5.5 Study Area 5 – Saw Mill Run

These findings apply to the combined ALCOSAN Points of Connection between O-14 and S-15, which include combined sewer systems in the city of Pittsburgh.

Saw Mill Run - BMP GIS Features

The SUSTAIN BMP siting tool analysis resulted in identification of a total of 10,919 BMP GIS Features covering 514 acres, which consisted of the following:

Table 5.5-1 - TOTAL SUSTAIN BMP Features Output

SUSTAIN BMP Feature Type	Number of Features	Area of BMP Features (Acres)
Permeable Pavement	2,423	82
Bioretention	4,157	304
Infiltration Basin/Trenches	449	19
Vegetated Filter Strips	1,681	65
Grass Swales	2,203	45
Constructed Wetlands	6	< 1

Locations of all identified BMP GIS features are presented on the SUSTAIN BMP Features Figures (3).

Saw Mill Run - Concept Municipal GSI Projects

Based on the BMP features, 593 concept Municipal GSI Projects were identified covering 44 total acres with a corresponding drainage area delineation of 823 total acres and consisted of the following:

Table 5.5-2 - Summary of Identified Concept Municipal GSI Projects

Concept GSI Technology	Number of Projects	GSI Project Area (Acres)	Project Drainage Area (Acres)
Permeable Pavement	152	36	574
Bioretention	433	8	196
Infiltration Basin/Trenches	8	1	52
Vegetated Filter Strips	0	0	0
Grass Swales	0	0	0
Constructed Wetlands	0	0	0

Project statistics including ALCOSAN POC, model subcatchment, BMP type, project area, area of project inside and outside of the public right-of-way, tributary drainage area, and tributary impervious drainage area are provided in the Concept Municipal Projects Table. Locations of all identified Concept Municipal GSI projects are presented in the Concept Municipal GSI Projects Figures (3) and the corresponding delineated tributary drainage areas are presented by BMP in the Individual Project Drainage Area Figures (8).

Saw Mill Run - Concept Commercial/Institutional and Special Case GSI Projects

Based on the BMP features, 213 concept Commercial/Institutional and Special Case GSI Projects were identified covering 71 total acres and consisted of the following:

Table 5.5-3 - Summary of Identified Concept Commercial/Institutional and Special Case GSI Projects

Concept GSI Technology or Special Case Project Category	Number of Projects	GSI Project Area (Acres)
Commercial/Institutional Permeable Pavement	96	25
Commercial/Institutional Green Roofs	87	26
State Route Permeable Pavement	30	19
Busway Permeable Pavement	0	0
Busway Bioretention	0	0

Project statistics including ALCOSAN POC, model subcatchment, BMP type, project area, area of project taxable, exempt, provisionally exempt and in the public right-of-way are provided in Concept Commercial / Institutional GSI Projects Table. Locations of all identified Concept Commercial / Institutional GSI projects are presented in the Concept Commercial / Institutional GSI Projects Figures (3).

Ingram Borough

Crafton Borough

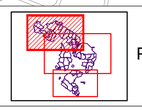
Green Tree Borough

City of Pittsburgh

Permeable Pavement
Bioretention
Infiltration Basin / Trench
Vegetated Filter Strips
Grass Swales
Constructed Wetlands
State Roads
Combined Sewer Subcatchment
Municipal Boundaries

N
W E
S

0 250 500 1,000 1,500 2,000
1 Inch = 500 Feet



Page 1

ALCOSAN GSI Project
Saw Mill Run North (MH-11 through S-38)
SUSTAIN BMP Features

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Permeable Pavement
Bioretention
Infiltration Basin / Trench
Vegetated Filter Strips
Grass Swales
Constructed Wetlands
State Roads
Combined Sewer Subcatchment
Municipal Boundaries

N
W E
S

0 300 600 1,200 1,800 2,400
1 Inch = 600 Feet

Page 2

ALCOSAN GSI Project
Saw Mill Run Central (MH-18 through S-23)
SUSTAIN BMP Features

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Dormont Borough

City of Pittsburgh

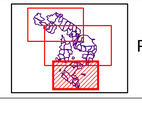
Mt Lebanon

Baldwin Township

Permeable Pavement
Bioretention
Infiltration Basin / Trench
Vegetated Filter Strips
Grass Swales
Constructed Wetlands
State Roads
Combined Sewer Subcatchment
Municipal Boundaries

N
W E
S

0 200 400 800 1,200 1,600
1 Inch = 400 Feet



ALCOSAN GSI Project
Saw Mill Run South (S-24 through S-15)
SUSTAIN BMP Features

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Saw Mill Run Concept Municipal Projects: Individual Drainage Areas

March 31, 2014
Revised October 7, 2014

*Note: The drainage area presented in this table is representative of the individual drainage area tributary to each concept municipal project without any revisions to account for overlap, without engineering judgment revisions applied, and without the drainage areas being clipped to their corresponding model subcatchments.

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
MH-11	MH-11-H	SMR__1	PP	0.407	0.407	0.000	1.767	1.433
MH-11	MH-11-H	SMR__2	PP	0.130	0.130	0.000	1.001	0.615
MH-11	MH-11-H	SMR__3	PP	0.072	0.072	0.000	0.128	0.156
MH-11	MH-11-H	SMR__4	PP	0.033	0.029	0.004	0.182	0.124
MH-11	MH-11-H	SMR__5	PP	0.097	0.097	0.000	1.888	1.562
MH-11	MH-11-H	SMR__6	PP	0.050	0.042	0.008	0.095	0.113
MH-11	MH-11-G	SMR__7	PP	0.164	0.164	0.000	1.460	1.011
MH-11	MH-11-G	SMR__8	PP	0.098	0.098	0.000	9.085	5.864
MH-11	MH-11-G	SMR__9	PP	0.117	0.117	0.000	19.281	14.068
MH-11	MH-11-G	SMR__10	PP	0.103	0.103	0.000	0.474	0.337
MH-11	MH-11-F	SMR__11	PP	0.188	0.186	0.002	2.696	2.133
MH-11	MH-11-F	SMR__12	PP	0.166	0.166	0.000	0.491	0.487
MH-11	MH-11-D	SMR__13	PP	0.309	0.309	0.000	0.715	0.368
MH-11	MH-11-D	SMR__14	PP	0.158	0.140	0.018	0.451	0.190
MH-11	MH-11-G	SMR__16	PP	0.034	0.034	0.000	0.140	0.081
S-46-00	S-46-A	SMR__17	PP	0.042	0.033	0.009	0.192	0.109
S-46-00	S-46-A	SMR__18	PP	0.669	0.662	0.007	3.305	3.086
S-46-00	S-46-A	SMR__19	PP	0.068	0.068	0.000	1.340	0.787
S-46-00	S-46-A	SMR__20	PP	0.116	0.116	0.000	0.934	0.750
S-46-00	S-46-A	SMR__21	PP	0.114	0.111	0.003	5.817	4.158
S-46-00	S-46-A	SMR__22	PP	0.287	0.287	0.000	0.577	0.613
S-46-00	S-46-A	SMR__23	PP	0.079	0.079	0.000	0.498	0.336
S-42A-00	S-42A-A	SMR__24	PP	0.209	0.209	0.000	1.968	0.536
S-42A-00	S-42A-A	SMR__25	PP	0.071	0.071	0.000	0.667	0.193
S-41-00	S-41-A	SMR__26	PP	0.303	0.303	0.000	1.952	0.707
S-41-00	S-41-A	SMR__27	PP	0.051	0.051	0.000	0.061	0.056
S-41-00	S-41-A	SMR__28	PP	0.161	0.161	0.000	6.795	1.899
S-41-00	S-41-A	SMR__29	PP	0.209	0.070	0.139	0.511	0.462
S-40-00	S-40-A	SMR__30	PP	0.083	0.083	0.000	0.236	0.183
S-40-00	S-40-A	SMR__31	PP	0.042	0.042	0.000	0.049	0.046
S-40-00	S-40-A	SMR__32	PP	0.065	0.059	0.006	3.804	1.935
S-40-00	S-40-A	SMR__33	PP	0.494	0.376	0.118	6.279	5.119
S-39-00	S-40-A	SMR__34	PP	0.130	0.130	0.000	0.485	0.425

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-39-00	S-40-A	SMR__35	PP	0.090	0.090	0.000	0.586	0.407
S-39-00	S-39-B	SMR__36	PP	0.135	0.124	0.011	0.709	0.567
S-39-00	S-39-B	SMR__37	PP	0.150	0.147	0.003	0.840	0.751
S-39-00	S-39-B	SMR__38	PP	0.090	0.090	0.000	7.672	4.910
S-39-00	S-39-A	SMR__39	PP	0.368	0.357	0.011	2.465	1.579
S-39-00	S-39-A	SMR__40	PP	0.408	0.399	0.009	2.176	1.195
S-38-00	S-38-C	SMR__41	PP	0.151	0.151	0.000	1.893	1.789
S-38-00	S-38-C	SMR__42	PP	0.194	0.194	0.000	3.343	3.127
S-38-00	S-38-B	SMR__43	PP	0.028	0.028	0.000	0.594	0.483
S-38-00	S-38-C	SMR__44	PP	0.165	0.163	0.002	0.312	0.364
S-38-00	S-38-B	SMR__45	PP	0.239	0.239	0.000	29.848	25.241
S-38-00	S-38-B	SMR__46	PP	0.108	0.105	0.003	0.125	0.172
S-38-00	S-38-B	SMR__47	PP	0.303	0.303	0.000	0.573	0.622
S-38-00	S-38-B	SMR__48	PP	0.371	0.371	0.000	0.766	1.035
S-38-00	S-38-B	SMR__49	PP	0.121	0.121	0.000	1.292	1.172
S-38-00	S-38-C	SMR__50	PP	0.174	0.149	0.025	0.681	0.611
S-38-00	S-38-B	SMR__51	PP	0.322	0.320	0.002	4.008	3.194
S-36-00	S-36-A	SMR__52	PP	0.092	0.092	0.000	1.035	0.975
S-36-00	S-36-A	SMR__53	PP	0.072	0.069	0.003	0.381	0.292
S-35-00	S-35-A	SMR__54	PP	0.114	0.096	0.018	0.291	0.118
S-35-00	S-35-A	SMR__55	PP	0.312	0.267	0.045	6.937	5.711
S-34-00	S-34-A	SMR__56	PP	0.154	0.154	0.000	0.969	0.400
S-32-00	S-32-B	SMR__57	PP	0.926	0.925	0.001	38.829	26.798
S-32-00	S-32-D	SMR__58	PP	0.142	0.142	0.000	0.500	0.206
S-32-00	S-32-B	SMR__59	PP	0.499	0.499	0.000	6.832	5.348
S-32-00	S-32-B	SMR__60	PP	0.524	0.524	0.000	25.461	17.146
S-32-00	S-32-B	SMR__61	PP	0.220	0.220	0.000	2.335	1.910
S-32-00	S-32-B	SMR__62	PP	0.112	0.112	0.000	0.660	0.128
S-32-00	S-32-B	SMR__63	PP	0.103	0.103	0.000	0.874	0.739
S-32-00	S-32-B	SMR__64	PP	0.290	0.290	0.000	2.678	0.925
S-32-00	S-32-B	SMR__65	PP	0.263	0.263	0.000	2.566	1.077
S-32-00	S-32-B	SMR__66	PP	0.239	0.237	0.002	5.967	5.627
S-32-00	S-29-B	SMR__67	PP	0.310	0.310	0.000	1.614	0.748
S-32-00	S-32-B	SMR__68	PP	0.540	0.540	0.000	1.645	0.802
S-32-00	S-32-B	SMR__69	PP	0.078	0.078	0.000	1.078	0.817
S-32-00	S-32-B	SMR__70	PP	0.531	0.507	0.024	5.924	5.582
S-32-00	S-32-B	SMR__71	PP	0.364	0.350	0.014	5.705	6.298
S-32-00	S-32-B	SMR__72	PP	0.490	0.490	0.000	16.069	13.994
S-32-00	S-32-B	SMR__73	PP	0.137	0.134	0.003	8.232	7.488

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-32-00	S-32-B	SMR__74	PP	0.163	0.163	0.000	0.608	0.506
S-32-00	S-32-B	SMR__75	PP	0.289	0.289	0.000	14.263	7.635
S-32-00	S-32-A	SMR__76	PP	0.911	0.055	0.856	34.478	13.050
S-32-00	S-32-D	SMR__77	PP	1.251	1.237	0.014	4.240	4.196
S-32-00	S-32-B	SMR__78	PP	1.916	1.916	0.000	8.915	6.806
S-32-00	S-32-B	SMR__79	PP	0.289	0.289	0.000	1.258	1.181
S-32-00	S-32-B	SMR__80	PP	0.956	0.950	0.006	10.487	9.899
S-31-00	S-31-A	SMR__81	PP	0.104	0.104	0.000	0.385	0.161
S-31-00	S-31-A	SMR__82	PP	0.075	0.075	0.000	0.629	0.309
S-29-00	S-29-C	SMR__83	PP	0.211	0.211	0.000	0.740	0.562
S-29-00	S-29-C	SMR__84	PP	0.072	0.072	0.000	0.466	0.188
S-29-00	S-29-C	SMR__85	PP	0.126	0.126	0.000	2.671	2.037
S-29-00	S-29-C	SMR__86	PP	0.051	0.051	0.000	0.104	0.141
S-29-00	S-29-D	SMR__87	PP	0.085	0.085	0.000	3.751	1.539
S-29-00	S-29-D	SMR__88	PP	0.073	0.073	0.000	17.366	17.016
S-29-00		SMR__89	PP	0.193	0.193	0.000	7.449	12.734
S-29-00		SMR__90	PP	0.189	0.189	0.000	2.208	4.312
S-29-00	S-29-F	SMR__91	PP	0.025	0.022	0.003	1.739	2.204
S-29-00	S-29-B	SMR__92	PP	0.262	0.262	0.000	3.127	1.365
S-29-00	S-29-B	SMR__93	PP	0.518	0.518	0.000	2.559	1.061
S-29-00	S-29-C	SMR__94	PP	0.711	0.711	0.000	6.340	3.124
S-29-00	S-29-D	SMR__95	PP	0.420	0.420	0.000	1.426	1.555
S-29-00	S-29-D	SMR__96	PP	0.274	0.274	0.000	16.963	12.954
S-29-00	S-29-D	SMR__97	PP	0.100	0.100	0.000	0.742	0.811
S-29-00	S-29-D	SMR__98	PP	0.255	0.255	0.000	1.817	2.127
S-29-00	S-29-E	SMR__99	PP	0.138	0.138	0.000	15.566	22.140
S-29-00	S-29-H	SMR__100	PP	0.299	0.299	0.000	0.881	0.618
S-29-00	S-29-C	SMR__101	PP	0.535	0.515	0.020	12.323	3.613
S-29-00	S-29-F	SMR__102	PP	0.203	0.203	0.000	2.425	3.657
S-28-00	S-28-A	SMR__103	PP	0.083	0.083	0.000	0.838	0.293
S-23-00	S-23-D	SMR__104	PP	0.165	0.165	0.000	7.803	2.710
S-23-00	S-23-D	SMR__105	PP	0.411	0.411	0.000	0.820	0.476
S-23-00	S-23-D	SMR__106	PP	0.583	0.583	0.000	3.135	3.014
MH-18	MH-18-L	SMR__107	PP	0.210	0.210	0.000	0.530	0.244
MH-18	MH-18-J	SMR__108	PP	0.152	0.152	0.000	2.204	0.949
MH-18	MH-18-D	SMR__109	PP	0.128	0.128	0.000	0.963	0.286
MH-18	MH-18-D	SMR__110	PP	0.298	0.298	0.000	8.552	2.213
MH-18	MH-18-C	SMR__111	PP	1.363	1.363	0.000	5.439	2.088
MH-18	MH-18-C	SMR__112	PP	0.202	0.202	0.000	0.765	0.474

