# Appendix F: Coastal Outfalls and Storm Drain Networks Impacted by High Tides

Outfalls below the 2050 average high tide elevation of 2.4 feet NAVD.

| Outfall ID | Height (in) | Width (in) | Owner | Installation Date | Elevation from Digital Elevation Model | Latitude | Longitude |
|---|---|---|---|---|---|---|---|
| DOF000371 | 19 | 30 | COUNTY | 1/1/2006 | -0.58 | 39.24616 | -76.4456 |
| DOF002656 | 15 | 0 | COUNTY | 1/1/1964 | -0.58 | 39.26223 | -76.4788 |
| DOF013334 | 21 | 21 | COUNTY | 1/1/2003 | -0.58 | 39.24585 | -76.4398 |
| DOF012748 | 18 | 0 | UNKNOWN | <Null> | -0.58 | 39.24334 | -76.4443 |
| DOF003325 | 18 | 0 | UNKNOWN | <Null> | -0.58 | 39.26224 | -76.4709 |
| DOF003334 | 18 | 0 | UNKNOWN | <Null> | -0.58 | 39.25856 | -76.481 |
| DOF011168 | 30 | 0 | | <Null> | -0.58 | 39.32147 | -76.4267 |
| DOF008518 | 12 | 12 | COUNTY | 1/1/2011 | -0.58 | 39.22867 | -76.4002 |
| DOF008668 | 14 | 23 | COUNTY | 1/1/2008 | -0.58 | 39.32423 | -76.4412 |
| DOF009336 | 15 | 0 | COUNTY | <Null> | -0.58 | 39.2541 | -76.4048 |
| DOF010574 | 18 | 18 | COUNTY | 1/1/2016 | -0.58 | 39.25838 | -76.4805 |
| DOF013337 | 18 | 18 | COUNTY | 1/1/2003 | -0.58 | 39.24531 | -76.4404 |
| DOF001027 | 24 | 38 | COUNTY | 1/1/1994 | -0.39 | 39.24208 | -76.4438 |
| DOF010575 | 18 | 18 | COUNTY | 1/1/1996 | -0.39 | 39.24711 | -76.442 |
| DOF013335 | 21 | 21 | COUNTY | 1/1/2003 | -0.34 | 39.24465 | -76.4414 |
| DOF013009 | 18 | 0 | | <Null> | -0.33 | 39.29209 | -76.3991 |
| DOF010573 | 18 | 18 | COUNTY | 1/1/2011 | -0.30 | 39.30895 | -76.3802 |
| DOF011952 | 18 | 0 | COUNTY | 1/1/1982 | -0.19 | 39.28935 | -76.41 |
| DOF013279 | 22 | 36 | | <Null> | -0.15 | 39.31634 | -76.4293 |
| DOF013011 | 15 | 0 | | <Null> | -0.13 | 39.30302 | -76.4103 |
| DOF003330 | 24 | 0 | UNKNOWN | <Null> | -0.13 | 39.25964 | -76.4832 |
| DOF009410 | 24 | 0 | COUNTY | 1/1/2013 | -0.11 | 39.30037 | -76.4132 |
| DOF013102 | 19 | 30 | UNKNOWN | <Null> | 0.02 | 39.21596 | -76.4411 |
| DOF011858 | 30 | 0 | UNKNOWN | <Null> | 0.13 | 39.37403 | -76.3417 |
| DOF010006 | 24 | 24 | COUNTY | <Null> | 0.17 | 39.28281 | -76.4035 |
| DOF000580 | 18 | 18 | COUNTY | 1/1/1976 | 0.25 | 39.25924 | -76.4736 |
| DOF012745 | 27 | 43 | UNKNOWN | <Null> | 0.26 | 39.24531 | -76.447 |
| DOF012354 | 24 | 35 | COUNTY | 1/1/1975 | 0.27 | 39.37129 | -76.3417 |
| DOF002683 | 42 | 42 | COUNTY | 1/1/1963 | 0.34 | 39.29998 | -76.4521 |
| DOF011983 | 24 | 0 | | <Null> | 0.49 | 39.25662 | -76.4915 |
| DOF013008 | 21 | 0 | | <Null> | 0.51 | 39.2839 | -76.4141 |
| DOF012083 | 14 | 23 | COUNTY | 1/1/1982 | 0.58 | 39.25265 | -76.4916 |
| DOF013818 | 15 | 15 | COUNTY | <Null> | 0.70 | 39.28219 | -76.4025 |

| Outfall ID | Height (in) | Width (in) | Owner | Installation Date | Elevation from Digital Elevation Model | Latitude | Longitude |
|---|---|---|---|---|---|---|---|
| DOF002792 | 48 | 76 | COUNTY | 1/1/1997 | 0.76 | 39.25435 | -76.4488 |
| DOF010577 | 15 | 15 | COUNTY | 1/1/2004 | 0.85 | 39.3085 | -76.4113 |
| DOF012248 | 24 | 0 | COUNTY | 1/1/1952 | 0.91 | 39.32229 | -76.4389 |
| DOF013336 | 27 | 27 | COUNTY | 1/1/2003 | 0.97 | 39.24408 | -76.4425 |
| DOF012878 | 27 | 0 | UNKNOWN | <Null> | 0.99 | 39.37524 | -76.3508 |
| DOF009328 | 12 | 0 | COUNTY | <Null> | 1.05 | 39.30382 | -76.4108 |
| DOF009028 | 18 | 18 | COUNTY | <Null> | 1.05 | 39.28223 | -76.416 |
| DOF009514 | 15 | 15 | COUNTY | 1/1/2015 | 1.21 | 39.32127 | -76.3854 |
| DOF003962 | 8 | 8 | COUNTY | 1/1/1994 | 1.23 | 39.2243 | -76.4455 |
| DOF002146 | 60 | 60 | COUNTY | 1/1/1982 | 1.24 | 39.37578 | -76.3582 |
| DOF013130 | 21 | 0 | | <Null> | 1.25 | 39.30442 | -76.4644 |
| DOF011160 | 0 | 0 | | <Null> | 1.33 | 39.33541 | -76.4106 |
| DOF012058 | 24 | 0 | COUNTY | 1/1/1956 | 1.35 | 39.27295 | -76.4812 |
| DOF010019 | 18 | 18 | COUNTY | <Null> | 1.38 | 39.30478 | -76.4322 |
| DOF009904 | 12 | 12 | | <Null> | 1.46 | 39.23053 | -76.4096 |
| DOF013731 | 12 | 12 | COUNTY | <Null> | 1.46 | 39.23053 | -76.4096 |
| DOF006004 | 19 | 30 | UNKNOWN | <Null> | 1.48 | 39.25885 | -76.4937 |
| DOF012099 | 38 | 60 | COUNTY | 1/1/1955 | 1.51 | 39.26536 | -76.4747 |
| DOF000835 | 0 | 0 | COUNTY | 1/1/1970 | 1.62 | 39.26098 | -76.4723 |
| DOF008478 | 21 | 21 | COUNTY | 1/1/2012 | 1.65 | 39.25565 | -76.4954 |
| DOF013276 | 21 | 0 | | <Null> | 1.65 | 39.31235 | -76.4275 |
| DOF008572 | 10 | 10 | COUNTY | 1/1/2009 | 1.68 | 39.23761 | -76.4008 |
| DOF009907 | 12 | 12 | | <Null> | 1.71 | 39.2323 | -76.4051 |
| DOF013735 | 12 | 0 | COUNTY | <Null> | 1.71 | 39.2323 | -76.4051 |
| DOF013306 | 34 | 0 | COUNTY | 1/1/1992 | 1.71 | 39.32163 | -76.3913 |
| DOF007697 | 6 | 6 | COUNTY | <Null> | 1.73 | 39.38436 | -76.3996 |
| DOF008989 | 24 | 24 | COUNTY | <Null> | 1.82 | 39.25596 | -76.4193 |
| DOF013104 | 15 | 0 | COUNTY | <Null> | 1.82 | 39.22488 | -76.444 |
| DOF008077 | 21 | 21 | COUNTY | <Null> | 1.85 | 39.3041 | -76.3798 |
| DOF008082 | 24 | 24 | COUNTY | <Null> | 1.87 | 39.29882 | -76.3799 |
| DOF012750 | 66 | 0 | UNKNOWN | <Null> | 1.88 | 39.26466 | -76.4831 |
| DOF012975 | 27 | 0 | COUNTY | 1/1/2007 | 1.91 | 39.32459 | -76.4392 |
| DOF009668 | 12 | 12 | | <Null> | 1.92 | 39.2317 | -76.4062 |
| DOF013721 | 12 | 12 | COUNTY | <Null> | 1.92 | 39.2317 | -76.4062 |
| DOF000194 | 0 | 0 | COUNTY | 1/1/1965 | 1.93 | 39.32795 | -76.3904 |
| DOF012235 | 18 | 29 | COUNTY | 1/1/1968 | 1.95 | 39.31646 | -76.4312 |
| DOF009905 | 10 | 10 | | <Null> | 1.99 | 39.23136 | -76.4075 |
| DOF013732 | 10 | 10 | COUNTY | <Null> | 1.99 | 39.23136 | -76.4075 |
| DOF012082 | 19 | 30 | COUNTY | 1/1/1985 | 1.99 | 39.26526 | -76.4766 |

