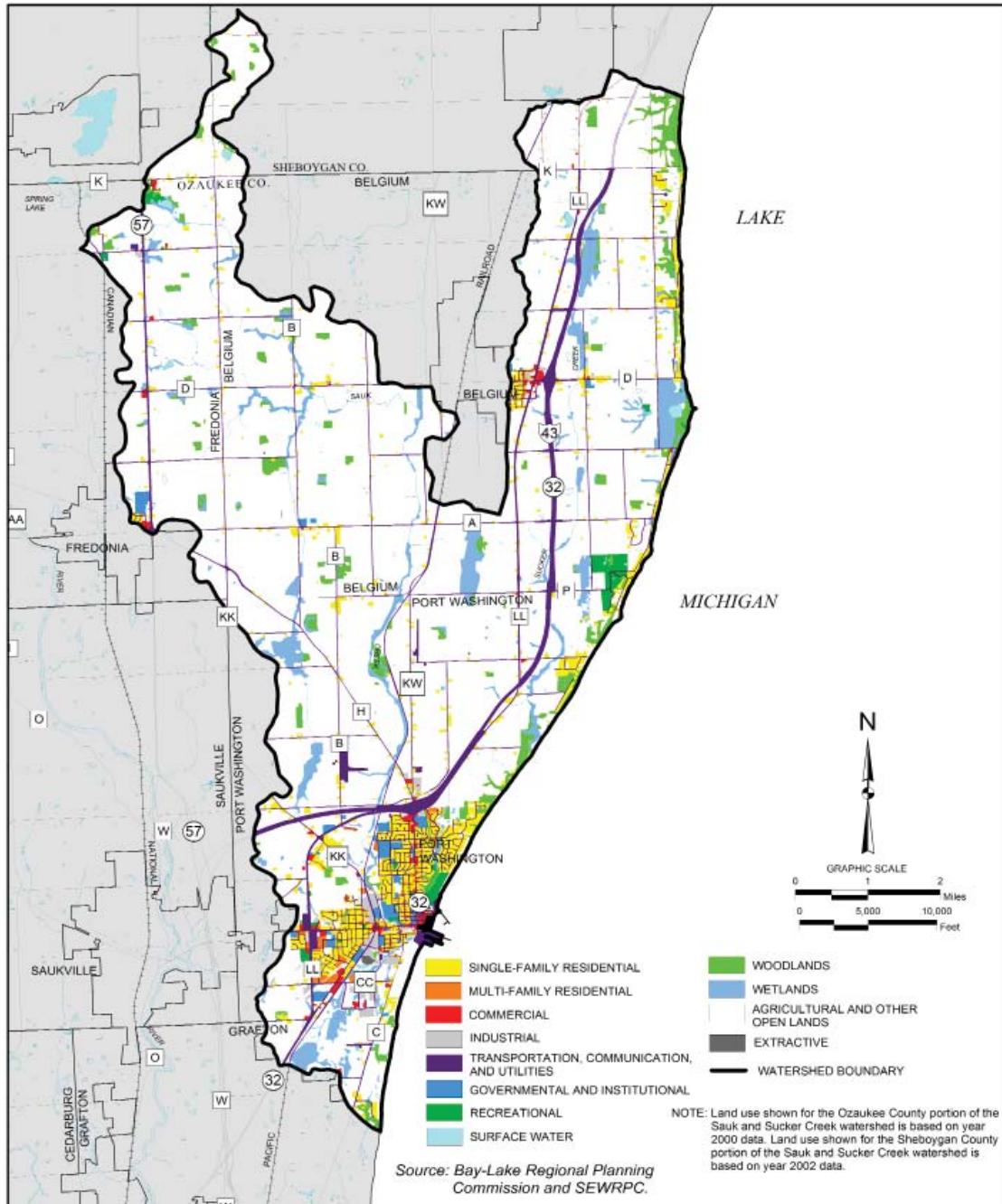
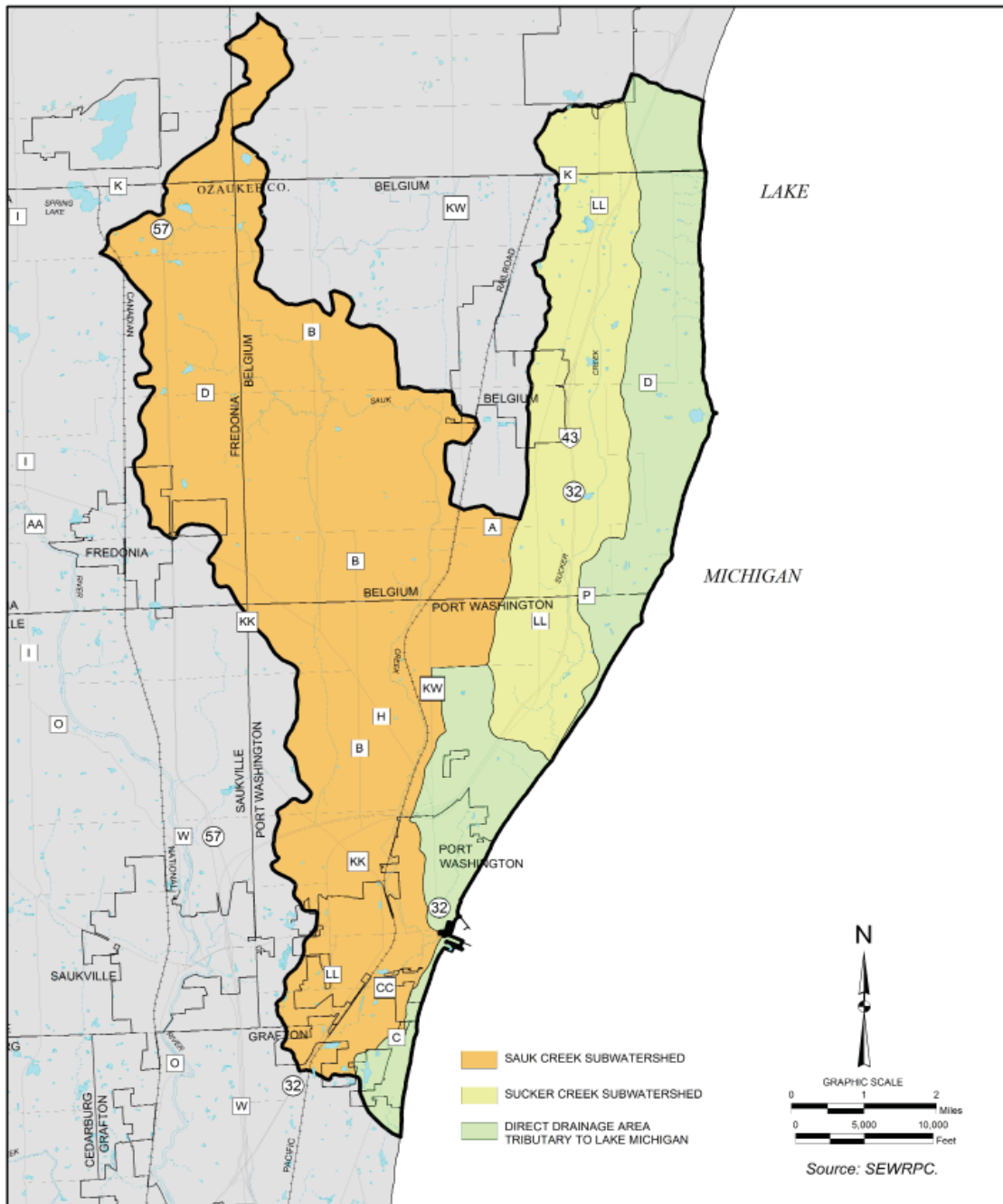