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
MH-18	MH-18-C	SMR__113	PP	0.155	0.155	0.000	1.315	0.649
MH-18	MH-18-C	SMR__114	PP	0.117	0.117	0.000	1.020	0.276
SMRE-40	SMRE-40-F	SMR__115	PP	0.175	0.174	0.001	0.216	0.169
SMRE-40	SMRE-40-F	SMR__116	PP	0.121	0.121	0.000	0.846	0.411
SMRE-40	SMRE-40-F	SMR__117	PP	0.195	0.195	0.000	0.578	0.268
SMRE-40	SMRE-40-Y	SMR__118	PP	0.123	0.123	0.000	0.659	0.357
SMRE-40	SMRE-40-Q	SMR__119	PP	0.188	0.188	0.000	0.320	0.228
SMRE-40	SMRE-40-E	SMR__120	PP	0.078	0.078	0.000	0.123	0.087
SMRE-40	SMRE-40-I	SMR__121	PP	0.074	0.074	0.000	0.092	0.067
SMRE-40	SMRE-40-I	SMR__122	PP	0.281	0.281	0.000	2.123	0.916
S-24-00	S-24-C	SMR__123	PP	0.324	0.324	0.000	0.753	0.349
S-24-00	S-24-C	SMR__124	PP	0.127	0.127	0.000	1.265	0.416
S-24-00	S-24-C	SMR__125	PP	0.076	0.076	0.000	0.711	0.230
S-24-00	S-24-C	SMR__126	PP	0.125	0.125	0.000	2.223	0.694
S-24-00	S-24-D	SMR__127	PP	0.152	0.152	0.000	0.441	0.234
S-24-00	S-24-D	SMR__128	PP	0.288	0.288	0.000	1.240	0.598
S-24-00	S-24-D	SMR__129	PP	0.056	0.050	0.006	0.167	0.060
S-24-00	S-24-D	SMR__130	PP	0.062	0.062	0.000	9.071	2.840
S-24-00	S-24-D	SMR__131	PP	0.053	0.053	0.000	1.292	0.452
S-24-00	S-24-D	SMR__132	PP	0.222	0.215	0.007	13.216	4.133
S-24-00	S-24-D	SMR__133	PP	0.068	0.043	0.025	0.092	0.048
S-24-00	S-24-A	SMR__134	PP	0.158	0.146	0.012	1.417	0.437
S-24-00	S-24-D	SMR__135	PP	0.050	0.044	0.006	0.083	0.056
S-24-00	S-24-D	SMR__136	PP	0.055	0.055	0.000	0.137	0.069
MH-77	MH-77-C	SMR__137	PP	0.419	0.419	0.000	2.378	0.857
MH-77	MH-77-C	SMR__138	PP	0.079	0.079	0.000	3.551	0.917
S-15	S-15-J	SMR__139	PP	0.100	0.066	0.034	1.098	0.462
S-15	S-15-J	SMR__140	PP	0.111	0.111	0.000	0.267	0.158
S-15	S-15-J	SMR__141	PP	0.209	0.209	0.000	4.417	1.582
S-15	S-15-J	SMR__142	PP	0.421	0.421	0.000	6.171	3.211
S-15	S-15-J	SMR__143	PP	0.374	0.374	0.000	21.624	8.124
S-15	S-15-M	SMR__144	PP	0.185	0.130	0.055	0.235	0.118
S-15	S-15-M	SMR__145	PP	0.092	0.077	0.015	0.264	0.112
S-15	S-15-M	SMR__146	PP	0.065	0.065	0.000	0.554	0.270
S-15	S-15-F	SMR__147	PP	0.096	0.089	0.007	0.245	0.107
S-15	S-15-E	SMR__148	PP	0.354	0.350	0.004	0.680	0.423
S-15	S-15-B	SMR__149	PP	0.093	0.093	0.000	0.277	0.169
S-15	S-15-B	SMR__150	PP	0.545	0.533	0.012	2.404	1.024
S-15	S-15-B	SMR__151	PP	0.221	0.221	0.000	5.873	1.623

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-15	S-15-C	SMR__152	PP	0.196	0.196	0.000	5.960	1.220
MH-11	MH-11-H	SMR__153	PP	0.060	0.060	0.000	1.792	1.326
MH-11	MH-11-A	SMR__1001	BR	0.010	0.001	0.009	3.625	0.340
MH-11	MH-11-H	SMR__1002	BR	0.025	0.010	0.015	0.156	0.115
MH-11	MH-11-H	SMR__1003	BR	0.016	0.008	0.008	0.069	0.065
MH-11	MH-11-H	SMR__1004	BR	0.013	0.007	0.006	0.021	0.010
MH-11	MH-11-G	SMR__1005	BR	0.004	0.003	0.001	0.014	0.004
MH-11	MH-11-G	SMR__1006	BR	0.048	0.048	0.000	0.218	0.334
MH-11	MH-11-G	SMR__1007	BR	0.016	0.016	0.000	0.437	0.568
MH-11	MH-11-F	SMR__1008	BR	0.005	0.000	0.005	11.595	6.570
MH-11	MH-11-F	SMR__1009	BR	0.041	0.040	0.001	0.952	0.188
MH-11	MH-11-D	SMR__1010	BR	0.062	0.054	0.008	0.346	0.075
MH-11	MH-11-H	SMR__1011	BR	0.014	0.009	0.005	0.045	0.050
MH-11	MH-11-H	SMR__1012	BR	0.011	0.011	0.000	4.169	2.550
MH-11	MH-11-D	SMR__1013	BR	0.023	0.019	0.004	0.049	0.021
MH-11	MH-11-H	SMR__1014	BR	0.010	0.000	0.010	0.160	0.098
MH-11	MH-11-H	SMR__1015	BR	0.008	0.000	0.008	0.009	0.010
MH-11	MH-11-H	SMR__1016	BR	0.013	0.013	0.000	0.102	0.035
MH-11	MH-11-H	SMR__1017	BR	0.019	0.016	0.003	0.299	0.246
MH-11	MH-11-H	SMR__1018	BR	0.004	0.002	0.002	0.036	0.017
MH-11	MH-11-H	SMR__1019	BR	0.014	0.010	0.004	0.020	0.015
MH-11	MH-11-H	SMR__1020	BR	0.050	0.039	0.011	1.129	0.959
MH-11	MH-11-H	SMR__1021	BR	0.036	0.023	0.013	0.625	0.453
MH-11	MH-11-H	SMR__1022	BR	0.005	0.004	0.001	0.007	0.001
MH-11	MH-11-H	SMR__1023	BR	0.004	0.002	0.002	0.138	0.080
MH-11	MH-11-H	SMR__1024	BR	0.008	0.000	0.008	0.009	0.002
MH-11	MH-11-H	SMR__1025	BR	0.005	0.003	0.002	0.024	0.035
MH-11	MH-11-H	SMR__1026	BR	0.016	0.006	0.010	0.078	0.075
MH-11	MH-11-H	SMR__1027	BR	0.007	0.001	0.006	0.012	0.004
MH-11	MH-11-G	SMR__1028	BR	0.006	0.002	0.004	0.017	0.013
MH-11	MH-11-G	SMR__1029	BR	0.004	0.002	0.002	0.010	0.005
MH-11	MH-11-G	SMR__1030	BR	0.004	0.003	0.001	0.020	0.011
MH-11	MH-11-G	SMR__1031	BR	0.006	0.004	0.002	0.023	0.023
MH-11	MH-11-G	SMR__1032	BR	0.004	0.004	0.000	0.005	0.001
MH-11	MH-11-G	SMR__1033	BR	0.003	0.003	0.000	0.004	0.002
MH-11	MH-11-G	SMR__1034	BR	0.004	0.003	0.001	0.075	0.042
MH-11	MH-11-G	SMR__1035	BR	0.005	0.004	0.001	0.085	0.054
MH-11	MH-11-G	SMR__1036	BR	0.008	0.006	0.002	0.053	0.057
MH-11	MH-11-G	SMR__1037	BR	0.004	0.004	0.000	0.104	0.106

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
MH-11	MH-11-F	SMR__1038	BR	0.013	0.008	0.005	0.042	0.006
MH-11	MH-11-F	SMR__1039	BR	0.017	0.016	0.001	0.067	0.045
MH-11	MH-11-F	SMR__1040	BR	0.004	0.002	0.002	0.089	0.041
MH-11	MH-11-F	SMR__1041	BR	0.006	0.005	0.001	0.012	0.004
MH-11	MH-11-F	SMR__1042	BR	0.008	0.005	0.003	0.010	0.005
MH-11	MH-11-F	SMR__1043	BR	0.021	0.012	0.009	0.078	0.056
MH-11	MH-11-F	SMR__1044	BR	0.007	0.002	0.005	0.027	0.020
MH-11	MH-11-F	SMR__1045	BR	0.010	0.008	0.002	0.013	0.004
MH-11	MH-11-D	SMR__1046	BR	0.016	0.016	0.000	0.676	0.256
MH-11	MH-11-D	SMR__1047	BR	0.009	0.005	0.004	0.025	0.017
MH-11	MH-11-D	SMR__1048	BR	0.027	0.018	0.009	0.114	0.028
MH-11	MH-11-D	SMR__1049	BR	0.004	0.002	0.002	0.013	0.009
MH-11	MH-11-D	SMR__1050	BR	0.004	0.001	0.003	0.008	0.003
MH-11	MH-11-D	SMR__1051	BR	0.002	0.002	0.000	0.006	0.002
MH-11	MH-11-D	SMR__1052	BR	0.003	0.002	0.001	0.011	0.007
MH-11	MH-11-D	SMR__1053	BR	0.008	0.006	0.002	0.012	0.007
MH-11	MH-11-D	SMR__1054	BR	0.025	0.018	0.007	0.033	0.002
MH-11	MH-11-D	SMR__1055	BR	0.012	0.009	0.003	0.016	0.002
MH-11	MH-11-D	SMR__1056	BR	0.038	0.026	0.012	0.094	0.015
MH-11	MH-11-D	SMR__1057	BR	0.014	0.004	0.010	0.038	0.010
MH-11	MH-11-H	SMR__1058	BR	0.005	0.005	0.000	0.545	0.425
MH-11	MH-11-H	SMR__1059	BR	0.009	0.006	0.003	0.035	0.030
MH-11	MH-11-H	SMR__1060	BR	0.004	0.003	0.001	0.007	0.007
MH-N03	MH-N03-A	SMR__1061	BR	0.026	0.005	0.021	0.041	0.000
S-46-00	S-46-A	SMR__1062	BR	0.009	0.003	0.006	0.012	0.001
S-46-00	S-46-A	SMR__1063	BR	0.003	0.003	0.000	0.005	0.000
S-46-00	S-46-A	SMR__1064	BR	0.002	0.002	0.000	0.007	0.010
S-46-00	S-46-A	SMR__1065	BR	0.039	0.005	0.034	1.099	0.964
S-46-00	S-46-A	SMR__1066	BR	0.036	0.016	0.020	0.073	0.025
S-46-00	S-46-A	SMR__1067	BR	0.009	0.007	0.002	0.017	0.005
S-46-00	S-46-A	SMR__1068	BR	0.003	0.000	0.003	0.050	0.020
S-46-00	S-46-A	SMR__1069	BR	0.048	0.029	0.019	0.383	0.223
S-46-00	S-46-A	SMR__1070	BR	0.013	0.009	0.004	0.020	0.010
S-46-00	S-46-A	SMR__1071	BR	0.006	0.006	0.000	0.026	0.040
S-46-00	S-46-A	SMR__1072	BR	0.015	0.009	0.006	1.295	0.726
S-46-00	S-46-A	SMR__1073	BR	0.005	0.005	0.000	0.025	0.004
S-46-00	S-46-A	SMR__1074	BR	0.037	0.015	0.022	0.049	0.013
S-46-00	S-46-A	SMR__1075	BR	0.006	0.003	0.003	0.030	0.003
S-46-00	S-46-A	SMR__1076	BR	0.013	0.009	0.004	0.014	0.008