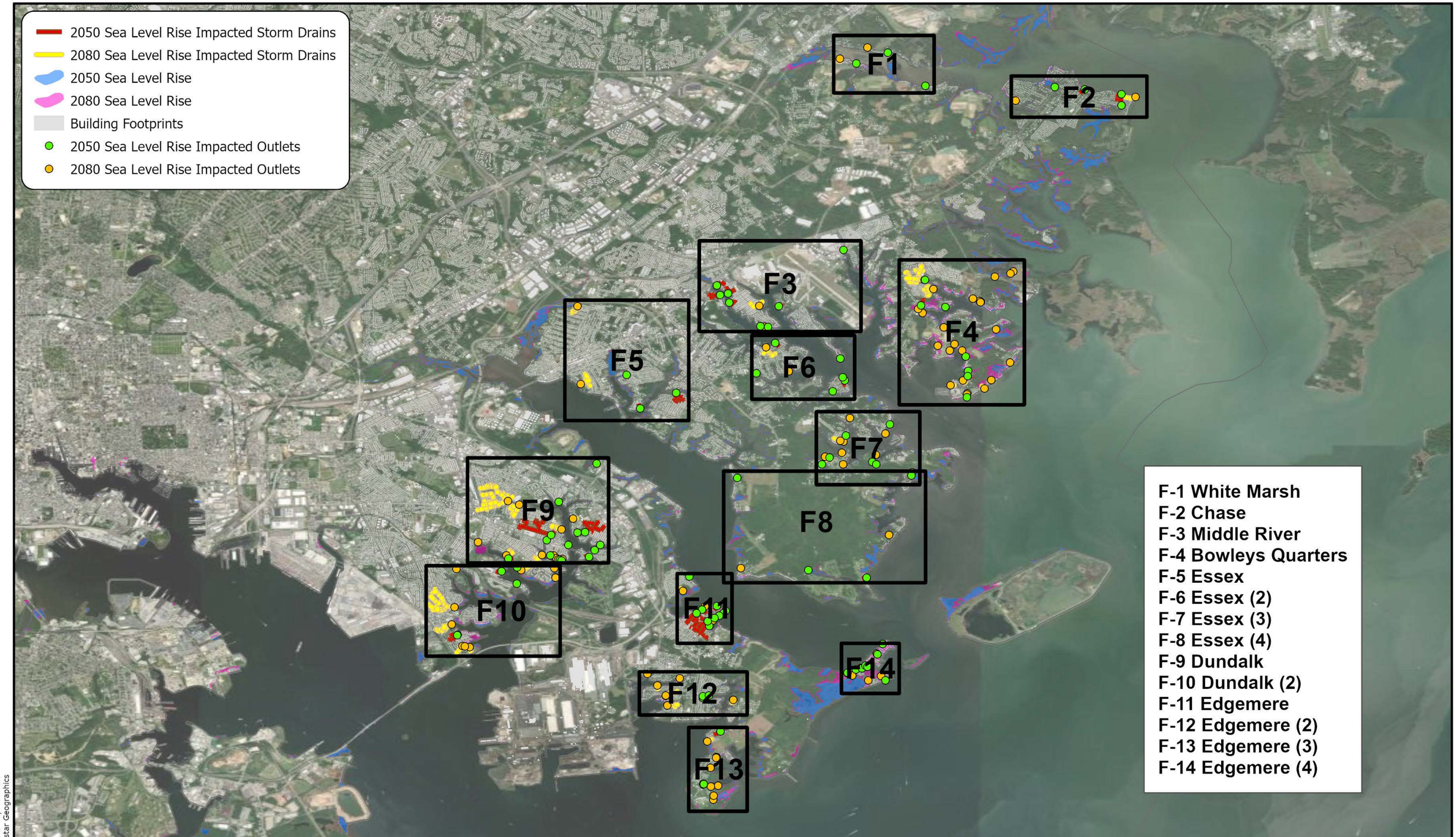
| Outfall ID | Height (in) | Width (in) | Owner | Installation Date | Elevation from Digital Elevation Model | Latitude | Longitude |
|---|---|---|---|---|---|---|---|
| DOF003963 | 12 | 12 | COUNTY | 1/1/1994 | 2.01 | 39.22465 | -76.4455 |
| DOF003018 | 18 | 18 | COUNTY | 1/1/1979 | 2.01 | 39.20294 | -76.4453 |
| DOF012855 | 0 | 0 | | <Null> | 2.07 | 39.23984 | -76.5063 |
| DOF009670 | 12 | 12 | | <Null> | 2.08 | 39.2322 | -76.4049 |
| DOF013729 | 12 | 0 | COUNTY | <Null> | 2.08 | 39.2322 | -76.4049 |
| DOF010015 | 14 | 14 | COUNTY | <Null> | 2.08 | 39.27948 | -76.3938 |
| DOF012113 | 15 | 0 | COUNTY | 1/1/1960 | 2.12 | 39.26345 | -76.4842 |
| DOF013734 | 12 | 0 | COUNTY | <Null> | 2.12 | 39.23166 | -76.4061 |
| DOF009669 | 12 | 12 | | <Null> | 2.12 | 39.23166 | -76.4061 |
| DOF006523 | 24 | 24 | COUNTY | <Null> | 2.17 | 39.30541 | -76.3797 |
| DOF007868 | 21 | 21 | COUNTY | <Null> | 2.22 | 39.28388 | -76.4141 |
| DOF009908 | 12 | 12 | | <Null> | 2.22 | 39.23506 | -76.4022 |
| DOF013737 | 12 | 12 | COUNTY | <Null> | 2.22 | 39.23506 | -76.4022 |
| DOF012092 | 18 | 0 | COUNTY | 1/1/1966 | 2.24 | 39.2961 | -76.461 |
| DOF007974 | 24 | 0 | COUNTY | <Null> | 2.27 | 39.27887 | -76.4369 |
| DOF007667 | 15 | 15 | COUNTY | <Null> | 2.27 | 39.38165 | -76.4074 |
| DOF012067 | 30 | 48 | | <Null> | 2.27 | 39.28242 | -76.4718 |
| DOF009737 | 12 | 12 | COUNTY | <Null> | 2.27 | 39.23198 | -76.4046 |
| DOF013068 | 33 | 0 | COUNTY | 1/1/1951 | 2.31 | 39.32659 | -76.442 |
| DOF009666 | 12 | 12 | | <Null> | 2.33 | 39.23045 | -76.4096 |
| DOF013726 | 12 | 12 | COUNTY | <Null> | 2.33 | 39.23045 | -76.4096 |
| DOF007636 | 24 | 24 | COUNTY | <Null> | 2.36 | 39.37608 | -76.3903 |
| DOF009906 | 12 | 12 | | <Null> | 2.39 | 39.23204 | -76.4046 |
| DOF013736 | 12 | 0 | COUNTY | <Null> | 2.39 | 39.23204 | -76.4046 |

Outfalls below the 2080 average high tide elevation of 3.4 feet NAVD.

