

shu_id	full_name	As_EPA3051	Cd_EPA3051	Cu_EPA3051	Cr_EPA3051	Mn_EPA3051	Pb_EPA3051	Zn_EPA3051	water_pH	A_E_Buffer_pH	OM_Water_LDI_pct	P_Mn_hh3	K_Mn_hh3	Cu_Mn_hh3	Mg_Mn_hh3	Mn_Mn_hh3	Zn_Mn_hh3	Cu_Mn_hh3	Fe_Mn_hh3	B_Mn_hh3	S_Mn_hh3	Nu_Mn_hh3	Al_Mn_hh3	Est_CEC	Base_Sat_pct	P_Sat_ppt	P_Sat_ppt	
B01	B01-Crocker Quad	< 3.0	0.26	12.77	13.54	8.83	10.89	33.71	6.8	7.25	3.4	47.4	156.87	159.07	169.07	36.89	2.48	2.21	220.75	15.42	18.2	472.32	9.3	35.7	21.4			
B02	B02-Wyman Dell	5.04	0.53	26.02	31.48	10.75	88.21	83.35	7.2	7.91	0.7	82.21	136.38	3062.75	276.56	43.55	16.45	8.64	258.86	1.5	11.79	17.34	371.99	18.7	96.1	38.9		
B03	B03-Shroy Run	6.39	0.68	40.64	56.91	27.12	125.29	160.54	6.8	7.77	0.7	32.98	187.83	1792.92	234.18	66.42	15.95	7.03	199.88	0.86	8.00	4.86	448.43	13.2	86	17.8		
B04	B04-Playground	4.87	0.35	23.78	25.53	11.98	43.73	71.66	6.8	7.77	0.2	15.15	184.81	1573.25	270.1	34.55	6.39	130	0.66	8.75	3.33	579.18	12.5	85.2	8.7			
B05	B05-NDMU Tennis Grove	7.77	0.46	26.51	30.12	12.53	120.36	95.55	6.5	7.7	5.6	20.8	148.15	1268.44	176.83	22.99	6.55	7.92	126.34	0.44	8.36	3.52	642.73	10.6	77.4	10.7		
B06	B06-NDMU Library Stream	4.85	0.3	29.8	25.12	13.3	96.79	100.28	6.8	7.83	4.5	13.15	105.27	1921.19	180.81	35.01	13.36	5.43	159.36	0.77	8.74	5.1	493.12	12.7	89.3	9.3		
B07	B07-Duval Hill Park Playground	27.3	0.61	21.47	21.74	8.85	53.78	75.08	6.4	7.75	5.4	38.85	68.75	1765.21	141.54	97	19.17	6.34	223.72	0.8	11.84	6.77	528.78	12.2	83.6	17.2		
B08	B08-Duval Hill Park Thicket	7.47	0.33	26.65	24.16	11.01	86.8	64.7	5.7	6.71	6.2	26.81	117.21	614.2	90.43	64.1	7.5	6.86	135.78	0.26	14.48	4.33	893.46	7.2	66.9	10.3		
B09	B09-Duval Hill Park Hiking Trail	26.66	0.46	38.04	50.11	21.58	69.97	108.65	6.1	7.62	6.8	7.48	183.55	2104.25	356.01	96.76	11.89	7.28	120.19	0.77	9.19	5.64	663.58	17	82.1	6.7		
B10	B10-Duval Hill Park Baseball Field	2.43	0.25	21.08	16.24	8.9	80.09	69.97	6.8	7.62	5.8	15.43	62.84	802.87	178.71	29.01	7.91	4.12	337.8	0.4	14.41	21.33	627.9	8.7	65.1	8.5		
B11	B11-Coyne's Grassland	< 3.0	1.06	42.85	60.06	24.51	118.74	206.39	6.9	7.92	6.3	25.88	100.88	2209	336.88	44.07	63.33	18.78	243.56	1.22	8.47	7.31	365.72	14.8	95.7	15.6		
B12	B12-Coyne's Glade	< 3.0	1.08	51.62	68.57	30.5	124.34	302.42	7.2	7.96	6.4	19.98	88.15	2992.05	243.62	40.13	95.19	22.9	291.97	2.02	10.44	8.46	338.2	17.5	98.2	13.2		
B13	B13-Coyne's Thicket	3.96	0.35	25.02	20.72	13.22	38.03	86.02	7	7.91	5.3	66.11	133.28	214.83	252.28	66.44	17.91	6.26	234.11	1.07	11.95	12.38	545.68	13.7	94.8	22.2		
B14	B14-Herring Run Slump	12.88	0.35	27.23	28.46	13.35	56.97	90.02	8.4	7.7	6.7	23.37	120.92	1744.72	196.82	37.77	7.42	6.96	149.24	0.63	11.94	9	565.88	13.1	81.6	12.1		
