L)	Subbasin/Reach ID
Big Fork Lake	15	119	Dog Lake	15	117
Big Lake	15	116	Eagle Lake (Eagle Chain)	15	123
Big Sand Lake	15	136	Laurel Lake	15	118
Big Stone Lake	15	118	Medicine Lake	15	118
Cranberry Lake	40	122	Mud Lake	40	117
Deer Lake	15	117	Sevenmile Lake	15	151

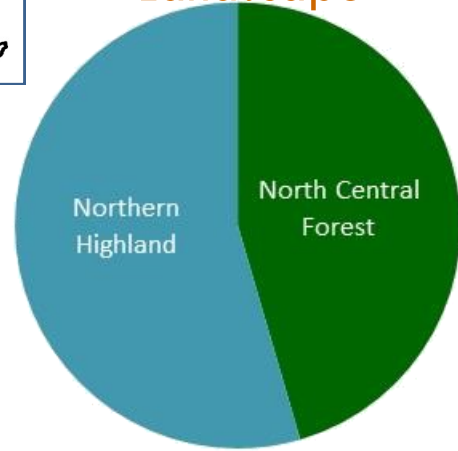
Municipal WWTFs			
Permittee	Permit No.	No. Outfalls	Map ID
Eagle River	0022004	1	BEP-1
Phelps SD #1	0029050	1	BEP-2



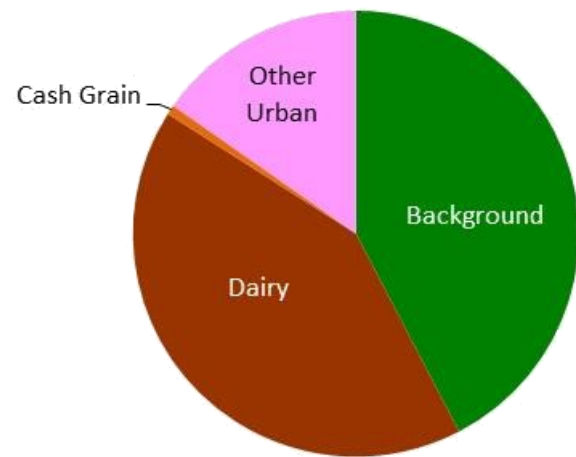
Ave. Annual Phosphorus Load = 6.4 tons | Langlade, Lincoln, and Oneida Counties | 264.9 square miles |