| Outfall ID | Height (in) | Width (in) | Owner | Installation Date | Elevation from Digital Elevation Model | Latitude | Longitude |
|---|---|---|---|---|---|---|---|
| DOF002277 | 18 | 18 | COUNTY | 1/1/1997 | 2.40 | 39.293716 | -76.409 |
| DOF012107 | 24 | 0 | COUNTY | 1/1/1958 | 2.42 | 39.266065 | -76.4805 |
| DOF000020 | 24 | 35 | COUNTY | 1/1/1979 | 2.42 | 39.202261 | -76.4435 |
| DOF008083 | 18 | 18 | COUNTY | <Null> | 2.42 | 39.301016 | -76.3756 |
| DOF009673 | 24 | 24 | | <Null> | 2.44 | 39.209408 | -76.4422 |
| DOF009801 | 24 | 24 | COUNTY | <Null> | 2.44 | 39.209408 | -76.4422 |
| DOF013278 | 16 | 25 | | <Null> | 2.45 | 39.316395 | -76.4302 |
| DOF002833 | 58 | 91 | COUNTY | 1/1/1980 | 2.45 | 39.256296 | -76.5066 |
| DOF002993 | 24 | 35 | COUNTY | 1/1/1979 | 2.47 | 39.199976 | -76.4428 |
| DOF008089 | 0 | 0 | COUNTY | <Null> | 2.47 | 39.310448 | -76.3843 |
| DOF000246 | 18 | 18 | COUNTY | 1/1/1979 | 2.48 | 39.202753 | -76.4454 |
| DOF000189 | 0 | 0 | COUNTY | 1/1/1965 | 2.49 | 39.328012 | -76.3905 |
| DOF008153 | 12 | 12 | COUNTY | <Null> | 2.50 | 39.307443 | -76.3693 |
| DOF012066 | 30 | 48 | | <Null> | 2.50 | 39.282423 | -76.4718 |
| DOF009671 | 12 | 12 | | <Null> | 2.52 | 39.23523 | -76.4024 |
| DOF013720 | 12 | 0 | COUNTY | <Null> | 2.52 | 39.23523 | -76.4024 |
| DOF003332 | 15 | 15 | UNKNOWN | <Null> | 2.52 | 39.258905 | -76.4818 |
| DOF010159 | 12 | 12 | COUNTY | <Null> | 2.53 | 39.264659 | -76.3993 |
| DOF007929 | 12 | 12 | COUNTY | <Null> | 2.53 | 39.279463 | -76.3937 |
| DOF002134 | 15 | 15 | COUNTY | 1/1/1987 | 2.58 | 39.372456 | -76.3679 |
| DOF013529 | 12 | 12 | COUNTY | <Null> | 2.58 | 39.2302 | -76.4592 |
| DOF013725 | 18 | 0 | COUNTY | <Null> | 2.62 | 39.209594 | -76.4421 |
| DOF009909 | 18 | 18 | | <Null> | 2.62 | 39.209594 | -76.4421 |
| DOF008085 | 24 | 36 | COUNTY | <Null> | 2.65 | 39.303019 | -76.381 |
| DOF007822 | 28 | 44 | COUNTY | <Null> | 2.66 | 39.328785 | -76.3731 |
| DOF008084 | 18 | 18 | COUNTY | <Null> | 2.69 | 39.301846 | -76.384 |
| DOF001031 | 15 | 15 | COUNTY | 1/1/1988 | 2.69 | 39.224818 | -76.4547 |
| DOF012755 | 22 | 43 | UNKNOWN | <Null> | 2.70 | 39.259673 | -76.4941 |
| DOF012752 | 18 | 0 | UNKNOWN | <Null> | 2.71 | 39.259632 | -76.4825 |
| DOF003333 | 18 | 0 | UNKNOWN | <Null> | 2.72 | 39.258696 | -76.4813 |
| DOF000197 | 15 | 15 | COUNTY | 1/1/1942 | 2.72 | 39.237193 | -76.5051 |
| DOF009738 | 12 | 12 | COUNTY | <Null> | 2.73 | 39.229749 | -76.4012 |
| DOF000175 | 15 | 15 | COUNTY | 1/1/1996 | 2.73 | 39.213504 | -76.4444 |
| DOF012747 | 18 | 29 | UNKNOWN | <Null> | 2.74 | 39.246983 | -76.445 |
| DOF011954 | 21 | 0 | COUNTY | 1/1/1982 | 2.77 | 39.288034 | -76.4113 |
| DOF006617 | 21 | 21 | COUNTY | <Null> | 2.77 | 39.283937 | -76.414 |
| DOF008088 | 12 | 12 | COUNTY | <Null> | 2.80 | 39.310456 | -76.3811 |

| Outfall ID | Height (in) | Width (in) | Owner | Installation Date | Elevation from Digital Elevation Model | Latitude | Longitude |
|---|---|---|---|---|---|---|---|
| DOF002998 | 15 | 15 | COUNTY | 1/1/1980 | 2.81 | 39.203032 | -76.4453 |
| DOF001032 | 29 | 45 | COUNTY | 1/1/1996 | 2.86 | 39.224924 | -76.4547 |
| DOF013764 | 12 | 12 | COUNTY | <Null> | 2.87 | 39.322466 | -76.3766 |
| DOF002888 | 18 | 18 | COUNTY | 1/1/1942 | 2.87 | 39.237012 | -76.5044 |
| DOF001030 | 18 | 18 | COUNTY | 1/1/1979 | 2.88 | 39.223746 | -76.438 |
| DOF000277 | 24 | 35 | COUNTY | 1/1/1979 | 2.90 | 39.199032 | -76.4429 |
| DOF009398 | 15 | 0 | COUNTY | 1/1/2013 | 2.92 | 39.305253 | -76.4242 |
| DOF000496 | 29 | 45 | COUNTY | 1/1/1990 | 2.93 | 39.325702 | -76.3884 |
| DOF007965 | 12 | 12 | COUNTY | <Null> | 2.94 | 39.256438 | -76.436 |
| DOF002997 | 18 | 24 | COUNTY | 1/1/1980 | 2.95 | 39.203038 | -76.4453 |
| DOF008080 | 12 | 12 | COUNTY | <Null> | 2.96 | 39.299807 | -76.3799 |
| DOF003337 | 15 | 0 | UNKNOWN | <Null> | 2.98 | 39.268716 | -76.4777 |
| DOF000196 | 15 | 15 | COUNTY | 1/1/1942 | 2.98 | 39.236854 | -76.5033 |
| DOF000654 | 36 | 36 | COUNTY | 1/1/1955 | 2.99 | 39.255989 | -76.4905 |
| DOF008081 | 18 | 18 | COUNTY | <Null> | 3.01 | 39.299548 | -76.38 |
| DOF013277 | 29 | 42 | | <Null> | 3.03 | 39.311204 | -76.4298 |
| DOF012210 | 22 | 36 | COUNTY | 1/1/1978 | 3.03 | 39.302101 | -76.4757 |
| DOF007869 | 18 | 18 | COUNTY | <Null> | 3.03 | 39.284056 | -76.4152 |
| DOF008154 | 12 | 12 | COUNTY | <Null> | 3.03 | 39.30308 | -76.374 |
| DOF007807 | 18 | 18 | COUNTY | <Null> | 3.04 | 39.319762 | -76.3909 |
| DOF009840 | 12 | 12 | COUNTY | <Null> | 3.04 | 39.228686 | -76.4044 |
| DOF000840 | 60 | 156 | COUNTY | 1/1/2001 | 3.05 | 39.262929 | -76.5012 |
| DOF009781 | 8 | 8 | COUNTY | <Null> | 3.07 | 39.2291 | -76.4512 |
| DOF007698 | 24 | 24 | COUNTY | <Null> | 3.07 | 39.385641 | -76.4047 |
| DOF000024 | 15 | 15 | COUNTY | 1/1/1980 | 3.07 | 39.202995 | -76.4454 |
| DOF009674 | 12 | 12 | | <Null> | 3.08 | 39.206906 | -76.4436 |
| DOF013740 | 12 | 12 | COUNTY | <Null> | 3.08 | 39.206906 | -76.4436 |
| DOF011948 | 31 | 50 | COUNTY | 1/1/1952 | 3.08 | 39.24249 | -76.5077 |
| DOF012075 | 36 | 72 | COUNTY | 1/1/1947 | 3.09 | 39.246796 | -76.5071 |
| DOF007858 | 12 | 12 | COUNTY | <Null> | 3.09 | 39.284645 | -76.4026 |
| DOF012498 | 21 | 0 | COUNTY | 1/1/1964 | 3.09 | 39.227333 | -76.4567 |
| DOF003335 | 18 | 0 | UNKNOWN | <Null> | 3.11 | 39.258753 | -76.4803 |
| DOF002831 | 27 | 27 | COUNTY | 1/1/1954 | 3.11 | 39.259755 | -76.4854 |
| DOF011953 | 18 | 0 | COUNTY | 1/1/1982 | 3.11 | 39.287872 | -76.4106 |
| DOF010576 | 18 | 18 | COUNTY | 1/1/2003 | 3.13 | 39.243464 | -76.443 |
| DOF012246 | 24 | 0 | COUNTY | 1/1/1955 | 3.13 | 39.321587 | -76.4314 |
| DOF012872 | 24 | 24 | UNKNOWN | 1/1/1975 | 3.17 | 39.382858 | -76.4114 |
| DOF007820 | 12 | 12 | COUNTY | <Null> | 3.17 | 39.330042 | -76.3685 |
| DOF001028 | 14 | 23 | COUNTY | 1/1/2008 | 3.18 | 39.222446 | -76.4542 |

