



MUNICIPAL PARTNERSHIPS



Corvias is helping local municipalities clean stormwater runoff and be in compliance with the EPA Clean Water Act through a highly scalable integrated development approach. In addition to protecting the environment, Corvias is helping to build up the local economy. To date, over \$65 million has been subcontracted to small and local businesses working on Corvias' municipal partnerships.

Improving water quality

Urban pollutant runoff has been identified as a leading contributor to the degradation of urban water resources and increased chronic flooding—causing billions of dollars in damage in the US every year.

Enabling process

Communities must address the needs of aging water infrastructure, unfortunately jurisdictions across the country have inadequate funding and deferred maintenance backlogs on critical and enormously expensive stormwater systems.

Comprehensive turn-key solution

In order to address this growing issue for communities across the U.S., Corvias has developed a comprehensive Design, Build, Finance, Operate, and Maintain (DBFOM) strategy to achieve and maintain compliance with the Clean Water Act (CWA) National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit requirements.

Dramatic cost reduction

Corvias has been successful over the past 18 years in creating approximately 30-40% cost savings versus the traditional government approach to addressing stormwater needs. In addition to those savings, Corvias' municipal partnerships will generate over \$350 million in wages and an additional \$19 million in state and local tax revenues for the local communities we serve.



\$356 MILLION

TOTAL LOCAL ECONOMIC IMPACT



+\$65 MILLION

PAID TO LOCAL BUSINESS



+2,000 ACRES

RETROFITTED



17 SBEs

COMPLETED OUR MENTORING PROGRAM

THE CORVIAS METHOD

The typical local government design-bid-build procurement process is not structured to process the magnitude of stormwater management projects required to maintain MS4 compliance in a timely and cost-effective manner. Corvias is capable of driving down the costs and length of time associated with MS4 compliance through an aggregated project plan that improves speed, productivity, and development capabilities. The Corvias approach concurrently reduces transaction, project, and contract management costs. Project aggregation contributes the most time savings over the life of the program. Because individual stormwater projects are typically small, less complex and geographically diverse when designed and built as single projects, they carry a relatively high overhead cost.

The Corvias aggregation approach is similar to an assembly line where the entire program is assessed together to achieve maximum benefit. The Corvias process integrates procurement by preselecting and approving a pool of Design/Build (D/B) delivery partners, focuses on selecting and validating stormwater projects that provide the most value to the jurisdiction, and delivering the stormwater projects through a D/B delivery method. This integrated fixed-cost regional development approach is highly scalable and transfers project delivery risk to Corvias. Therefore, it results in reduced costs and significantly reduces the MS4 compliance burden for the municipality.

PROVEN APPROACH

In March 2015, Prince George's County, Maryland and Corvias entered into a "first of its kind" innovative 30-year Community-Based Public-Private Partnership (CBP3) named the Clean Water Partnership (CWP). The CWP is a regional

program across 28 individual cities and towns, as well as 7 watersheds, comprised of hundreds of green infrastructure projects aggregated into one delivery method with streamlined permitting. The County and its constituents save millions of dollars while significantly accelerating the execution to achieve regulatory requirements. Ultimately, this Program will deliver 4,000 retrofitted acre credits and includes a 30-year maintenance period. In the first phase of the CWP, Corvias was successful in delivering 2,000 credit acres within 24 months - **the largest ever delivery of credit acres within the shortest period of time.**

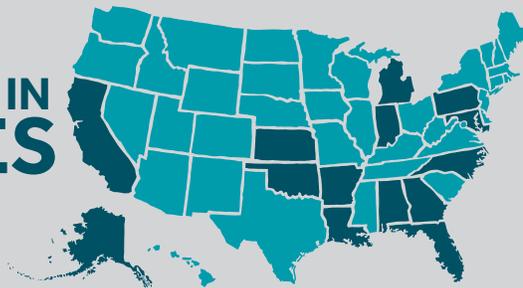
COMMUNITY FOCUS

The true impact of Corvias' municipal partnerships has been felt in the local communities where local and disadvantaged companies have delivered nearly 80% of the work. In addition, Corvias has mentored and developed 17 small protégé firms through a formalized and highly successful Mentor-Protégé Program to be able to bid on and perform work in the stormwater industry.

Corvias incorporates a community-based educational approach that engages local school facilities staff, educators, students, and community members in every element of the development process. To date, Corvias has implemented 25 programs at local schools to encourage participation and facilitate learning in the design and construction of stormwater improvements to public school grounds, green spaces, town recreational facilities, ponds and wetlands, and neighborhood community areas. These projects support community connectivity and provide residents with opportunities for recreation and improvements to overall quality of life.

WE HAVE THE EXPERTISE

PARTNERSHIPS IN
14 STATES
& DISTRICT OF COLUMBIA



504

STORMWATER BEST
MANAGEMENT
PRACTICES (BMPS)

For more information or to speak with a representative from one of our offices nationwide, please contact:

T 401.228.2800
contactus@corvias.com
corvias.com

Corvias