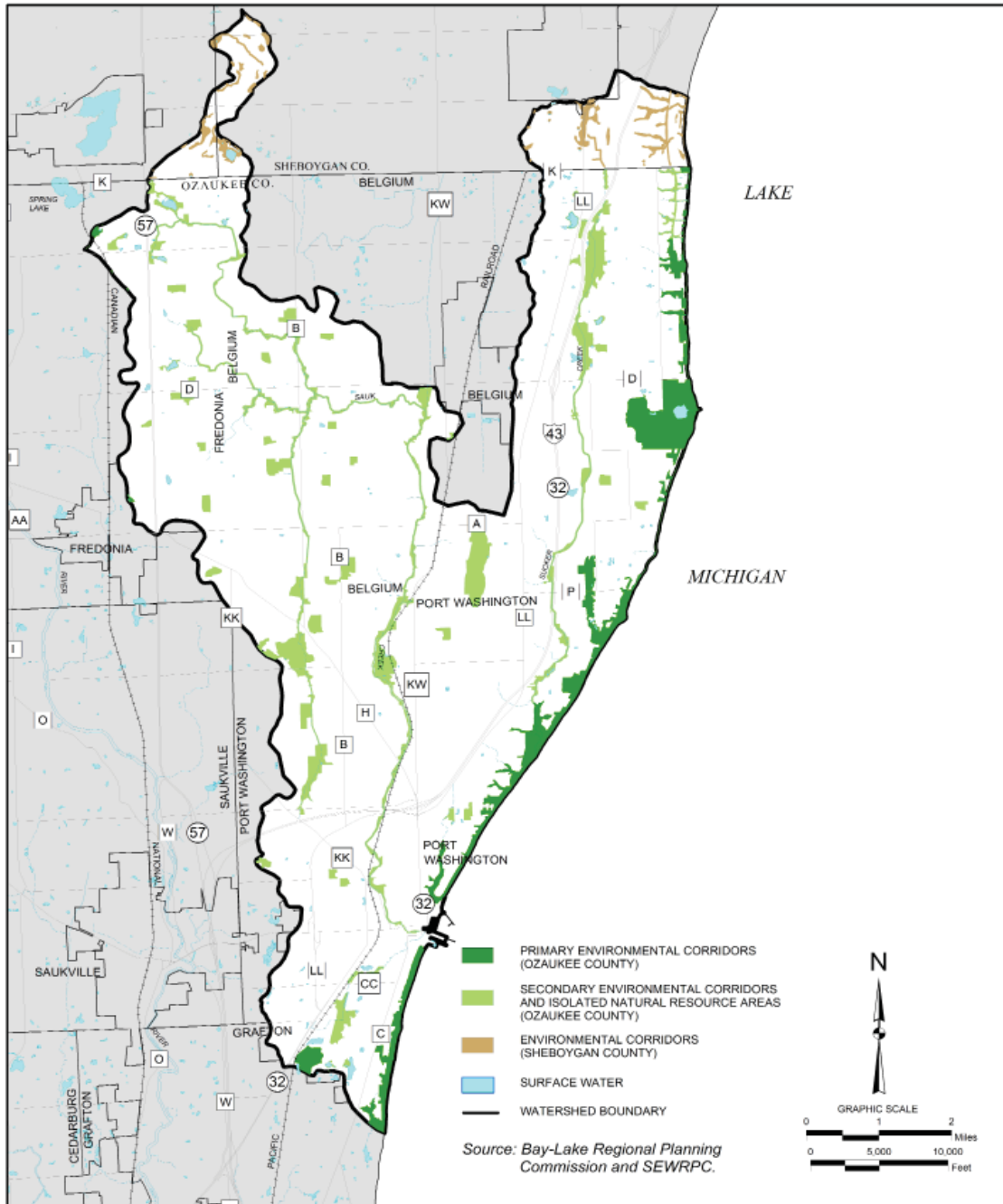
Map 2: Existing Land Use Within the Sauk and Sucker Creek Watershed