# Pelican River Watershed

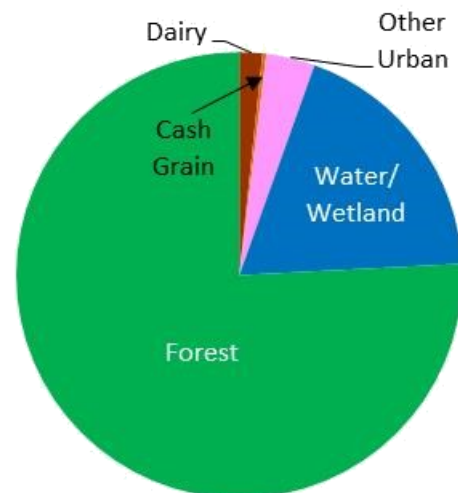
## Ecological Landscape



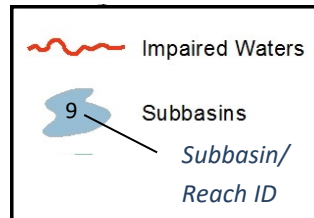
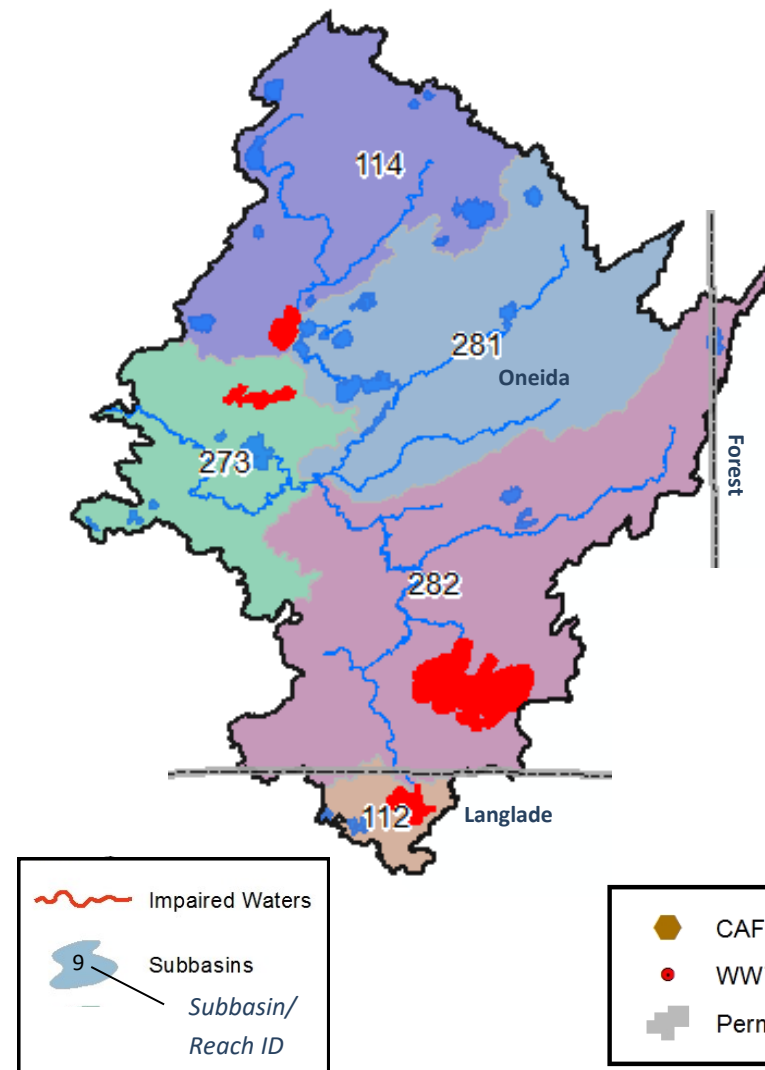
## Sources of Phosphorus



