



Starting at the Source:  
How Our Region Can Work Together for Clean Water  
Appendix B - GSI Installations in the ALCOSAN Service Area

## **Appendix E-2 – GSI Installations in the ALCOSAN Service Area**



Appendix B serves as a listing of green stormwater infrastructure projects that currently exist or are planned to be installed within ALCOSAN’s customer municipalities. This list is current as of November 2014 and is based upon the regional GSI database maintained by 3 Rivers Wet Weather (3RWW). The database is updated periodically by 3RWW and a searchable map of the GSI Projects is located at the website:

<http://www.3riverswetweather.org/green/community-map>.

*Note: Projects that are still in the planning or construction phase are listed in italics.*

GSI Technology	Project Name	Address			Municipality
Bioswale	Baldwin High School	4653	Clairton Boulevard	15263	Baldwin
Pervious Pavers	Baldwin High School	4653	Clairton Boulevard	15263	Baldwin
Bioinfiltration in Curb Bumpouts	Bellevue Streetscape	602	Lincoln Avenue	15202	Bellevue
Pervious Concrete	Sota Construction Corporate Offices	80	Union Avenue	15202	Bellevue
Community Gardens	Borough of Millvale	8	Butler Street	15209	Borough of Millvale
Rain Garden	Residential	265	Noble Avenue	15205	Crafton
Permeable Pavement, Street Trees, and Underground Storage	Etna Streetscape – Phase 1	3	Garden Alley	15223	Etna
<i>Permeable Pavement, Street Trees, and Underground Storage</i>	<i>Etna Streetscape - Phase 2</i>		<i>Butler Street, Love Alley, and Freeport Street</i>	<i>15223</i>	<i>Etna</i>
Permeable Pavement, Rain Barrel, and Rain Garden	Beechwood Farms	614	Dorseyville Road	15238	Fox Chapel
Bioretention	Spencer Woods Detention Pond Retrofit		Spencer Grove Lane	15116	Glenshaw
Rain Garden	Greentree Fire Hall Rain Garden	825	Poplar Street	15220	Green Tree



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<i>Grassed Pavers</i>	<i>Greentree Hale Park</i>	<i>Silver Oak Drive</i>	<i>15220</i>	<i>Green Tree</i>
<i>Cistern</i>	<i>Greentree Park</i>	<i>Greentree Road</i>	<i>15220</i>	<i>Green Tree</i>
Green Roof	Five and Ten Lofts	213 East Eighth Avenue	15120	Homestead
<i>Tree Pit</i>	<i>Homestead's Frick Park Tree Pit</i>	<i>Tenth Avenue and Amity Street</i>	<i>15120</i>	<i>Homestead</i>
Bioswale	Hawthorne Road Bioswale, Millvale	146 Hawthorne Road	15209	Millvale
Rain Garden	Millvale Library Rain Garden	213 Grant Avenue	15209	Millvale
Rain Garden	Millvale Rain Garden	Butler Street	15209	Millvale
Bioswale	Mt. Alvernia Parking Lot Area	146 Hawthorne Road	15209	Millvale
Green Roof	Embassy of Asbury Heights	230 Beverly Road	15216	Mount Lebanon
Permeable Pavers and Rain Gardens	Mt. Lebanon High School	155 Cochran Road	15228	Mt. Lebanon
Rain Garden with 135 Gallon Rain Barrel	Mt. Lebanon Park Municipal Rain Garden Demonstration Project	900 Cedar Boulevard	15228	Mt. Lebanon
Green Roof	Spring Hill Suites Hotel	611 Washington Road	15228	Mt. Lebanon
Rain Garden	Kerr Elementary School	341 Kittanning Pike	15215	O'Hara Township
Green Roof	VAPHS Ambulatory Care Center	1010 Delafield Road	15215	O'Hara Township
Rain Garden	Residential	1526 Maple Avenue	15147	Penn Hills
Green Roof	16th and Bingham Condos	76 South 16th Street	15203	Pittsburgh
Rain Garden	3RWW Rain Garden	3901 Penn Ave Building #3	15224	Pittsburgh
Bioswales	ALCOSAN Customer Services and Training Building	3101 Preble Avenue	15233	Pittsburgh
Pervious Pavement Parking Lot	ALCOSAN O&M Building	3300 Preble Avenue	15233	Pittsburgh