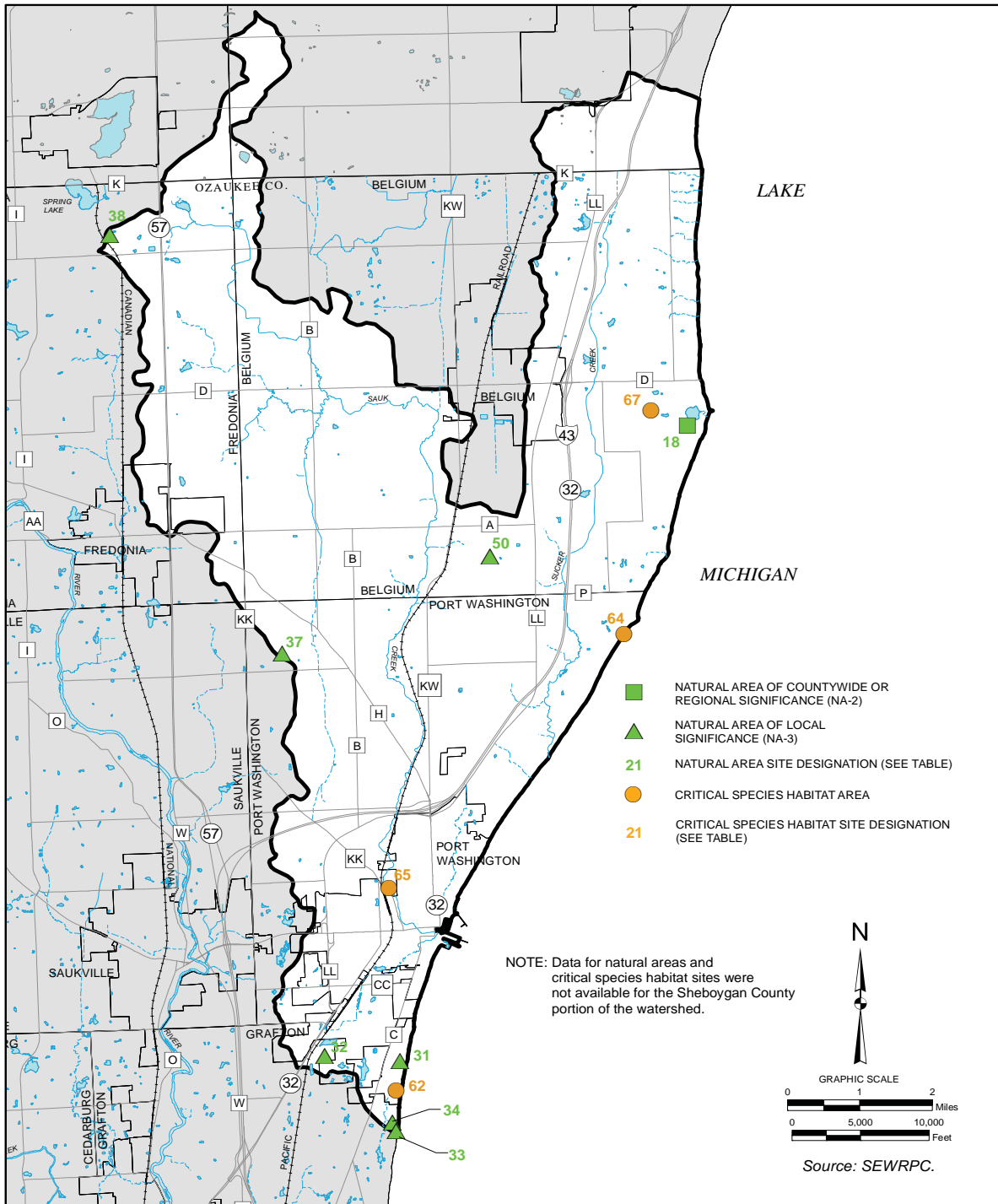
Map 3: Subwatersheds Within the Sauk and Sucker Creek Watershed



