

**APPENDIX F
FORM OF UPDATES REGARDING GREEN PROJECTS AND GREEN BONDS**

Amount of proceeds of the Series 2016 Bonds at the time of issuance:

\$ 35,055,849.09

<u>Project Name</u>	<u>Project Description</u>	<u>Amount of Proceeds of Series 2016 Bonds That Have Been Spent as of December 31, 2017 for Fiscal Year 2017</u>	<u>Total Amount of Proceeds of Series 2016 Bonds That Have Been Spent through December 31, 2017</u>	<u>Percentage of Proceeds of Series 2016 Bonds That Have Been Spent as of December 31, 2017 for Fiscal Year 2017</u>	<u>Percentage of Total Proceeds of Series 2016 Bonds That Have Been Spent through December 31, 2017</u>
Stormwater - Catch Basins and Manholes	This project consists of constructing and repairing catch basins and manholes at various locations within the City of Cleveland.	\$ 1,655,676.53	\$ 2,320,184.87	4.72%	6.62%
Sewer Replacement	This project consists of constructing and installing replacement sewers and repairing and rehabilitation of existing sewers within the City of Cleveland.	\$ 2,605,622.29	\$ 4,341,616.89	7.43%	12.38%
Sewer Lining	This project consists of rehabilitating and relining sewers at various locations within the City of Cleveland.	\$ 1,865,870.95	\$ 2,566,438.95	5.32%	7.32%
Sewer Connections	The project consists of rehabilitating and/or repairing sewer service connections at various locations within the City of Cleveland.	\$ 1,672,373.02	\$ 1,855,307.95	4.77%	5.29%
Program Management Team	The project consists of securing a professional firm to provide capital improvements program management for a five-year period to meet WPC goals and objectives including specific levels of service for sewer reliability, functionality and sustainable operations.	\$ 844,931.82	\$ 844,931.82	2.41%	2.41%
Garage Renovations	The project consists of demolition of existing conditions, exhaust fans, radiant heaters, gas detection system, unit heaters, temperature controls and electrical system installation, and windows, shop drawings, samples, warranties, guarantees, as-built drawings, clean up and all labor and materials and associated construction requirements, i.e., licenses, bonding, insurance, if applicable as it relates to the maintenance garage ventilation and the replacement of windows.	\$ 541,786.94	\$ 541,786.94	1.55%	1.55%
Bryant Avenue	The project consists of replacing approximately 2,500 feet of sanitary main sewer and storm main sewer on Bryant Avenue between East 105 Street and Parkwood Drive within the City of Cleveland.	\$ -	\$ 1,029,986.06	0.00%	2.94%
West 134th Street	The project consists of installing approximately 1,260 feet of storm relief sewer on West 134 Street, between San Diego Avenue and West Avenue within the City of Cleveland.	\$ -	\$ 497,904.15	0.00%	1.42%
Rockwell Avenue Sewer	This project consists of replacing approximately 962 LF of combined sewer on Rockwell Avenue between East 13th Street and East 17th Street within the City of Cleveland.	\$ -	\$ 796,705.07	0.00%	2.27%
East 150th Street	The project consists of replacing approximately 1,640 feet of 9" sanitary with a 15 inch sanitary sewer on East 150 Street between St Clair Avenue and Aspinwall Avenue. The existing sewers were built in 1906. The sewers are structurally deteriorated, which causes basement and street flooding.	\$ 665,925.30	\$ 665,925.30	1.90%	1.90%
West 48th Street	The project consists of installing approximately 1,700 feet of storm relief sewer and replacing approximately 300 feet of deteriorated sewers on West 48 Street between Park Drive and Memphis Avenue. The existing combined sewer was built in 1916. The sewer is undersized and structurally deteriorated, which causes basement flooding on West 48 Street.	\$ 841,694.41	\$ 841,694.41	2.40%	2.40%
Thrush Avenue	The project consists of replacing the combined main sewer on Thrush Avenue between West 117th Street and Bosworth Road in Ward 11.	\$ 358,380.19	\$ 358,380.19	1.02%	1.02%
West 83rd Street	The project consists of replacing approximately 800 feet of No. 2 brick combined main sewer on West 83 Street between Detroit Avenue and Lake Avenue. The existing sewer is built in 1906. The sewers are structurally deteriorated, which causes basement and street flooding.	\$ 364,435.29	\$ 364,435.29	1.04%	1.04%
East 85th Street	The project consists of relocating the exiting Spring Brook Culvert. The project is located in Ward 5 in the area bordered by East 85 Street, Crawford Road, Hough Avenue, East 105 Street and Chester Avenue, which is a residential area. The existing culverted storm sewer (Spring Brook Culvert) runs under properties in this area and discharges into Doan Brook. The sewer was built in the early 1900's. The sewer is structurally deteriorated.	\$ 121,716.65	\$ 121,716.65	0.35%	0.35%
Rocky River Drive	The project consists of installing approximately 1,200 feet of sanitary and 1,200 feet of storm sewers on Rocky River Drive, between Puritas Avenue and Laverne Avenue; and approximately 250 feet of sanitary and 250 feet of storm sewers on Rocky River Drive, between Sedalia Avenue and Melgrave Avenue. The existing sewers were built in 1926. This causes property flooding on Rocky River Drive.	\$ 212,609.40	\$ 212,609.40	0.61%	0.61%

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Sewer Work on Roadway Projects - Pearl Road	This project consists of rehabilitation of 2.95 miles of Pearl Road from Brookpark Road to the Interstate 71 northbound ramp. The project also includes streetscaping from State Road to Wildlife Way, new sidewalk, new curb, drive aprons, new storm sewer, new water main, drainage structures, several new traffic control signs and pavement markings, underground lighting conduit and related items.	\$ 79,060.25	\$ 215,956.10	0.23%	0.62%
Sewer Work on Roadway Projects - Scranton Road	This project consists of reconstruction and rehabilitation of approximately 1.4 miles on both Scranton Road and Carter Road between Columbus Road and Fairfield Avenue. Work includes the reconstruction of existing pavement with concrete pavement, curb replacement, driveway repair, catch basins and roadside drainage features, pavement markings, and making curb ramps ADA compliant throughout the project length.	\$ 76,520.10	\$ 167,593.46	0.22%	0.48%
Sewer Work on Roadway Projects - Madison Avenue	This project consists of capital improvements of Madison Avenue between West 117th Street and West Boulevard.	\$ 59,487.50	\$ 59,487.50	0.17%	0.17%
Sewer Work on Roadway Projects - East 152nd Street	This project consists of construction and renovations of East 152nd Street between Woodworth Avenue and Waterloo Road.	\$ 136,060.83	\$ 136,060.83	0.39%	0.39%
Sewer Work on Roadway Projects - Fulton Road/West 28th Street	This project consists of sewer cleaning and CCTV inspections on Fulton Road/West 28th Street from Clark Avenue to Detroit Avenue.	\$ 13,088.61	\$ 13,088.61	0.04%	0.04%
Grand Total		\$ 12,115,240.08	\$ 17,951,810.44	34.56%	51.21%