B15	B15-Herring Run Field	4.09	0.29	26.2	23.74	14.35	67.47	110.6	6.3	7.87	4.7	22.9	165.62	1029.4	206.05	30.58	7.78	5.4	154.14	0.39	8.65	3.41	610.94	9.9	73.5	11.5		
B16	B16-Herring Run Stream Bank	4.84	0.53	27.61	30.22	15.24	102.41	135.78	6.6	7.84	3.3	16.79	113.78	3115.62	265.74	33.41	19.56	8.84	143.84	0.67	6.97	2.72	596.8	9.9	87	19.5		
B17	B17-Herring Run Hillside Forest	< 3.0	< 0.2	51.21	58.15	31.56	29.24	84.54	6.2	8.02	6.7	11.6	269.55	1021.61	355.35	42.67	2.86	7.57	109.57	0.28	11.93	3.96	880.79	11.4	76.8	7.2		
B18	B18-Herring Run Footbridge	5.44	0.51	47.56	58.88	33.39	94.05	162.49	6.5	7.85	6.4	11.28	219.11	1302.45	497.11	91.08	10.03	8.88	119.04	0.94	7.6	4.82	504.36	12.1	90.7	8.7		
B19	B19-Herring Run Nonpoint	4.47	0.22	22.88	25.02	9.83	76.37	95.93	5.6	7.55	6.3	33.58	121.84	507.65	81.72	17.13	16.25	5.31	199.83	0.14	15.17	4.78	669.65	7.1	69.5	13.7		
B20	B20-Leakin Trailhead	< 3.0	< 0.2	77.57	32.21	22.53	33.98	59.02	6.6	7.95	3.7	3.56	71.51	1604.57	349.03	33.99	3.24	4.75	101.76	0.65	5.49	5.72	517.58	11.5	96.5	5.8		
B21	B21-Leakin Poplar	< 3.0	< 0.2	20.04	28.49	14.65	26.94	51.11	6	7.86	3.7	10.01	135.95	491.18	191.71	20.14	1.38	2.05	82.89	0.18	7.86	4.8	777.54	6.5	58.2	7.1		
B22	B22-Leakin Glen	< 3.0	< 0.2	77.7	27.48	23.15	23.6	44.66	6.5	7.88	4.4	3.48	73.15	1993.72	254.52	43.9	4.87	6.92	188.88	0.73	5.96	5.3	379.13	15.1	92.7	6.1		
B23	B23-Leakin Forest	3.92	< 0.2	21.44	29.98	19.14	50.04	63.8	5.5	7.25	5.9	7.88	106.32	191.61	86	10.01	2.73	3.43	181.41	0.14	11.04	3.72	516.25	7.9	24.5	6.1		
B24	B24-Leakin Nature Center	< 3.0	< 0.2	39.4	52.81	21.01	34.12	57.4	6.7	7.89	4	10.11	188.37	2138.35	272.19	56.38	6.22	5.19	158.76	0.89	6.33	5.69	483.16	14.3	93.9	8.4		
M01	M01-Rock Creek Park Neighborhood Planning Unit	3.24	< 0.2	37.78	25.96	28	19.39	44.01	6	7.88	6.1	6.87	99.84	1411.22	180.09	38.28	1.99	2.42	163.04	0.4	8.07	4.93	665.52	11.3	77.5	7.8		
M02	M02-Rock Creek Park Neighborhood Planning Unit	5.18	< 0.2	41.03	19.6	17.89	32.25	52.95	6	7.7	4	5.48	99.95	1541.87	136.56	184	2.9	2.26	120.83	0.83	7.82	2.87	581.5	11.5	79.1	6.3		
M03	M03-Rock Creek Park Neighborhood Planning Unit	3.13	0.34	57.91	26.9	93.58	61.89	101.24	6	7.86	6.8	16.91	116.43	1461.54	277.71	87.33	10.3	4.81	180.06	0.39	8.71	3.87	547.11	12.6	78.4	9.7		
M04	M04-Rock Creek Park Hill Trail	3.87	< 0.2	20.3	17.62	11.41	42.48	34.38	4.9	7.12	7.9	6.54	69.06	74.82	40.38	14.13	2.13	1.08	249.88	0.05	16.38	2.85	907.18	7.9	11.2	6.4		
M05	M05-Black Hill Valley Center	< 3.0	< 0.2	19.15	25.06	18.91	17.13	85.35	6.1	7.84	6.4	15.37	37.1	1889.32	168.38	42.12	2.84	3.24	126.65	0.2	22.28	4.04	978.59	5.1	22.1	6.4		