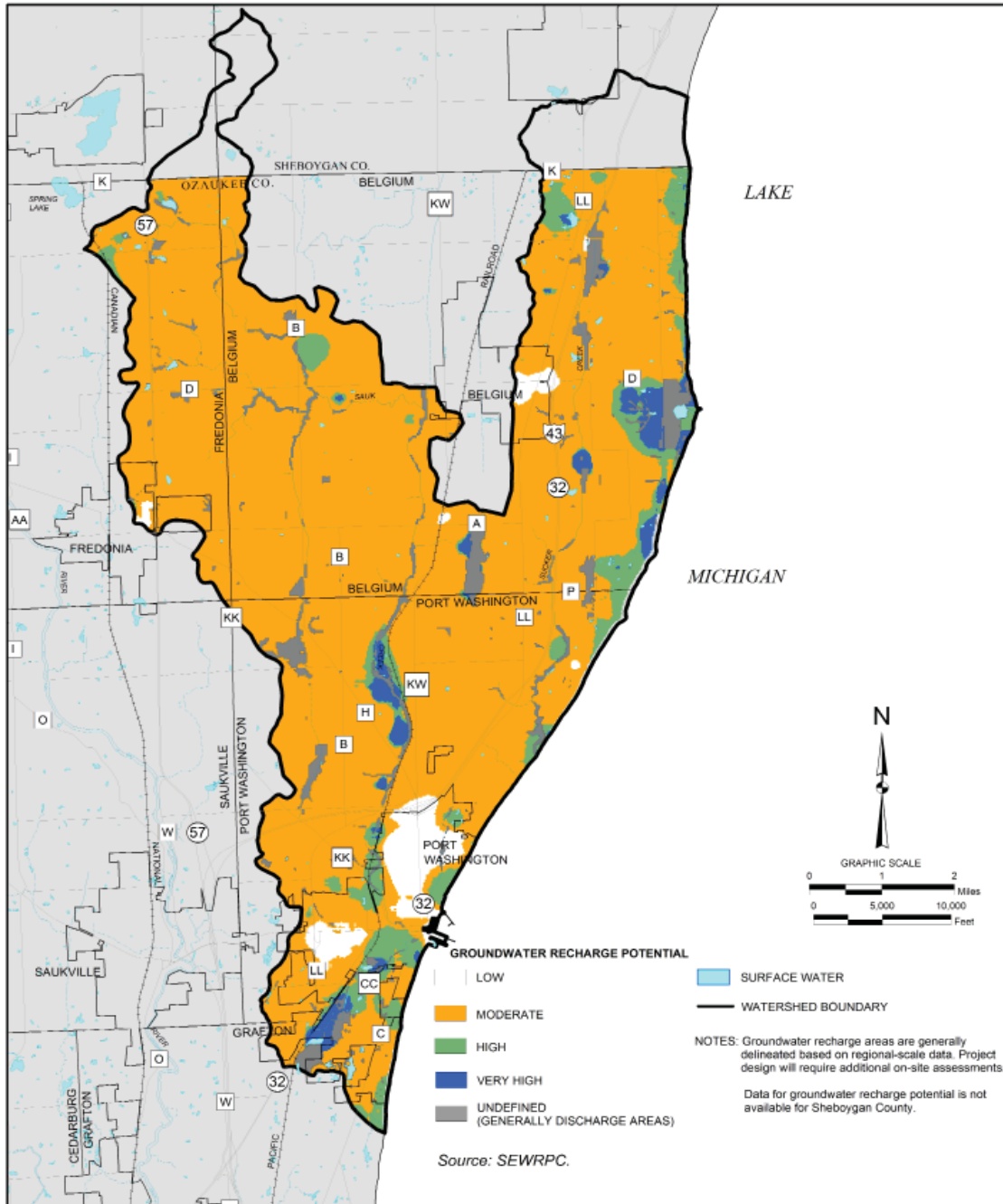
Map 5: Environmental Corridors Within the Sauk and Sucker Creek Watershed



