



News Release

FOR IMMEDIATE RELEASE

Contact: Jeanne K. Clark
ALCOSAN Information Officer
(412) 734-6222 (O)
(412) 735-8197 (C)

ALCOSAN AWARDS \$9 MILLION FOR 32 MUNICIPAL PROJECTS

The work will cut nearly 70 million gallons each year in sewer overflows

February 8, 2017 – The Allegheny County Sanitary Authority Board of Directors has approved \$9 million in matching grants for 32 municipal projects that will significantly reduce the volume of sewer overflows within the ALCOSAN collection system. Together, these projects in 18 municipalities and 10 Pittsburgh neighborhoods will remove nearly 70 million gallons of storm water and ground water from the ALCOSAN system annually.

ALCOSAN created the Green Revitalization of Our Waterways (GROW) program in June and immediately began working with its 83 member municipalities and municipal sewer authorities that send wastewater to its treatment facility.

Any municipality or municipal sewer authority within the ALCOSAN service area was eligible to submit a letter of interest for grants in the first funding cycle, and a new round of inquiries will be accepted annually going forward.

The grants may be used to install green storm water reduction technology, remove streams from the sewer system, reduce the amount of water seeping in through groundwater or to separate out storm sewers. In addition to new projects, some completed projects that were constructed after 2013 also were eligible for consideration for reimbursement.

Initially, municipalities and authorities submitted letters of interest for 59 projects (with an additional letter of endorsement for a neighboring municipal project) and, of those, 48 were invited to submit formal applications. In all, 45 applications were submitted, and 32 projects will receive significant financial contributions from ALCOSAN. Grants range from 25 percent of eligible costs to as much as 85 percent, based on the amount of overflow removed by the project, and the cost-efficiency in doing so. Under terms of their agreements with ALCOSAN, the recipients will be required to make sure the effectiveness of the projects is monitored and that the improvements are maintained long-term.

In addition to financial support, ALCOSAN provides technical expertise and other assistance to municipalities for the projects, all with the aim of removing unnecessary storm water and ground water from the system because it triggers unsanitary overflows. The grant program is one of the largest of its kind in the nation.

The GROW program is an essential part of ALCOSAN's long-term green first plan to create cleaner waterways in compliance with regulations of the federal Clean Water Act and the Pennsylvania Clean Streams Law and to help the municipalities in the ALCOSAN system fulfill their responsibilities under the Pennsylvania Department of Environmental Protection and the Allegheny County Health Department.

Brenda Smith, chairperson of the Green Committee of the ALCOSAN board, provided essential leadership and guidance in creating this program. Smith, who is also executive director of Nine Mile Run Watershed Association said, "Members of the Alcosan Board of Directors are very excited to be able to partner with so many of our customer municipalities on such a significant group of projects, which all have the same goal – to remove excess water from our sewers and help reduce sewer overflows into our rivers and streams."

"Reducing excess water by starting at the source – in our partner municipalities -- is a key component to cleaning up our rivers and streams," said Executive Director Arletta Scott Williams. "We are pleased to give them the dollars and the assistance they need."

The grants are the first in a series of funding cycles. ALCOSAN will accept letters of interest for Cycle 2 through March 31. The project locations, brief descriptions and the amount of the GROW grants are listed in a separate document.

ALCOSAN is one of the region's premier environmental and public health organizations, treating wastewater for 83 Allegheny County communities, including the City of Pittsburgh. The authority, which is Green by Mission and Green by Choice, enhances the community's quality of life and safety by working to protect drinking water, rivers and streams, and making the Pittsburgh region a great place to live, work and play. ALCOSAN's 59-acre treatment plant processes up to 250 million gallons of wastewater daily and is one of the largest such facilities in the Ohio River Valley.



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ALCOSAN AWARDS SECOND ROUND OF FUNDING FOR MUNICIPAL PROJECTS ***\$9 million in matching grants will further reduce sewer overflows***

October 27, 2017 – The Allegheny County Sanitary Authority Board of Directors has completed its second round of funding for the innovative work that began earlier this year when ALCOSAN launched its Green Revitalization of Our Waterways program.

The board approved \$9 million in grants for 29 projects that make up Cycle II of the GROW program, instituted to reduce the volume of sewer overflows within the ALCOSAN system. Together, these projects in 25 municipalities, including four neighborhoods in the City of Pittsburgh, will remove nearly 39 million gallons of stormwater and ground water from the ALCOSAN system annually. Grants were awarded in Phase I for 30 projects that will remove nearly 70 million gallons.

The latest grants, approved Thursday, October 26, are for green infrastructure projects of the Pittsburgh Water & Sewer Authority. One project each was approved for the South Side, Hill District, Point Breeze and Oakland.

In addition, the ALCOSAN board approved the other 25 projects in September.

A list of all recipients and a summary of all of the projects is attached.

“ALCOSAN is gratified by the interest in the GROW program that is demonstrated by the volume of applications from our customer municipalities,” said Board Chair Sylvia Wilson. “We are very pleased to make this second round of awards, and we look forward to continuing success going forward into 2018.”

ALCOSAN created the GROW program in 2016 and immediately began working with its 83 member municipalities and municipal sewer authorities that send wastewater to its treatment facility. Any municipality or municipal sewer authority within the ALCOSAN service area is eligible for GROW grants. The third phase will begin in February 2018, and ALCOSAN already is scheduling information meetings to assist municipalities that need it for the application process.

The grants may be used to install green storm water reduction technology, remove streams from the sewer system, reduce the amount of water seeping in through groundwater or separate out storm sewers. In addition to new projects, some completed projects that were constructed after 2014 also were eligible for consideration for reimbursement.

In Cycle II, municipalities and authorities submitted letters of interest for 45 projects. Of those, 42 were invited to submit formal applications. In all, 40 applications were submitted, and 29 projects have been approved for significant financial contributions from ALCOSAN. Grants range from 25 percent of eligible costs to as much as 85 percent, based on the cost-efficiency in removing gallons of overflow. Under terms of their agreements with ALCOSAN, the recipients will be required to make sure the effectiveness of the projects is monitored and that the improvements are maintained long-term.

In addition to financial support, ALCOSAN provides technical expertise and other assistance to municipalities for the projects, all with the aim of removing unnecessary stormwater and ground water from the system because it triggers unsanitary overflows

The GROW program is an essential part of ALCOSAN's long-term, green-first plan to create cleaner waterways in compliance with regulations of the federal Clean Water Act and the Pennsylvania Clean Streams Law and to help the municipalities in the ALCOSAN system fulfill their responsibilities under the Pennsylvania Department of Environmental Protection and the Allegheny County Health Department.

ALCOSAN is one of the region's premier environmental and public health organizations, treating wastewater for 83 Allegheny County communities, including the City of Pittsburgh. The authority, which is Green by Mission and Green by Choice, enhances the community's quality of life and safety by working to protect drinking water, rivers and streams, and making the Pittsburgh region a great place to live, work and play. ALCOSAN's 59-acre treatment plant processes up to 250 million gallons of wastewater daily and is one of the largest such facilities in the Ohio River Valley.



