

8739 W. Coal Mine Ave.
Littleton, CO 80123
303-979-2333



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Your Water

December 2017

Office Location and Hours

8739 W. Coal Mine Ave.
Littleton, CO 80123

Monday - Friday 8:00 a.m. - 4:30 p.m.
Visit us online at www.PlatteCanyon.org for more information about Your Water and the activities of the District.

Improvements

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Metropolitan's C-line interceptor sewer. Five manholes on the pipeline are deteriorating and require rehabilitation. Project CIP 18-1S proposes lining the manholes, replacing steps, and restoring the manhole benches. SpectraShield is the lining material that will be specified for this project. The estimated cost of the project is \$16,848 and Grant Water and Sanitation District will be responsible for 96 percent of the cost.

The capital plan proposes nine additional water main replacement projects between 2019 and 2027 consisting of 5,667 feet of pipe; 475 feet of asbestos-cement pipe and 5,192 feet of cast iron pipe. Together these projects are estimated to cost \$1,415,351 including engineering and contingencies.

The capital plan for 2017 also reserves \$25,000 for cured-in-place lining of unspecified segments of sewer pipe. These funds will only be spent in the event that routine video inspections reveal a need to perform immediate repairs of existing sewer mains.

For each year between 2019 and 2027, expenditure of \$25,000 is being proposed for cured-in-place pipeline rehabilitation of sewer mains that are found to be either structurally deficient or heavily infiltrated with roots. The location and scheduling for these rehabilitation projects is determined by routine sewer video inspections. An annual contract is awarded to a single sewer rehabilitation contractor to conduct repair and rehabilitation projects on an as needed and authorized basis.

Vehicle replacement costs for the period between 2018 and 2027 are projected to be \$1,214,000, \$133,000 more than the amount proposed in last year's vehicle replacement schedule. A replacement for the District's 2006 Cues sewer video inspection van is proposed for purchase in 2018 at an estimated cost of \$220,000.

The entire Capital Master Plan for 2018 - 2027 is available for download or review at the District's website: www.plattecanyon.org/page.cfm/ID/11/District_Projects.

Winterize!

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believe you're doing a good thing by trying to save money on your electrical bill by turning your thermostat down or off while you are away from home for several days. Interior water pipes can freeze and burst in under-heated homes causing significant property damage and water loss which will not be discovered until you return home- not the welcome home you would want. To prevent this unwanted surprise keep your thermostat set at or above 65° F while you're away over the holiday.

Keep open cabinet doors leading to exposed pipes so that household air can warm them: The natural flow or warmer air will help combat problems.

So take it from us: Don't leave for your holiday vacation unprepared. Prevent the property damage, repair bills, and inconvenience of bursting household and irrigation pipes by applying the above tips. A little preventive preparation will go a long way.

District Capital Master Plan for 2018-2027



The Platte Canyon Board of Directors recently approved a Capital Master Plan for 2018 - 2027. The purpose of the master plan is to itemize, prioritize and schedule water and wastewater facility expansion, rehabilitation and replacement projects as well as vehicle purchases to enhance the accuracy and effectiveness of budgeting and cash flow analysis. The Plan enables the District to be proactive in confronting water and sewer system modifications and rehabilitation.

The 2018 - 2027 Capital Master Plan proposes expenditure of \$1,113,716 in 2018 and \$4,078,598 during the 10-year period extending from 2018 to 2027. This compares with last year's