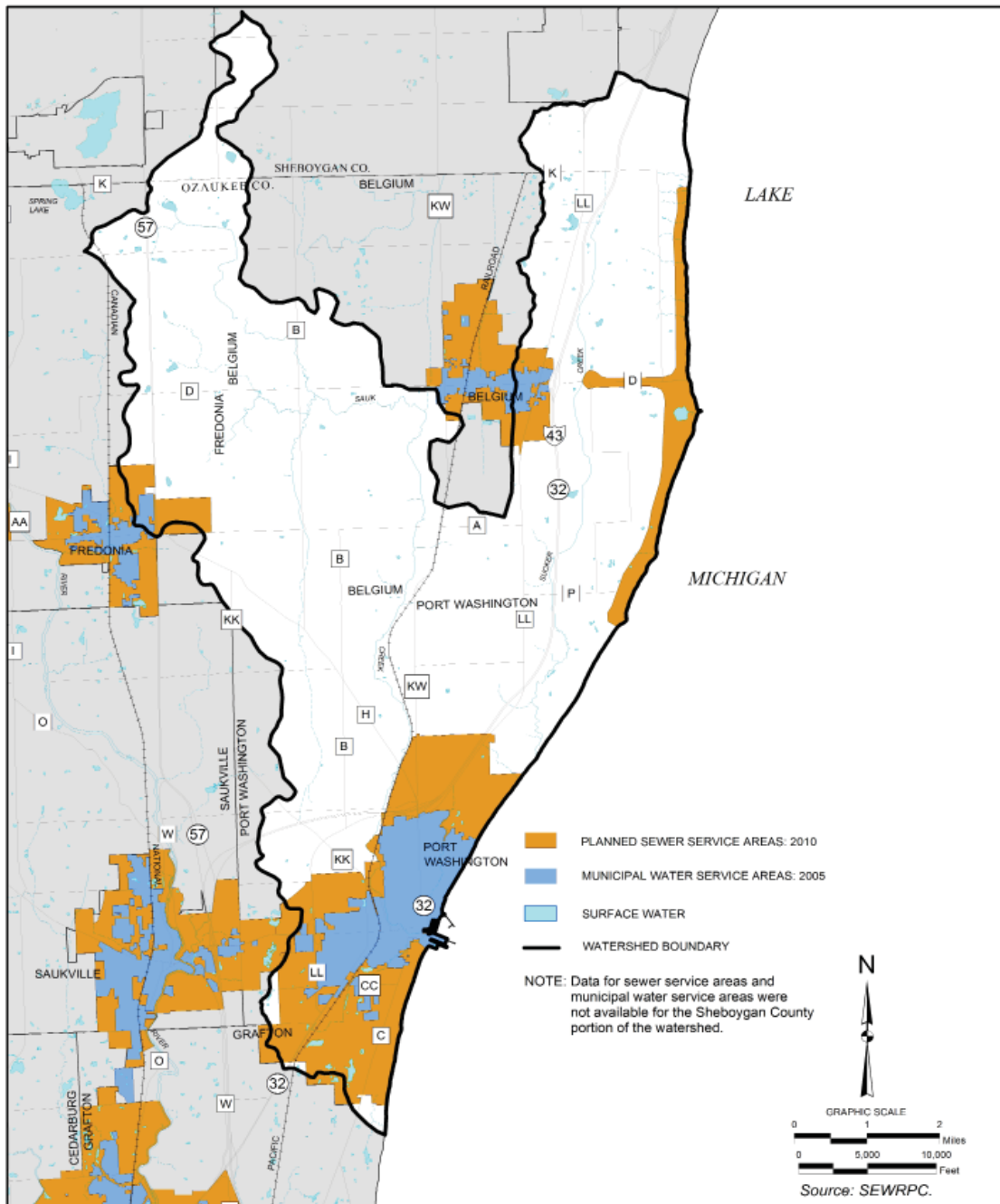
Map 6: Known Natural Areas and Critical Habitat Sites in Sauk and Sucker Creek Watershed 2010