News Release

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**3 RIVERS
PROUD**

Contact: Joey Vallarian
ALCOSAN Director of Communications
(412) 734-6274 (O)
(412) 552-0246 (C)

ALCOSAN AWARDS GROW FUNDING FOR 19 PROJECTS

17 Municipalities Part of GROW's Third Cycle

September 27, 2018 – The Allegheny County Sanitary Authority's Board of Directors today approved \$4,116,580 in grant offers as part of the third round of ALCOSAN's Green Revitalization of Our Waterways (GROW) program.

Seventeen municipalities were awarded the grants for a total of 19 green infrastructure, sewer separation and sanitary sewer pipe lining projects that are projected to remove 16 million gallons of overflow volume per year. A listing of this year's projects is below.

"We continue to be very excited about our GROW program," said Arletta Scott Williams, ALCOSAN's Executive Director. "Not only is GROW an integral part of ALCOSAN's Clean Water Plan, but it also provides us yet another opportunity to partner with our municipal customers."

In the first and second cycles during 2017, ALCOSAN offered grants worth a total of \$18 million for 59 projects. In all, those projects are expected to reduce the volume of overflows into the region's waterways by nearly 109 million gallons. A total of 43 municipalities and 14 city of Pittsburgh neighborhoods have benefitted from the GROW grants.

ALCOSAN created the GROW program in 2016 and immediately began working with its 83 member municipalities and municipal sewer authorities that send wastewater to the ALCOSAN treatment facility. Any municipality or municipal sewer authority within the ALCOSAN service area is eligible for GROW grants. The fourth phase will begin later this year, and ALCOSAN already is scheduling information meetings to assist municipalities that need it for the application process.

The GROW program is just one portion of ALCOSAN's comprehensive Clean Water Plan. Other elements include expansion of its North Side wastewater treatment plant and other cooperative work with ALCOSAN's 83 municipal customers.

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ALCOSAN is one of the region's premier environmental and public health organizations, treating wastewater for 83 Allegheny County communities, including the City of Pittsburgh. The authority enhances the community's quality of life and safety by working to protect drinking water, rivers and streams, and making the Pittsburgh region a great place to live, work and play. ALCOSAN's 59-acre treatment plant processes up to 250 million gallons of wastewater daily and is one of the largest such facilities in the Ohio River Valley.

Summary of ALCOSAN GROW Program Grant Offers – Cycle 3

Aspinwall

- The Center Avenue sewer separation project includes installation of a new storm sewer and rerouting catch basins from the old combined sewer to it. **\$477,700**

Baldwin Township

- This is reimbursement for the Dewalt Drive sanitary sewer system lining to limit inflow/infiltration of the pipe. **\$8,600**

Bellevue

- This is reimbursement for a 2016 project in which a portion of the sanitary sewer system was lined to limit inflow/infiltration of the pipe. **\$34,900**

Braddock

- The First Street sewer separation project includes installation of a new storm sewer and rerouting catch basins from the old combined sewer to the new storm sewer. **\$112,625**

Castle Shannon

- This is reimbursement for lining the sanitary sewer system to limit inflow/infiltration of the pipe. **\$307,100**

Crafton

- The Fountain-Sycamore sewer separation project includes installation a new storm sewer and rerouting catch basins from the old combined sewer to the new storm sewer. **\$94,053**

Dormont

- This comprehensive sewer rehabilitation project consists of lining the sanitary sewer system to limit inflow/infiltration of the pipe. **\$320,716**

Fox Chapel

- This is reimbursement for lining the sanitary sewer system to limit inflow/infiltration of the pipe. **\$658,417**

McCandless

- This Lower Lowries Run project involves lining a sanitary sewer system to limit inflow/infiltration. **\$60,600**

Monroeville

- The Woodhaven Drive sewer rehabilitation project consists of lining a portion of the sanitary sewer system to limit inflow/infiltration of the pipe. **\$93,600**
- The Simpson Run sewer rehabilitation project consists of lining a portion of the sanitary sewer system to limit inflow/infiltration of the pipe. **\$101,500**

Munhall

- This project involves rerouting highway drainage from a combined sewer to a new storm sewer. **\$81,300**

Penn Hills

- This project under the Churchill Country Club consists of lining the sanitary sewer system to limit inflow/infiltration. **\$122,500**

Pittsburgh

- Shadyside – The Maryland Avenue green infrastructure project involves construction of underground stormwater storage that will route runoff into three interconnected tanks under the street and permeable pavers on Salem Way. **\$721,800**
- Downtown/Hill District – This is reimbursement for the green stormwater infrastructure component of a large-scale capital project to create park space connecting the Hill District to Downtown. **\$408,900**

Ross

- This project consists of lining the sanitary sewer along Sewickley-Oakmont Road to limit inflow/infiltration. **\$88,100**

Scott

- This project consists of lining the sanitary sewer system to limit inflow/infiltration. **\$258,900**

Verona

- This project consists of lining a portion of the sanitary sewer system near South Avenue at 2nd, 3rd and 4th streets to limit inflow/infiltration. **\$58,900**

Wilmerding

- This is reimbursement for the Herman Avenue sewer separation project that rerouted an existing storm sewer away from a combined sewer and into an existing storm sewer on Westinghouse Avenue. **\$106,369**



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ALCOSAN'S SUCCESSFUL GROW PROGRAM ANNOUNCES \$9.7 MILLION IN NEW AWARDS; AWARD CAP FOR FUTURE CYCLES INCREASED TO \$10 MILLION

21 Municipalities and Municipal Authorities Part of GROW's Fourth Cycle

September 27, 2019 – The Allegheny County Sanitary Authority continues its commitment to green infrastructure and source control, as the Authority's Board of Directors today approved \$9,733,836 in grant offers as part of the fourth round of the Green Revitalization of Our Waterways (GROW) program. The board also voted to increase the award cap to \$10 million per project, up from the original \$2 million per project, per cycle.

Twenty-one municipalities and municipal authorities were awarded the grants for a total of 30 green infrastructure, sewer separation and sewer pipe lining projects that are projected to remove approximately 25 million gallons of overflow volume per year. A listing of this year's projects is below.

"Our GROW program continues to be an integral part of our Clean Water Plan," said Arletta Scott Williams, ALCOSAN's Executive Director. "We have made it clear that partnering with our customer municipalities and municipal authorities is key to reaching the goals laid out in the plan. These grants provide our partners with invaluable assistance in keeping water out of their sewer systems."

In the first three cycles, ALCOSAN offered grants worth a total of \$22 million for 80 projects, leveraging another \$25 million in municipal, authority and third-party funding. In all, those projects are expected to reduce the volume of overflows into the region's waterways by nearly 127 million gallons. A total of 42 municipalities and 14 city of Pittsburgh neighborhoods have benefitted from the GROW grants in cycles one, two and three.