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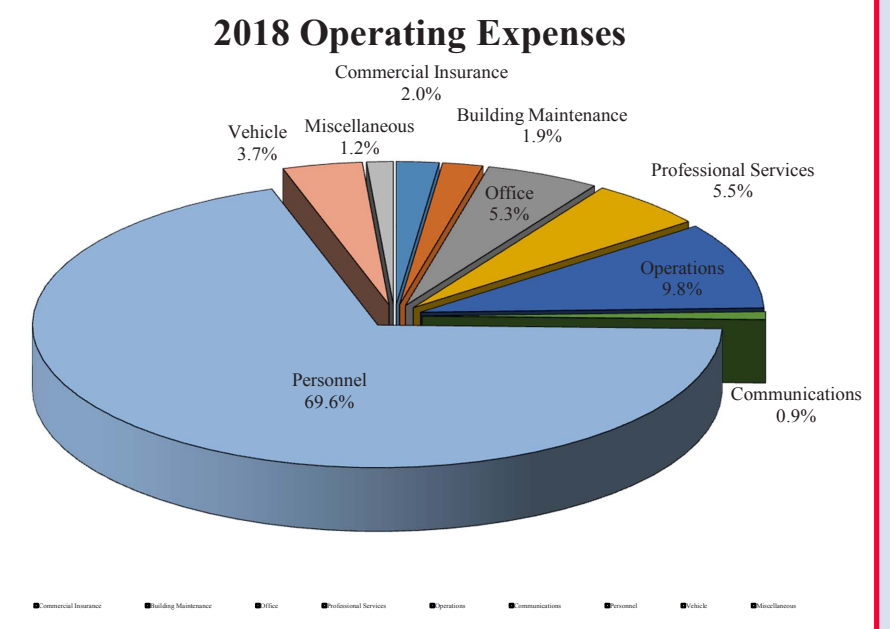
Board Adopts 2018 Budget

The 2018 budget for Platte Canyon Water and Sanitation District proposes general fund expenditures of \$2,454,290 and capital expenditures of \$1,547,129. Total expenses amounting to \$4,001,420 will exceed projected 2018 revenue of \$3,242,617 by \$758,803. The deficit will be funded by a transfer from the District's reserve fund and will not result in higher taxes or customer charges.

The basic mill levy of 7.104 mills has not risen since 2005. Property and specific ownership tax revenue will remain the largest source of District funds at \$1,754,256. This is 54.1 percent of total revenue.

Another significant source of revenue for the District is derived from administrative and facility maintenance services provided to adjacent water and sewer utilities including Southwest Metropolitan, Bow Mar, Columbine, and Lochmoor Water and Sanitation Districts and Valley Sanitation District. Revenue produced from these services is estimated to be \$1,348,110

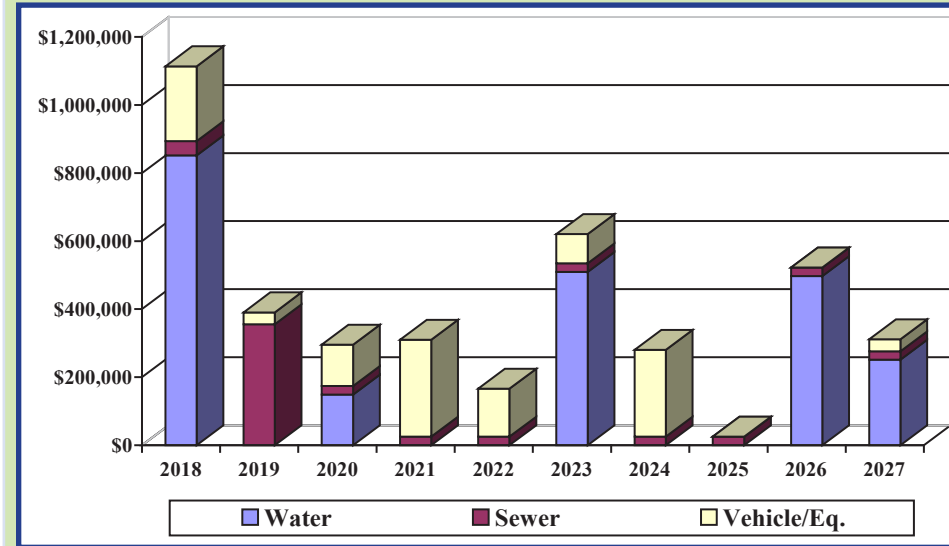
Water and sanitary sewer tap permit revenue is a declining source of revenue for the District due to the fact that there is little undeveloped property within the District boundaries. Revenue from sewer tap permit sales is expected to be \$4,000. No water tap fee revenue is



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Improvements

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Ten-Year Capital Expenditures

master plan projected expenditures for 2017 and 2018 amounting to \$1,831,651 and \$748,470 respectively. Last year's estimate of total expenditures over the ten year period was \$4,387,788, \$309,190 more than this year's plan. Water facility replacement projects account for 60 percent of the total proposed expenditures while sewer rehabilitation expenses and vehicle and equipment purchases account for 15 percent and 25 percent respectively.

