

Planning for Clifton's Wastewater Future

The Existing Facilities and Challenges

Clifton Sanitation District (CSD) owns and operates a 0.285 mgd wastewater lagoon system located near 32½ Rd and D Rd. The lagoon system consists of four lined earthen basins.

In addition to CSD, the Clifton area is also served by Clifton Sanitation District No. 2 (CSD #2), which owns and operates two wastewater lagoon systems: West Lagoon System located at 32 Rd and D Rd and the East Lagoon System located west of 32 Rd and D½ Rd. Effluent from all of the lagoon systems are discharging to the Colorado River under permits issued by the Colorado Department of Public Health and Environment (CDPHE).

Discussions with the CDPHE indicate that effluent discharge limits will be more stringent when the pending permit is issued. The current lagoon systems are not capable of meeting the new limits. An advanced treatment system is required to meet the new limits. But CSD is a very small District with only 875 taps. Because the District lacks the economical scale, it would be very difficult for CSD to build a new advanced treatment facility independently without huge debt. Even if the new facility were built under high debt, it would also be financially difficult to operate and maintain the facility without extremely high user fees. In light of these challenges, the District has agreed to regionalize with the CSD #2 for constructing a new regional facility serving the Clifton area.

Public Meeting

Wednesday, November 30

7:00 p.m.

At Clifton Community Center
126 2nd Street

- Discuss CSD Dissolutionment
- Discuss Engineering Plans to Build an Advanced Wastewater Treatment Plant

Maps, engineering reports, environmental assessments and other pertinent data will be available upon request. All persons interested in the planning efforts and location of the Clifton Regional Wastewater Treatment Facility are invited to appear and express their views. Written statements may be submitted prior to or at the time of the hearing.

The Proposed Project

The project will mainly consist of a new advanced wastewater treatment facility (WWTF), an interceptor routing flows from the CSD#2 East Lagoon and the CSD lagoon system to the new WWTF, rehabilitation of 3700 linear feet of sewer collection system and decommissioning of the existing lagoon systems. The new WWTF will be located on a property adjacent to the CSD#2 west lagoon, immediately west of 32 ¼ Rd. CSD#2 will manage the project.

Based on an engineering report completed by Stantec Engineering of Denver, the recommended treatment system is a state-of-the-art mechanical waste water treatment facility, which was chosen from several alternatives evaluated.

Current/Projected Flows

The present CSD #1 and CSD #2 service area will be completely built-out by year 2025 with an annual 3.5% growth rate. The future planning areas include approximately 242 acres land between the I-70 and Government Highline Canal and 875 acres land east of the CSD#2 boundary to 33 ¾ Rd. The Town of Palisade has indicated that they are not interested in consolidating with Clifton at this time, however, as their system ages and effluent limits become more stringent consolidation may be a real possibility in the future. In addition, CDPHE encourages facility consolidation whenever it is feasible and practical. Design flow for Phase I WWTF will be 2.23 mgd with expandable phases in the future to an ultimate build-out capacity of 4.46 mgd.

CSD Revenue Sources

Tap Fees

Paid by New Development: \$3,200

Plant Investment Fee (PIF) \$1,800 <i>Placed in reserve to pay for our new plant and for replacement of plant equipment.</i>	Capital Improvement Fee (CIF) \$1,400 <i>Placed in reserve to fund projects such as collection line upgrades and replacement.</i>
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Monthly Service Fees

Currently \$20.00/month

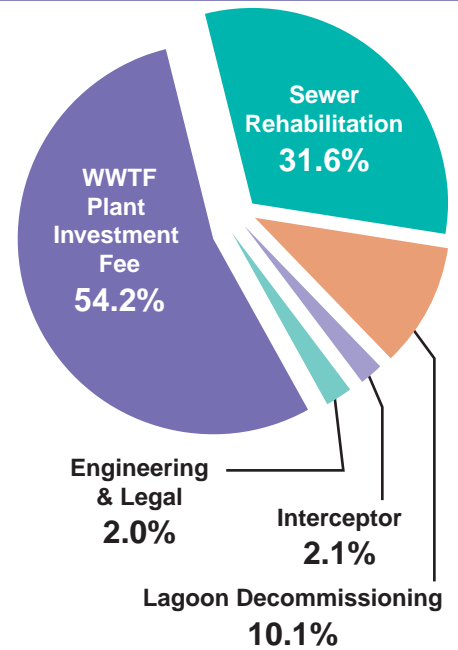
Dedicated to operations, maintenance, and billing only. Currently there is no indebtedness or taxes assessed by the District.