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					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-46-00	S-46-A	SMR__1077	BR	0.009	0.008	0.001	0.116	0.015
S-46-00	S-46-A	SMR__1078	BR	0.010	0.004	0.006	0.011	0.001
S-46-00	S-46-A	SMR__1079	BR	0.025	0.004	0.021	0.061	0.000
S-46-00	S-46-A	SMR__1080	BR	0.011	0.005	0.006	1.545	1.206
S-46-00	S-46-A	SMR__1081	BR	0.010	0.002	0.008	0.052	0.005
S-42A-00	S-42A-A	SMR__1082	BR	0.003	0.003	0.000	0.015	0.003
S-42A-00	S-42A-A	SMR__1083	BR	0.003	0.003	0.000	0.007	0.003
S-42A-00	S-42A-A	SMR__1084	BR	0.004	0.002	0.002	0.022	0.014
S-42A-00	S-42A-A	SMR__1085	BR	0.006	0.004	0.002	0.535	0.194
S-42A-00	S-42A-A	SMR__1086	BR	0.010	0.007	0.003	0.013	0.007
S-42A-00	S-42A-A	SMR__1087	BR	0.005	0.003	0.002	0.454	0.061
S-41-00	S-41-A	SMR__1088	BR	0.008	0.006	0.002	0.239	0.080
S-41-00	S-41-A	SMR__1089	BR	0.006	0.003	0.003	0.015	0.010
S-41-00	S-41-A	SMR__1090	BR	0.004	0.004	0.000	0.005	0.001
S-41-00	S-41-A	SMR__1091	BR	0.003	0.003	0.000	0.003	0.000
S-41-00	S-41-A	SMR__1092	BR	0.005	0.005	0.000	0.007	0.002
S-41-00	S-41-A	SMR__1093	BR	0.003	0.002	0.001	0.022	0.022
S-41-00	S-41-A	SMR__1094	BR	0.002	0.001	0.001	0.011	0.007
S-41-00	S-41-A	SMR__1095	BR	0.003	0.003	0.000	0.004	0.000
S-41-00	S-41-A	SMR__1096	BR	0.003	0.003	0.000	0.013	0.004
S-41-00	S-41-A	SMR__1097	BR	0.015	0.007	0.008	1.001	0.492
S-41-00	S-41-A	SMR__1098	BR	0.071	0.071	0.000	6.171	0.719
S-41-00	S-41-A	SMR__1099	BR	0.023	0.023	0.000	0.027	0.000
S-41-00	S-41-A	SMR__1100	BR	0.025	0.008	0.017	16.363	7.356
S-41-00	S-41-A	SMR__1101	BR	0.015	0.008	0.007	1.229	0.463
S-40-00	S-40-A	SMR__1102	BR	0.014	0.003	0.011	0.015	0.000
S-40-00	S-40-A	SMR__1103	BR	0.004	0.002	0.002	0.008	0.003
S-40-00	S-40-A	SMR__1104	BR	0.009	0.003	0.006	0.014	0.006
S-40-00	S-40-A	SMR__1105	BR	0.006	0.003	0.003	0.016	0.009
S-40-00	S-40-A	SMR__1106	BR	0.003	0.000	0.003	0.082	0.055
S-40-00	S-40-A	SMR__1107	BR	0.006	0.002	0.004	0.012	0.000
S-40-00	S-40-A	SMR__1108	BR	0.014	0.011	0.003	0.719	0.749
S-40-00	S-40-A	SMR__1109	BR	0.016	0.014	0.002	0.427	0.303
S-40-00	S-40-A	SMR__1110	BR	0.006	0.000	0.006	0.026	0.024
S-40-00	S-40-A	SMR__1111	BR	0.005	0.005	0.000	3.180	0.227
S-40-00	S-40-A	SMR__1112	BR	0.088	0.057	0.031	0.220	0.018
S-39-00	S-39-B	SMR__1113	BR	0.008	0.008	0.000	0.009	0.002
S-39-00	S-39-A	SMR__1114	BR	0.051	0.027	0.024	1.594	0.847
S-39-00	S-39-A	SMR__1115	BR	0.044	0.037	0.007	0.129	0.069

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					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-39-00	S-39-B	SMR__1116	BR	0.006	0.003	0.003	0.011	0.002
S-39-00	S-39-B	SMR__1117	BR	0.012	0.001	0.011	0.035	0.018
S-39-00	S-39-B	SMR__1118	BR	0.008	0.008	0.000	0.313	0.139
S-39-00	S-39-A	SMR__1119	BR	0.008	0.008	0.000	0.021	0.001
S-39-00	S-39-B	SMR__1120	BR	0.008	0.002	0.006	0.070	0.041
S-39-00	S-39-B	SMR__1121	BR	0.010	0.004	0.006	0.011	0.005
S-39-00	S-39-A	SMR__1122	BR	0.039	0.039	0.000	0.180	0.077
S-39-00	S-39-A	SMR__1123	BR	0.030	0.027	0.003	0.052	0.016
S-39-00	S-39-B	SMR__1124	BR	0.019	0.013	0.006	0.025	0.000
S-39-00	S-39-B	SMR__1125	BR	0.008	0.008	0.000	0.096	0.069
S-39-00	S-39-A	SMR__1126	BR	0.052	0.000	0.052	3.125	0.859
S-38-00	S-38-C	SMR__1127	BR	0.014	0.005	0.009	0.017	0.003
S-38-00	S-38-C	SMR__1128	BR	0.025	0.008	0.017	0.045	0.017
S-38-00	S-38-C	SMR__1129	BR	0.020	0.003	0.017	0.022	0.000
S-38-00	S-38-B	SMR__1130	BR	0.036	0.017	0.019	0.044	0.004
S-38-00	S-38-B	SMR__1131	BR	0.018	0.005	0.013	0.038	0.028
S-38-00	S-38-B	SMR__1132	BR	0.005	0.005	0.000	0.592	0.469
S-38-00	S-38-C	SMR__1133	BR	0.003	0.003	0.000	0.205	0.162
S-38-00	S-38-C	SMR__1134	BR	0.015	0.003	0.012	1.725	1.559
S-38-00	S-38-C	SMR__1135	BR	0.004	0.001	0.003	2.033	1.837
S-38-00	S-38-B	SMR__1136	BR	0.007	0.006	0.001	0.016	0.001
S-38-00	S-38-C	SMR__1137	BR	0.012	0.012	0.000	0.022	0.011
S-38-00	S-38-B	SMR__1138	BR	0.018	0.013	0.005	1.452	1.242
S-36-00	S-36-A	SMR__1139	BR	0.017	0.017	0.000	0.203	0.125
S-36-00	S-36-A	SMR__1140	BR	0.007	0.007	0.000	0.012	0.003
S-36-00	S-36-A	SMR__1141	BR	0.013	0.013	0.000	0.063	0.024
S-36-00	S-36-A	SMR__1142	BR	0.010	0.010	0.000	0.089	0.025
S-35-00	S-35-A	SMR__1143	BR	0.010	0.010	0.000	0.482	0.153
S-35-00	S-35-A	SMR__1144	BR	0.003	0.000	0.003	0.003	0.000
S-34-00	S-34-A	SMR__1145	BR	0.008	0.002	0.006	0.009	0.000
S-34-00	S-34-A	SMR__1146	BR	0.012	0.001	0.011	0.018	0.004
S-32-00	S-32-D	SMR__1147	BR	0.005	0.005	0.000	0.054	0.050
S-32-00	S-32-A	SMR__1148	BR	0.021	0.017	0.004	0.131	0.074
S-32-00	S-32-B	SMR__1149	BR	0.069	0.015	0.054	0.217	0.000
S-32-00	S-32-B	SMR__1150	BR	0.005	0.002	0.003	0.112	0.058
S-32-00	S-32-B	SMR__1151	BR	0.002	0.001	0.001	0.003	0.000
S-32-00	S-32-B	SMR__1152	BR	0.044	0.028	0.016	0.086	0.020
S-32-00	S-32-B	SMR__1153	BR	0.007	0.006	0.001	0.012	0.002
S-32-00	S-32-B	SMR__1154	BR	0.013	0.007	0.006	0.518	0.163

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					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-32-00	S-32-B	SMR__1155	BR	0.012	0.009	0.003	0.013	0.008
S-32-00	S-32-B	SMR__1156	BR	0.026	0.012	0.014	5.558	2.180
S-32-00	S-32-B	SMR__1157	BR	0.016	0.006	0.010	4.825	1.848
S-32-00	S-32-B	SMR__1158	BR	0.010	0.006	0.004	0.066	0.103
S-32-00	S-32-B	SMR__1159	BR	0.018	0.017	0.001	0.093	0.051
S-32-00	S-32-B	SMR__1160	BR	0.030	0.011	0.019	0.043	0.006
S-32-00	S-32-B	SMR__1161	BR	0.055	0.021	0.034	0.537	0.436
S-32-00	S-32-B	SMR__1162	BR	0.019	0.014	0.005	0.699	0.657
S-32-00	S-32-B	SMR__1163	BR	0.002	0.000	0.002	0.003	0.000
S-32-00	S-32-B	SMR__1164	BR	0.014	0.007	0.007	0.145	0.118
S-32-00	S-32-B	SMR__1165	BR	0.014	0.010	0.004	0.017	0.018
S-32-00	S-32-B	SMR__1166	BR	0.027	0.008	0.019	0.231	0.185
S-32-00	S-32-B	SMR__1167	BR	0.023	0.009	0.014	0.027	0.014
S-32-00	S-32-B	SMR__1168	BR	0.033	0.010	0.023	0.336	0.143
S-32-00	S-32-D	SMR__1169	BR	0.006	0.004	0.002	0.224	0.194
S-32-00	S-32-C	SMR__1170	BR	0.007	0.002	0.005	0.020	0.007
S-32-00	S-32-B	SMR__1171	BR	0.008	0.008	0.000	0.026	0.001
S-32-00	S-32-B	SMR__1172	BR	0.004	0.004	0.000	0.014	0.012
S-32-00	S-32-B	SMR__1173	BR	0.008	0.008	0.000	0.043	0.009
S-32-00	S-32-B	SMR__1174	BR	0.009	0.005	0.004	0.040	0.000
S-32-00	S-32-B	SMR__1175	BR	0.005	0.004	0.001	0.012	0.000
S-32-00	S-32-B	SMR__1176	BR	0.005	0.002	0.003	0.010	0.002
S-32-00	S-32-B	SMR__1177	BR	0.009	0.003	0.006	0.023	0.000
S-32-00	S-32-D	SMR__1178	BR	0.006	0.002	0.004	0.025	0.026
S-32-00	S-32-D	SMR__1179	BR	0.009	0.005	0.004	0.245	0.104
S-32-00	S-32-A	SMR__1180	BR	0.045	0.045	0.000	0.051	0.001
S-32-00	S-32-B	SMR__1181	BR	0.021	0.004	0.017	7.693	7.069
S-32-00	S-32-D	SMR__1182	BR	0.003	0.003	0.000	0.005	0.001
S-32-00	S-32-B	SMR__1183	BR	0.003	0.002	0.001	0.021	0.005
S-32-00	S-32-D	SMR__1184	BR	0.010	0.008	0.002	0.021	0.007
S-32-00	S-32-D	SMR__1185	BR	0.005	0.001	0.004	0.008	0.003
S-32-00	S-32-C	SMR__1186	BR	0.005	0.004	0.001	0.040	0.062
S-32-00	S-32-C	SMR__1187	BR	0.004	0.001	0.003	0.007	0.007
S-32-00	S-32-B	SMR__1188	BR	0.006	0.005	0.001	0.018	0.001
S-32-00	S-32-B	SMR__1189	BR	0.040	0.026	0.014	0.122	0.018
S-32-00	S-32-B	SMR__1190	BR	0.013	0.009	0.004	1.961	1.151
S-32-00	S-32-B	SMR__1191	BR	0.018	0.012	0.006	1.932	1.096
S-32-00	S-32-B	SMR__1192	BR	0.009	0.006	0.003	3.967	2.733
S-32-00	S-32-D	SMR__1193	BR	0.039	0.039	0.000	0.238	0.048

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-32-00	S-32-B	SMR__1194	BR	0.050	0.043	0.007	0.428	0.509
S-32-00	S-32-B	SMR__1195	BR	0.012	0.012	0.000	0.056	0.005
S-32-00	S-32-A	SMR__1196	BR	0.016	0.011	0.005	0.019	0.000
S-32-00	S-32-D	SMR__1197	BR	0.009	0.009	0.000	0.017	0.014
S-32-00	S-32-D	SMR__1198	BR	0.010	0.004	0.006	0.024	0.004
S-32-00	S-32-D	SMR__1199	BR	0.006	0.006	0.000	0.163	0.125
S-32-00	S-32-D	SMR__1200	BR	0.004	0.004	0.000	0.015	0.000
S-32-00	S-32-B	SMR__1201	BR	0.008	0.007	0.001	0.032	0.031
S-32-00	S-32-B	SMR__1202	BR	0.013	0.013	0.000	0.105	0.043
S-32-00	S-32-B	SMR__1203	BR	0.017	0.017	0.000	0.455	0.344
S-32-00	S-32-B	SMR__1204	BR	0.005	0.005	0.000	0.007	0.003
S-32-00	S-32-B	SMR__1205	BR	0.023	0.016	0.007	0.354	0.448
S-32-00	S-32-B	SMR__1206	BR	0.022	0.013	0.009	4.716	4.465
S-32-00	S-32-B	SMR__1207	BR	0.023	0.021	0.002	0.039	0.034
S-32-00	S-32-B	SMR__1208	BR	0.049	0.043	0.006	0.232	0.051
S-32-00	S-32-B	SMR__1209	BR	0.019	0.008	0.011	0.024	0.010
S-32-00	S-32-D	SMR__1210	BR	0.019	0.002	0.017	0.068	0.000
S-31-00	S-31-A	SMR__1211	BR	0.011	0.007	0.004	0.021	0.009
S-31-00	S-31-A	SMR__1212	BR	0.014	0.013	0.001	0.298	0.114
S-31-00	S-31-A	SMR__1213	BR	0.010	0.005	0.005	0.024	0.004
S-29-00	S-29-C	SMR__1214	BR	0.017	0.003	0.014	0.049	0.013
S-29-00	S-29-B	SMR__1215	BR	0.065	0.040	0.025	0.253	0.148
S-29-00	S-29-B	SMR__1216	BR	0.022	0.009	0.013	0.024	0.002
S-29-00	S-29-B	SMR__1217	BR	0.009	0.007	0.002	0.015	0.005
S-29-00	S-29-B	SMR__1218	BR	0.045	0.016	0.029	0.073	0.020
S-29-00	S-29-C	SMR__1219	BR	0.013	0.010	0.003	0.085	0.064
S-29-00	S-29-C	SMR__1220	BR	0.028	0.023	0.005	0.044	0.019
S-29-00	S-29-C	SMR__1221	BR	0.024	0.024	0.000	0.069	0.055
S-29-00	S-29-C	SMR__1222	BR	0.006	0.001	0.005	0.021	0.003
S-29-00	S-29-C	SMR__1223	BR	0.014	0.012	0.002	0.028	0.008
S-29-00	S-29-C	SMR__1224	BR	0.004	0.004	0.000	0.017	0.003
S-29-00	S-29-C	SMR__1225	BR	0.030	0.005	0.025	1.865	1.292
S-29-00	S-29-D	SMR__1226	BR	0.004	0.003	0.001	0.009	0.001
S-29-00	S-29-D	SMR__1227	BR	0.023	0.003	0.020	0.043	0.011
S-29-00	S-29-F	SMR__1228	BR	0.009	0.008	0.001	0.016	0.021
S-29-00	S-29-B	SMR__1229	BR	0.005	0.003	0.002	0.021	0.001
S-29-00	S-29-B	SMR__1230	BR	0.011	0.007	0.004	0.015	0.000
S-29-00	S-29-C	SMR__1231	BR	0.014	0.011	0.003	0.287	0.112
S-29-00	S-29-C	SMR__1232	BR	0.011	0.005	0.006	0.495	0.149