Expenditures called for in this Capital Master Plan will result in a reserve fund balance at year end 2018 that is adequate to meet expenditures during the ten year term of the District's financial plan. No increases in tax revenues, tap fees or annexation fees will be required to meet the goals of the current plan.

The Master Plan has been divided into water facility rehabilitation and replacement, sanitary sewer rehabilitation and replacement, and vehicle and

equipment additions and replacements. Most water facility projects are planned replacements of cast iron and steel water mains which have experienced leaks due to electrolysis caused corrosion. No facilities are proposed for the purpose of expanding capacity to serve new development. Existing District facilities are adequate to serve all anticipated development within the District's ultimate service area.

Three water main replacement projects are scheduled for construction in 2018. Two of the projects propose replacement or rehabilitation of sections of the District's 16-inch water transmission line located in S. Sheridan Blvd. (extended) between W. Bowles Ave. and W. Ken Caryl Ave. The first project CIP 18-1W, proposes replacement of 850 feet of 16-inch steel pipe between W. Coal Mine Ave. and W. Ontario Ave. The Second project. CIP 18-2W, also

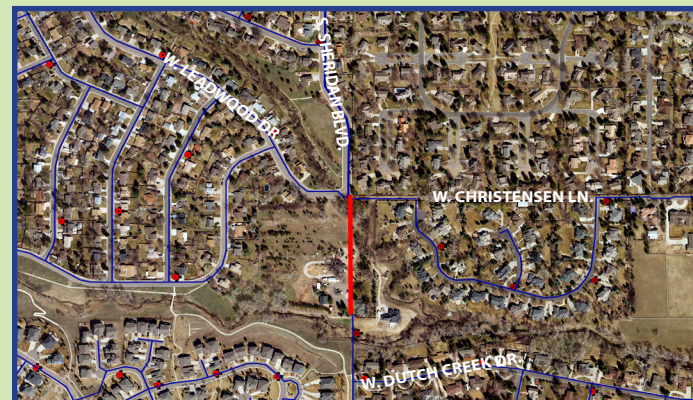
proposes replacement or rehabilitation of another 800 foot segment of the 16-inch steel pipe located between Dutch Creek and W. Leawood Dr. These pipelines are located in narrow easements that preclude replacement of the existing pipes using a cut and cover approach. Rather, the District has retained Dewberry Engineering to study alternative pipeline rehabilitation techniques that will allow lining of the existing pipelines by inserting a new pipeline within the old pipes. A rehabilitation method will be selected by year end 2017 and design engineering and construction will proceed in 2018. The two projects have a combined estimated cost of \$560,283.

The third 2018 capital water project, CIP 18-3W, proposes replacement of 1,378 feet of cast iron water pipe in Geddes Cir. between the north and south intersections with Platte Canyon Dr. This pipeline is the only water facility located in the Columbine Manor Subdivision that has not been replaced due to electrolysis of the cast iron pipe. Six water main breaks have occurred on the pipe since 2003, three of which have occurred in 2017. The estimated cost of the project is \$291,585.

Platte Canyon owns and maintains a 16-inch sanitary sewer in S. Sheridan Blvd. in the Leawood Subdivision. The sewer main was pipe burst in 1995 using a 16-inch polyethylene pipe to expand an existing 8-inch vitrified clay pipe. The Grant Water and Sanitation District paid for the upsizing in order to accommodate growth in the District and provide another connection point to Southwest



Water Main Replacement Between W. Coal Mine Ave. and W. Ontario Ave. (CIP 18-1W)



Water Main Replacement Between Dutch Creek and W. Leawood Dr. (CIP 18-2W)

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Budget

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expected in 2018.

Total revenue projected to be received from all sources in 2018 is \$3,242,617.

Platte Canyon is largely a service-oriented organization since the majority of administration and facility maintenance and operations are performed by the District's 14 full time employees. Thus, 69.7 percent of all general fund expenditures are personnel costs comprised of employee wages and benefits. These costs are expected to be \$1,708,720 in 2018, approximately 4.7% more than the amount budgeted in 2017.

While the District performs nearly all routine facility operation and maintenance services with its own forces, emergency and remedial maintenance services such as excavation work and street restoration are conducted by contractors retained by the District. Proposed expenses for these services is \$121,000, \$4,000 more than budgeted in 2017.

