### CROCKETT SANITARY COMMISSION

# Regular Business Meeting AGENDA FOR WEDNESDAY, FEBRUARY 17, 2021

TIME:

7:00 PM

PLACE:

\*\* TELECONFERENCE - SEE BELOW \*\*

#### IMPORTANT NOTICE REGARDING COVID -19 AND TELECONFERENCED MEETINGS:

Based on the mandates by the Governor in *Executive Order 33-20* and the County Public Health Officer to shelter in place and the guidance from the CDC, to minimize the spread of the coronavirus, please note the following changes to the District's ordinary meeting procedures:

- The District offices are not open to the public at this time. (See Resolution No. 19/20-18)
- The meeting will be conducted via teleconference using Zoom.
- All members of the public seeking to observe and/or to address the local legislative body may
  participate in the meeting telephonically or otherwise electronically in the manner described
  below. See end of agenda for information on How to Submit Public Comments.

Agenda packet can be accessed at <a href="https://www.town.crockett.ca.us/2021-2-17-crockett-sanitary-commission-meeting">https://www.town.crockett.ca.us/2021-2-17-crockett-sanitary-commission-meeting</a>.

### **HOW TO OBSERVE THE MEETING:**

**Telephone:** Listen to the meeting live by calling Zoom at 1 (669) 900 9128. Enter the Meeting ID# 894 1312 1632 followed by the pound (#) key. More phone numbers can be found on Zoom's website at <a href="https://zoom.us/u/abb4GNs5xM">https://zoom.us/u/abb4GNs5xM</a>.

Computer: Watch the live streaming of the meeting from a computer by navigating to https://zoom.us/j/89413121632 using a computer with internet access that meets Zoom's system requirements (see <a href="https://support.zoom.us/hc/en-us/articles/201362023-System-Requirements-for-PC-Mac-and-Linux">https://support.zoom.us/hc/en-us/articles/201362023-System-Requirements-for-PC-Mac-and-Linux</a>)

Mobile: Login through the Zoom mobile app on a smartphone, enter Meeting ID# 894 1312 1632.

The Crockett Sanitary Commission is an agent of the Crockett Community Services District.

- CALL TO ORDER ROLL CALL
- 2. CALL FOR REQUESTS TO CONSIDER ITEMS OUT OF ORDER
- 3. PUBLIC COMMENTS ON NON-AGENDA ITEMS:

(The Commission is prohibited from discussing items not on this agenda. Matters brought up that are not on the agenda may be referred to staff for action or calendared for a future date.)

- 4. PUBLIC HEARING:
- 5. <u>CONSENT CALENDAR</u>: Consideration of a motion to approve the following item:

(Items are subject to removal from Consent Calendar by request of any Commissioner on request for discussion by a member of the public. Items removed from the Consent Calendar will be considered with the Administrative Items.)

- a. Approve Minutes of January 13, 2021
- b. Receive Sewer Repair / Replacement Program report for 2020.

### 6. ADMINISTRATIVE:

- a. Consider report on actions taken by the District Board.
- b. Consider Announcement of Vacancy.
- c. Consider safety training for Injury & Illness Prevention.
- d. Receive progress report for new District office.

### 7. WASTEWATER:

- a. Consider Pump Station site cleanup.
- b. Consider report on Equalization tank condition.

### 8. **BUDGET AND FINANCE**:

- a. Consider monthly Summary Worksheet and staff report on financial matters.
- b. Mid-year budget report for FY 20/21.
- 9. <u>REPORT OF DEPARTMENT MANAGER</u>: (These items are typically for exchange of information only. No action will be taken at this time.)
  - a. Operations, maintenance and capital improvements.
  - b. Governmental matters.
  - c. Announcements and discussion.
- 10. <u>REPORTS FROM COMMISSIONERS</u>: (These items are typically for exchange of information only. No action will be taken at this time.)
  - a. Wastewater Committee Members Manzione and Wais
  - b. Budget & Finance Committee Members Wolthuis and Adams
  - c. Inter-agency meetings:

### 11. FUTURE AGENDA ITEMS:

Progress reports as appropriate for new District offices.

Capacity Charge Accessory Dwelling Unit (ADU) Ordinance.

Video outreach for FOG and no wipes down drain.

Recommend award of contract(s).

Recommend payment for sewer project(s).

- 12. COMMENTS FROM COMMISSIONERS:
- 13. ADJOURNMENT to March 17, 2021.