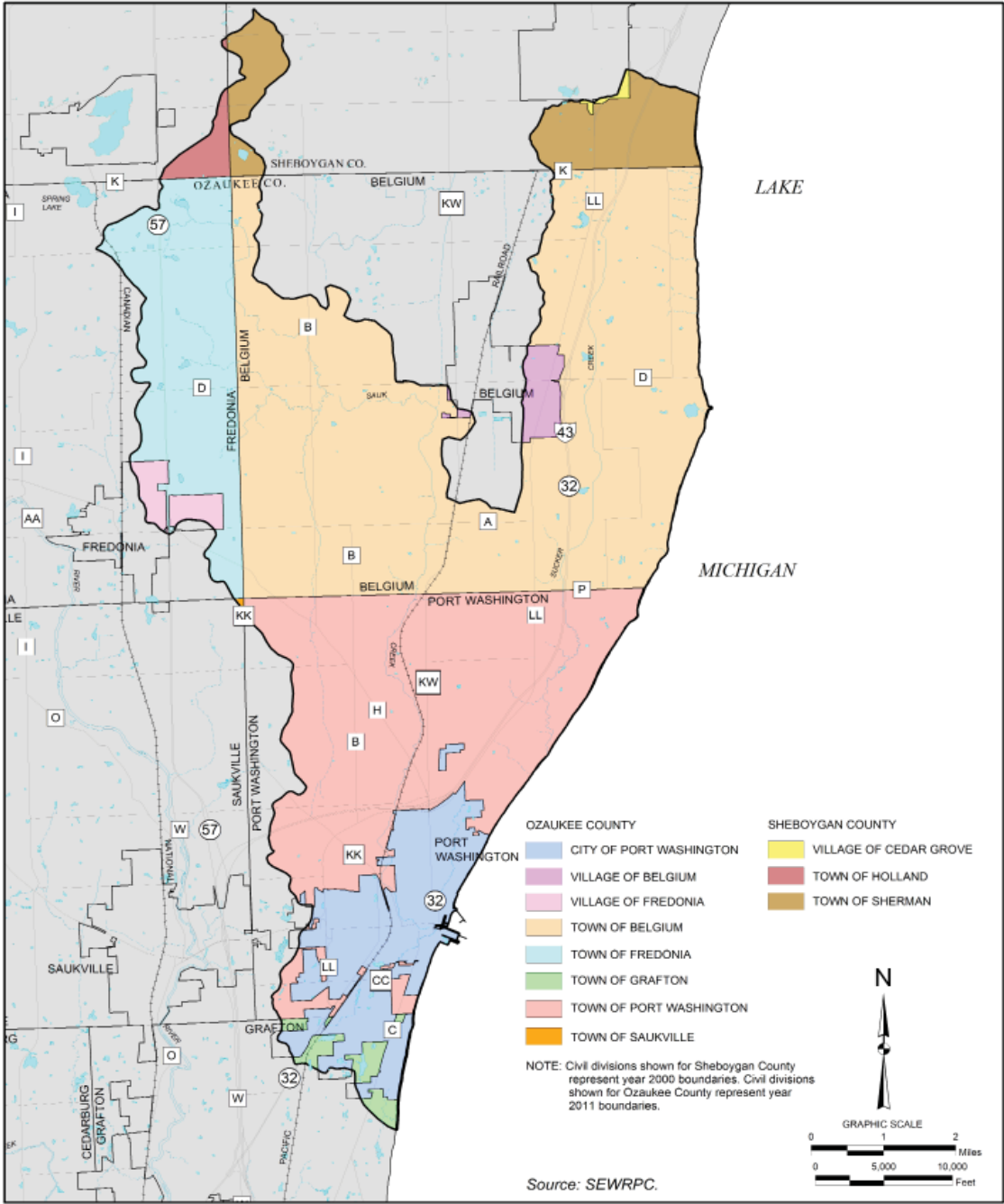
Map 7: Groundwater Recharge Potential Within the Sauk and Sucker Creek Watershed



Map 8: Planned Sewer Service Areas and Municipal Service Areas Within the Sauk and Sucker Creek Watershed