ALCOSAN's Board of Directors also voted to increase the funding cap in order to help its partners fund the larger projects that could arise as the GROW program continues. "The board felt it was time to change the funding structure to better react to projects that could be submitted in future cycles," said Williams.

ALCOSAN created the GROW program in 2016 and immediately began working with its 83 member municipalities and municipal sewer authorities that send wastewater to the ALCOSAN treatment facility. Any municipality or municipal sewer authority within the ALCOSAN service area is eligible for GROW grants. The fifth phase will begin later this year, and ALCOSAN already is scheduling information meetings to assist municipalities that need it for the application process.

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Summary of ALCOSAN GROW Program Grant Offers – Cycle 4

Bellevue Borough

- Reimbursement for sanitary sewer lining to reduce the amount of inflow and infiltration in the Jacks Run sewershed. **\$38,500**
- Sanitary sewer lining on Dawson Avenue to reduce the amount of inflow and infiltration in the Spruce Run sewershed. **\$222,000**

Bethel Park Municipal Authority

- Reimbursement for project along McLaughlin Run sewershed consisting of sewer lining, spot repairs of a sewer line, replacement of 394 linear feet of lateral pipe, and replacement of six manholes. **\$123,200**

Castle Shannon Borough

- Repair of structural pipe defects within the sanitary sewer system along Connor Road and McCully Road. **\$96,000**

Crafton Borough

- Crafton Boulevard - proposed approximately 2,800 feet of new storm sewer. **\$2,000,000**
- South Grandview Avenue - proposed to separate the public storm sewer collection system from the combined sewer collection system. **\$466,781.50**

Borough of Dormont

- This project consists of sewer lining to reduce the amount of inflow and infiltration near West Liberty Avenue. **\$91,870.89**
- This project consists of sewer lining to reduce the amount of inflow and infiltration near Potomac Avenue. **\$50,400**

Borough of Etna

- Remove runoff from roofs and paved areas in the Borough of Etna's Butler Street central business district from its combined sewer system, reduce stormwater runoff, and improve the appeal of the existing streetscape. **\$354,300**

Borough of Fox Chapel

- Sanitary sewer line and manhole replacement in the Riverview Terrace neighborhood. **\$251,400**

Girty's Run Joint Sewer Authority

- This project consists of replacing clay sewer pipe with PVC and sewer lining of a deficient sanitary sewer within a residential collector system within the Wible Run sewershed. **\$75,200**

McCandless Township Sanitary Authority

- Installation of 2,467 sewer lining, segment end sealing and service connection work in Lowries Run Interceptor segments. **\$251,394.34**

McDonald Sewage Authority

- Robinson Run - raising manholes along and in Robinson Run to reduce inflow and infiltration. **\$9,600**

Monroeville Municipal Authority

- Sanitary sewer lining along Woodhaven Drive in the Garden City neighborhood to reduce the amount of inflow and infiltration in the TR-06 sewershed. **\$801,500**

Municipality of Mt. Lebanon

- Shadowlawn – This project consists of the lining of trunk line sanitary sewers downstream from Oak Forest Drive to prevent additional groundwater inflow into the sanitary lines. **\$40,797.88**
- Altoona - Mitigate the flooding/basement backups and re-route the sewers from under the homes, through a proposed parallel sanitary and storm sewer. **\$483,600**

North Fayette Township

- Sanitary sewer and manhole lining in the Upper Oakdale sewershed. **\$35,600**

Municipality of Penn Hills

- Orin Street – 2,080 linear feet of full length sewer lining of sanitary sewer lines in the residential area along the stream off of Orin Street. **\$78,000**

City of Pittsburgh

- Construct new stormwater controls in the parking lot and site surrounding the proposed new golf clubhouse and learning center at The Bob O'Connor Golf Course. **\$411,900**

Pittsburgh Water and Sewer Authority

- Phase one of the Maryland Avenue green stormwater infrastructure project to capture and control stormwater runoff along two blocks of Howe Street and Kentucky Avenue that are bounded by College Avenue to the east and Negley Avenue to the west. This area contains all of Fred Way and Salem Way and one block of Osterburg Way. **\$733,000**
- Green stormwater infrastructure project located in Riverview Park will capture, detain and slow release direct stream inflow (DSI) entering the combined sewer near the intersection of Riverview Drive and Mairdale Avenue. **\$1,224,300**
- This project consists of sewer lining for sanitary sewers and excavated point repairs in the Maytide sewershed along Saw Mill Run. **\$638,800**
- This project consists of sewer lining for sanitary sewers and excavated point repairs in the Poplargo Project Area along the Becks Run sewershed. **\$303,000**

Ross Township

- Denny Park - 3,250 linear feet of sewer lining of the sanitary sewer lines in the residential areas and Denny Park along Jacks Run. **\$84,100**
- McIntyre Sewer Rehab - 1,870 linear feet of sewer lining of the sanitary sewer lines near residential areas and McIntyre Elementary School in Ross Township. Also proposed are rehabilitation of manholes, reinstatement of active service laterals, and top hat liners and manhole frame and lid replacement. **\$170,500**

Shaler Township

- Saxonburg Boulevard - 4,600 linear feet of sewer lining of the sanitary sewer lines in the residential areas along Saxonburg Boulevard and Cunningham Run in Shaler Township. Also proposed are rehabilitation of manholes, reinstatement of active service laterals, and top hat liners and manhole frame and lid replacement. **\$403,300**

South Fayette

- Millers Run Trunk Sewer rehabilitation is a combination of sewer lining along with joint grouting to address inflow and infiltration. A limited amount of manhole grouting and spot liners were also included in the scope of work. **\$35,800**

West Homestead

- Remove the connections between the storm and sanitary sewer systems and further treat the stormwater by means of a bioretention garden along New 8th Avenue. **\$33,292**

Wilkins

- Queenston Drive – Sewer lining of approximately 6,000 feet of 8-inch diameter sanitary sewer and the reinstatement and grouting of approximately 105 service laterals. **\$63,100**

Wilkinsburg

- Sewer lining of approximately 3,250 feet of sanitary and storm sewer, installation of eight sanitary and storm manholes, and the replacement of approximately 150 feet of 8-inch sanitary sewer. **\$162,600**

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23 MUNICIPALITIES AND MUNICIPAL AUTHORITIES AWARDED \$15.1M IN ALCOSAN'S LATEST ROUND OF GROW FUNDING

Fifth cycle features 27 source control projects in first year with new cap

October 22, 2020 – As part of its ongoing effort to help fund impactful source control projects in its partner municipalities, the Allegheny County Sanitary Authority's (ALCOSAN) board of directors today approved \$15.1 million in grant offers for the fifth round of the Green Revitalization of Our Waterways (GROW) program. This also was the first year with the funding cap at \$10 million per project.

