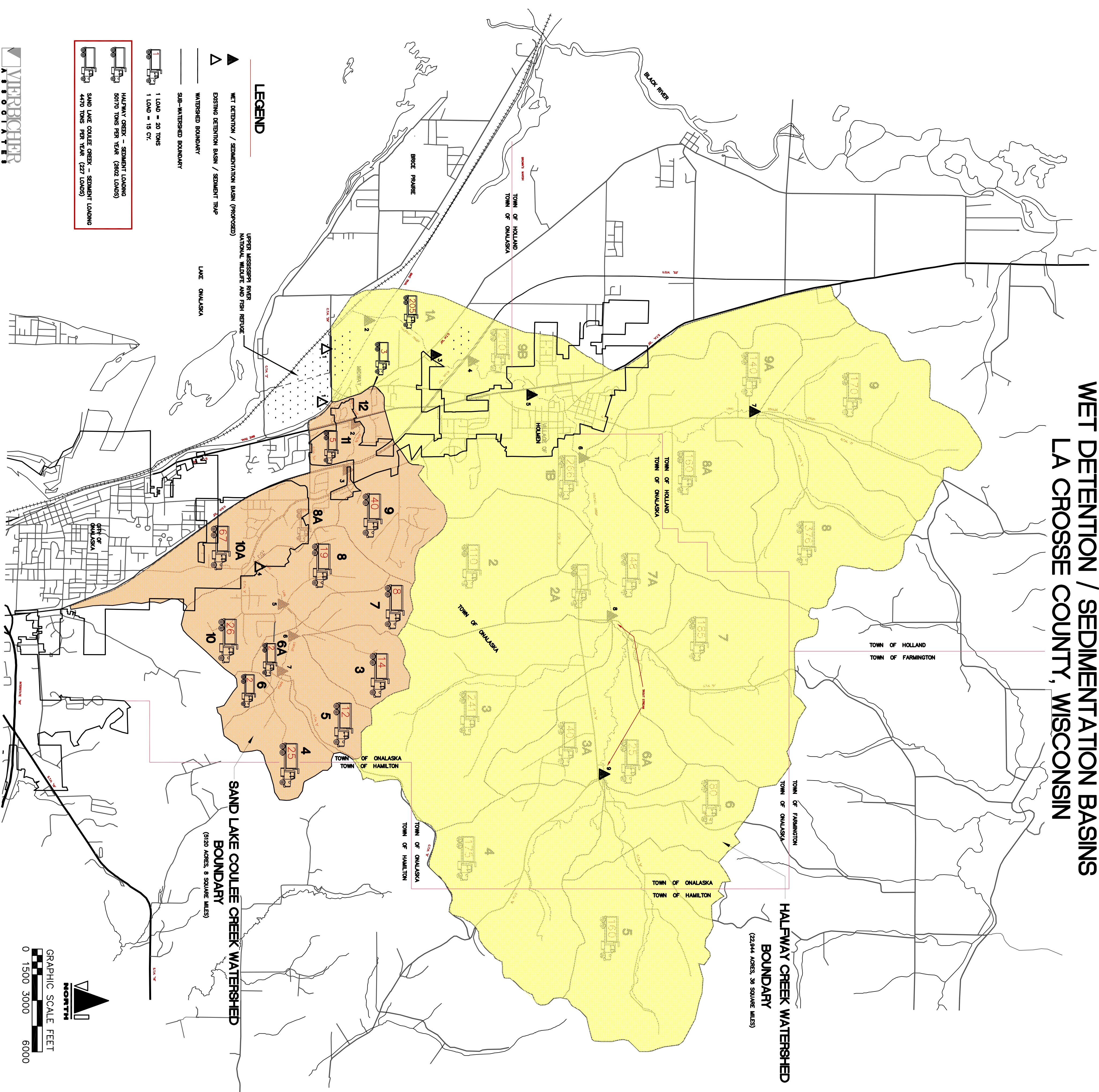


# HALFWAY CREEK AND SAND LAKE COULEE CREEK WATERSHED SEDIMENT ANALYSIS AND WET DETENTION / SEDIMENTATION BASINS LA CROSSE COUNTY, WISCONSIN



## HALFWAY CREEK WATERSHED

TABLE 1  
EXISTING LAND USE

Subarea (Reach) No.	Land Use - Acres			Total (Ac)
	Agricultural	Wooded	Open Space	
1A	661	-	158	1185
1B	510	348	525	1385
2A	325	114	-	439
3A	1096	1354	30	2480
3A	784	1024	200	1988
5	596	1388	-	1984
6	396	495	-	891
7A	662	1305	-	1967
7A	566	194	-	760
8	945	968	-	1913
9	753	984	-	1744
9A	737	333	-	1070
9B	479	-	-	479
Total	10,558	10,736	520	22,944
Percent of Total	46.0%	46.8%	2.3%	100%