# CROCKETT SANITARY COMMISSION

# of the Crockett Community Services District

P.O. Box 578 - Crockett, CA 94525
Telephone (510) 787-2992
Fax (510) 787-2459
e-mail: manager@town.crockett.ca.us
website: www.town.crockett.ca.us

### MINUTES OF REGULAR MEETING, JANUARY 13, 2021

- 1. CALL TO ORDER: The meeting was called to order at 7:05 PM by Chairperson Manzione. Present were Commissioners Adams and Wolthuis, along with Assistant Dept. Manager Barnhill, Asst. Secretary Witschi, District Engineer Murdock and Administrative Services Manager Gunkelman. Also present were Directors Barassi, Bartlebaugh, Mackenzie and Peterson. Commissioner Wais was absent.
- 2. AGENDA ORDER: There were no requests to change the agenda order.
- 3. PUBLIC COMMENTS: None
- 4. PUBLIC HEARING: None
- 5. CONSENT CALENDAR: The consent items were approved unanimously as follows:
  - a. Approve Minutes of December 9, 2020 (jw/ha).
  - b. Receive annual report on construction permitting for CY 2020 (ha/jw).
  - c. Annual Sanitary Sewer Overflow (SSO) report on Crockett collection system (ha/jw).
- 6.a. DISTRICT BOARD ACTIONS: No report.
- 6.b. ANNOUNCEMENT OF VACANCY: The Announcement of Vacancy will be reposted for 30 days.
- 6.c. UPDATE ON NEW OFFICE BUILDING: Commissioner Wolthuis said Director Bartlebaugh did an excellent job on the project letter for the new office building. Director Barassi said he is here to see that one person from this commission is appointed to the New Office Renovation Ad Hoc Committee. He said next year we can deal with the apartment and extra space with the budget. Director Mackenzie said a complete abatement of the popcorn ceilings will cost \$8K. He said the roof should be fixed soon. Work was scheduled to begin on Monday, January 11, however Synergy did not have the insurance set up yet. Director Barassi said the project letters that Directors Bartlebaugh and Peterson wrote will be helpful for the New Office Renovation (NOR) Ad Hoc Committee to review.
- 6.d. AD HOC COMMITTEE RECOMMENDATION: Director Barassi said he would like to have one sanitary commissioner and two board members on the NOR Ad Hoc Committee for Phase 1 and would like to appoint Commissioner Wolthuis. Commissioner Wolthuis said he wants to make sure everything is related to Crockett Sanitary and funds are used for the right reasons. Director Mackenzie said Director Kirker can appoint Commissioner Wolthuis to the committee. Commissioner Adams wanted to acknowledge all the time and effort Directors Kirker and Peterson have put in to keep the District running smooth.
- <u>7.a. ENFORCEMENT ACTIONS</u>: Mr. Barnhill reported five properties received a Certificate of Compliance and are no longer in violation.

- 7.b. STATUS REPORT AND ACTION PLAN: The Commission reviewed the Status Report and Action Plan for 2021. Director Barassi asked about item E-26 and if there is a plan for the bricks. Commissioner Adams said no. Commissioner Manzione asked about the EQ tank rehabilitation. He said staff should talk to our District Engineer, Vivian Housen and bring back next month. Commissioner Wolthuis said legal counsel should get involved with the new C&H Sewer Service Agreement which ends on June 30, 2021.
- 7.c. UPDATE ON SEWER USE CHARGE ADJUSTMENT: Mr. Barnhill reported he has not heard from the owner at 627 Second Avenue (Toot's Tavern) on the sewer use charge (SUC). He said an adjustment was made based on the meter from \$7,782 to \$5,111.
- 8. FINANCIAL REPORT: The monthly statement of Department finances and report on investments were examined by the Commission. No further report.
- 9.a. STAFF REPORT ON OPERATIONS: Mr. Barnhill reported there were no Sanitary Sewer Overflows (SSO's) in December. He said there were two incidents regarding flowing water in December. On December 22, Cogen staff reported seeing water spouting on the North side of the UPRR tracks near the dock house. On December 29, water was seen flowing down the gutter on Cooke Avenue. The source was a blocked storm drain on Atherton Avenue.
- 9.b. STAFF REPORT ON GOVERNMENTAL MATTERS: None
- 9.c. STAFF ANNOUNCEMENTS: None
- 10.a. WASTEWATER COMMITTEE REPORT: None
- 10.b. BUDGET & FINANCE COMMITTEE REPORT: None
- 10.c. AD HOC COMMITTEES REPORT: None
- 10.d. INTER-AGENCY MEETINGS: None
- 11. FUTURE AGENDA ITEMS:

Consider Pump Station site cleanup (Feb.).

Consider safety training for Injury and Illness Prevention (Feb.).

Consider EQ tank condition (Feb.).

Receive progress report for new District office (ongoing).

Capacity Charge Accessory Dwelling Unit (ADU) Ordinance.

Video outreach for FOG and no wipes down drain.

Recommend award of contract(s).

Recommend payment for sewer project(s).

- 12. COMMISSIONER COMMENTS: Director Barassi said he will be attending all the Commission meetings.
- 13. ADJOURNMENT: The meeting was adjourned at 8:25 PM until February 17, 2021.