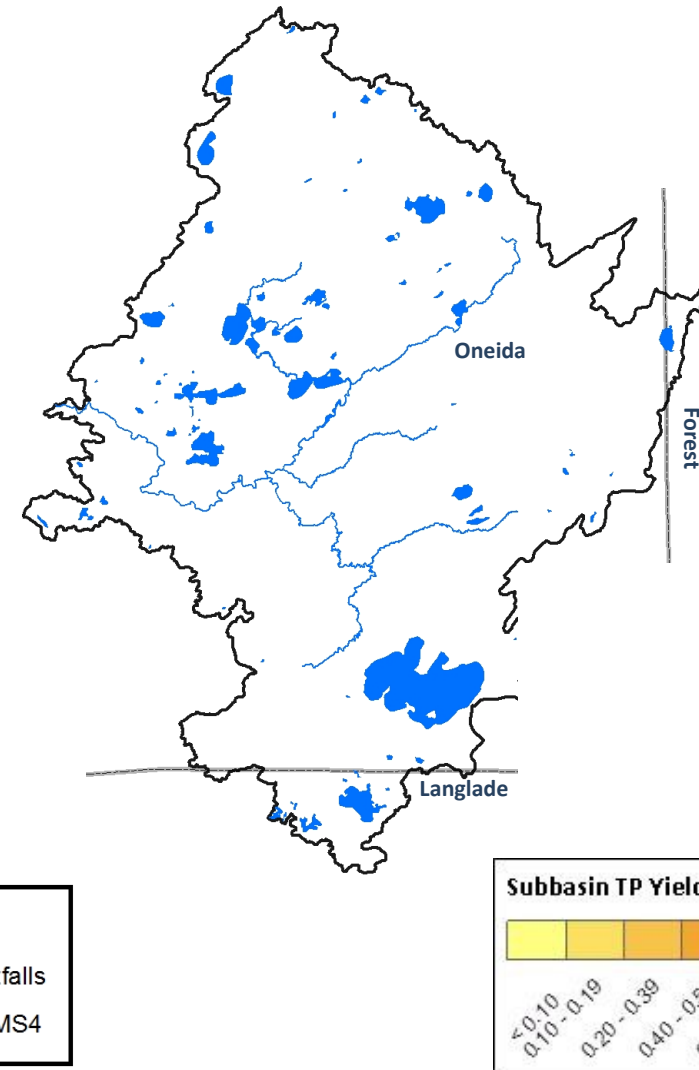
## Land Use



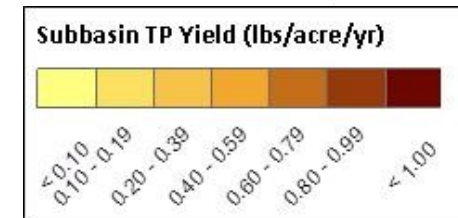
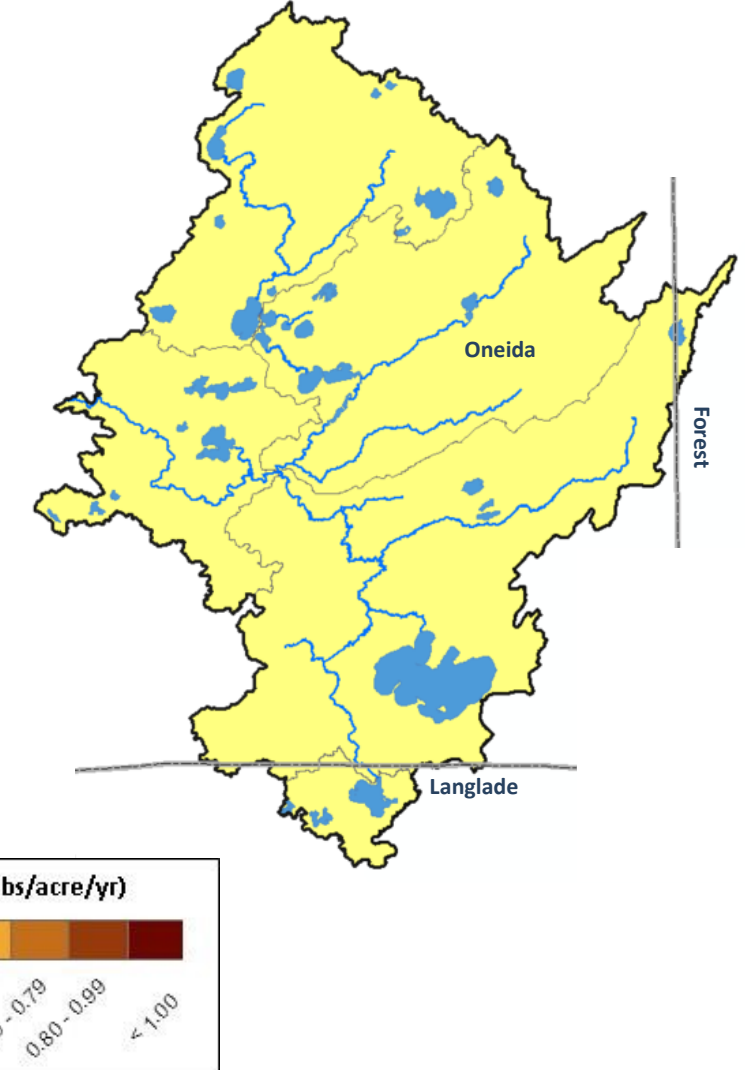
## IMPAIRED WATERS



## PHOSPHORUS POINT SOURCES



## NONPOINT SOURCE PHOSPHORUS YIELD



Impaired Waters		
Name	TP Standard (ug/L)	Subbasin/Reach ID
Enterprise Lake	40	112
Moen Lake	40	114
Pelican Lake	40	282
Thompson Lake	30	273