Administrative and professional consulting services include such items as production of the District newsletter, maintenance of the website, maintenance of computer and office equipment, dues for membership in professional associations, and contracting for professional legal and engineering services. The 2018 budget for these items is \$135,050, a decrease of \$5,450 to the 2017 budget.

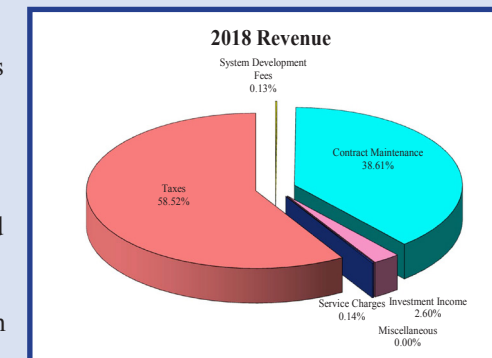
Total general fund expenses budgeted for 2018 are \$2,454,290, \$126,646 more than the amount allocated in 2017.

The budget for capital expenses in 2018 is \$1,547,129; \$404,605 less than budgeted in 2017.

Three water main replacement projects are scheduled for construction in 2018. The largest capital project expense consists of the replacement of 1,378 feet of cast iron water pipe in Geddes Cir. between the north and south intersections with Platte Canyon Dr. This pipeline is the only water facility located in the Columbine Manor Subdivision that has not been replaced due to electrolysis of the cast iron pipe. Six water main breaks have occurred on the pipe since 2003, three of which have occurred in 2017. The estimated cost of the project is \$291,585.

The 2018 District budget includes financial projections for the 10-year period between 2018 and 2027. A deficit is expected in 2018 due to large capital expenditures, but upon completion of those projects the District anticipates annual surpluses from 2019 through 2026. Throughout the 10-year period the District reserve fund will remain at a level believed to be adequate to ensure the continuation of high-quality water distribution and wastewater collection services with no increases in property taxes or customer charges.

The entire 2018 Budget is available on the District's website at: www.plattecanyon.org/page.cfm/ID/21/Financial_Information.



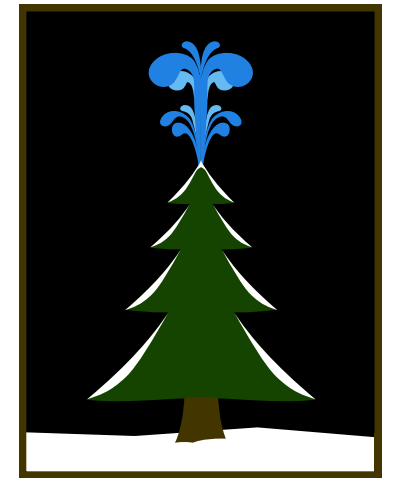
The District office will be closed on Monday, December 25 and Tuesday, December 26 for the Christmas holiday.

If you experience an emergency or would like to report an emergency situation during this time, please call our 24-hour emergency notification number at 303-979-2333 and press 5.

The Employees and Board of Directors of Platte Canyon Water and Sanitation District extends warmest wishes to our customers this holiday season.



Don't Let a Burst Pipe Dampen Your Holidays



Before you head out of town for the holidays, we recommend the following tips to help prevent unexpected damage from freezing while you're away.

Turn off and drain automatic and manual sprinkler systems: Ruptured sprinkler lines can cause property damage, flooding into the home's foundation, impact neighboring properties and has been known to create an ice rink on driveways, sidewalks and streets resulting in walking and driving hazards for passerby. To prevent costly property damage and possible law suits, ensure that your sprinkler system is prepared for your time away from home.

Turn off outdoor faucets and be sure to disconnect hoses: Make sure all faucets and outside piping is fully drained. Disconnect the hose to assure that freeze-proof faucets will drain.

Insulate water pipes that may be vulnerable to the cold or have caused problems before: Pipes close to exterior walls or in an unheated portion of the basement can be wrapped with pieces of insulation. Don't overlook pipes near windows, which can quickly freeze. For particularly difficult pipes, consult a professional on how to select and apply heat tape. Improper use of heat tape can cause fires.

Do not turn off the heat: You might

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