GSI Technology	Project Name	Address			Municipality
Green Roof	ALCOSAN Operations and Maintenance Facility	3300	Preble Avenue	15233	Pittsburgh
Rain Garden	Aldi's Rain Gardens	3089	Sussex Avenue	15226	Pittsburgh
Rain Garden	Allegheny County Courthouse Courtyard	436	Grant Street	15219	Pittsburgh
Green Roof	Bakery Square Retail Complex	6425	Penn Avenue	15206	Pittsburgh
Rain Barrel and Rain Garden	Biddle Building, Frick Park	800	South Braddock Avenue	15221	Pittsburgh
Cistern and Rain Garden	Borland Green	Black Street and North Beatty Street		15206	Pittsburgh
Bioswale and Rain Garden	Burgh Bees	6900	Susquehanna Street	15208	Pittsburgh
Green Roof and Rain Garden	Cardinal Resources Office	1505	East Carson Street	15203	Pittsburgh
Bioswale	Carnegie Library, Hill Branch	2177	Centre Avenue	15219	Pittsburgh
Green Roof	Carnegie Mellon University, Hamerschlag Hall	5000	Forbes Avenue	15213	Pittsburgh
Green Roof	Carnegie Mellon University, Mellon Institute	4400	Fifth Avenue	15213	Pittsburgh
Rainwater Catch Tank	Carnegie-Mellon University Collaborative Innovation Center	5000	Forbes Avenue	15213	Pittsburgh
Green Roof and Rainwater Harvesting System	Carnegie-Mellon University Doherty Hall	5000	Forbes Avenue	15213	Pittsburgh
Green Roof and Rainwater Harvesting System	Carnegie-Mellon University Gates Center	5000	Forbes Avenue	15213	Pittsburgh
Green Roof	Carnegie-Mellon University Hamerschlag Hall	5000	Forbes Avenue	15213	Pittsburgh
Green Roof	Carnegie-Mellon University Porter Hall	5000	Forbes Avenue	15213	Pittsburgh



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Green Roof	Carnegie-Mellon University Posner Center	5000	Forbes Avenue	15213	Pittsburgh
Underground Cistern	Carnegie-Mellon University Purnell Center for the Arts	5000	Forbes Avenue	15213	Pittsburgh
Green Roof	Century Building	130	7th Street	15222	Pittsburgh
Rain Garden	Chatham University – Shadyside Campus	1	Woodland Drive	15232	Pittsburgh
Green Roof	Children's Hospital of Pittsburgh	4401	Penn Avenue	15224	Pittsburgh
Green Roof	Children's Museum of Pittsburgh	10	Children's Way	15212	Pittsburgh
Green Roof and Rain Barrel	Conservation Consultants, Inc.	64	South 14th Street	15203	Pittsburgh
Green Roof	County Office Building	414	Grant Street	15219	Pittsburgh
Green Roof	David Lawrence Convention Center	1000	Fort Duquesne Blvd	15222	Pittsburgh
Rain Garden	East Liberty Presbyterian Church Rain Gardens	116	S Highland Avenue	15206	Pittsburgh
Rain Barrel and Rain Garden	Edgewood Train Station	101	E Swissvale Avenue	15218	Pittsburgh
Cistern, Permeable Pavement and Rain Garden	EECO Center	200	Larimer Road	15206	Pittsburgh
Green Roof	Energy Innovation Center	1501	Bedford Avenue	15219	Pittsburgh
Rain Garden	Etna Community Pool Rain Garden	437	Butler Street	15223	Pittsburgh
Bioinfiltration	Etna School St Parking Lot	School Street and Walnut Street		15223	Pittsburgh
Green Roof and Green Wall	Falk School	4060	Allequippa Street	15261	Pittsburgh
Green Roof	Residential	928	South Aiken Avenue	15232	Pittsburgh
Bioswales and permeable pavement	Four Mile Run	Saline Street and Alexis Street		15207	Pittsburgh