Twenty-three municipalities and municipal authorities have been offered grants for 27 projects, ranging from sewer separation to green stormwater infrastructure, that are projected to remove 48 million gallons of overflow volume per year. Three projects – Pittsburgh's Wightman Park green stormwater infrastructure and two sewer separation projects in the Borough of Crafton – took advantage of the new funding cap with a combined award of \$7,712,559 for the three.

"It is always exciting to announce another successful year for our GROW program, helping our municipalities keep water out of the sewer system," said Arletta Scott Williams, ALCOSAN's Executive Director. "We are excited to see these projects come to fruition, as every gallon that's removed from the system is one less gallon that could end up an overflow."

Earlier this year, ALCOSAN released *Controlling the Source*, a scientific-based, area-specific evaluation of all types of source control that provides municipalities information on where projects can be completed that both are cost-effective and provide the most overflow reduction. Eight concepts identified in *Controlling the Source* were awarded funding in this round (Avalon, Bellevue, Brentwood, Carnegie, Crafton, Wightman Park, Rankin and Wilkinsburg).

Created by ALCOSAN in 2016, the GROW program's first four grant cycles, has offered grants worth \$28 million for 101 projects, leveraging another \$25 million in municipal, authority and third-party funding. In all, those projects are expected to reduce the volume of overflows into the region's waterways by nearly 140 million gallons.

Any municipality or municipal sewer authority within the ALCOSAN service area is eligible for GROW grants. The sixth phase will begin later this year, and ALCOSAN already is scheduling informational meetings to assist municipalities in the application process.

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ALCOSAN Green Revitalization of Our Waterways

Cycle Five Award Descriptions – October 2020

**Key: SS – Sewer Separation; I/I – Infiltration and Inflow; SO – Sewer Optimization;
GSI – Green Stormwater Infrastructure**

Borough of Aspinwall

- Western Avenue sewer separation (SS) - The project consists of separating stormwater from the existing combined municipal sewer system. This will be the third such project following Eastern Avenue and Center Avenue sewer separation projects, already funded through the ALCOSAN GROW Program. \$537,199.94

Borough of Avalon

- Sanitary sewer lining (I/I) – This project consists of sanitary sewer lining along Spruce Run Road. \$72,900

Bellevue Borough

- Sanitary sewer lining (I/I) – This project consists of sanitary sewer lining and smoke testing primarily along Orchard Avenue and North Avenue between Union Avenue and N. Sprague Avenue. \$84,100

Blawnox Borough

- Sewer lining (I/I) - Reimbursement for the lining of 1,191 linear feet of sewer lines along 5th Street and Fountain Street. \$21,700

Brentwood Borough

- Sewer lining (I/I) – Reimbursement for the lining of 1,925 linear feet of sewer lines in the residential areas along Wanley Road. \$149,118.09

Carnegie Borough

- Cabbage Street sewer separation (SS) – The project consists of approximately 1,900 linear feet of new 15-inch storm sewer along with 18 storm manholes and 10 storm inlets along Cabbage Street and 7th Avenue. \$408,436.69

Churchill Borough

- Collins Road pump station redirection (SO) – This project consists of the design and installation of a 10-inch gravity sewer through a section of the former Churchill Country Club property and connection to an existing Penn Hills gravity sewer. Also, to prevent storm sewer overflow from entering the sanitary sewer, the project includes various repairs to the storm and sanitary sewer in areas that failed smoke tests. \$803,471.54

Crafton Borough

- Crafton Boulevard sewer separation (SS) – This project consists of separating portions of the combined sewers on Clearview Avenue, Sterrett Street, Barr, Clearview, Harris and Keever Avenues. \$2,647,400
- Woodlawn and Fountain sewer separation (SS) – This project consists of separating portions of the combined sewers along Fountain, Promenade and Woodlawn Streets. \$2,072,731.89

Borough of Dormont

- Sewer lining (I/I) – This project consists of the lining of 4,600 linear feet of sewer lines along Peermont Avenue and several alleys between Beacon Hill Avenue and West Liberty Avenue. \$60,300

Emsworth Borough

- Pump station upgrade and force main replacement (SO) – This project consists of increasing the size of the force main pipe diameter and increasing the capacity of the Emsworth pump station. \$111,900

Borough of Fox Chapel

- Sanitary sewer lining (I/I) – Reimbursement for the lining of 2,035 linear feet of sanitary sewer lines along Pasadena Drive near the intersection with Delafield Road. \$16,300
- Sanitary sewer lining (I/I) – Reimbursement for the lining of 4,600 linear feet of sanitary sewer lines along Shirl Drive and Dietrich Road. \$33,600
- Sanitary sewer lining (I/I) – Reimbursement for the lining of 1,430 linear feet of sanitary sewer lines along Wynnwood Drive. \$11,700

Green Tree Borough

- Sanitary sewer lining (I/I) – This project consists of the lining of 2,239 linear feet of sanitary sewer lines located along Parkedge and Sheldon Streets. \$36,500

Borough of Homestead

- Hazel Way sewer separation (SS) – The project consists of construction of a new storm sewer system in order to separate catch basins and storm inlets from the combined sewer system. \$1,915,000

Monroeville Municipal Authority

- Sanitary sewer lining (I/I) – This project consists of the lining of 25,113 linear feet of sanitary sewer lines located within the Abers Creek sewer shed. \$245,900

Mt. Lebanon

- Sanitary sewer lining (I/I) – This project consists of the lining of 1,641 linear feet of sanitary sewer lines along Orchard and Thornwood Drives. \$41,400
- Sanitary sewer lining (I/I) – This project consists of the lining of 2,961 linear feet of sanitary sewer lines along Scrubgrass Road. \$106,200

O'Hara Township

- Sanitary sewer lining (I/I) – Reimbursement for the lining of 5,535 linear feet of sanitary sewer lines. \$52,400

City of Pittsburgh

- Wightman Park project (GSI) - This project is for the construction of a combination of street bioswales and raingardens with underground storage stormwater control features in Wightman Park. The project includes various park improvements benefiting the neighborhood. \$352,047.92

Penn Hills

- Sanitary sewer lining (I/I) – This project consists of the lining of 2,100 linear feet of sanitary sewer lines along Beulah Road and Emrose Drive. \$109,700

PWSA

- Chatham University green infrastructure project (GSI) – This project is for the installation of green stormwater infrastructure and related conveyance elements on the campus along Woodland Road. \$1,616,452.06
- Wightman Park project (GSI) – This project is for the construction of a combination of street bioswales and raingardens with underground storage stormwater control features in Wightman Park. The project includes various park improvements benefiting the neighborhood. \$2,992,426.96

Rankin Borough

- Rankin recreation site sewer separation (SS) – This project consists of two components: separating the combined sewers and redirecting stormwater flow to new retention facilities. \$55,400

Ross Township

- Sanitary sewer lining (I/I) – This project consists of the lining of 2,830 linear feet of sanitary sewer lines along Lingay Drive. \$103,000

Shaler Township

- Sanitary sewer lining (I/I) – This project consists of the lining of 2,500 linear feet of sanitary sewer lines in the residential areas along Saxonburg Boulevard and Cunningham Run. \$207,807.83

Wilkinsburg Borough

- Sanitary sewer lining (I/I) – This project consists of the lining of 11,055 linear feet of sanitary sewer lines along Center Street between South Avenue and Glenn Avenue including several side streets. \$311,300



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OVER \$22.6M AWARDED IN ALCOSAN'S 6th CYCLE OF GROW GRANTS **15 source control projects to receive highest total grant amount in program history**

September 23, 2021 – Fourteen of Allegheny County Sanitary Authority's (ALCOSAN) partner municipalities and municipal authorities have been offered over \$22.6M in Green Revitalization of our Waterways (GROW) grants in the program's sixth round. These 15 projects make up the largest collective award amount since GROW's inception and are modeled to remove 62.8 million gallons of overflow volume.