| Outfall ID | Height (in) | Width (in) | Owner | Installation Date | Elevation from Digital Elevation Model | Latitude | Longitude |
|---|---|---|---|---|---|---|---|
| DOF013249 | 20 | 28 | UNKNOWN | <Null> | 3.18 | 39.282196 | -76.4107 |
| DOF013769 | 12 | 12 | COUNTY | <Null> | 3.18 | 39.323314 | -76.3785 |
| DOF009903 | 12 | 12 | | <Null> | 3.19 | 39.229875 | -76.4084 |
| DOF013733 | 12 | 12 | COUNTY | <Null> | 3.19 | 39.229875 | -76.4084 |
| DOF000018 | 18 | 18 | COUNTY | 1/1/1979 | 3.19 | 39.202513 | -76.4417 |
| DOF007808 | 15 | 15 | COUNTY | <Null> | 3.19 | 39.316152 | -76.3857 |
| DOF010528 | 0 | 0 | COUNTY | <Null> | 3.21 | 39.256491 | -76.4823 |
| DOF007861 | 24 | 24 | COUNTY | <Null> | 3.21 | 39.282196 | -76.4107 |
| DOF013824 | 12 | 12 | COUNTY | <Null> | 3.24 | 39.289881 | -76.4002 |
| DOF012980 | 15 | 0 | UNKNOWN | <Null> | 3.24 | 39.373293 | -76.3382 |
| DOF007821 | 12 | 12 | COUNTY | <Null> | 3.25 | 39.329579 | -76.3692 |
| DOF011172 | 30 | 0 | | <Null> | 3.27 | 39.321399 | -76.4766 |
| DOF012854 | 0 | 0 | | <Null> | 3.28 | 39.239899 | -76.5063 |
| DOF006611 | 12 | 12 | COUNTY | <Null> | 3.29 | 39.280206 | -76.3935 |
| DOF013751 | 12 | 12 | COUNTY | <Null> | 3.30 | 39.322492 | -76.3765 |
| DOF006571 | 6 | 15 | COUNTY | <Null> | 3.30 | 39.315659 | -76.3728 |
| DOF006524 | 12 | 12 | COUNTY | <Null> | 3.30 | 39.312046 | -76.383 |
| DOF000630 | 36 | 36 | COUNTY | 1/1/1997 | 3.31 | 39.250837 | -76.4504 |
| DOF008090 | 18 | 18 | COUNTY | <Null> | 3.32 | 39.311606 | -76.3872 |
| DOF000836 | 13 | 22 | COUNTY | 1/1/1967 | 3.34 | 39.254127 | -76.482 |
| DOF000603 | 15 | 15 | COUNTY | 1/1/1967 | 3.35 | 39.273099 | -76.4938 |
| DOF010286 | 12 | 12 | COUNTY | <Null> | 3.37 | 39.320789 | -76.3921 |
| DOF012754 | 36 | 0 | UNKNOWN | <Null> | 3.38 | 39.272242 | -76.4911 |
| DOF006616 | 15 | 15 | COUNTY | <Null> | 3.38 | 39.285127 | -76.411 |
| DOF013758 | 6 | 6 | COUNTY | <Null> | 3.39 | 39.322685 | -76.3768 |




# Figure F Neighborhood Grid

N

0 2 4 Miles

Hazen Project Number: 31466-001
Plot date: 5/12/2021 2:42 PM By: msmit
Service Layer Credits: Earthstar Geographics

Hazen

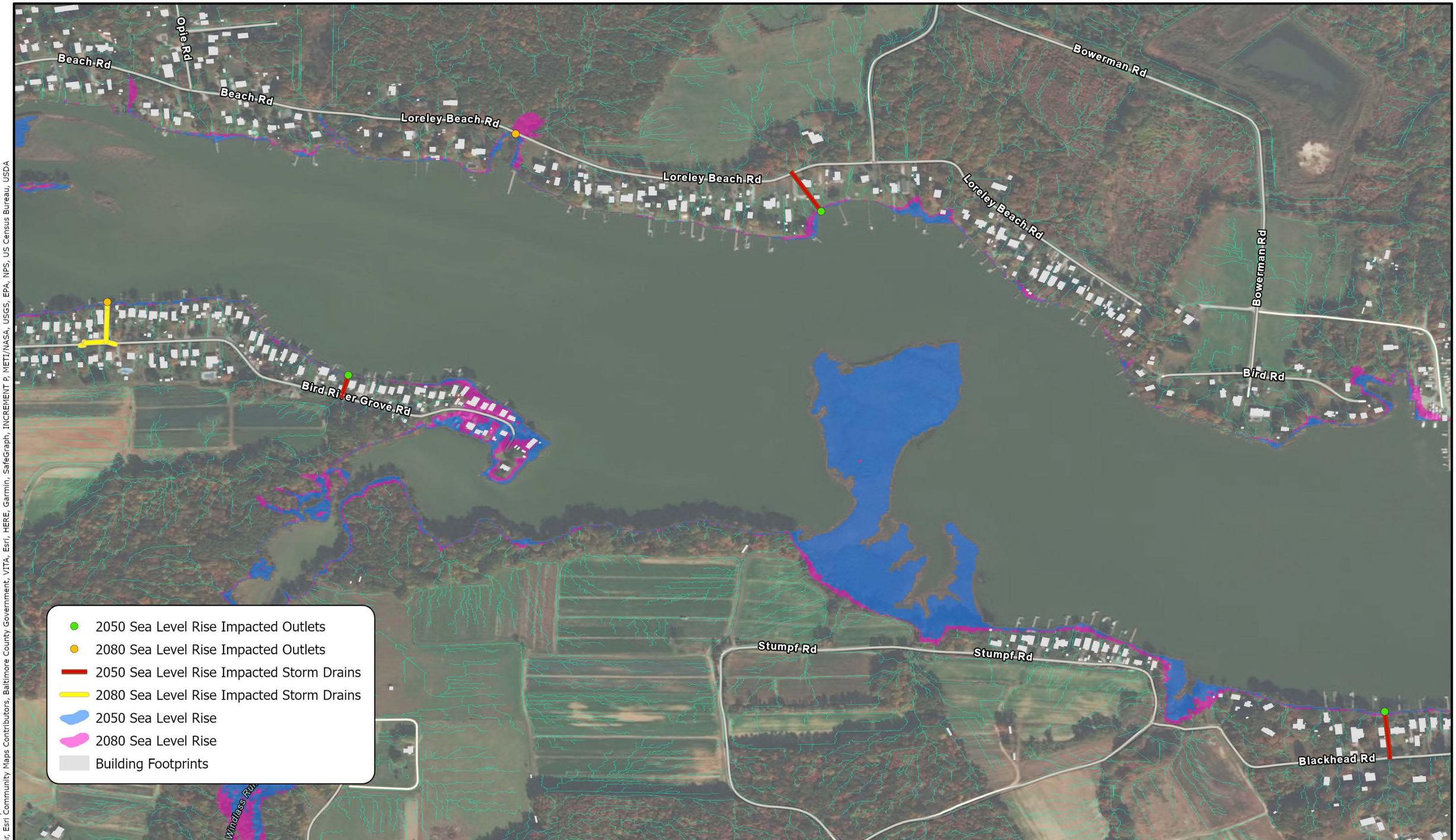
| | |
|---|---|
| Print Date: | 5/12/2021 2:42 PM |
| Printed By: | M. King |
| Reviewed By: | B. Wright |

Baltimore County
Climate Action Plan

Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks

Appendix F

File = C:\Users\msmit\Documents\ArcGIS\Projects\Baltimore CAP_Coastal\Modified SLR Impacted SD Series.aprx Saved by msmit Save date = 5/10/2021 12:12 PM




# Figure F-1 White Marsh

N

0 500 1,000 Feet

Hazen

| | |
|---|---|
| Print Date: | 5/12/2021 1:39 PM |
| Printed By: | M. King |
| Reviewed By: | B. Wright |

**Baltimore County Climate Action Plan**

**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

Hazen Project Number: 31466-001
Plot date: 5/12/2021 1:39 PM By: msmit
Service Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

File = C:\Users\msmit\Documents\ArcGIS\Projects\Baltimore CAP_Coastal\Modified SLR Impacted SD Series.aprx Saved by msmit Save date = 5/10/2021 12:12 PM