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Bioretention and Wetlands	Frick Environmental Center	2005	Beechwood Boulevard	15217	Pittsburgh
Green Roof	Heinz 57	357	6 <sup>th</sup> Avenue	15222	Pittsburgh
Green Roof	Highmark Building	120	5 <sup>th</sup> Avenue	15222	Pittsburgh
Green Roof	Highmark Fifth Avenue Place	120	Fifth Avenue	15222	Pittsburgh
Green Roof	inter*ARCHITECTURE	4915	Penn Avenue	15224	Pittsburgh
Rain Garden	Kalida Drive and Centre Avenue Rain Garden 1	Kalida Drive and Centre Avenue		15206	Pittsburgh
Rain Garden	Rain Garden	Larimer Avenue and Auburn Street		15206	Pittsburgh
Green Roof	Market at Fifth	Fifth Avenue & Market Street		15222	Pittsburgh
Green Roof	Market House Condominiums	5570	Centre Avenue	15232	Pittsburgh
Rainwater Harvesting System	McGowan Institute	450	Technology Drive	15219	Pittsburgh
Permeable pavement and 3 Rain Garden Sites	McKinley Park	Amesbury Street and Delmont Avenue		15210	Pittsburgh
Green Roof	National Aviary	700	Arch Street	15212	Pittsburgh
Porous Concrete and Rain Garden	Oak Hill Housing	3078	Terrace Street	15213	Pittsburgh
Infiltration Trench	Panther Hollow Beacon Street Infiltration Trench	Hobart Street and Beacon Street		15217	Pittsburgh
Retentive Grading Areas	Panther Hollow Pilot Projects	Hobart Street and Beacon Street		15217	Pittsburgh
Green Roof	Pashek Associates Office	619	East Ohio Street	15212	Pittsburgh
Green Roof Demonstration Project	Penn Ave at Whitfield St Bus Shelter Green Roof	Penn Avenue at Whitfield Street		15206	Pittsburgh



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Bioswale, Cistern, Constructed Wetland, Grassed Pavers, Green Roofs, Lagoon, Non-Paved Parking, and Permeable Asphalt	Phipps Conservatory & Phipps Center for Sustainable Landscapes	1	Schenley Park	15213	Pittsburgh
Pervious Pavement	Pittsburgh Glass Center	5472	Penn Avenue	15206	Pittsburgh
Rainwater Harvesting System on White Roof	Pittsburgh Project Guest House	2801	North Charles Street	15214	Pittsburgh
Green Roof	Pittsburgh Zoo & PPG Aquarium Water's Edge/Polar Bear Building	One	Wild Place	15206	Pittsburgh
Green Wall	PNC Bank Green Wall	249	Fifth Avenue	15222	Pittsburgh
Rain Garden	Pulse House	5151	Penn Avenue	15224	Pittsburgh
Rain Garden	Residential	1100	Macon Avenue	15218	Pittsburgh
Rain Garden	Residential	6531	Aylesboro Avenue	15217	Pittsburgh
Rain Garden	Residential	5484	Hays Street	15206	Pittsburgh
Rain Garden	Residential	5546	Hays Street	15206	Pittsburgh
Rain Garden	Residential	5556	Hays Street	15206	Pittsburgh
Rain Garden	Residential	826	Chislett Street	15206	Pittsburgh
Rain Garden	Residential	5556	Black Street	15206	Pittsburgh
Rain Garden	Residential	1416	Hyde Street	15205	Pittsburgh
Rain Garden	Residential	111	Greenboro Lane	15220	Pittsburgh
Rain Garden	Residential	2428	Silveroak Drive	15220	Pittsburgh
Rain Garden	Rodef Shalom	4905	Fifth Avenue	15213	Pittsburgh
Rain Garden	Residential	2830	Strachan Avenue	15216	Pittsburgh
Rainwater Detention Tanks	Rivers Casino and Riverfront Park	777	Casino Drive	15212	Pittsburgh