Created by ALCOSAN in 2016, the GROW program helps the Authority's customer municipalities and municipal authorities fund meaningful source control projects that help keep water out of the sewer systems.

This year's group of awards includes a \$10M grant to Pittsburgh Water and Sewer Authority (PWSA) for a stream removal project as part of its Four Mile Run Stormwater Improvement Project; and approximately \$5.4M to the Borough of Baldwin for a sewer lining project along Streets Run. This project is unique in that it is a partnership between the borough and Brentwood, PWSA, West Mifflin, and Whitehall to improve a multi-municipal sewer line.

"This GROW cycle is a great example of how important it is to work together toward a common goal – keeping excess water out of our sewer systems," said Arletta Scott Williams, ALCOSAN's Executive Director. "We are always thrilled to be able to help fund these necessary source control projects in our customer municipalities."

Including this cycle, ALCOSAN's GROW program has offered grants in excess of \$60M for approximately 140 projects, leveraging an approximate \$53M in municipal, authority and third-party funding. In all, those projects are expected to reduce the volume of overflows into the region's waterways by more than 200 million gallons.

Any municipality or municipal sewer authority within the ALCOSAN service area is eligible for GROW grants. The seventh cycle will begin later this year, and ALCOSAN already is scheduling informational meetings to assist municipalities in the application process.

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ALCOSAN is one of the region's premiere environmental and public health organizations, treating wastewater for 83 Allegheny County communities, including the City of Pittsburgh. The authority enhances the community's quality of life and safety by working to protect drinking water, rivers and streams, and making the Pittsburgh region a great place to live, work and play. ALCOSAN's 59-acre treatment plant processes up to 250 million gallons of wastewater daily and is one of the largest such facilities in the Ohio River Valley.

ALCOSAN Green Revitalization of Our Waterways (GROW)
Cycle Six Award Descriptions – September 2021
Key: SS – Sewer Separation; I/I – Infiltration and Inflow;
DSIR – Direct Stream Inflow Removal

Baldwin Borough

- Sanitary sewer lining (I/I) – Streets Run Multi-Municipal Sewer Rehabilitation Project (I/I) - The project is a comprehensive sewer rehabilitation project with infrastructure improvements in five municipalities including Baldwin Borough, Brentwood Borough, Borough of Whitehall, West Mifflin Borough, and the City of Pittsburgh. This project includes sewer lining, manhole repairs and modifications to the sewer alignment and is the largest multi-municipal project submitted to the GROW program to date, in both project scope and the number of municipalities participating in the project. \$5,432,500

Municipality of Bethel Park

- Sanitary sewer lining (I/I) – This project consists of sanitary sewer lining in several portions of the municipality near McLaughlin Run. \$108,700

Borough of Etna

- Sewer separation and direct stream inflow removal (SS, DSIR) – This project consists of removing two sources of inflow from the combined sewer system in a residential neighborhood tributary to Pine Creek. \$680,379.02

Ingram Borough

- Sewer separation (SS) – The project includes the removal of two cross-connections of the stormwater sewer system to the sanitary sewer system. \$280,000

Monroeville Municipal Authority

- Sewer lining (I/I) – Sanitary sewer lining of 2,767 linear feet of sewer lines near East Thompson Run. \$26,400

Mt. Lebanon

- Sanitary sewer lining (I/I) – The project consists of approximately 1,400 linear feet of sanitary sewer lining in a residential area along Cedar Boulevard. \$39,700
- Sanitary sewer lining (I/I) – The project consists of approximately 2,000 linear feet of sanitary sewer lining in a residential area along Eisenhower Drive. \$47,400

Township of O'Hara

- Sanitary sewer lining (I/I) – The project includes lining of 7,100 linear feet of sanitary sewer lines. \$69,600

Pittsburgh Water and Sewer Authority

- Sanitary sewer lining (I/I) – The project consists of 22,500 linear feet of sanitary sewer lining in the Carrick neighborhood of Pittsburgh. \$391,700
- Direct stream inflow removal (DSIR) – The Four Mile Run Stormwater Project encompasses Schenley Park and several Pittsburgh neighborhoods including Garfield, Hazelwood, Oakland, and Squirrel Hill. This project will capture and route stormwater through a natural channel that will follow the path of the historic streams that formed Four Mile Run from Panther Hollow Lake to the Monongahela River. The project includes daylighting of the stream through Schenley Park then directing that flow to a designated storm sewer directing it to the Monongahela River. The total cost of the project for design and construction is \$29,618,661 and the project received the maximum GROW grant award of \$10,000,000.

Ross Township

- Sanitary sewer lining (I/I) – This project consists of 65,000 linear feet of sanitary sewer lining along Spring Run and in the adjacent residential area. \$248,484.07

Scott Township

- Sanitary sewer lining (I/I) – This project consists of 3,545 linear feet of sanitary sewer lining along Kane Boulevard and the adjacent residential area. \$139,400

Borough of Sharpsburg

- Sewer separation and direct stream inflow removal (SS/DSIR) – This multi-municipal project includes the removal of a stream which enters the combined sewer system along Ravine Street in Sharpsburg. Additional drainage area from surrounding municipalities and stormwater from PA State Route 28 will also be separated from the combined sewer system. \$4,758,133.71

South Fayette Township Municipal Authority

- Sanitary sewer lining (I/I) – The project consists of 9,380 linear feet of sanitary sewer lining along the Portman Run sewer main. \$93,200

Wilkinsburg Borough

- Sanitary sewer lining (I/I) – This project consists of 7,600 linear feet of sanitary sewer lining in the Laketon neighborhood of Wilkinsburg. \$360,047.17



News Release

For Immediate Release

Contact: Joey Vallarian
ALCOSAN Director of Communications
(412) 734-6274 (O)
(412) 552-0246 (C)

ALCOSAN's GROW Program Announces Over \$7M in Cycle 7 Awards

Latest round of grants features 13 source control projects across 10 municipalities & authorities

September 22, 2022 – Transformative green infrastructure and a major sewer separation project highlight the Allegheny County Sanitary Authority's (ALCOSAN) latest round of Green Revitalization of Our Waterways (GROW) grants, approved today by the Authority's Board of Directors.