Hazen Project Number: 31466-001
Plot date: 5/10/2021 11:32 AM By: msmit
Service Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

# Figure F-2 Chase

N

0 1,000 2,000 Feet

Hazen

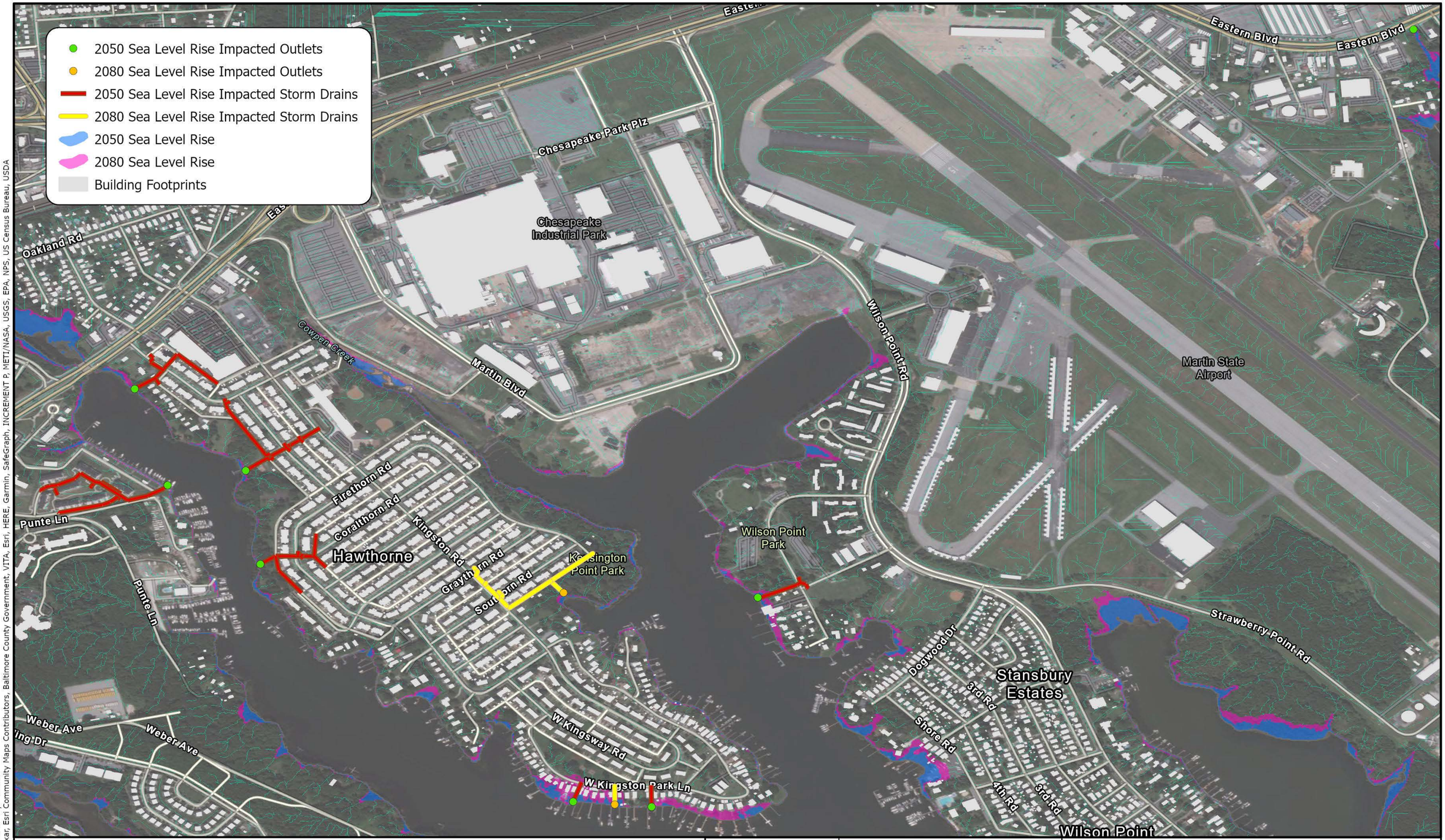
| | |
|---|---|
| Print Date: | 5/10/2021 11:32 AM |
| Printed By: | M. King |
| Reviewed By: | B. Wright |

**Baltimore County Climate Action Plan**

**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

File = C:\Users\msmit\Documents\ArcGIS\Projects\Baltimore CAP_Coastal\Modified SLR Impacted SD Series.aprx Saved by msmit Save date = 5/7/2021 4:58 PM




# Figure F-3 Middle River

N

0 1,000 2,000 Feet

Hazen

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**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

Hazen Project Number: 31466-001
Plot date: 5/12/2021 1:32 PM By: msmit
Service Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

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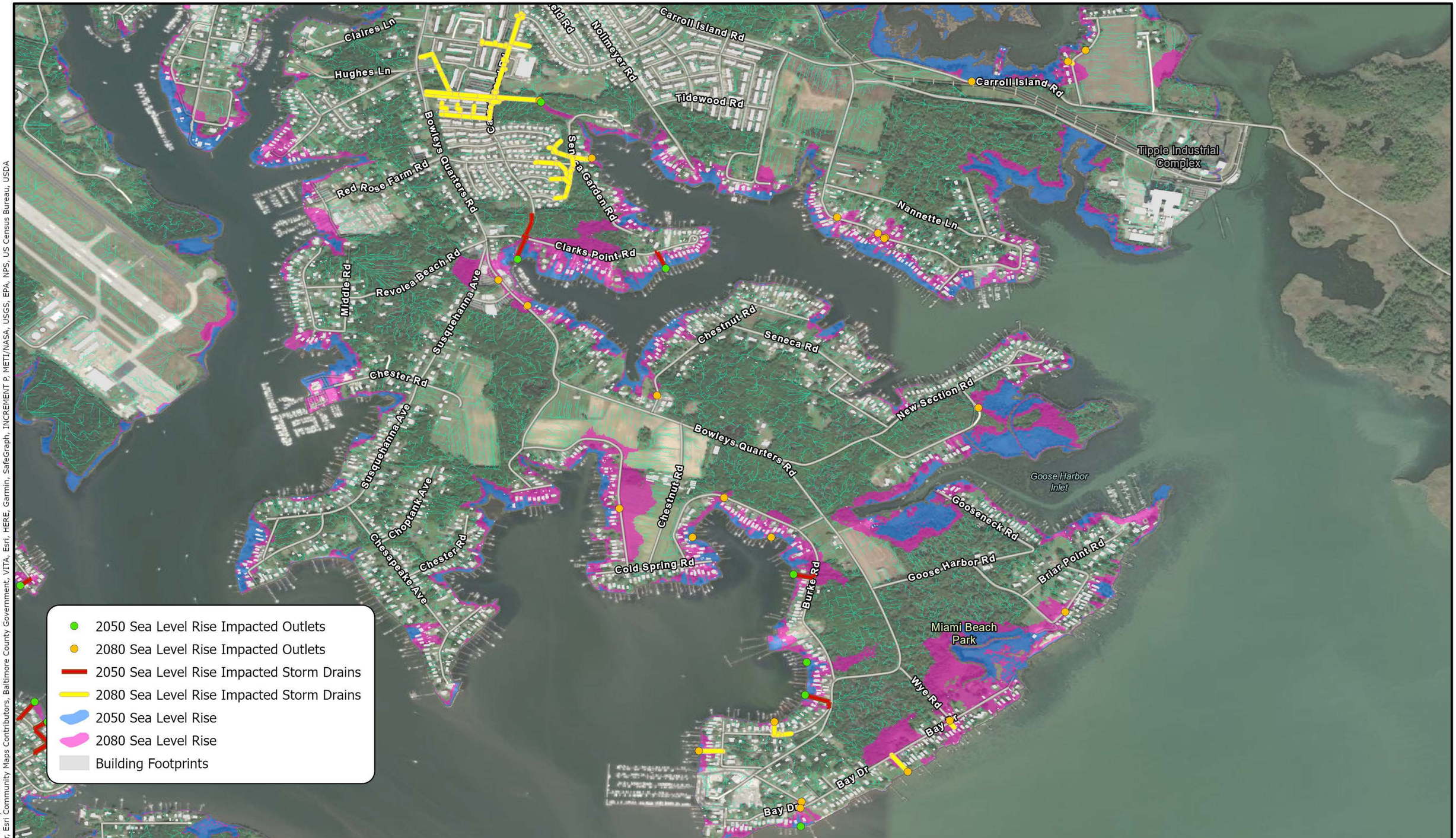