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-29-00	S-29-C	SMR__1233	BR	0.006	0.006	0.000	0.056	0.041
S-29-00	S-29-C	SMR__1234	BR	0.009	0.009	0.000	0.027	0.008
S-29-00	S-29-C	SMR__1235	BR	0.012	0.008	0.004	0.012	0.000
S-29-00	S-29-D	SMR__1236	BR	0.006	0.006	0.000	0.014	0.000
S-29-00	S-29-D	SMR__1237	BR	0.014	0.012	0.002	2.862	1.937
S-29-00	S-29-D	SMR__1238	BR	0.012	0.010	0.002	0.015	0.000
S-29-00	S-29-D	SMR__1239	BR	0.008	0.002	0.006	4.401	3.033
S-29-00	S-29-F	SMR__1240	BR	0.011	0.005	0.006	0.380	0.287
S-29-00	S-29-F	SMR__1241	BR	0.006	0.002	0.004	0.018	0.000
S-29-00	S-29-B	SMR__1242	BR	0.010	0.004	0.006	0.043	0.021
S-29-00	S-29-B	SMR__1243	BR	0.014	0.014	0.000	0.568	0.134
S-29-00	S-29-B	SMR__1244	BR	0.022	0.013	0.009	0.052	0.016
S-29-00	S-29-D	SMR__1245	BR	0.015	0.014	0.001	0.026	0.010
S-29-00	S-29-C	SMR__1246	BR	0.018	0.000	0.018	0.057	0.000
S-29-00	S-29-D	SMR__1247	BR	0.011	0.009	0.002	0.029	0.004
S-29-00	S-29-B	SMR__1248	BR	0.026	0.015	0.011	0.029	0.003
S-29-00	S-29-B	SMR__1249	BR	0.021	0.014	0.007	0.223	0.037
S-29-00	S-29-B	SMR__1250	BR	0.027	0.012	0.015	0.064	0.011
S-29-00	S-29-C	SMR__1251	BR	0.021	0.010	0.011	1.414	0.344
S-29-00	S-29-C	SMR__1252	BR	0.093	0.018	0.075	3.759	1.109
S-29-00	S-29-C	SMR__1253	BR	0.025	0.025	0.000	0.104	0.000
S-29-00	S-29-D	SMR__1254	BR	0.022	0.022	0.000	0.387	0.179
S-29-00	S-29-F	SMR__1255	BR	0.019	0.019	0.000	1.152	1.924
S-29-00	S-29-C	SMR__1256	BR	0.019	0.006	0.013	0.083	0.032
S-29-00	S-29-F	SMR__1257	BR	0.013	0.013	0.000	0.048	0.084
S-28-00	S-28-A	SMR__1258	BR	0.011	0.006	0.005	0.029	0.012
S-28-00	S-28-A	SMR__1259	BR	0.009	0.009	0.000	0.020	0.002
S-28-00	S-28-A	SMR__1260	BR	0.068	0.068	0.000	0.908	0.161
S-23-00	S-23-D	SMR__1261	BR	0.011	0.011	0.000	0.193	0.133
S-23-00	S-23-D	SMR__1262	BR	0.022	0.003	0.019	0.028	0.003
S-23-00	S-23-D	SMR__1263	BR	0.006	0.004	0.002	0.112	0.023
S-23-00	S-23-D	SMR__1264	BR	0.014	0.014	0.000	0.035	0.015
S-23-00	S-23-D	SMR__1265	BR	0.007	0.000	0.007	0.024	0.005
S-23-00	S-23-D	SMR__1266	BR	0.011	0.000	0.011	0.015	0.003
S-23-00	S-23-D	SMR__1267	BR	0.207	0.083	0.124	0.289	0.041
S-23-00	S-23-D	SMR__1268	BR	0.165	0.165	0.000	0.679	0.287
MH-18	MH-18-C	SMR__1269	BR	0.007	0.005	0.002	0.049	0.011
MH-18	MH-18-C	SMR__1270	BR	0.009	0.005	0.004	0.042	0.007
MH-18	MH-18-C	SMR__1271	BR	0.022	0.022	0.000	0.779	0.323

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					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
MH-18	MH-18-C	SMR__1272	BR	0.010	0.005	0.005	0.012	0.003
MH-18	MH-18-C	SMR__1273	BR	0.007	0.004	0.003	0.018	0.008
MH-18	MH-18-C	SMR__1274	BR	0.011	0.006	0.005	0.050	0.012
MH-18	MH-18-C	SMR__1275	BR	0.014	0.009	0.005	0.329	0.105
MH-18	MH-18-C	SMR__1276	BR	0.023	0.014	0.009	0.038	0.009
MH-18	MH-18-C	SMR__1277	BR	0.025	0.014	0.011	0.410	0.071
MH-18	MH-18-C	SMR__1278	BR	0.015	0.006	0.009	0.022	0.000
MH-18	MH-18-C	SMR__1279	BR	0.022	0.013	0.009	0.065	0.019
MH-18	MH-18-C	SMR__1280	BR	0.009	0.007	0.002	0.012	0.003
MH-18	MH-18-C	SMR__1281	BR	0.009	0.009	0.000	0.017	0.004
MH-18	MH-18-D	SMR__1282	BR	0.043	0.017	0.026	0.458	0.055
MH-18	MH-18-D	SMR__1283	BR	0.059	0.013	0.046	0.075	0.009
MH-18	MH-18-D	SMR__1284	BR	0.048	0.000	0.048	0.086	0.081
MH-18	MH-18-D	SMR__1285	BR	0.011	0.006	0.005	0.064	0.000
MH-18	MH-18-D	SMR__1286	BR	0.016	0.016	0.000	4.980	1.373
MH-18	MH-18-J	SMR__1287	BR	0.041	0.038	0.003	0.361	0.102
MH-18	MH-18-J	SMR__1288	BR	0.012	0.012	0.000	0.021	0.006
MH-18	MH-18-L	SMR__1289	BR	0.024	0.016	0.008	0.254	0.010
MH-18	MH-18-L	SMR__1290	BR	0.016	0.008	0.008	3.028	0.800
MH-18	MH-18-L	SMR__1291	BR	0.041	0.038	0.003	0.059	0.025
MH-18	MH-18-L	SMR__1292	BR	0.006	0.005	0.001	0.013	0.006
MH-18	MH-18-C	SMR__1293	BR	0.008	0.006	0.002	0.079	0.019
MH-18	MH-18-L	SMR__1294	BR	0.009	0.008	0.001	0.016	0.002
MH-18	MH-18-C	SMR__1295	BR	0.003	0.003	0.000	0.005	0.000
S-33-00	S-33-A	SMR__1296	BR	0.018	0.018	0.000	0.030	0.003
S-33-00	S-33-A	SMR__1297	BR	0.019	0.019	0.000	0.103	0.037
SMRE-40	SMRE-40-I	SMR__1298	BR	0.010	0.010	0.000	0.332	0.087
SMRE-40	SMRE-40-I	SMR__1299	BR	0.005	0.005	0.000	0.006	0.001
SMRE-40	SMRE-40-I	SMR__1300	BR	0.010	0.009	0.001	10.006	3.478
SMRE-40	SMRE-40-I	SMR__1301	BR	0.015	0.013	0.002	5.302	1.875
SMRE-40	SMRE-40-Y	SMR__1302	BR	0.010	0.007	0.003	0.039	0.018
SMRE-40	SMRE-40-F	SMR__1303	BR	0.021	0.006	0.015	0.031	0.010
SMRE-40	SMRE-40-F	SMR__1304	BR	0.023	0.014	0.009	0.043	0.013
SMRE-40	SMRE-40-F	SMR__1305	BR	0.008	0.008	0.000	0.023	0.014
SMRE-40	SMRE-40-F	SMR__1306	BR	0.017	0.002	0.015	0.443	0.208
SMRE-40	SMRE-40-F	SMR__1307	BR	0.011	0.010	0.001	0.191	0.024
SMRE-40	SMRE-40-F	SMR__1308	BR	0.008	0.003	0.005	0.102	0.022
SMRE-40	SMRE-40-F	SMR__1309	BR	0.004	0.004	0.000	0.006	0.002
SMRE-40	SMRE-40-F	SMR__1310	BR	0.011	0.009	0.002	0.078	0.038

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SMRE40	SMRE-40-F	SMR__1311	BR	0.021	0.021	0.000	0.023	0.009
SMRE-40	SMRE-40-E	SMR__1312	BR	0.007	0.003	0.004	0.010	0.001
S-24-00	S-24-D	SMR__1313	BR	0.012	0.010	0.002	0.069	0.031
S-24-00	S-24-D	SMR__1314	BR	0.024	0.018	0.006	0.039	0.006
S-24-00	S-24-D	SMR__1315	PP	0.010	0.007	0.003	0.039	0.010
S-24-00	S-24-D	SMR__1316	BR	0.018	0.014	0.004	0.547	0.257
S-24-00	S-24-D	SMR__1317	BR	0.014	0.010	0.004	0.033	0.000
S-24-00	S-24-D	SMR__1318	BR	0.010	0.005	0.005	0.012	0.002
S-24-00	S-24-D	SMR__1319	BR	0.009	0.005	0.004	0.013	0.001
S-24-00	S-24-D	SMR__1320	BR	0.012	0.008	0.004	0.016	0.001
S-24-00	S-24-D	SMR__1321	BR	0.011	0.011	0.000	0.491	0.097
S-24-00	S-24-D	SMR__1322	BR	0.006	0.005	0.001	0.009	0.001
S-24-00	S-24-D	SMR__1323	BR	0.005	0.005	0.000	0.009	0.001
S-24-00	S-24-D	SMR__1324	BR	0.030	0.030	0.000	0.088	0.033
S-24-00	S-24-C	SMR__1325	BR	0.006	0.001	0.005	0.036	0.014
S-24-00	S-24-C	SMR__1326	BR	0.009	0.003	0.006	0.012	0.003
S-24-00	S-24-C	SMR__1327	BR	0.016	0.003	0.013	0.033	0.012
S-24-00	S-24-C	SMR__1328	BR	0.007	0.002	0.005	0.058	0.024
S-24-00	S-24-C	SMR__1329	BR	0.020	0.003	0.017	1.598	0.540
S-24-00	S-24-C	SMR__1330	BR	0.020	0.005	0.015	3.713	1.104
S-24-00	S-24-C	SMR__1331	BR	0.018	0.009	0.009	0.748	0.216
S-24-00	S-24-C	SMR__1332	BR	0.013	0.013	0.000	0.043	0.016
S-24-00	S-24-C	SMR__1333	BR	0.005	0.005	0.000	0.009	0.000
S-24-00	S-24-C	SMR__1334	BR	0.009	0.009	0.000	0.012	0.000
S-24-00	S-24-C	SMR__1335	BR	0.018	0.017	0.001	0.029	0.002
S-24-00	S-24-C	SMR__1336	BR	0.008	0.004	0.004	0.021	0.006
S-24-00	S-24-C	SMR__1337	BR	0.145	0.000	0.145	0.205	0.000
S-24-00	S-24-B	SMR__1338	BR	0.039	0.000	0.039	0.198	0.117
S-24-00	S-24-B	SMR__1339	BR	0.059	0.001	0.058	0.071	0.005
S-24-00	S-24-B	SMR__1340	BR	0.014	0.003	0.011	0.032	0.013
S-24-00	S-24-A	SMR__1341	BR	0.014	0.014	0.000	0.228	0.105
S-24-00	S-24-A	SMR__1342	BR	0.010	0.000	0.010	0.091	0.029
S-24-00	S-24-A	SMR__1343	BR	0.009	0.009	0.000	0.014	0.006
S-24-00	S-24-A	SMR__1344	BR	0.007	0.007	0.000	0.507	0.104
S-24-00	S-24-C	SMR__1345	BR	0.006	0.002	0.004	0.017	0.000
MH-77	MH-77-F	SMR__1346	BR	0.011	0.005	0.006	0.074	0.032
MH-77	MH-77-F	SMR__1347	BR	0.019	0.006	0.013	0.038	0.009
MH-77	MH-77-F	SMR__1348	BR	0.012	0.005	0.007	3.590	1.823
MH-77	MH-77-C	SMR__1349	BR	0.015	0.003	0.012	0.039	0.002