Ten of ALCOSAN's partner municipalities and municipal authorities have been offered over \$7M in grants in the program's seventh round. Created by ALCOSAN in 2016, the GROW program helps the Authority's customer municipalities and municipal authorities fund meaningful source control projects that help keep water out of the sewer system.

This year's group of awards includes a \$3.7M grant to Crafton Borough for a sewer separation project along Broadhead Avenue and \$1.7M to the Borough of Homestead for implementation of green stormwater infrastructure on 12th Avenue. Alongside these two major projects were three other significant awards, including a sewer rerouting project in the Borough of Bridgeville and sewer rehabilitations by the Pittsburgh Water and Sewer Authority and the Borough of Whitehall.

"Once again this year, our partner municipalities and municipal authorities brought us a slate of excellent source control projects that will be impactful for everyone," said Arletta Scott Williams, ALCOSAN's Executive Director. "The GROW program is another example of the successful collaborations we have with our municipalities."

Including this cycle, ALCOSAN's GROW program has offered grants in excess of \$67M for approximately 150 projects, leveraging approximately \$59M in municipal, authority and third-party funding. In all, those projects are expected to reduce the volume of overflows into the region's waterways by more than 215 million gallons per year.

Any municipality or municipal sewer authority within the ALCOSAN service area is eligible for GROW grants. The eighth cycle will begin later this year, and ALCOSAN is already scheduling informational meetings to assist municipalities in the application process.

For more information about the GROW program, visit alcosan.org/clean-water-plan/grow-program.

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ALCOSAN Green Revitalization of Our Waterways

Cycle Seven Award Descriptions – September 2022

Key: SS – Sewer Separation; I/I – Infiltration and Inflow; GSI – Green Stormwater Infrastructure; SO – Sewer Optimization

Bellevue Borough

- Sanitary sewer lining (I/I) – Upper O-21 Lining and Smoke Testing. Sanitary sewer lining of 5,005 feet near Lincoln Avenue Business District. \$77,100

Bridgeville Borough

- Sanitary sewer lining and system optimization (I/I, SO) – McLaughlin Run / C-54 Sanitary Sewer Re-Routing Project. Sanitary sewer lining of 4,241 feet and re-routing flow from C-53-10 to C-54 at Baldwin St and Margaret St. \$350,200

Crafton Borough

- Sewer Separation (SS) – Broadhead Storm Sewer Separation. The project includes two new separate stormwater systems to remove stormwater from the combined sewer system near Broadhead Avenue and Perrine Street. \$3,738,400

Emsworth Borough

- Sanitary sewer lining (I/I) – Ohio River Boulevard Lining Project. Sanitary sewer lining of 3,407 feet near Route 65. \$76,500

Girty's Run Joint Sewer Authority

- Sanitary sewer lining (I/I) – Goldsmith Valley Sanitary Sewer Rehabilitation and Replacement. Sanitary sewer lining of 5,264 feet in Ross Township. \$156,000

Homestead Borough

- Green Stormwater Infrastructure (GSI) – Transforming 12th Avenue. Installation of a GSI project around Barrett Elementary School that includes underground storage, a permeable pavement parking lot, and bioretention bump outs. Stormwater from nearby streets will be rerouted to the project site. \$1,681,947.70

Mt. Lebanon

- Sanitary sewer lining (I/I) – Reimbursement Sewer Rehabilitation. Sanitary sewer lining of 5,376 feet near Crystal Drive off Castle Shannon Boulevard. \$80,800
- Sanitary sewer lining (I/I) – Sewer Rehabilitation. Sanitary sewer lining of 6,620 feet along Pennsylvania Boulevard. \$189,200
- Sanitary sewer lining (I/I) – Sewer Rehabilitation. Sanitary sewer lining of 1,013 feet near Mount Lebanon Boulevard. \$8,000
- Sanitary sewer lining (I/I) – Reimbursement Sewer Rehabilitation. Sanitary sewer lining of 3,827 feet near Cochran Road. \$98,163.64

Pittsburgh Water and Sewer Authority

- Sanitary sewer lining (I/I) – 2022 Small Diameter Sewer Rehabilitation – Contract 2 – Maytide Phase III. Sanitary sewer lining of 10,568 feet near Queenston Street. \$304,400

Ross Township

- Sanitary sewer lining (I/I) – Sangree Park Sanitary Sewer Lining. Sanitary sewer lining of 2,868 feet near Sangree Road. \$58,400

Whitehall Borough

- Sanitary sewer lining (I/I) – Highgrove Road Sanitary Sewer Improvements. New sanitary sewer totaling 1,972 feet near Highgrove Road. \$254,900



News Release

ALCOSAN'S 8th Cycle Awards Over \$3.5M of GROW Grants in 2023

The 8th cycle of the GROW program features 12 awarded source control projects
September 29, 2023

Nine of Allegheny County Sanitary Authority's (ALCOSAN) partner municipalities and municipal authorities have been offered over \$3.5M in Green Revitalization of our Waterways (GROW) grants in the program's eighth cycle. In terms of sewer overflow reduction, sewer separation is predicted to provide the largest benefit this cycle, with 9.5 million gallons estimated to be reduced per year, followed by infiltration/inflow reduction projects with 3.1 million gallons. The two green stormwater infrastructure projects are estimated to remove approximately 700,000 gallons per year. The seven infiltration/inflow reduction projects are also predicted to remove over 50 million gallons of excess inflow from the system each year.

Created by ALCOSAN in 2016, the GROW program helps the Authority's customer municipalities and municipal authorities fund meaningful source control projects that help keep excess water out of the sewer system.

This year's group of awards includes \$348,200 to Pittsburgh Water and Sewer Authority (PWSA) for green infrastructure along the Bus Rapid Transit corridor, \$638,757 to North Braddock Borough for a sewer separation project along O'Connell Boulevard, and \$337,600 to Girty's Run Joint Sewer Authority for a neighborhood infiltration/inflow reduction project. Other significant awards have been offered to McCandless Township Sanitary Authority, Mt. Lebanon, Swissvale, and West Homestead.

"This GROW cycle is a great example of how important it is to work together toward a common goal – keeping excess water out of our sewer systems," said Arletta Scott Williams, ALCOSAN's Executive Director. "We are always thrilled to be able to help fund these impactful source control projects in our customer municipalities."

"GROW projects have been very successful. It's just refreshing to know the projects that are being awarded and worked on with the amount of overflows being taken care of is just tremendous," said Sylvia Wilson, Chairperson of ALCOSAN's Board of Directors. "It has turned into a terrific program."

Including this cycle, ALCOSAN's GROW program has offered grants more than \$63M for approximately 159 projects, leveraging approximately \$61M in municipal, authority and third-party funding. In all, those projects are expected to reduce the volume of overflows into the region's waterways by more than 216 million gallons per year.

Any municipality or municipal sewer authority within the ALCOSAN service area is eligible for GROW grants. The ninth cycle has already begun, and ALCOSAN is scheduling informational meetings to assist municipalities in the application process.