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Plot date: 5/12/2021 1:47 PM By: msmit
Service Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

# Figure F-4 Bowleys Quarters

N

0 1,000 2,000 Feet

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**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

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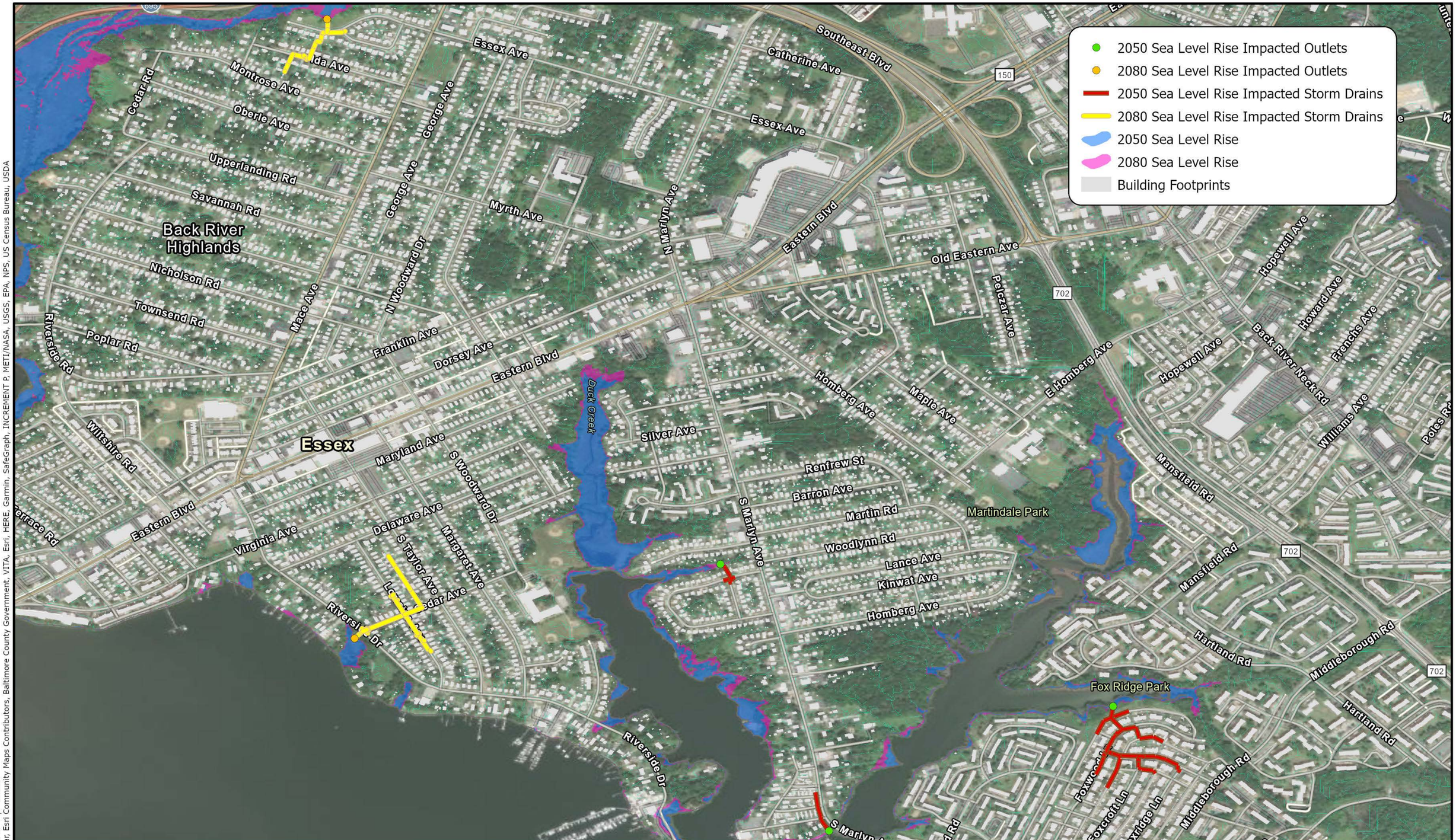


# Figure F-5 Essex

N

0 1,000 2,000 Feet

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**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

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Hazen Project Number: 31466-001
Plot date: 5/12/2021 2:05 PM By: msmit
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# Figure F-6 Essex (2)

N

0 500 1,000 Feet

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**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

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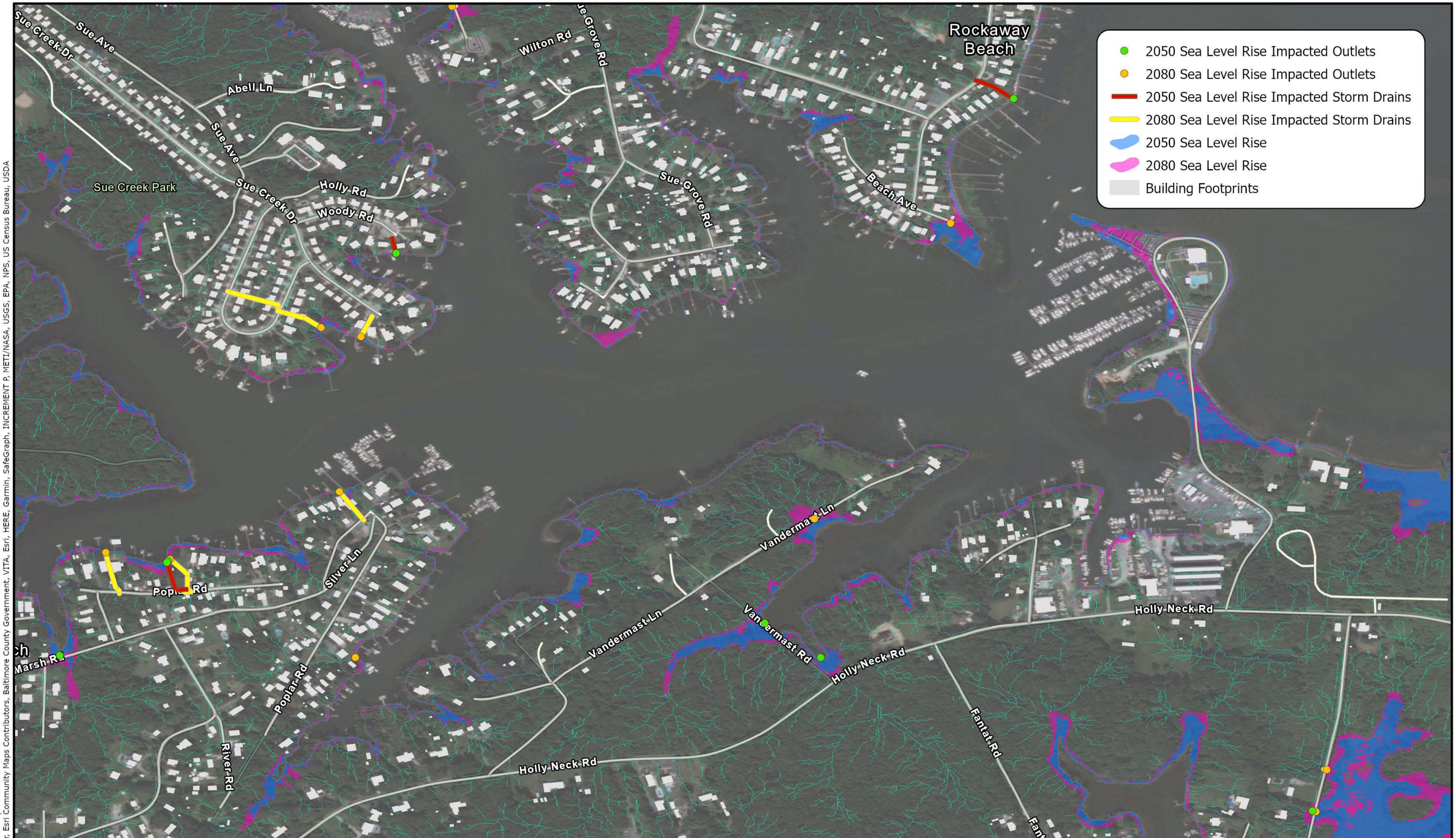


# Figure F-7 Essex (3)

N

0 500 1,000 Feet

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**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