Map 9: Civil Divisions Within the Sauk and Sucker Creek Watershed



**Figure 3:
Phosphorus Results for Sauk and Sucker Creeks**

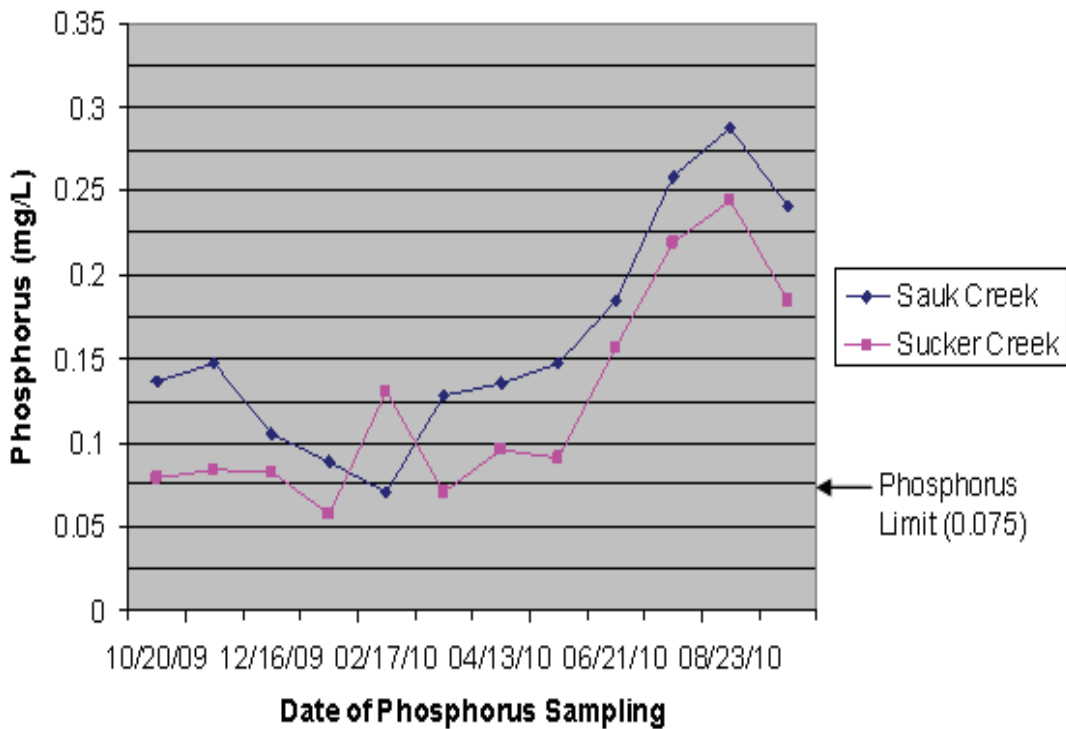


Table 7: Existing Land Use Within the Sauk and Sucker Creek Watershed

Subwatershed	Rural Land Use												Total Rural					
	Area			Woodlands			Wetlands			Surface Water			Agriculture and Other Open Lands			Acres	Percent of Subwatershed	Percent of Subwatershed
	Acres	Square Miles	Percent of Watershed	Acres	Percent of Subwatershed	Acres	Percent of Subwatershed	Acres	Percent of Subwatershed	Acres	Percent of Subwatershed	Acres	Percent of Subwatershed	Acres	Percent of Subwatershed			
Sauk Creek	22,256.21	34.78	59.47	455.88	2.05	1,096.97	4.93	46.89	0.21	18,053.79	81.12	19,653.54	88.21					
Sucker Creek	7,306.60	11.42	19.52	133.07	1.82	334.79	4.58	33.33	0.46	5,875.52	80.41	6,376.72	87.27					
Direct Drainage Area Tributary to Lake Michigan	7,859.06	12.28	21.01	559.08	7.11	345.83	4.40	35.76	0.46	5,265.42	67.00	6,206.08	78.97					
Total	37,421.87	58.47	100.00	1,148.03	3.07	1,777.59	4.75	115.98	0.31	29,194.73	78.01	32,236.34	86.14					

Subwatershed	Urban Land Use												Total Urban								
	Residential			Commercial			Industrial			Transportation, Communication, and Utilities			Governmental and Institutional			Recreational			Acres	Percent of Subwatershed	Percent of Subwatershed
	Acres	Percent of Subwatershed	Percent of Watershed	Acres	Percent of Subwatershed	Percent of Watershed	Acres	Percent of Subwatershed	Percent of Watershed	Acres	Percent of Subwatershed	Percent of Watershed	Acres	Percent of Subwatershed	Percent of Watershed	Acres	Percent of Subwatershed	Percent of Watershed			
Sauk Creek	968.50	4.35	87.78	0.39	180.74	0.81	4.96	206.17	0.93	55.25	0.25	2,602.67	11.69								
Sucker Creek	216.32	2.96	23.93	0.33	14.56	0.20	9.07	12.51	0.17	--	--	929.88	12.73								
Direct Drainage Area Tributary to Lake Michigan	824.20	10.49	39.98	0.51	24.48	0.31	6.67	31.04	0.39	209.14	2.66	1,652.98	21.03								
Total	2,009.02	5.37	151.69	0.41	219.78	0.59	6.12	249.72	0.67	264.39	0.71	5,185.53	13.86								

Source: SEWRPC.