TABLE 2  
PROBABLE FUTURE LAND USE  
20 YEAR PROJECTION

Subarea (Reach) No.	Land Use - Acres			Total (Ac)
	Agricultural	Wooded	Open Space	
1A	160	746	699	1545
1B	348	348	300	1000
2A	80	114	169	363
3A	690	1354	250	2494
3A	448	1024	200	1772
5	260	1388	200	1848
6	210	495	100	805
7A	526	1305	200	1951
7A	160	194	310	664
8	529	968	150	1647
9	280	984	166	1430
9A	160	333	441	934
9B	160	413	524	1097
Total	4033	10,736	5394	22,944
Percent of Total	17.6%	46.8%	23.4%	100%

TABLE 3  
RECOMMENDED FUTURE URBAN DENSITY THRESHOLDS  
20 YEAR PROJECTION

Subarea (Reach) No.	Residential			Commercial			Industrial			Total Acres	Units /A/C
	Single Family	Two Family	Multi Family	Acres	Units	Acres	Units	Acres	Units		
1A	150	99	100	200	40	200	40	200	40	699	0.61
1B	250	100	100	50	12	200	40	100	20	700	0.60
2	300	42	42	-	-	-	-	-	-	342	0.71
3	250	167	-	-	-	-	-	-	-	250	0.67
3A	207	138	-	-	-	-	-	-	-	207	0.67
4	200	133	-	-	-	-	-	-	-	200	0.66
5	100	67	-	-	-	-	-	-	-	100	0.67
6	119	79	-	-	-	-	-	-	-	119	0.66
7A	150	100	60	60	-	-	-	-	-	310	0.56
8	150	100	60	60	-	-	-	-	-	310	0.67
8A	250	167	100	100	29	7	100	20	-	479	0.61
9A	200	200	111	111	30	8	100	20	-	441	0.71
9B	224	50	50	50	13	100	20	-	-	524	0.62
Total	3413	2550	562	562	209	140	800	160	400	5394	3.62
Percent of Total	63.4%	73.0%	10.4%	16.1%	3.9%	4.0%	14.9%	4.6%	3.9%	100%	100%

## SAND LAKE COULEE CREEK WATERSHED

TABLE 4  
EXISTING LAND USE

Subarea (Reach) No.	Land Use - Acres			Total (Ac)
	Agricultural	Wooded	Open Space	
3	112	337	-	449
4	121	373	-	494
5	42	76	-	120
6A	62	26	22	110
7	65	236	-	301
7A	158	75	119	352
8A	186	271	-	457
9	144	260	-	404
10A	112	344	-	456
Total	1358	2403	1142	5720
Percent of Total	26.5%	46.9%	22.3%	100%

TABLE 5  
PROBABLE FUTURE LAND USE  
20 YEAR PROJECTION

Subarea (Reach) No.	Land Use - Acres			Total (Ac)
	Agricultural	Wooded	Open Space	
3	97	337	106	540
4	106	373	115	604
5	26	76	37	139
6A	26	26	79	131
7	236	236	10	482
7A	158	75	119	352
8A	271	271	679	1221
9	260	260	354	874
10A	112	344	150	606
Total	2403	2403	2183	7000
Percent of Total	1.9%	46.9%	42.6%	8.6%

\* See Table 6 for recommended future urban land use density thresholds.  
1. Urban Land Use Density Thresholds are based on a total acreage of 2183 AC land is developed except for 100 AC within subarea 12 adjacent to Sand Lake Creek, and wildlife and fish refuge.

TABLE 6  
RECOMMENDED FUTURE URBAN DENSITY THRESHOLDS  
20 YEAR PROJECTION

Subarea (Reach) No.	Single Family			Residential			Commercial			Industrial			Total Acres	Units /A/C
	Single Family	Two Family	Multi Family	Acres	Units	Acres	Units	Acres	Units	Acres	Units			
3	97	55	-	-	-	-	-	-	-	-	-	97	0.67	
4	97	60	-	-	-	-	-	-	-	-	-	97	0.66	
5	37	25	-	-	-	-	-	-	-	-	-	37	0.67	
6A	79	52	-	-	-	-	-	-	-	-	-	79	0.66	
7	188	126	30	30	10	20	20	4	-	-	-	246	0.72	
8A	30	20	20	20	10	20	20	4	-	-	-	30	0.67	
9	216	143	30	30	10	20	20	4	-	-	-	256	0.69	
10A	112	348	100	100	80	160	150	30	20	20	24	298	0.85	
Total	1503	1123	210	210	120	240	230	46	-	-	-	2183	0.75	
Percent of Total	68.9%	68.3%	9.6%	12.8%	5.3%	14.6%	10.5%	2.8%	-	-	-	100%	100%	

\* Total Urban Land Use Average from Table 5