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Plot date: 5/12/2021 2:08 PM By: msmit
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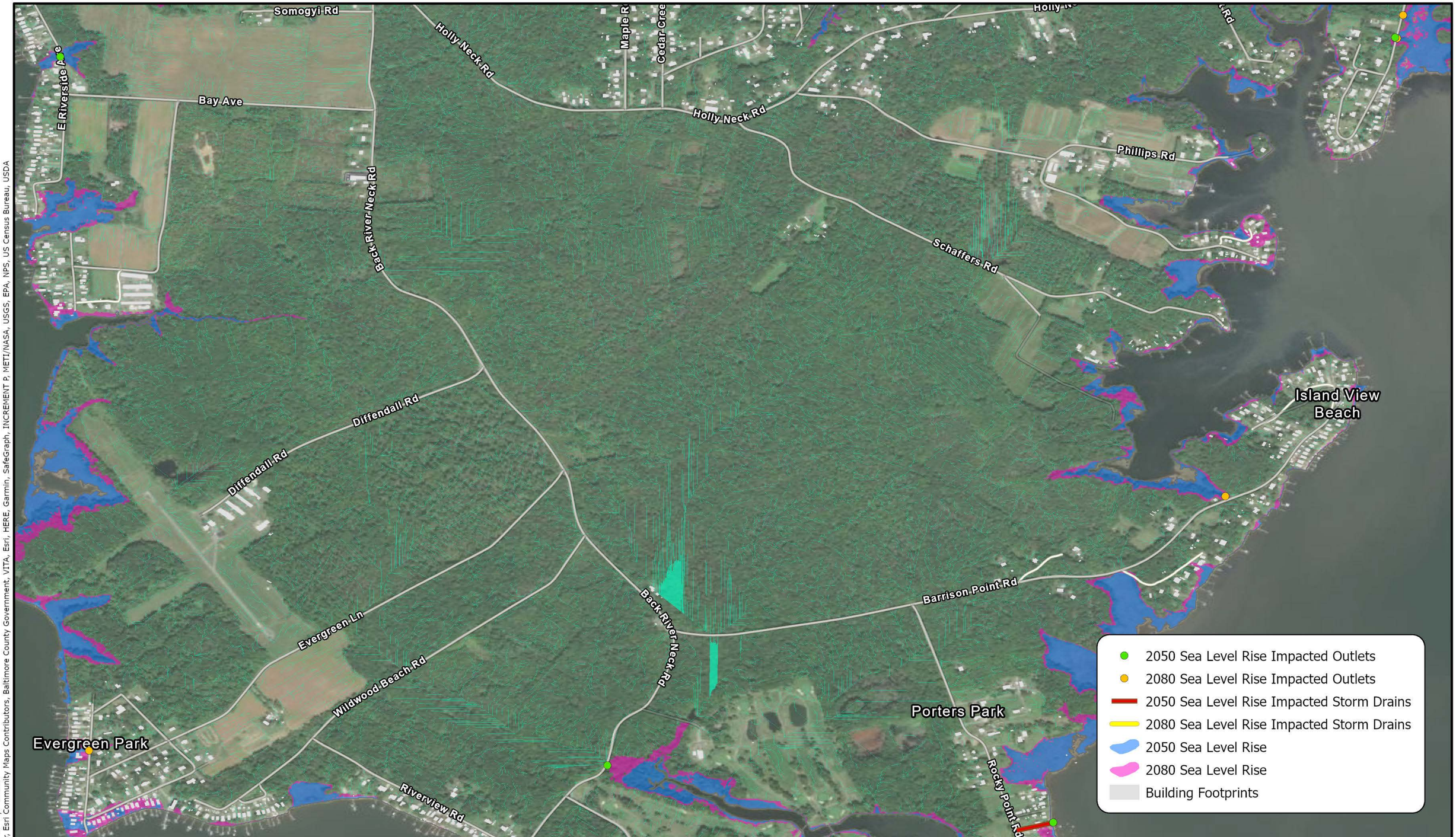


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Serivce Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

# Figure F-8 Essex (4)

N

0 1,000 2,000 Feet

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**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

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Serivce Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

# Figure F-9 Dundalk

Hazen

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**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

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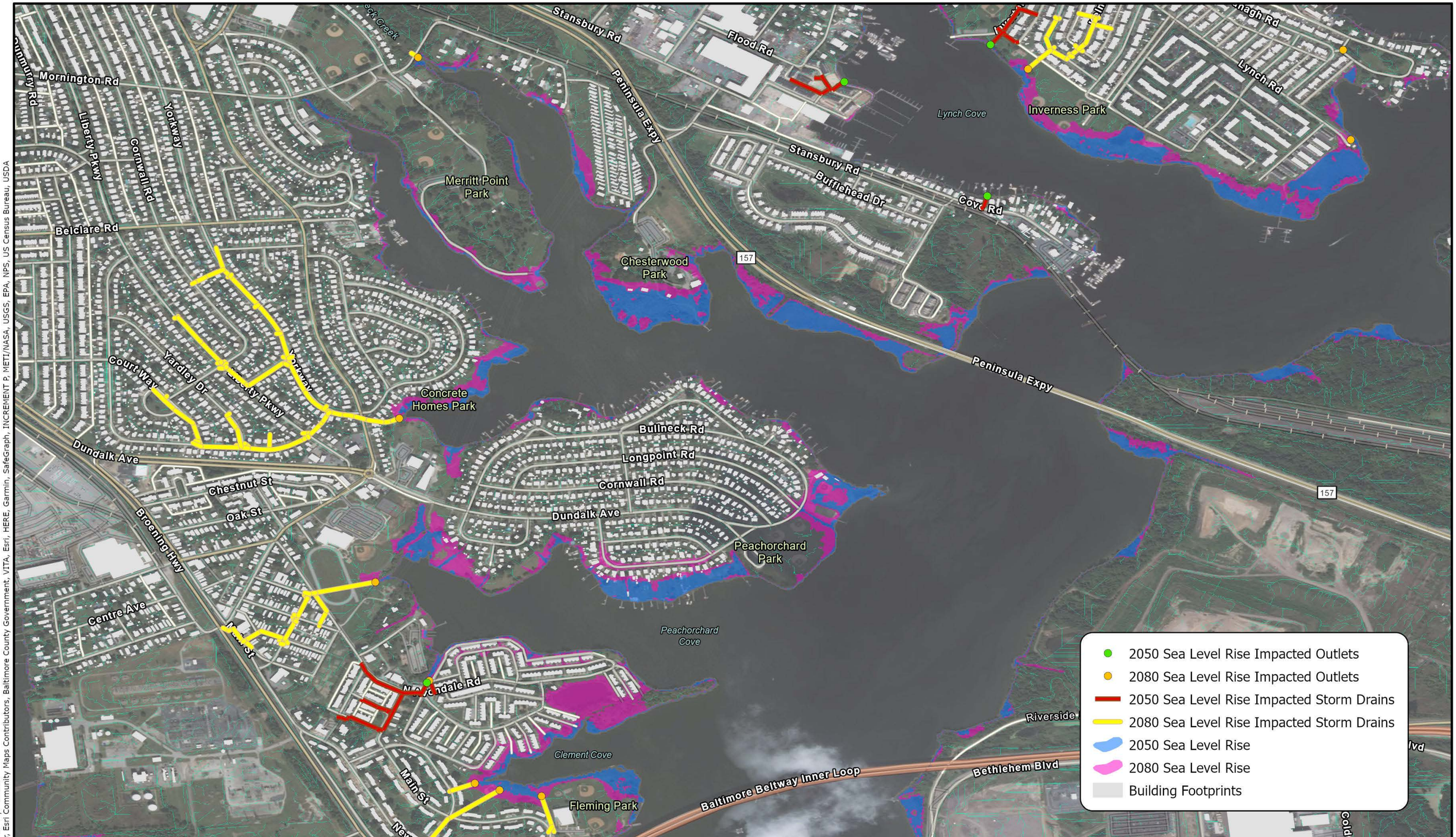


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Service Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

# Figure F-10 Dundalk (2)

N

0 1,000 2,000 Feet

Hazen

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**Baltimore County Climate Action Plan**