Learn More about the [GROW](https://www.alcosan.org) program by going to ALCOSAN's website, www.alcosan.org.

ALCOSAN Green Revitalization of Our Waterways

Cycle Eight Award Descriptions and Award Amounts – September 2023

Key: SS – Sewer Separation; I/I – Infiltration and Inflow; GSI – Green Stormwater Infrastructure; SO – Sewer Optimization

Dormont Borough

- Sanitary sewer lining (I/I) – Dormont S-15 Phase II COA Lining Project. Sanitary sewer lining of 4,125 feet in southern half of Borough. \$63,600.00

Girty's Run Joint Sewer Authority

- Sanitary sewer lining (I/I) - Greenhill Area Sanitary Sewer Rehabilitation. Sanitary sewer lining of 8,100 feet in Shaler Township. \$337,600.00

Mt. Lebanon

- Sanitary sewer lining (I/I) - Cochran Rd/Larchmont Rd: Sewershed C4800-MB-L-03 Sewer Rehab. Sanitary sewer lining of 6,255 feet near Cochran Road and Larchmont Road. \$159,300.00
- Sanitary sewer lining (I/I) – Little Saw Mill Run – Sewershed MH1800-MB-L-05 Sewer Rehab. Sanitary sewer lining of 8,900 feet near Beverly Road. \$272,500.00

McCandless TSA

- Sanitary sewer lining (I/I) - Fox Ridge Plan. Sanitary sewer lining of 25,079 feet in the Fox Ridge Plan area of Lowries Run. \$356,800.00

North Braddock

- Sewer Separation (SS) – O'Connell Boulevard Storm Sewer Separation Project. New separate stormwater system to remove stormwater and surface water runoff from the combined sewer system near New Dookers Hollow Bridge. \$638,757.15

Pittsburgh Water and Sewer Authority

- Sanitary sewer lining (I/I) - 2023 Small Diameter Sewer Rehabilitation. Sanitary sewer lining of 30,000 feet in the Carrick neighborhood. \$804,300.00
- Green Stormwater Infrastructure (GSI) – Bus Rapid Transit (M-05 Sewershed). Installation of GSI features along 5th Avenue and Forbes Avenue between Stevenson Street and Gist Street within the M-05 Sewershed. The project includes bioswales, tree trenches, and storage trenches as part of the Downtown-Uptown-Oakland East Bus Rapid Transit transportation project. \$214,300.00
- Green Stormwater Infrastructure (GSI) – Bus Rapid Transit (M-19 Sewershed). Installation of GSI features along 5th Avenue and Forbes Avenue between Gist Street and the Birmingham Bridge within the M-19 Sewershed. The project includes bioswales, tree trenches, and storage trenches as part of the Downtown-Uptown-Oakland East Bus Rapid Transit transportation project. \$133,900.00

Ross Township

- Sanitary sewer lining (I/I) - York Drive Infiltration Control Project. Sanitary sewer lining of 1,735 feet near York Drive. \$43,900.00

Swissvale

- Sewer Separation (SS) – M-48 Groundwater and Surface Water Remediation Project. New separate stormwater system to remove stormwater from the combined sewer system south of Les Getz Memorial Park. \$216,716.00

West Homestead Borough

- Sewer Separation (SS) – West 7th Avenue Separation Project. New separate stormwater system to remove stormwater from the combined sewer system along West 7th Avenue. \$271,442.32



News Release

ALCOSAN's 9th Cycle Awards Over \$11.9 Million of GROW Grants

The GROW Grants Awarded to 24 of our partner municipalities and municipal authorities
October 16, 2024

The Allegheny County Sanitary Authority (ALCOSAN) has awarded over \$11.9 million in Green Revitalization of our Waterways (GROW) grants in the program's ninth cycle to 24 of our partner municipalities and municipal authorities.

The GROW program, created by ALCOSAN in 2016, helps the municipalities and authorities fund meaningful source control projects that help keep excess water out of the sewer system.

"This GROW cycle illustrates how crucial it is to collaborate towards a shared objective of stopping excess water from getting into our sewer systems," said Arletta Scott Williams, ALCOSAN's Executive Director. "We take pride in supporting these effective source control initiatives in our customer municipalities."

ALCOSAN's GROW program has successfully allocated grants totaling over \$74 million for 190 projects over the past nine years. These grants have also facilitated the acquisition of an additional \$74 million in funding from municipalities, authorities, and third parties. These projects are poised to significantly reduce overflows into the region's waterways by more than 237 million gallons per year.

Pennsylvania State Representative Emily Kinhead, who serves as the Vice Chairperson of the ALCOSAN Board of Directors, sees the GROW grants as a positive development for our region. She remarked, "I think it's impressive that there are so many projects that are being recommended for an award. I think that's good for our region."

Municipalities or municipal sewer authorities within the ALCOSAN service area are encouraged to apply for GROW grants. The tenth cycle is currently underway, and ALCOSAN is actively coordinating informational meetings to expertly guide municipalities through the application process.

Learn More about the [GROW](https://www.alcosan.org) program by going to ALCOSAN's website, www.alcosan.org.

Cycle Nine Award Descriptions and Award Amounts – September 2024

Key:

SS – Sewer Separation

I/I – Infiltration and Inflow

GSI – Green Stormwater Infrastructure

East Pittsburgh

- Sewer Separation (SS) - Grandview Ave Storm Sewer Separation Project. New separate stormwater system to remove stormwater and surface water runoff from the combined sewer system along Grandview Ave. \$511,243.30

Avalon Borough

- Sanitary Sewer Lining and Replacement (I/I) - O-18A Phase II COA Source Flow Reduction Project. Sanitary sewer lining and replacement of over 3,500 feet along Norwood Avenue, Sylvan Avenue, Sedalia Avenue, Cherry Alley, Chester Avenue, Center Avenue, and Berringer Place. \$89,200.00

Baldwin Borough

- Sanitary Sewer Lining (I/I) - M-34 Phase II COA Source Flow Reduction Project. Sanitary sewer lining of over 3,100 feet along Rear Brinwood Avenue, Upper Agnew Road, Middle Agnew Road, Lower Agnew Road, Brazil Street, and Middle Street. \$67,200.00
- Sanitary Sewer Lining (I/I) - M-42 Phase II COA Source Flow Reduction Project. Sanitary sewer lining of over 10,100 feet along Castlevue Drive, Barbara Drive, Manor View, Palace Court, Prospect Road, Young Drive, and Senior Drive. \$256,000.00

Castle Shannon Borough

- Sanitary Sewer Lining and Replacement (I/I) - Killarney Drive Phase II COA Source Flow Reduction Project. Sanitary sewer lining of over 3,300 feet and sanitary sewer replacement of 40 feet in the Killarney Drive area. \$88,300.00

Crafton Borough

- Sewer Separation (SS) - W. Steuben St Separation Projects. A new stormwater system will be built to remove stormwater and surface water runoff from the combined sewer system along West Steuben Street. \$1,666,500.00