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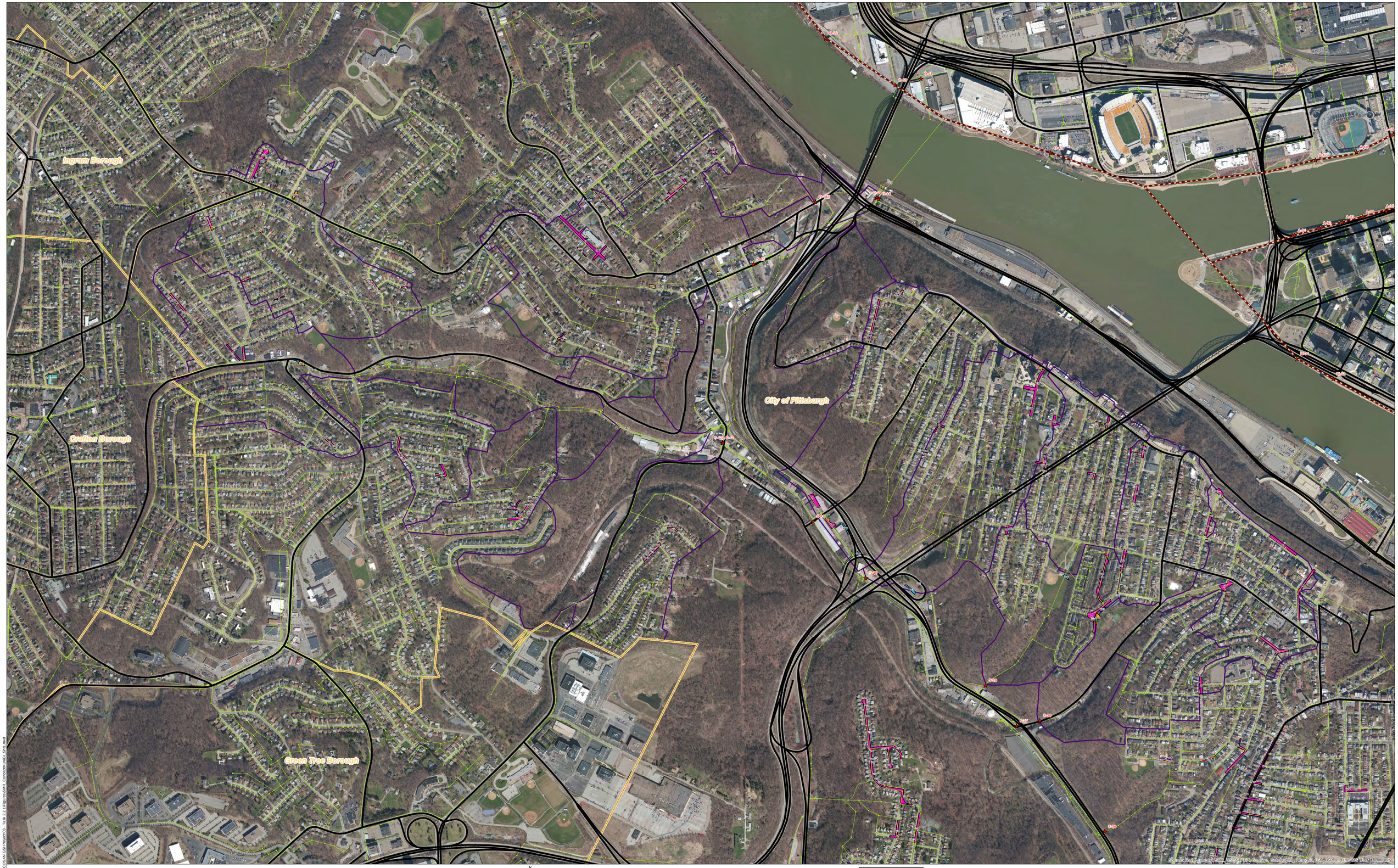
MH-77	MH-77-C	SMR__1350	BR	0.008	0.002	0.006	0.015	0.000
MH-77	MH-77-C	SMR__1351	BR	0.044	0.044	0.000	0.070	0.014
MH-77	MH-77-C	SMR__1352	BR	0.011	0.011	0.000	0.024	0.004
MH-77	MH-77-C	SMR__1353	BR	0.017	0.017	0.000	0.070	0.010
MH-77	MH-77-C	SMR__1354	BR	0.012	0.012	0.000	0.122	0.022
MH-77	MH-77-C	SMR__1355	BR	0.011	0.011	0.000	0.052	0.006
MH-77	MH-77-C	SMR__1356	BR	0.015	0.014	0.001	0.074	0.009
S-15	S-15-J	SMR__1357	BR	0.013	0.004	0.009	0.017	0.002
S-15	S-15-J	SMR__1358	BR	0.007	0.006	0.001	0.022	0.002
S-15	S-15-J	SMR__1359	BR	0.009	0.008	0.001	0.055	0.019
S-15	S-15-J	SMR__1360	BR	0.031	0.000	0.031	0.198	0.040
S-15	S-15-J	SMR__1361	BR	0.028	0.025	0.003	0.031	0.009
S-15	S-15-J	SMR__1362	BR	0.016	0.011	0.005	0.020	0.006
S-15	S-15-J	SMR__1363	BR	0.044	0.037	0.007	2.389	0.868
S-15	S-15-J	SMR__1364	BR	0.049	0.041	0.008	0.067	0.020
S-15	S-15-J	SMR__1365	BR	0.005	0.005	0.000	0.009	0.002
S-15	S-15-J	SMR__1366	BR	0.007	0.006	0.001	0.012	0.002
S-15	S-15-J	SMR__1367	BR	0.010	0.010	0.000	0.045	0.009
S-15	S-15-J	SMR__1368	BR	0.012	0.010	0.002	0.029	0.005
S-15	S-15-J	SMR__1369	BR	0.013	0.012	0.001	0.035	0.009
S-15	S-15-J	SMR__1370	BR	0.015	0.015	0.000	0.037	0.005
S-15	S-15-J	SMR__1371	BR	0.014	0.009	0.005	0.026	0.015
S-15	S-15-J	SMR__1372	BR	0.051	0.045	0.006	0.072	0.016
S-15	S-15-J	SMR__1373	BR	0.025	0.025	0.000	0.027	0.010
S-15	S-15-J	SMR__1374	BR	0.006	0.006	0.000	0.007	0.003
S-15	S-15-J	SMR__1375	BR	0.024	0.018	0.006	0.473	0.167
S-15	S-15-J	SMR__1376	BR	0.016	0.014	0.002	0.025	0.009
S-15	S-15-J	SMR__1377	BR	0.009	0.009	0.000	0.115	0.049
S-15	S-15-J	SMR__1378	BR	0.007	0.007	0.000	0.047	0.023
S-15	S-15-J	SMR__1379	BR	0.014	0.014	0.000	0.465	0.131
S-15	S-15-J	SMR__1380	BR	0.023	0.022	0.001	0.068	0.026
S-15	S-15-J	SMR__1381	BR	0.019	0.008	0.011	0.692	0.247
S-15	S-15-J	SMR__1382	BR	0.006	0.006	0.000	0.060	0.015
S-15	S-15-J	SMR__1383	BR	0.008	0.008	0.000	0.011	0.005
S-15	S-15-J	SMR__1384	BR	0.009	0.009	0.000	0.011	0.006
S-15	S-15-J	SMR__1385	BR	0.022	0.022	0.000	0.058	0.018
S-15	S-15-J	SMR__1386	BR	0.008	0.007	0.001	0.030	0.015
S-15	S-15-J	SMR__1387	BR	0.008	0.008	0.000	0.020	0.002
S-15	S-15-J	SMR__1388	BR	0.088	0.085	0.003	1.276	0.164

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-15	S-15-J	SMR__1389	BR	0.051	0.042	0.009	7.402	1.956
S-15	S-15-J	SMR__1390	BR	0.023	0.023	0.000	0.047	0.021
S-15	S-15-J	SMR__1391	BR	0.010	0.010	0.000	0.043	0.016
S-15	S-15-J	SMR__1392	BR	0.005	0.005	0.000	0.007	0.000
S-15	S-15-J	SMR__1393	BR	0.016	0.016	0.000	0.031	0.000
S-15	S-15-M	SMR__1394	BR	0.020	0.011	0.009	0.029	0.006
S-15	S-15-M	SMR__1395	BR	0.018	0.007	0.011	0.038	0.014
S-15	S-15-M	SMR__1396	BR	0.006	0.006	0.000	0.006	0.001
S-15	S-15-M	SMR__1397	BR	0.010	0.010	0.000	0.023	0.009
S-15	S-15-M	SMR__1398	BR	0.009	0.009	0.000	0.019	0.003
S-15	S-15-M	SMR__1399	BR	0.025	0.025	0.000	0.131	0.070
S-15	S-15-M	SMR__1400	BR	0.021	0.015	0.006	0.025	0.007
S-15	S-15-M	SMR__1401	BR	0.012	0.010	0.002	0.016	0.001
S-15	S-15-M	SMR__1402	BR	0.024	0.021	0.003	0.053	0.022
S-15	S-15-F	SMR__1403	BR	0.007	0.006	0.001	0.012	0.002
S-15	S-15-F	SMR__1404	BR	0.016	0.008	0.008	0.046	0.012
S-15	S-15-F	SMR__1405	BR	0.011	0.006	0.005	0.023	0.005
S-15	S-15-E	SMR__1406	BR	0.049	0.042	0.007	0.160	0.050
S-15	S-15-E	SMR__1407	BR	0.029	0.028	0.001	0.072	0.025
S-15	S-15-E	SMR__1408	BR	0.018	0.015	0.003	0.030	0.011
S-15	S-15-E	SMR__1409	BR	0.037	0.032	0.005	0.059	0.026
S-15	S-15-E	SMR__1410	BR	0.035	0.028	0.007	0.044	0.015
S-15	S-15-E	SMR__1411	BR	0.010	0.009	0.001	0.116	0.051
S-15	S-15-E	SMR__1412	BR	0.049	0.016	0.033	0.130	0.052
S-15	S-15-E	SMR__1413	BR	0.011	0.005	0.006	0.027	0.009
S-15	S-15-E	SMR__1414	BR	0.028	0.009	0.019	0.103	0.027
S-15	S-15-B	SMR__1415	BR	0.017	0.014	0.003	0.021	0.007
S-15	S-15-B	SMR__1416	BR	0.071	0.030	0.041	0.096	0.027
S-15	S-15-B	SMR__1417	BR	0.013	0.006	0.007	0.033	0.004
S-15	S-15-B	SMR__1418	BR	0.011	0.005	0.006	0.063	0.041
S-15	S-15-B	SMR__1419	BR	0.009	0.009	0.000	0.018	0.002
S-15	S-15-B	SMR__1420	BR	0.006	0.002	0.004	0.011	0.004
S-15	S-15-B	SMR__1421	BR	0.006	0.002	0.004	0.174	0.041
S-15	S-15-B	SMR__1422	BR	0.005	0.005	0.000	0.014	0.002
S-15	S-15-B	SMR__1423	BR	0.012	0.005	0.007	0.020	0.007
S-15	S-15-B	SMR__1424	BR	0.021	0.009	0.012	0.067	0.009
S-15	S-15-B	SMR__1425	BR	0.014	0.009	0.005	0.038	0.008
S-15	S-15-B	SMR__1426	BR	0.011	0.008	0.003	0.053	0.014
S-15	S-15-B	SMR__1427	BR	0.014	0.013	0.001	0.077	0.032

ALCOSAN POC	Model Subcatchment	Concept Municipal Project UID	BMP Type	Concept Municipal Project Area (acres)	Public ROW or Parcel		Concept Municipal Project Individual Drainage Area (acres)*	Concept Municipal Project Individual Project Impervious Drainage Area (acres)*
					Area of Municipal Project in Public ROW (acres)	Area of Municipal Project outside of Public ROW (acres)		
S-15	S-15-D	SMR__1428	BR	0.021	0.010	0.011	0.026	0.006
S-15	S-15-C	SMR__1429	BR	0.015	0.006	0.009	0.278	0.036
S-15	S-15-C	SMR__1430	BR	0.015	0.008	0.007	0.044	0.011
S-15	S-15-C	SMR__1431	BR	0.010	0.008	0.002	3.526	0.758
S-15	S-15-C	SMR__1432	BR	0.011	0.009	0.002	0.829	0.112
S-15	S-15-C	SMR__1433	BR	0.010	0.009	0.001	0.033	0.014
MH-11	MH-11-H	SMR__2001	IB	0.077	0.023	0.054	0.107	0.000
MH-11	MH-11-H	SMR__2002	IB	0.012	0.006	0.006	0.031	0.003
MH-11	MH-11-G	SMR__2003	IB	0.061	0.061	0.000	0.428	0.434
S-46-00	S-46-A	SMR__2004	IB	0.075	0.013	0.062	50.059	28.157
S-46-00	S-46-A	SMR__2005	IB	0.056	0.018	0.038	0.218	0.120
S-38-00	S-38-A	SMR__2006	IB	0.100	0.014	0.086	0.262	0.099
S-29-00	S-29-C	SMR__2007	IB	0.037	0.000	0.037	0.875	0.158
S-29-00	S-29-B	SMR__2008	IB	0.085	0.000	0.085	0.477	0.104



ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
One Overall Manholes
One Overall Sewerlines

Municipal Projects
Infiltration Basin
Bioretention
Permeable Pavement

State Roads
Combined Sewer Subcatchment
Municipal Boundaries

N W E S

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1 Inch = 500 Feet

Page 1

ALCOSAN GSI Project
Saw Mill Run North (MH-11 through S-38)
Concept Municipal GSI Projects

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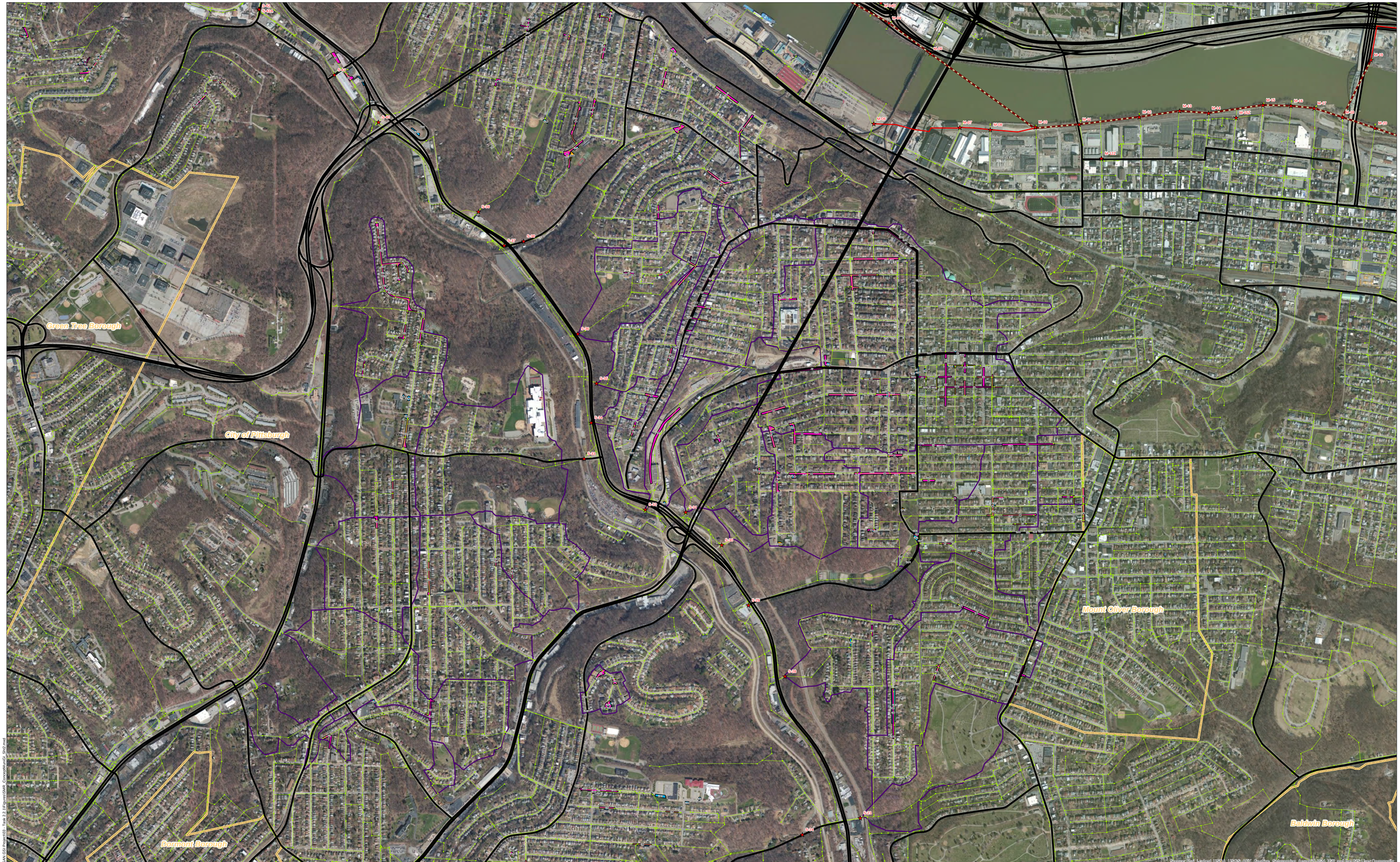

ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
One Overall Manholes
One Overall Sewerlines

Municipal Projects
Infiltration Basin
Bioretention
Permeable Pavement

State Roads
Combined Sewer Subcatchment
Municipal Boundaries

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1 Inch = 600 Feet

Page 2

ALCOSAN GSI Project
Saw Mill Run Central (MH-18 through S-23)
Concept Municipal GSI Projects

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ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
One Overall Manholes
One Overall Sewerlines

Municipal Projects
Infiltration Basin
Bioretention
Permeable Pavement

State Roads
Combined Sewer Subcatchment
Municipal Boundaries

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1 Inch = 400 Feet

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ALCOSAN GSI Project
Saw Mill Run South (S-24 through S-15)
Concept Municipal GSI Projects

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Ingram Borough

Crafton Borough

Green Tree Borough

City of Pittsburgh

ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
One Overall Manholes
One Overall Sewerlines

Permeable Pavement Municipal Projects
Permeable Pavement Drainage Areas
State Roads
Combined Sewer Subcatchment
Municipal Boundaries

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1 Inch = 500 Feet

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ALCOSAN GSI Project
Saw Mill Run North (MH-11 thru S-38)
Concept Municipal Permeable Pavement GSI Projects
Individual Project Drainage Areas

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Green Tree Borough

City of Pittsburgh

Dormont Borough

Mount Oliver Borough

Baldwin Borough

- ALCOSAN Structures
- Shallow-Cut Interceptor
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- One Overall Sewerlines
- Permeable Pavement Municipal Projects
- Permeable Pavement Drainage Areas
- State Roads
- Combined Sewer Subcatchment
- Municipal Boundaries

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1 Inch = 600 Feet

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

ALCOSAN GSI Project
Saw Mill Run Central (MH-18 thru S-23)
Concept Municipal Permeable Pavement GSI Projects
Individual Project Drainage Areas

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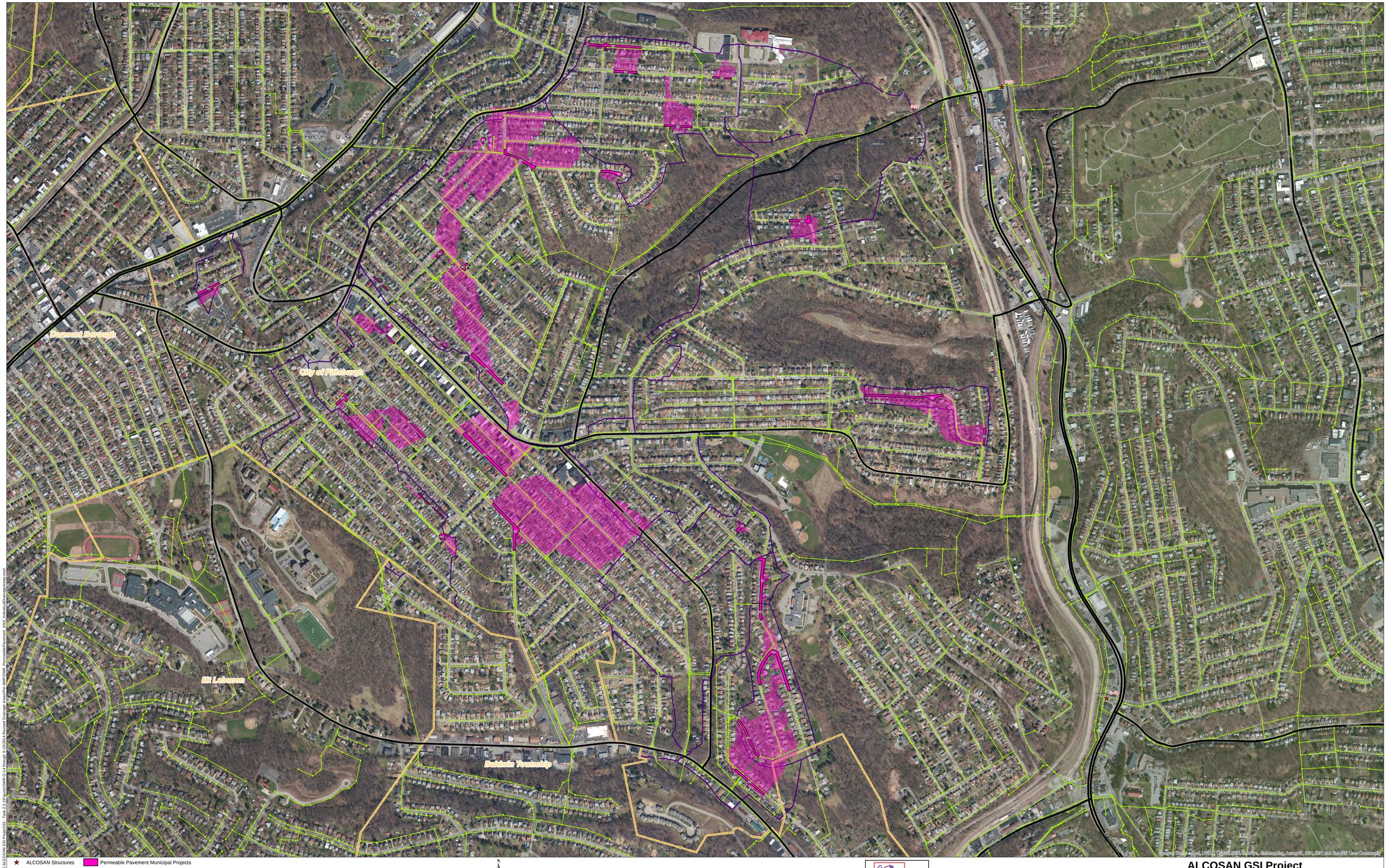

ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
One Overall Manholes
One Overall Sewerlines
Permeable Pavement Municipal Projects
Permeable Pavement Drainage Areas
State Roads
Combined Sewer Subcatchment
Municipal Boundaries

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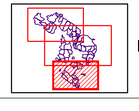
1 Inch = 400 Feet



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ALCOSAN GSI Project
Saw Mill Run South (S-24 thru S-15)
Concept Municipal Permeable Pavement GSI Projects
Individual Project Drainage Areas

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Ingram Borough

Crafton Borough

Green Tree Borough

City of Pittsburgh

ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
One Overall Manholes
One Overall Sewerlines

Bioretention Municipal Projects
Bioretention Drainage Areas
State Roads
Combined Sewer Subcatchment
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1 Inch = 500 Feet

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ALCOSAN GSI Project
Saw Mill Run North (MH-11 thru S-38)
Concept Municipal Bioretention GSI Projects
Individual Project Drainage Areas

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Green Tree Borough

City of Pittsburgh

Dormont Borough

Mount Oliver Borough

Baldwin Borough

- ALCOSAN Structures
- Shallow-Cut Interceptor
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- Combined Sewer Subcatchment
- Municipal Boundaries

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1 Inch = 600 Feet



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ALCOSAN GSI Project
Saw Mill Run Central (MH-18 thru S-23)
Concept Municipal Bioretention GSI Projects
Individual Project Drainage Areas

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
One Overall Manholes
One Overall Sewerlines
Bioretention Municipal Projects
Bioretention Drainage Areas
State Roads
Combined Sewer Subcatchment
Municipal Boundaries

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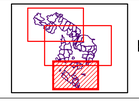
1 Inch = 400 Feet



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ALCOSAN GSI Project
Saw Mill Run South (S-24 thru S-15)
Concept Municipal Bioretention GSI Projects
Individual Project Drainage Areas

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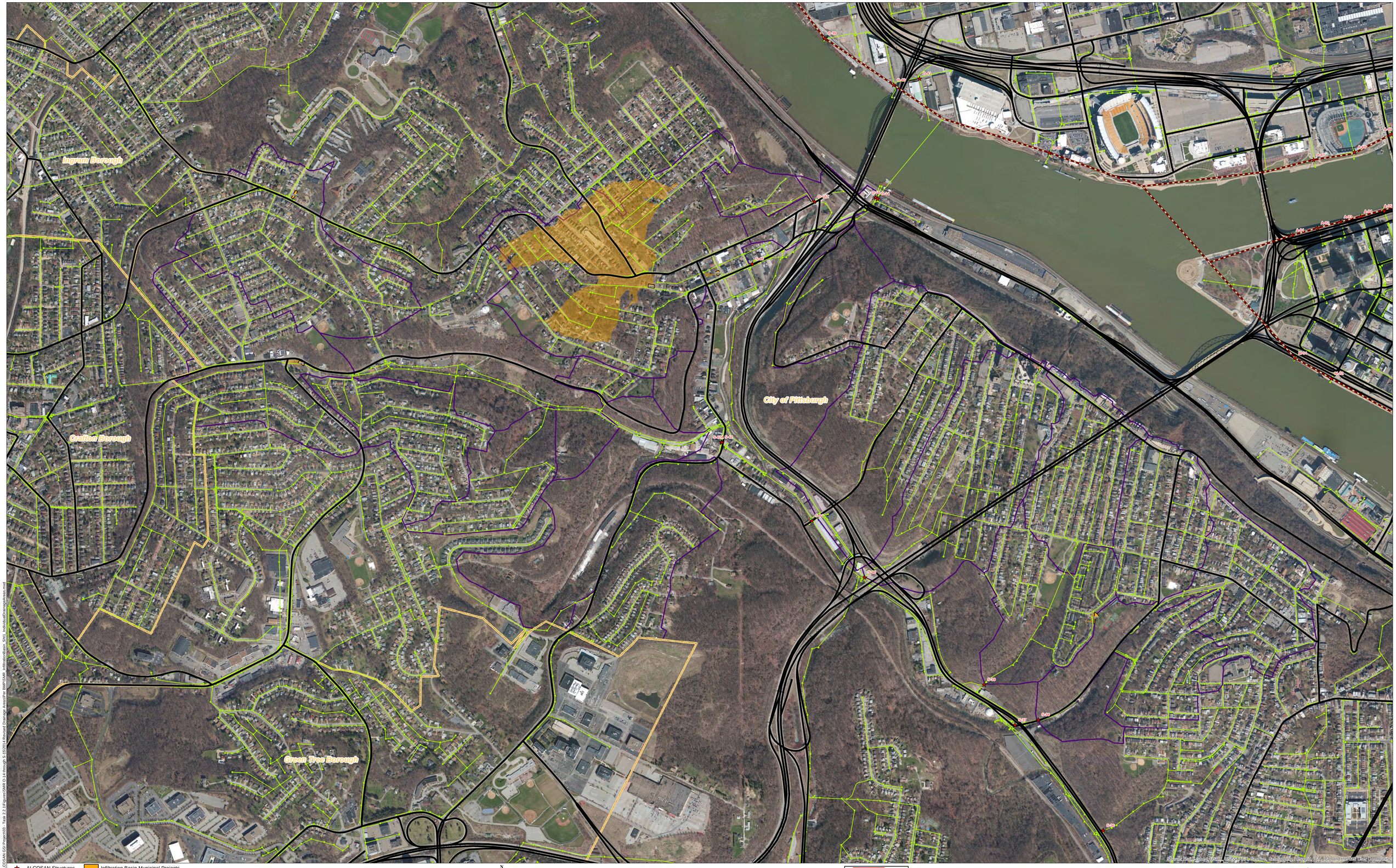

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- ALCOSAN Structures
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- One Overall Sewerlines
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1 Inch = 500 Feet

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ALCOSAN GSI Project

Saw Mill Run North (MH-11 thru S-38)

Concept Municipal Infiltration Basin GSI Projects

Individual Project Drainage Areas

Green Tree Borough

City of Pittsburgh

Mount Oliver Borough

Baldwin Borough

Dormont Borough

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1 Inch = 600 Feet



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ALCOSAN GSI Project

Saw Mill Run Central (MH-18 thru S-23)

Concept Municipal Infiltration Basin GSI Projects

Individual Project Drainage Areas

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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Saw Mill Run Concept Commercial / Institutional Permeable Pavement, Green Roof, and Special Case GSI Projects: Summary Table

December 27, 2013
Revised October 10, 2014

ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
S-15	S-15-J	SMR__6000	CPP	0.532	0.000	0.532	0.000	0.000
S-15	S-15-J	SMR__6001	CPP	0.077	0.000	0.077	0.000	0.000
S-15	S-15-J	SMR__6002	CPP	0.175	0.000	0.175	0.000	0.000
S-15	S-15-C	SMR__6003	CPP	0.230	0.222	0.000	0.000	0.008
S-15	S-15-C	SMR__6004	CPP	0.096	0.096	0.000	0.000	0.000
S-15	S-15-D	SMR__6005	CPP	0.051	0.049	0.000	0.000	0.002
MH-18	MH-18-NN	SMR__6006	CPP	0.198	0.176	0.000	0.000	0.022
SMRE40	SMRE-40-I	SMR__6007	CPP	0.100	0.100	0.000	0.000	0.000
SMRE40	SMRE-40-K	SMR__6008	CPP	0.345	0.000	0.345	0.000	0.000
S-33	S-33-A	SMR__6009	CPP	0.660	0.000	0.660	0.000	0.000
S-33	S-33-A	SMR__6010	CPP	0.491	0.000	0.491	0.000	0.000
S-33	S-33-A	SMR__6011	CPP	1.855	0.000	1.855	0.000	0.000
S-33	S-33-A	SMR__6012	CPP	0.407	0.000	0.407	0.000	0.000
MH-18	MH-18-D	SMR__6013	CPP	0.951	0.000	0.951	0.000	0.000
MH-18	MH-18-D	SMR__6014	CPP	0.351	0.000	0.347	0.000	0.004
MH-18	MH-18-D	SMR__6015	CPP	1.377	0.000	1.377	0.000	0.000
MH-18	MH-18-D	SMR__6016	CPP	0.481	0.000	0.481	0.000	0.000
S-24	S-24-C	SMR__6017	CPP	0.375	0.000	0.375	0.000	0.000
S-24	S-24-B	SMR__6018	CPP	0.842	0.000	0.842	0.000	0.000
S-15	S-15-J	SMR__6019	CPP	0.268	0.263	0.000	0.000	0.005
MH-18	MH-18-J	SMR__6020	CPP	0.120	0.001	0.116	0.000	0.003
S-24	S-24-D	SMR__6021	CPP	0.142	0.120	0.000	0.000	0.022
MH-11	MH-11-H	SMR__6023	CPP	0.112	0.000	0.112	0.000	0.000
MH-11	MH-11-H	SMR__6024	CPP	0.307	0.307	0.000	0.000	0.000
MH-11	MH-11-G	SMR__6025	CPP	0.150	0.000	0.144	0.000	0.006

ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
MH-11	MH-11-A	SMR__6026	CPP	0.989	0.987	0.000	0.000	0.002
S-46-00	S-46-A	SMR__6027	CPP	0.321	0.000	0.319	0.000	0.002
S-46-00	S-46-A	SMR__6028	CPP	0.073	0.000	0.068	0.000	0.005
S-46-00	S-46-A	SMR__6029	CPP	0.043	0.043	0.000	0.000	0.000
S-46-00	S-46-A	SMR__6030	CPP	0.481	0.000	0.477	0.000	0.004
MH-N03	MH-N03-A	SMR__6031	CPP	0.325	0.052	0.050	0.000	0.223
S-41-00	S-41-A	SMR__6034	CPP	0.250	0.250	0.000	0.000	0.000
S-41-00	S-41-A	SMR__6035	CPP	0.125	0.125	0.000	0.000	0.000
S-41-00	S-41-A	SMR__6036	CPP	0.524	0.404	0.003	0.000	0.117
S-41-00	S-41-A	SMR__6037	CPP	0.049	0.030	0.000	0.000	0.019
S-41-00	S-41-A	SMR__6038	CPP	0.107	0.095	0.000	0.000	0.012
S-40-00	S-40-A	SMR__6041	CPP	0.110	0.110	0.000	0.000	0.000
S-40-00	S-40-A	SMR__6042	CPP	0.141	0.000	0.141	0.000	0.000
S-40-00	S-40-A	SMR__6043	CPP	0.165	0.165	0.000	0.000	0.000
S-40-00	S-40-A	SMR__6044	CPP	0.252	0.000	0.252	0.000	0.000
S-39-00	S-39-B	SMR__6046	CPP	0.046	0.041	0.000	0.000	0.005
S-39-00	S-39-B	SMR__6047	CPP	0.053	0.000	0.053	0.000	0.000
S-40-00	S-40-A	SMR__6048	CPP	0.061	0.000	0.061	0.000	0.000
S-39-00	S-39-B	SMR__6049	CPP	0.055	0.000	0.050	0.000	0.005
S-38-00	S-38-C	SMR__6050	CPP	0.181	0.000	0.181	0.000	0.000
S-38-00	S-38-C	SMR__6051	CPP	0.133	0.133	0.000	0.000	0.000
S-38-00	S-38-B	SMR__6052	CPP	0.266	0.265	0.000	0.000	0.001
S-38-00	S-38-B	SMR__6053	CPP	0.106	0.000	0.106	0.000	0.000
S-38-00	S-38-B	SMR__6054	CPP	0.659	0.658	0.000	0.000	0.001
S-38-00	S-38-B	SMR__6055	CPP	0.109	0.093	0.000	0.000	0.016
S-36-00	S-36-A	SMR__6056	CPP	0.144	0.000	0.138	0.000	0.006
S-38-00	S-38-B	SMR__6057	CPP	0.841	0.000	0.789	0.000	0.052
S-36-00	S-36-A	SMR__6058	CPP	0.175	0.000	0.159	0.000	0.016
S-36-00	S-36-A	SMR__6061	CPP	0.056	0.000	0.000	0.000	0.056
S-32-00	S-32-C	SMR__6064	CPP	0.155	0.153	0.000	0.000	0.002

ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
S-32-00	S-32-C	SMR__6068	CPP	0.071	0.000	0.067	0.000	0.004
S-32-00	S-32-D	SMR__6071	CPP	0.079	0.079	0.000	0.000	0.000
S-32-00	S-32-D	SMR__6072	CPP	0.206	0.206	0.000	0.000	0.000
S-32-00	S-32-B	SMR__6073	CPP	0.972	0.000	0.972	0.000	0.000
S-32-00	S-32-A	SMR__6074	CPP	0.688	0.000	0.688	0.000	0.000
S-32-00	S-32-A	SMR__6076	CPP	0.085	0.000	0.085	0.000	0.000
S-32-00	S-32-A	SMR__6078	CPP	0.117	0.000	0.117	0.000	0.000
S-32-00	S-32-A	SMR__6079	CPP	0.149	0.000	0.149	0.000	0.000
S-32-00	S-32-A	SMR__6080	CPP	0.117	0.000	0.117	0.000	0.000
S-32-00	S-32-B	SMR__6082	CPP	0.098	0.098	0.000	0.000	0.000
S-32-00	S-32-B	SMR__6083	CPP	0.127	0.000	0.127	0.000	0.000
S-32-00	S-32-B	SMR__6084	CPP	0.158	0.000	0.000	0.158	0.000
S-32-00	S-32-B	SMR__6085	CPP	0.068	0.034	0.034	0.000	0.000
S-32-00	S-32-B	SMR__6086	CPP	0.172	0.154	0.000	0.000	0.018
S-32-00	S-32-B	SMR__6087	CPP	0.136	0.135	0.000	0.000	0.001
S-32-00	S-32-B	SMR__6088	CPP	0.147	0.000	0.146	0.000	0.001
S-32-00	S-32-B	SMR__6092	CPP	0.078	0.075	0.000	0.000	0.003
S-32-00	S-32-B	SMR__6093	CPP	0.203	0.000	0.180	0.000	0.023
S-29-00	S-29-C	SMR__6094	CPP	0.139	0.000	0.123	0.000	0.016
S-29-00	S-29-D	SMR__6096	CPP	0.273	0.000	0.213	0.000	0.060
S-32-00	S-32-B	SMR__6097	CPP	0.053	0.000	0.053	0.000	0.000
S-29-00	S-29-B	SMR__6098	CPP	0.064	0.000	0.064	0.000	0.000
S-31-00	S-31-A	SMR__6099	CPP	0.102	0.101	0.000	0.000	0.001
S-29-00	S-29-B	SMR__6100	CPP	0.174	0.000	0.174	0.000	0.000
S-29-00	S-29-D	SMR__6101	CPP	0.179	0.000	0.179	0.000	0.000
S-29-00	S-29-D	SMR__6102	CPP	0.217	0.000	0.217	0.000	0.000
S-29-00	S-29-C	SMR__6103	CPP	0.229	0.000	0.229	0.000	0.000
S-29-00	S-29-D	SMR__6104	CPP	0.057	0.056	0.000	0.000	0.001
S-29-00	S-29-F	SMR__6105	CPP	0.078	0.078	0.000	0.000	0.000
S-29-00	S-29-D	SMR__6106	CPP	0.082	0.075	0.000	0.000	0.007

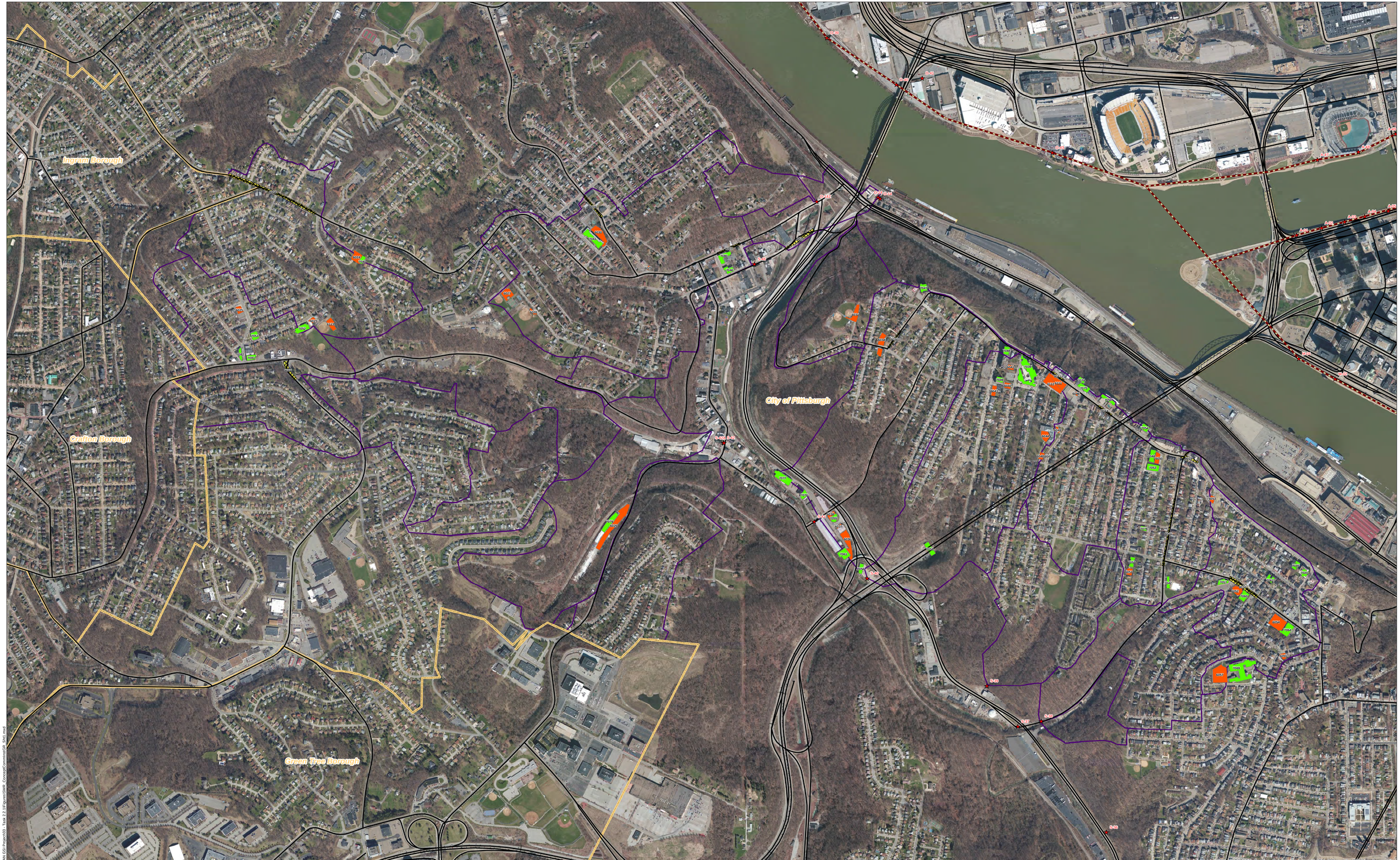
ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
S-29-00	S-29-F	SMR__6107	CPP	0.111	0.107	0.000	0.000	0.004
S-29-00	S-29-D	SMR__6108	CPP	0.055	0.000	0.055	0.000	0.000
S-23-00	S-23-D	SMR__6110	CPP	0.063	0.045	0.000	0.000	0.018
S-39-00	S-39-B	SMR__6111	CPP	0.379	0.367	0.000	0.000	0.012
S-40-00	S-40-A	SMR__6112	CPP	0.483	0.483	0.000	0.000	0.000
MH-11	MH-11-H	SMR__6113	CPP	0.249	0.000	0.249	0.000	0.000
S-32-00	S-32-D	SMR__6114	CPP	0.083	0.083	0.000	0.000	0.000
S-32-00	S-32-D	SMR__6115	CPP	0.286	0.283	0.000	0.000	0.003
S-29-00	S-29-H	SMR__6116	CPP	0.106	0.106	0.000	0.000	0.000
S-29-00	S-29-H	SMR__6117	CPP	0.076	0.072	0.000	0.000	0.004
S-29-00	S-29-F	SMR__6118	CPP	0.256	0.242	0.014	0.000	0.000
S-15	S-15-J	SMR__7000	GR	0.157	0.000	0.157	0.000	0.000
S-15	S-15-J	SMR__7001	GR	0.255	0.000	0.255	0.000	0.000
S-15	S-15-C	SMR__7002	GR	0.163	0.162	0.000	0.000	0.001
S-15	S-15-J	SMR__7003	GR	0.361	0.000	0.361	0.000	0.000
S-15	S-15-J	SMR__7004	GR	0.246	0.246	0.000	0.000	0.000
S-15	S-15-J	SMR__7005	GR	0.140	0.140	0.000	0.000	0.000
S-15	S-15-J	SMR__7006	GR	0.147	0.132	0.015	0.000	0.000
S-15	S-15-J	SMR__7007	GR	0.139	0.008	0.131	0.000	0.000
S-15	S-15-J	SMR__7008	GR	0.227	0.000	0.227	0.000	0.000
S-33	S-33-A	SMR__7009	GR	3.182	0.000	3.182	0.000	0.000
MH-18	MH-18-D	SMR__7010	GR	0.452	0.000	0.452	0.000	0.000
MH-18	MH-18-D	SMR__7011	GR	0.680	0.000	0.680	0.000	0.000
MH-18	MH-18-J	SMR__7012	GR	0.178	0.171	0.000	0.000	0.007
SMRE-40	SMRE-40-E	SMR__7013	GR	0.481	0.000	0.481	0.000	0.000
MH-18	MH-18-L	SMR__7014	GR	0.265	0.000	0.265	0.000	0.000
SMRE-40	SMRE-40-I	SMR__7015	GR	0.126	0.124	0.002	0.000	0.000
SMRE-40	SMRE-40-Y	SMR__7016	GR	0.413	0.000	0.413	0.000	0.000
SMRE-40	SMRE-40-I	SMR__7017	GR	0.297	0.297	0.000	0.000	0.000
SMRE-40	SMRE-40-I	SMR__7018	GR	0.133	0.133	0.000	0.000	0.000

ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
SMRE-40	SMRE-40-I	SMR__7019	GR	0.227	0.227	0.000	0.000	0.000
S-38	S-38-B	SMR__7020	GR	0.148	0.055	0.007	0.000	0.086
S-32	S-32-B	SMR__7021	GR	0.809	0.000	0.773	0.000	0.036
S-32	S-32-B	SMR__7022	GR	0.158	0.157	0.000	0.000	0.001
S-32	S-32-B	SMR__7023	GR	0.304	0.000	0.276	0.000	0.028
S-32	S-32-B	SMR__7024	GR	0.111	0.109	0.000	0.000	0.002
S-32	S-32-B	SMR__7025	GR	0.377	0.371	0.000	0.000	0.006
S-32	S-32-B	SMR__7026	GR	0.197	0.000	0.197	0.000	0.000
S-32	S-32-B	SMR__7027	GR	0.256	0.000	0.000	0.256	0.000
S-29	S-29-C	SMR__7028	GR	0.984	0.000	0.984	0.000	0.000
S-32	S-32-B	SMR__7029	GR	0.139	0.131	0.000	0.000	0.008
S-29	S-29-D	SMR__7030	GR	0.113	0.000	0.113	0.000	0.000
S-29	S-29-D	SMR__7031	GR	0.300	0.000	0.300	0.000	0.000
S-23	S-23-D	SMR__7032	GR	0.256	0.256	0.000	0.000	0.000
S-28	S-28-A	SMR__7033	GR	0.122	0.000	0.122	0.000	0.000
S-29	S-29-F	SMR__7034	GR	0.106	0.093	0.000	0.000	0.013
S-29	S-29-D	SMR__7035	GR	0.187	0.175	0.000	0.000	0.012
S-29	S-29-B	SMR__7036	GR	0.155	0.000	0.155	0.000	0.000
S-29	S-29-D	SMR__7037	GR	0.133	0.133	0.000	0.000	0.000
S-23	S-23-D	SMR__7038	GR	0.154	0.148	0.000	0.000	0.006
S-40	S-40-A	SMR__7039	GR	0.899	0.400	0.000	0.000	0.499
MH-11	MH-11-H	SMR__7040	GR	0.116	0.116	0.000	0.000	0.000
S-46	S-46-A	SMR__7041	GR	0.424	0.000	0.424	0.000	0.000
S-38	S-38-C	SMR__7042	GR	0.125	0.000	0.125	0.000	0.000
S-32	S-32-B	SMR__7043	GR	0.328	0.000	0.328	0.000	0.000
S-38	S-38-C	SMR__7044	GR	0.201	0.000	0.201	0.000	0.000
S-38	S-38-B	SMR__7045	GR	0.140	0.121	0.000	0.000	0.019
S-46	S-46-A	SMR__7046	GR	0.168	0.164	0.000	0.000	0.004
S-41	S-41-A	SMR__7047	GR	0.182	0.132	0.000	0.000	0.050
S-41	S-41-A	SMR__7048	GR	0.152	0.147	0.000	0.000	0.005

ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
S-40	S-40-A	SMR__7049	GR	0.125	0.000	0.125	0.000	0.000
S-39	S-39-B	SMR__7050	GR	0.192	0.192	0.000	0.000	0.000
MH-11	MH-11-G	SMR__7051	GR	0.189	0.002	0.168	0.000	0.019
MH-11	MH-11-H	SMR__7052	GR	0.314	0.000	0.314	0.000	0.000
S-38	S-38-C	SMR__7053	GR	0.274	0.000	0.274	0.000	0.000
S-39	S-39-B	SMR__7054	GR	0.156	0.082	0.016	0.000	0.058
S-41	S-41-A	SMR__7055	GR	0.145	0.132	0.000	0.000	0.013
S-41	S-41-A	SMR__7056	GR	0.138	0.000	0.000	0.000	0.138
S-38	S-38-B	SMR__7057	GR	0.163	0.152	0.000	0.000	0.011
S-40	S-40-A	SMR__7058	GR	0.253	0.000	0.252	0.000	0.001
S-38	S-38-C	SMR__7059	GR	0.145	0.144	0.000	0.000	0.001
S-38	S-38-B	SMR__7060	GR	0.244	0.244	0.000	0.000	0.000
S-41	S-41-A	SMR__7061	GR	0.308	0.270	0.038	0.000	0.000
S-38	S-38-B	SMR__7062	GR	0.136	0.130	0.000	0.000	0.006
S-32	S-32-D	SMR__7063	GR	0.255	0.255	0.000	0.000	0.000
S-38	S-38-B	SMR__7064	GR	0.360	0.360	0.000	0.000	0.000
S-32	S-32-B	SMR__7065	GR	0.215	0.000	0.215	0.000	0.000
S-32	S-32-C	SMR__7066	GR	0.195	0.195	0.000	0.000	0.000
S-32	S-32-B	SMR__7067	GR	0.128	0.127	0.000	0.000	0.001
S-32	S-32-A	SMR__7068	GR	0.357	0.357	0.000	0.000	0.000
S-36	S-36-A	SMR__7069	GR	1.066	0.000	1.052	0.000	0.014
S-32	S-32-B	SMR__7070	GR	0.165	0.162	0.000	0.000	0.003
S-32	S-32-A	SMR__7071	GR	0.945	0.001	0.941	0.000	0.003
S-32	S-32-D	SMR__7072	GR	0.256	0.256	0.000	0.000	0.000
S-32	S-32-B	SMR__7073	GR	0.256	0.000	0.249	0.000	0.007
S-39	S-39-B	SMR__7074	GR	0.099	0.014	0.085	0.000	0.000
S-39	S-39-B	SMR__7075	GR	0.208	0.208	0.000	0.000	0.000
S-41	S-41-A	SMR__7076	GR	0.153	0.145	0.000	0.000	0.008
S-41	S-41-A	SMR__7077	GR	0.464	0.464	0.000	0.000	0.000
S-38	S-38-C	SMR__7078	GR	0.089	0.089	0.000	0.000	0.000

ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
MH-11	MH-11-A	SMR__7079	GR	0.362	0.353	0.000	0.009	0.000
S-46	S-46-A	SMR__7080	GR	0.258	0.258	0.000	0.000	0.000
MH-11	MH-11-G	SMR__7081	GR	0.162	0.155	0.000	0.000	0.007
MH-11	MH-11-G	SMR__7082	GR	0.113	0.106	0.000	0.000	0.007
S-24	S-24-B	SMR__7083	GR	0.911	0.000	0.911	0.000	0.000
MH-77	MH-77-F	SMR__7084	GR	0.135	0.135	0.000	0.000	0.000
MH-77	MH-77-F	SMR__7085	GR	0.117	0.117	0.000	0.000	0.000
S-24	S-24-C	SMR__7086	GR	0.400	0.000	0.400	0.000	0.000
MH-11	MH-11-G	SMR__8001	SRPP	0.275	0.000	0.038	0.000	0.237
S-23-00	S-23-D	SMR__8002	SRPP	0.573	0.000	0.000	0.000	0.573
S-29-00	S-29-F	SMR__8003	SRPP	0.614	0.000	0.000	0.000	0.614
MH-18	MH-18-L	SMR__8004	SRPP	1.068	0.001	0.000	0.000	1.067
S-15	S-15-J	SMR__8005	SRPP	4.083	0.000	0.000	0.000	4.083
S-46-00	S-46-A	SMR__8006	SRPP	0.277	0.000	0.000	0.000	0.277
S-46-00	S-46-A	SMR__8007	SRPP	0.206	0.000	0.000	0.000	0.206
MH-11	MH-11-H	SMR__8008	SRPP	1.028	0.002	0.000	0.000	1.026
S-32-00	S-32-B	SMR__8009	SRPP	0.743	0.000	0.001	0.000	0.742
S-32-00	S-32-A	SMR__8010	SRPP	0.181	0.000	0.033	0.000	0.148
S-39-00	S-39-B	SMR__8011	SRPP	0.134	0.000	0.000	0.000	0.134
MH-18	MH-18-D	SMR__8012	SRPP	0.319	0.000	0.000	0.000	0.319
S-39-00	S-39-B	SMR__8014	SRPP	0.143	0.000	0.006	0.000	0.137
S-38-00	S-38-C	SMR__8016	SRPP	0.514	0.000	0.000	0.000	0.514
S-32-00	S-32-D	SMR__8017	SRPP	0.964	0.000	0.000	0.000	0.964
S-32-00	S-32-D	SMR__8018	SRPP	0.267	0.000	0.000	0.000	0.267
S-32-00	S-32-C	SMR__8019	SRPP	0.377	0.003	0.000	0.000	0.374
S-32-00	S-32-B	SMR__8020	SRPP	1.779	0.000	0.000	0.000	1.779
MH-18	MH-18-NN	SMR__8022	SRPP	0.786	0.000	0.000	0.000	0.786
MH-77	MH-77-F	SMR__8023	SRPP	0.408	0.000	0.000	0.000	0.408
S-32-00	S-32-B	SMR__8025	SRPP	1.136	0.000	0.000	0.000	1.136
S-29-00	S-29-C	SMR__8026	SRPP	0.710	0.000	0.067	0.000	0.643

ALCOSAN POC	Model Subcatchment	Concept Comm / Inst Project UID	BMP Type	Concept Municipal Project Area (acres)	Taxable (acres)	Exempt (acres)	Provisionally Exempt (acres)	Public ROW (acres)
MH-18	MH-18-J	SMR__8027	SRPP	0.506	0.000	0.000	0.000	0.506
MH-1C	MH-03-A	SMR__8028	SRPP	0.360	0.000	0.000	0.000	0.360
S-38-00	S-38-C	SMR__8029	SRPP	0.210	0.000	0.000	0.000	0.210
S-41-00	S-41-A	SMR__8030	SRPP	0.162	0.000	0.000	0.000	0.162
S-38-00	S-38-B	SMR__8031	SRPP	0.480	0.019	0.000	0.000	0.461
MH-77	MH-77-F	SMR__8032	SRPP	0.145	0.000	0.000	0.000	0.145
S-29-00	S-29-F	SMR__8033	SRPP	0.311	0.000	0.000	0.000	0.311
SMRE-40	SMRE-40-F	SMR__8034	SRPP	0.222	0.000	0.000	0.000	0.222


Ingram Borough
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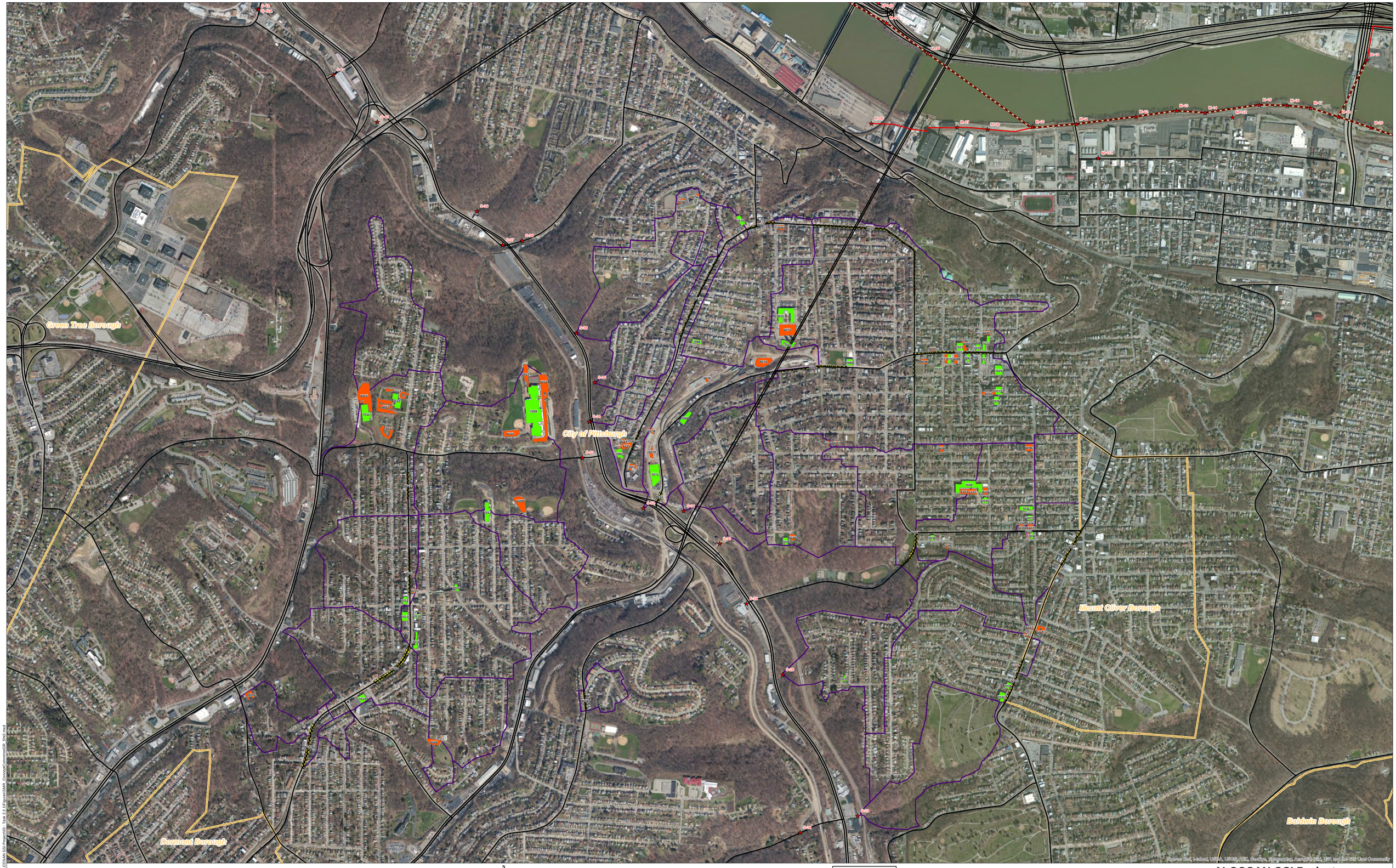
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Source: Esri, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

ALCOSAN Structures
Shallow-Cut Interceptor
Deep Tunnel Interceptor
Special Case
Concept Commercial / Institutional Permeable Pavement Projects
Concept Green Roof Projects
State Roads
Combined Sewer Subcatchment
Municipal Boundaries

N W E S

0 200 400 800 1,200 1,600
1 Inch = 400 Feet



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ALCOSAN GSI Project
Saw Mill Run South (S-24 through S-15)
Concept Commercial / Institutional
and Green Roof GSI Projects

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