M06	M06-Black Hill Small Inland	6.34	< 0.2	14.93	11.56	9.21	54.58	44.61	6	7.23	9.3	10.46	235.73	391.73	102.02	96.85	1.36	6.76	135.75	0.27	13.77	3.23	656.62	9.6	35.7	8.6		
M07	M07-Black Hill Pavilion A	7.31	< 0.2	16.91	17.12	12.67	18.03	49.55	6.1	7.84	6.6	15.27	225.95	738.79	172.23	86.01	1.93	1.14	127.1	0.25	11.86	4.26	658.61	10.1	57.2	8.9		
M08	M08-Black Hill Tiny Meadow	11.1	0.21	16.03	13.46	10.77	35.93	49.54	6.1	7.5	5.9	18.51	144.33	881.63	96.04	96.78	1.73	0.91	95.28	0.35	14.13	3.19	894.97	8.5	53	8.6		
M09	M09-Black Hill Open Grass	5.42	< 0.2	15.08	14.17	6.87	53.71	31.7	5.6	7.86	7.8	23.43	156.22	298.76	62.4	47.46	2.18	1.51	217.01	0.12	16.86	3.55	908.8	7.5	31.6	9.3		
M10	M10-Ridge Road Pine Field	8.95	< 0.2	17.15	25.39	10.57	21.35	35.11	5.7	7.8	4.9	7.72	143.34	1882.18	158.42	95.89	1.38	1.75	144.92	0.29	7	6.64	622.95	10.3	68.9	6.8		
M11	M11-Ridge Road Lumpy Trail	7.14	< 0.2	14.87	11.24	7.61	67.32	29.02	5.3	7.5	10.6	9.7	49.57	141.25	36.49	45.89	2.87	0.59	237.65	0.02	22.28	4.04	978.59	5.1	22.1	6.4		
M12	M12-Ridge Road Tennis Court	9.71	< 0.2	18.08	31.04	11.7	23.24	48.97	5.8	7.79	5.5	10.2	169.81	1558.23	154.54	73.71	3.4	3.79	127.36	0.47	7.31	2.86	523.3	9.7	82.7	8.1		
M13	M13-Goshen Stream Dam Valley	3.11	0.88	21.29	27.45	22.51	24.65	68.19	5.6	7.81	4.6	8.3	63.77	1368.44	164.01	122.3	4.03	2.88	181.59	0.52	6.67	4.87	480.73	9.7	84.3	7.8		
M14	M14-Goshen Stream Glade	4.79	0.98	22.93	21.74	19.02	22.35	64.65	5	7.98	5.6	12.44	69.91	671.32	110.3	55.16	3.86	2.19	172.14	0.18	8.6	4.46	639.72	8	56	6.1		
M15	M15-Goshen Stream Sensitive Thicket	< 3.0	0.9	20.79	19.15	16.04	21.55	54.52	6.4	7.83	3.8	47.19	272.9	1405.53	110.35	39.61	1.9	137.61	0.59	10.35	4.14	830.94	10	86.4	18.6			
M16	M16-Goshen Stream Farm Gulley	< 3.0	0.91	18.77	28.02	20.83	35.81	64.66	4.7	7.1	11.5	11.69	64.96	115.16	60.42	9.26	2.49	1.68	373.66	0.03	18.83	3.57	893.95	8.4	14.8	6.8		
M17	M17-Goshen Stream Wet Grass	< 3.0	1.19	33.91	32.39	51	53.13	99.07	5.5	7.7	6.5	25.67	193.93	1605.62	216.78	42.32	14.6	4.34	184.51	0.82	9.61	4.71	455.44	12.7	81.1	14.3		
M18	M18-Goshen Hill Archival Tree	3.63	1.08	16.03	22.07	12.11	59.15	119.85	5.2	7.8	4.9	152.04	192.86	799.26	106.83	24.27	11.92	1.92	307.82	0.18	10.27	3	487.28	8.6	62.7	42.2		
M19	M19-Farm Park Wet Field	4.89	1.1	50.65	42.34	22.88	60.75	136.88	5.7	7.64	6	132.46	128.51	1259.5	152.73	21.95	22.7	8.69	308.55	0.27	11.08	8	588.81	10.8	73.4	41.9		
M20	M20-Farm Park Stream Side	4.49	0.6	57.32	53.43	18.84	65.61	71.66	5	7.32	6	185.26	65.04	564.29	76.92	19.84	7.14	7.18	510.09	0.03	12.47	7.13	729.9	8.8	38	44.1		
M21	M21-Farm Park Farmhouse	3.49	0.27	26.42	30.52	17.31	30.42	77.64	5.3	7.89	6.6	27.92	183.39	756.42														