Edgewood Borough

- Sanitary Sewer Lining and Replacement (I/I) - Phase II COA Source Flow Reduction Project. Sanitary sewer lining or replacement of over 4,500 feet along Allenby Avenue, Savannah Avenue, East End Avenue, Greendale Avenue, Edgewood Court, Elm Street, and Beech Street. \$101,600.00

Forest Hills Borough

- Sanitary Sewer Lining and Replacement (I/I) - Upper Falls Run Phase II COA Source Flow Reduction Project. Sanitary sewer lining or replacement of 4,800 feet along Cherry Valley Road, Watt Lane, Atlantic Avenue, Kenmore Avenue, and Ardmore Boulevard. \$247,400.00

Girty's Run Joint Sewer Authority

- Sanitary Sewer Lining Rehabilitation (I/I). Lower Shaler and Geyer Sanitary Sewer Rehabilitation. Sanitary sewer lining of over 12,600 feet, lateral intrusions, and sanitary sewer lateral connection reinstatements in Shaler and Reserve Townships. \$467,075.00

Ingram Borough

- Sanitary Sewer Lining (I/I). Ingram Borough Source Flow Reduction Project. Sanitary sewer lining of over 2,000 feet. \$51,600.00

Municipality of Mt. Lebanon

- Sanitary Sewer Lining and Replacement (I/I). Begg's Snyder Park: S1500-MB-L-04 Sewer Rehab and Replacement. Sanitary sewer lining or replacement of over 2,600 feet near Begg's Snyder Park. \$65,000.00

Mt. Oliver Borough

- Sanitary Sewer Lining (I/I). Mt. Oliver M-34 Source Flow Reduction Project. Sanitary sewer lining of over 140 feet off Walter Avenue and Otilia Street. \$94,700.00

Munhall Sanitary Sewer Municipal Authority

- Sanitary Sewer Lining and Replacement (I/I). M-49 Phase II COA Source Flow Reduction Project. Sanitary sewer lining or replacement of over 480 feet. \$773,800.00
- Green Stormwater Infrastructure and Sewer Separation (GSI, SS). M-45 Green Infrastructure and Stormwater System Improvements. Green infrastructure at and around the Munhall Fire Station and a new separate stormwater system to remove stormwater and surface water runoff from the combined sewer system along Andrew Street. \$1,512,500.00

Peters Township Sanitary Authority

- Sanitary Sewer Lining (I/I). Sanitary sewer lining of over 3,900 feet. \$25,400.00

Pittsburgh Water and Sewer Authority (PWSA)

- Sewer Separation (SS). South Side Flats Sewer Separation Project. A new stormwater system will be installed to remove stormwater and surface water runoff from the combined sewer system in the South Side Flats Neighborhood. \$1,383,300.00

Reserve Township

- Sanitary Sewer Lining (I/I). A-60 Sanitary Sewer Source Flow Reduction Project. Sanitary sewer lining of over 9,000 feet along Faber Terrace, Mt. Troy Road, Emma Avenue, Carrie Street, Cronemeyer Avenue, and Mauch Street. \$100,900.00

Municipal Authority of Robinson Township (MATR)

- Sanitary Sewer Lining (I/I). Chartiers Basin Sanitary Sewer Lining Project. Sanitary sewer lining of over 2,600 feet in the Chartiers Basin. \$126,200.00

Ross Township

- Sanitary Sewer Lining and Replacement (I/I). Connie Drive Lining Project. Sanitary sewer lining or replacement of over 2,900 feet. \$114,700.00

Scott Township

- Sanitary Sewer Lining (I/I). C-53 Phase II COA Source Flow Reduction Project. Sanitary sewer lining of approximately 5,700 feet and sanitary sewer replacement of 50 feet. \$167,400.00
- Sanitary Sewer Lining (I/I). C-48 Phase II COA Source Flow Reduction Project. Sanitary sewer lining of over 2,700 feet and spot repairs near Cherrydell Drive, Greenbriar Drive, Cochran Road, and Greentree Road. \$88,400.00

Shaler Township

- Sanitary Sewer Lining and Rehabilitation (I/I). A-68 Source Flow Reduction Project (FM A-68-FIS-S67). Sanitary sewer lining or replacement of over 4,300 feet. \$114,000.00
- Sanitary Sewer Lining and Rehabilitation (I/I). A-68 Source Flow Reduction Project (FM A-68-FIS-S59). Sanitary sewer lining or replacement of over 3,200 feet. \$445,306.50
- Sanitary Sewer Lining and Rehabilitation (I/I). A-68 Source Flow Reduction Project (FM A-68-FIS-S55). Sanitary sewer lining or replacement of over 3,100 feet. \$99,600.00
- Sanitary Sewer Lining and Rehabilitation (I/I). A-68 Source Flow Reduction Project (FM A-68-OSS-L27). Sanitary sewer lining or replacement of over 1,500 feet. \$51,400.00
- Sanitary Sewer Lining and Rehabilitation (I/I). A-68 Source Flow Reduction Project (FM A-68-FIS-S43). Sanitary sewer lining or replacement of over 10,900 feet. \$513,000.00

Verona Borough

- Sanitary Sewer Lining (I/I). A-45 Sanitary Sewer Source Flow Reduction Project. Sanitary sewer lining of over 8,300 feet along Seldon Avenue, North Avenue, Center Avenue, 4th Avenue, Spruce Street, Parker Street, and Second Avenue. \$138,300.00

West View Water Authority

- Sewer Separation (SS). Cresson Avenue CSO Sewer Separation Project. A new stormwater system will be built to remove stormwater and surface water runoff from the combined sewer system in the southwestern corner, western side, and eastern side of the West View Borough. \$969,324.49

Whitaker Borough

- Sanitary Sewer Lining (I/I). Sanitary sewer lining of over 2,400 feet. \$315,605.00

Whitehall Borough

- Sanitary Sewer Lining and Rehabilitation (I/I). Whitehall Borough Streets Run (M42-MB-L-14) Source Flow Reduction Project. Sanitary sewer lining of over 4,100 feet along East Willock Road and Doyle Road. \$257,600.00

- Sanitary Sewer Lining (I/I). Whitehall Borough Streets Run (M42-MB-L-15) Source Flow Reduction Project. Sanitary sewer lining of over 1,200 feet along Streets Run Road. \$124,087.76
- Sanitary Sewer Lining (I/I). Whitehall Borough Sawmill Run Source Flow Reduction Project. Sanitary sewer lining of over 3,700 feet at the drainage area tributary to Sawmill Run. \$105,900.00

Wilkinsburg Borough

- Sanitary Sewer Lining and Rehabilitation (I/I). 2025 Western Sewer Rehabilitation. Sanitary sewer lining or replacement of over 13,400 feet around Overton Street, Whitney Avenue, Center Street, Glenn Avenue, Coal Street, and South Avenue. \$814,400.00