**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

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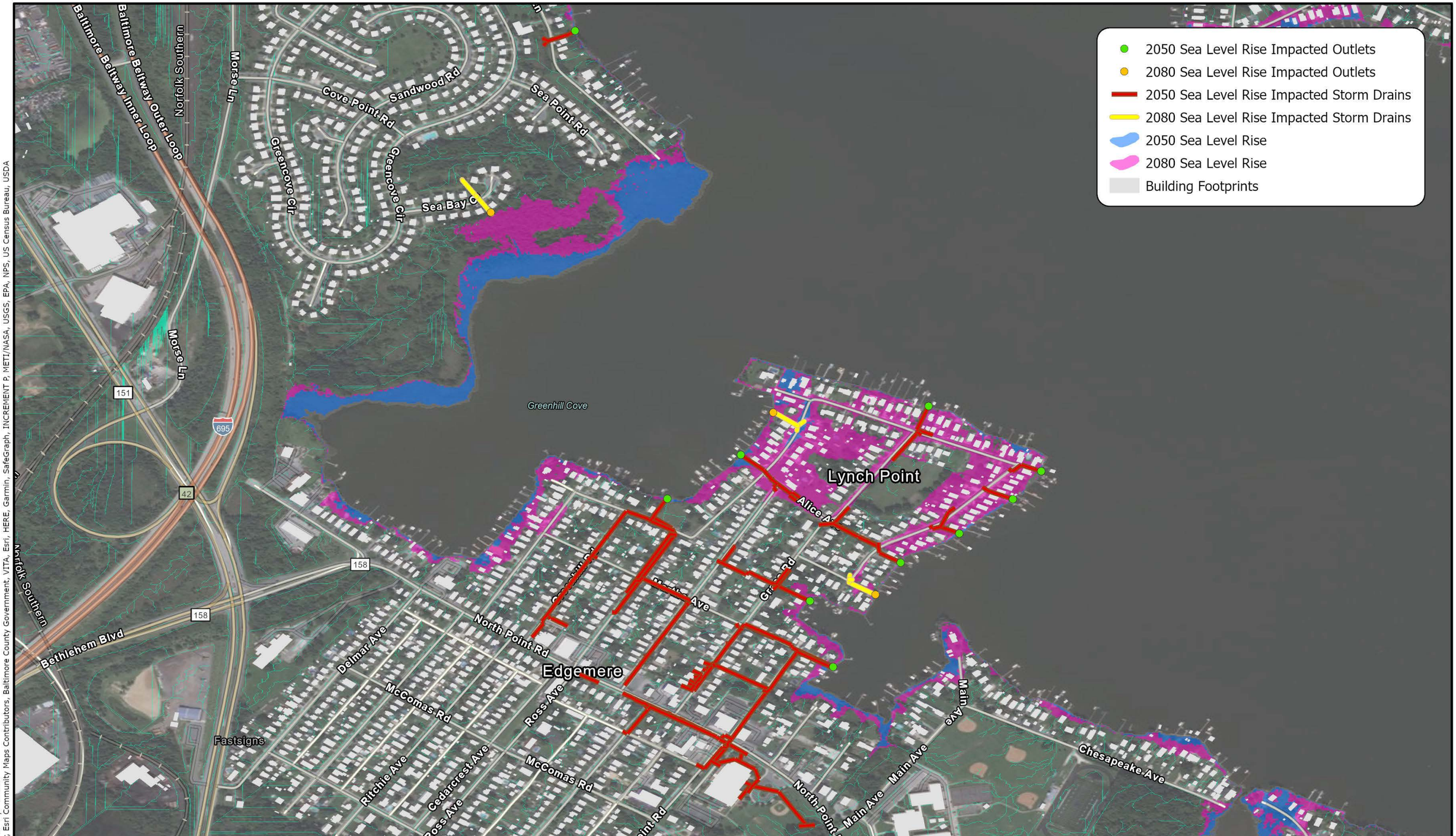


# Figure F-11 Edgemere

N

0 500 1,000 Feet

Hazen

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**Baltimore County Climate Action Plan**

**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

Hazen Project Number: 31466-001
Plot date: 5/12/2021 2:28 PM By: msmit
Service Layer Credits: Maxar, Esri Community Maps Contributors, Baltimore County Government, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

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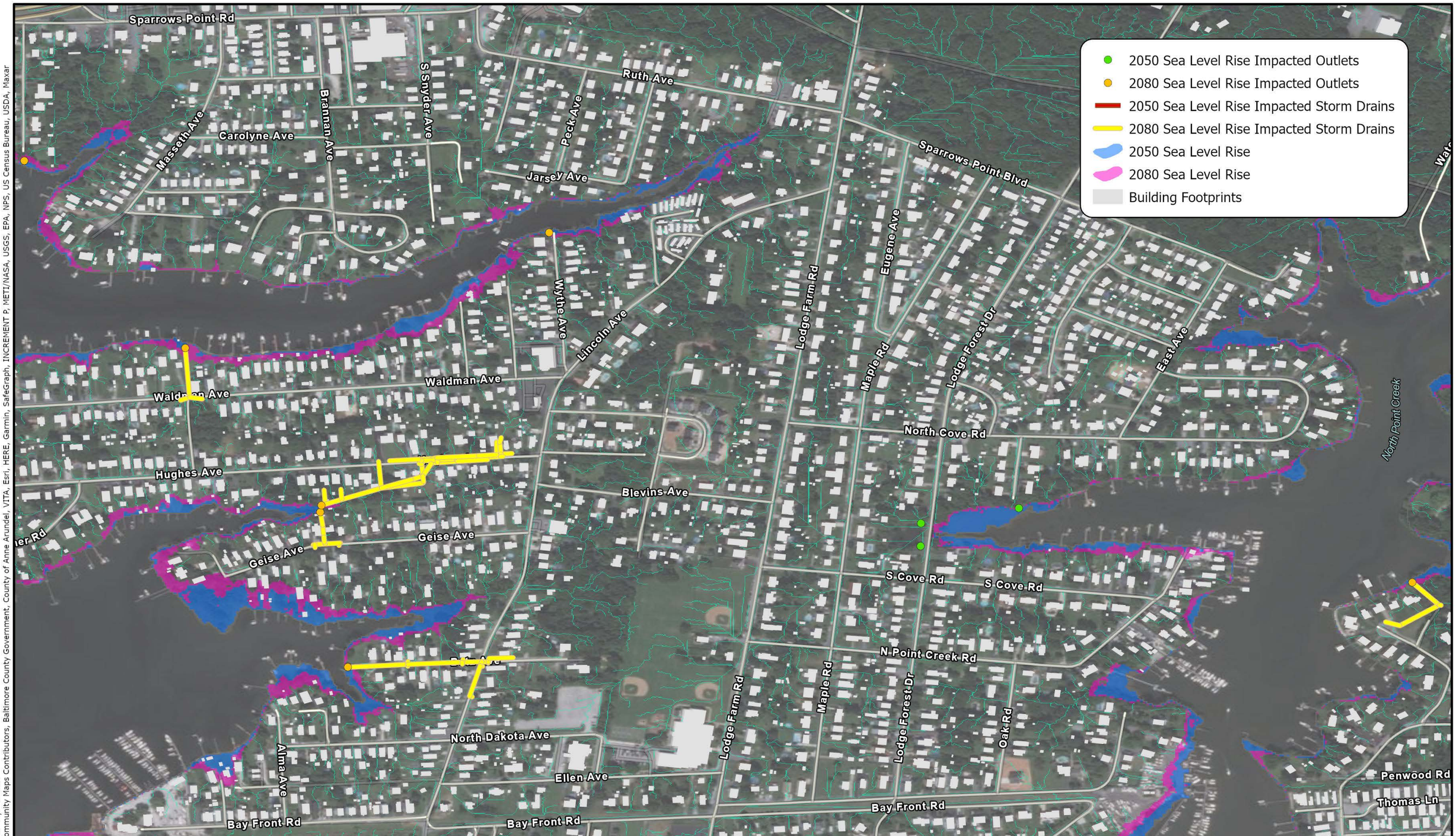


# Figure F-12 Edgemere (2)

N

0 500 1,000 Feet

Hazen

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**Baltimore County Climate Action Plan**

**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

**Appendix F**

Hazen Project Number: 31466-001
Plot date: 5/12/2021 2:30 PM By: msmit
Serivce Layer Credits: Esri Community Maps Contributors, Baltimore County Government, County of Anne Arundel, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar

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# Figure F-13 Edgemere (3)

N

0 1,000 2,000 Feet

Hazen

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**Baltimore County Climate Action Plan**

**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

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Hazen Project Number: 31466-001
Plot date: 5/7/2021 3:28 PM By: msmit
Service Layer Credits: Esri Community Maps Contributors, Baltimore County Government, County of Anne Arundel, VITA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar

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# Figure F-14 Edgemere (4)

N

0 400 800 Feet

Hazen

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**Baltimore County Climate Action Plan**

**Sea Level Rise Affected Coastal Outfalls and Storm Drain Networks**

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Hazen Project Number: 31466-001
Plot date: 5/12/2021 2:39 PM By: msmit
Service Layer Credits: Esri Community Maps Contributors, Baltimore County Government, County of Anne Arundel, VITA, BuildingFootprintUSA, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar

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