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Rain Gardens	Rosedale Runoff Reduction Project	Frankstown Avenue and Wheeler Street	15221	Pittsburgh	
Stormwater Tree Pits	Rosedale Runoff Reduction Project	Oakwood Street and Batavia Street	15221	Pittsburgh	
Cistern	Sarah Heinz House Association	1 Heinz Street	15212	Pittsburgh	
Bioswale, Rain Barrels, Rain Gardens, and Successional Meadows	Schenley Park	101 Panther Hollow Road	15213	Pittsburgh	
Successional Meadows	Schenley Park Golf Course and Pool	101 Panther Hollow Road	15213	Pittsburgh	
Green Roof	Shadyside Giant Eagle	5550 Centre Avenue	15232	Pittsburgh	
Green Roof	Soldiers and Sailors Hall Green Roof	4141 Fifth Avenue	15213	Pittsburgh	
Rain Garden	Squirrel Hill Post Office	1800 Murray Avenue	15232	Pittsburgh	
Rain Garden	Temple Sinai Rain Garden	5505 Forbes Avenue	15217	Pittsburgh	
Green Roof	Three PNC Plaza	225 Fifth Avenue	15222	Pittsburgh	
Green Roof	University of Pittsburgh, Benedum Hall	3700 O'Hara Street	15213	Pittsburgh	
Green Roof	University of Pittsburgh, Falk Laboratory School	4060 Aliquippa Street	15261	Pittsburgh	
Green Wall (Trellis Style)	WPC/ALCO Parking Lot Green Wall	7 <sup>th</sup> Street and Ft. Duquesne Boulevard	15222	Pittsburgh	
Green Roof	YMCA Downtown at Market Square	240 Fifth Avenue	15222	Pittsburgh	
Tree Planting	Harvard Street	6226 Harvard Street	15206	Pittsburgh	
Tree Planting	Harvard Street	5910 Harvard Street	15206	Pittsburgh	
Tree Planting	Kirkwood Street	6117 Kirkwood Street	15206	Pittsburgh	
Tree Planting	Penn Circle North	5900 Penn Circle North	15206	Pittsburgh	



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Tree Planting	Tamello & Beatty	135	Tamello Way	15206	Pittsburgh
Pervious Pavement	Ross Township Municipal Building	1000	Ross Municipal Drive	15237	Ross
Rain Garden	Shaler Rain Garden	300	Wetzel Road	15116	Shaler Township
Rain Garden	Residential	7204	Whipple Street	15218	Swissvale
Rain Garden	Word of God School	7436	McClure Avenue	15218	Swissvale
Rain Garden	Municipal Building Rain Garden	1820	McLaughlin Road	15241	Upper St. Clair
Permeable Pavement	The Outdoor Classroom	1531	Mayview Road	15241	Upper St. Clair
Bioswale	Township of Upper St. Clair Recreation Center	1551	Mayview Road	15241	Upper St. Clair
Green Roof	Wingfield Pines	1550	Mayview Road	15241	Upper St. Clair
Green Roof	Steel City Rowing Club	101	Arch Street	15147	Verona
Porous Brick Pavers, Rain gardens, Retention Pond, and Vegetated Swale	West View Green Infrastructure Demonstration Project		Center Avenue between Hawthorne Avenue and Norwich Avenue	15229	West View
Green Roof	Whitehall Municipal Building	100	Borough Park Drive	15236	Whitehall
Planter Box and Permeable Pavement	Biddle's Escape	401	Biddle Avenue	15221	Wilkinsburg
Rain Garden	Pittsburgh Urban Christian School	809	Center Street	15221	Wilkinsburg
Rain Garden	Residential	316	Biddle Avenue	15221	Wilkinsburg
Rain Barrel and Rain Garden	Former Nine Mile Run Office	702	South Trenton Avenue	15221	Wilkinsburg
Rain Garden	Whitney Park		Verdi Way	15221	Wilkinsburg