Grant Funding

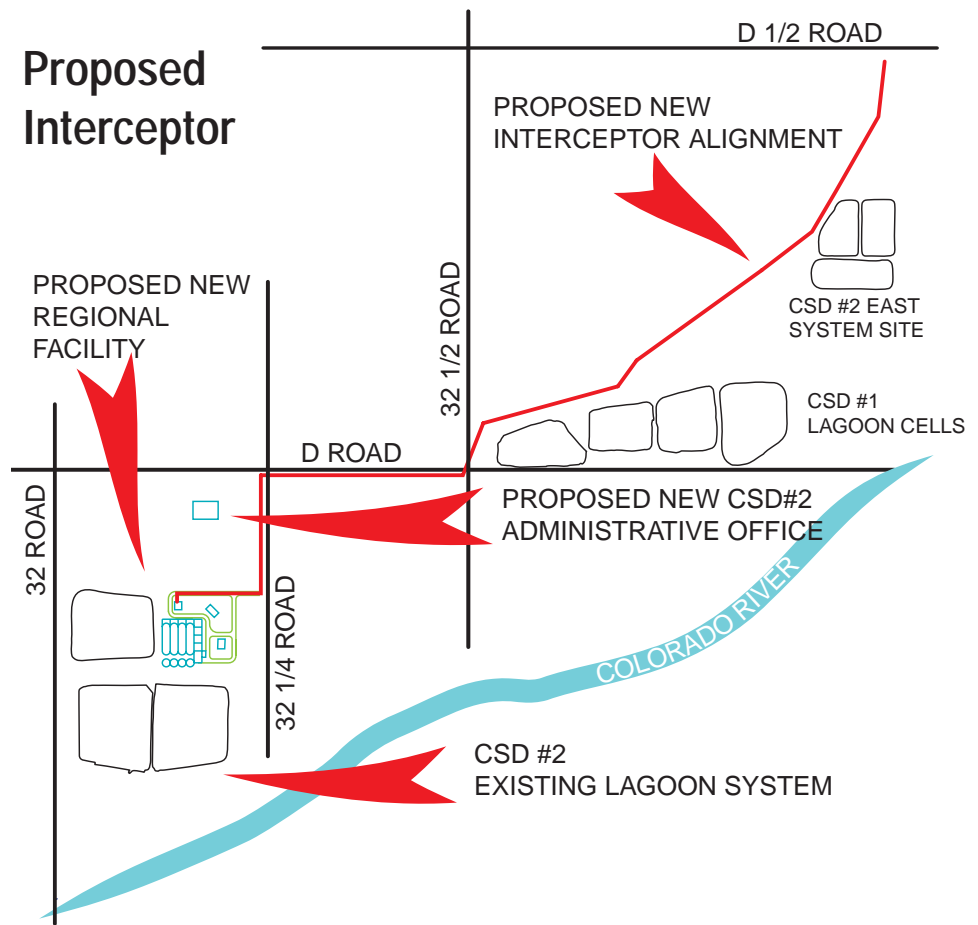
The CSD board members are working diligently to keep the overall cost of the project down. On October 13, 2005, a \$500,000 grant was awarded to CSD by the Energy Impact Assistance Program. This grant is to be used to rehabilitate 3700 linear feet of CSD sewer collection system.

The Estimated Project Cost and Funding

The overall project cost is estimated at approximately \$2.47 million. With the Energy Impact Assistance Grant of \$500,000.00, the District will need to borrow approximately \$1.61 million to purchase its portion of the new state-of-the-art waste water treatment facility. This is far less than the project \$2.4 million required to install an advanced mechanical plant to serve only CSD. Final costs have not been determined but the CSD Board is doing everything in its power to keep the monthly user fees at an absolute minimum.



Proposed Interceptor



Preliminary Project Schedule



2005

Summer: Begin Design of new WWTF

Plant Design In Progress

2006

Winter: Interceptor Construction In Progress

2007

Spring: Interceptor Completed

Summer: Plant Design Completion

Summer/Fall: Begin Plant Construction

2007



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CLIFTON SANITATION DISTRICT

IMPORTANT MEETING: November 30, 2005
7:00 P.M. at Clifton Community Center

Dear Neighbor:

At the Special Election to be held on May 2, 2006, you will be asked to vote on the future of the Clifton Sanitation District. It is very important that you understand all of the issues surrounding the proposed dissolution of the District and the assumption of its duties by Clifton Sanitation District #2.

You are invited to attend an informational session to be held on November 30, 2005, at the Clifton Community Center.

At this meeting, the Board of Directors will explain to you the reasons your Board is recommending the District be dissolved and the sewer functions be assumed by Clifton Sanitation District #2. Your questions and comments will be welcomed. Please plan to attend.