Table 8: Known Natural Areas Within the Sauk and Sucker Creek Watershed

Reference Number on Map	Area Name	Classification Code ^a	Location	Ownership	Size (acres) ^b	Description and Comments
18	Harrington Beach Lacustrine Forest	NA-2	T12N, R23E Section 19 Town of Belgium	Department of Natural Resources	197	Moderate- to good-quality mature second-growth northern wetmesic forest, located just west of the shoreline beach ridge. Dominant trees include green and black ashes, basswood, and white cedar. This is a regionally rare community type, heavily used by migratory birds
31	Cedar Heights Gorge	NA-3	T10N, R22E Section 3 Town of Grafton	Private	9	Disturbed, narrow, steep-sided gorge leading to Lake Michigan. Almost complete dominance by white cedar
32	Ulao Lowland Forest	NA-3	T10N, R22E Sections 4, 5, 8, 9, 17 Town of Grafton	Private	342 (62 within Sauk and Sucker Creek watersheds)	A large lowland hardwoods area, dominated by red and silver maples and black ash. Adversely affected by changing water levels, selective cutting, and Dutch elm disease, which have opened the canopy. Marshy stands occur throughout
33	U.S. Fish and Wildlife Service Area	NA-3	T10N, R22E Sections 9, 10 Town of Grafton	U.S. Fish and Wildlife Service	67 (2 within Sauk and Sucker Creek watersheds)	Mix of flooded swamp, old field, clay banks, and young upland woods managed for waterfowl and wildlife. There is a relatively large population of the Regionally uncommon fringed gentian (<i>Gentianopsis crinita</i>)
34	Lions Den Gorge	NA-3	T10N, R22E Section 10 Town of Grafton	Ozaukee County, Ozaukee Washington Land Trust, and private; includes conservation easement	21 (15 within Sauk and Sucker Creek watersheds)	Deep ravine on Lake Michigan shore. Dominated by white cedar and hardwoods, with a relatively good-quality herb layer, including a few northern relicts
37	Hawthorne Drive Forest	NA-3	T11N, R22E Section 6 Town of Port Washington	Private	55 (5 within Sauk and Sucker Creek watersheds)	Wet-mesic red maple and American elm forest, with an upland forest of red oak, beech, and basswood to the south. Canopy has been opened by disease and logging
38	Spring Lake Beech Forest	NA-3	T12N, R21E Section 2 Town of Fredonia	Private	62 (8 within Sauk and Sucker Creek watersheds)	Small mesic hardwood forest dominated by small- to mediumsized beech, sugar maple, basswood, and white ash, with a long history of selective cutting
50	Belgium Swamp—South	NA-3	T12N, R22E Section 34 Town of Belgium	Private	148	Low, flat, wet forested area of black ash and silver and red maples, with some yellow birch and basswood. Old windfalls and dead standing trees are common. There is a history of disturbance, resulting in a very open and brushy appearance

^aNA-1 identifies natural area sites of statewide or greater significance
 NA-2 identifies natural area sites of countywide or regional significance
 NA-3 identifies natural area sites of local significance

^bThe first acreage listed is for the entire natural area. The number in parentheses is the acreage of the natural area that is within the Sauk and Sucker Creek watershed.

Source: SEWRPC.

Table 9: Critical Species Habitat Sites Within the Sauk and Sucker Creek Watershed

Reference Number on Map	Area Name	Location	Ownership	Size (acres)	Description and Comments
62	Port Washington Clay Banks	T10N, R22E Sections 3, 10 Town of Grafton	Private	35	Semi-wooded upland clay banks above Lake Michigan provide critical bird species habitat
64	Port Washington Beach Dunes	T11N, R22E Section 1 Town of Port Washington	Private	29	A stretch of beach and dunes containing several critical plant species restricted in Wisconsin to the Lake Michigan shore.
65	Sauk Creek Nature Preserve	T11N, R22E Section 29 Town of Port Washington	Ozaukee Washington Land Trust	13	Woodland bordering Sauk Creek containing a population of the State-designated threatened forked aster (<i>Aster furcatus</i>)
67	Harrington Beach Old Fields	T12N, R22E Section 24 Town of Belgium	Department of Natural Resources	395	Large artificial grassland area that provides nesting habitat for grassland breeding birds

Source: SEWRPC.