SUMMARY OF THE ISSUES: The Clifton Sanitation District was formed in 1953 to provide sanitary sewer service to the properties inside the District boundaries. Some years later the Clifton Sanitation District #2 was formed and now District #2 completely surrounds the original District. Our District services approximately 875 taps. Over the years, we have been able to keep sewer costs to a minimum. However, now we are at a point where the original system is in need of significant renovation and reconstruction. In addition, due to evolving changes in water quality requirements mandated by the federal EPA and the Colorado Department of Public Health and Environment, our sewer treatment lagoons are unable to meet discharge requirements and in the near future we will be required to replace our existing lagoon facilities. The cost of such replacement is estimated to be in excess of \$2.4 million.

Clifton Sanitation #2 is facing some similar problems. Although its collection system is in excellent condition, Clifton #2 is required to construct a new sewer treatment plant. District #2 has been in the design and planning stage for the construction of a new plant for over one year and District #2 expects to be under construction of its new plant within the next 12 months. This new plant will have sufficient capacity to handle the sanitary sewer discharge from our District.

At this time in our history, it only makes sense for our District to dissolve and for all of its assets and properties to be assumed by District #2. However, before District #2 will accept our system, we must be willing not only to dissolve and to be annexed into the District #2 service territory, but we must be willing to pay for certain collection system upgrades and to pay a fair share of the cost of the new treatment plant.

Your Board strongly believes that the proposed Plan for dissolution is in the best interests of our District and of the Clifton community. Please vote in favor of these propositions at the May election. Also please plan to attend the meeting on November 30, 2005 for further information and to answer your questions.

Sincerely,

Your Clifton Sanitation District
Board of Directors

New Web Site

Visit our new Web site for the latest information regarding our wastewater treatment facility project.

www.cliftonsanitation2.com



Also:

- Upcoming Meetings
- Construction Costs
- Project Status
(updated monthly)
- Scholarship Information

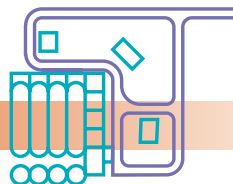
Questions/ Comments?

The District is excited about building your new regional WWTF. If you have any questions, comments, concerns or need more information about the project, please contact the District Manager, Wayne Pond, at 216-4081 or Don Sheley at 434-5702.

We value your input and comments.

Action in Progress
Decommissioning of CSD #1 Lagoons
Construction Completion

2008



CLIFTON SANITATION DISTRICT

510 34 Road
Clifton, CO 81520
(970) (970) 434-7328

PRSRT STD
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CO
Permit #229

Public Meeting Helps Users Understand Issues

At the upcoming Special Election on May 2, 2006, you will be asked to vote on the future of the Clifton Sanitation District. It is important that you understand all of the issues surrounding the proposed dissolution of the District and the assumption of its duties by Clifton Sanitation District #2. The public meeting on November 30, 2005, will serve as an informational session where we will present the reasons why the CSD Board recommends this course of action.

- CSD was formed in 1953 to provide sanitary sewer service to the properties inside the District boundaries. Some years later, CSD#2 was formed and now completely surrounds our district. Over the years we have been able to keep sewer costs to a minimum, but we are now faced with the need for significant renovations in order to meet new EPA and Colorado Department of Public Health requirements. The estimated cost of renovations is estimated to be in excess of 2.4 million dollars.
- Although CSD#2's collection system is in excellent condition, they are required to construct a new sewer treatment plant in order to meet the new discharge requirements. They have been in the design and planning stage for the construction of a new plant for more than a year, and their new plant will have sufficient capacity to also handle the sanitary sewer discharge from CSD.

- CSD has agreed to consolidate with CSD#2 and participate in the construction of a regional state-of-the-art advanced mechanical wastewater treatment facility. This was determined by Stantec Engineers to be the most cost-effective solution.
- It is estimated it would cost CSD approximately 2 times more to build our own advanced WWTP and approximately 3 times more in annual operating costs than to consolidate with CSD#2.
- At this time in our history, it makes sense for the Clifton Sanitation District to dissolve and for all of its assets and properties to be assumed by CSD#2. Before CSD#2 will accept our system, we must agree to pay for certain collection system upgrades and to pay a fair share of the cost of the new treatment plant.
- Your Board strongly believes that the proposed plan for dissolution is in the best interest of the District and of the Clifton community. Please vote in favor of these propositions in the May election.

Public Meeting

Wednesday, November 30, 7:00 p.m.
at the Clifton Community Center, 126 2nd St.
For information, please call (970) 434-5702.