Respectfully submitted, Susan Witschi / Susan Witschi January 19, 2021

# CROCKETT SANITARY DEPARTMENT

### of the Crockett Community Services District

P.O. Box 578 - Crockett, CA 94525 Telephone (510) 787-2992 Fax (510) 787-2459 e-mail: manager@town.crockett.ca.us

website: www.town.crockett.ca.us

TO:

**Sanitary Commission** 

FROM:

Sanitary Dept Manager

SUBJECT:

Sewer Repair/Replacement Program

DATE:

February 11, 2021

The collection system currently contains 81,120 linear feet (LF) of gravity sewers. The Crockett Sanitary Commission's Wastewater Committee has set an annual goal for sewer repair/replacement at 1,622 LF of pipe annually, or 2% per year.

Staff resources were focused on other District business in 2020 which lead to the postponement of various capital projects. Nine projects were completed in 2020. The goal for annual replacement is 2% of the collection system.

2020	1,598LF	1.97%
2019	112LF	0.12%
2018	90LF	0.11%
2017	1,716 LF	2.12%
2016	319 LF	0.39%
2015	504 LF	0.62%
2014	615 LF	0.80%
2013	456 LF	0.60%
2012	1,148 LF	1.42%
2011	431 LF	0.53%
2010	1,539 LF	1.90%
2009	484 LF	0.59%
2008	199 LF	0.25%
2007	666 LF	0.83%
2006	334 LF	0.41%
2005	46 LF	0.05%
2004	586 LF	0.72%
2003	574 LF	0.70%
2002	1,071 LF	1.32%
2001	1,948 LF	2.40%
2000	1,116 LF	1.36%

Staff worked with the consulting engineer, V.W. Housen, to identify and rehabilitate the collection system in 2020. Some Construction Management services were being provided by L.R. Paulsell Consulting which has allowed multiple sewer replacement projects to be undertaken in 2020. Funding for repairs and replacement will come from our capital budget.

Staff is processing 2020 CCTV inspection and is currently addressing prioritized emergency spot repairs. Review of the collection system video program for 2020 will continue and will be used to prioritize repairs and replacements. The Sewer Repairs Priority List will be updated and repairs budgeted for accordingly.

Throug	th our sewer rehabilitation program, we are striving to achieve the following objectives:
	Reduce the frequency and severity of sewer overflows.
<u> </u>	Continually improve system reliability, protecting the asset value and the public's investment.
0	Reduce the frequency of emergency repairs.
	Reduce grit in the system.
	Reduce I&I in the system.
	Prevent impacts on the treatment plant that might cause risk of violating discharge requirements.
0	Maximize the serviceable life of each sewer segment.
years.	ajority of Wastewater Districts are moving towards replacement of assets older than 50 Our District began following the 50 year model in 2016. The Wastewater Committee is aged to meet to discuss goals for our replacement program.
	********

### CROCKETT SANITARY COMMISSION

of the Crockett Community Services District

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# ANNOUNCEMENT OF VACANCY

# AND INVITATION TO APPLY FOR A SEAT ON THE CROCKETT SANITARY COMMISSION

The District is now taking applications for a vacancy on the Crockett Sanitary Commission. Applicants must be residents of Crockett. Anyone interested should apply by written letter, clearly identifying the applicant by name, street address and Crockett phone number. Applications must contain a statement of interest and qualifications. The deadline to submit applications to the Crockett Community Services District, PO Box 578, Crockett, CA 94525 is March 11, 2021.

The Sanitary Commission will interview applicants on March 17, 2021 and make a recommendation to the Board. An appointment to the Commission will be made later by the District Board of Directors. The term of office is 24 months. Please call Crockett Community Services District at 787-2992 for more information.

February 18, 2021

c:\mydocs\admin\secretary\vacancy.doc

# Status of EQ Tank,

# Report to the Crockett Sanitary Commission

Gaunt Murdock 2/11/21

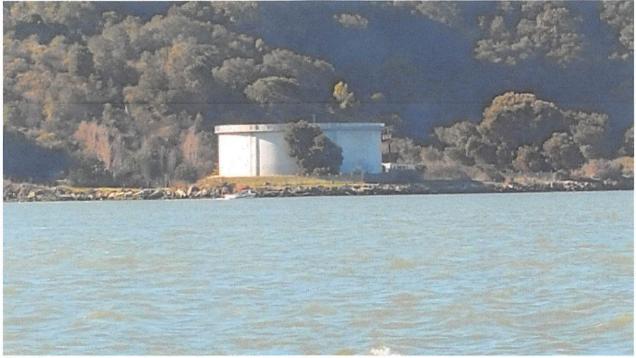


Figure 1

### The Facility

Crockett Sanitary District owns a sewage storage tank located on the shoreline east of the Joint Treatment Plant(JTP). The tank was designed in 1977 and built as part of the now defunct treatment plant and referred to as the equalization(EQ) tank. This tank provides storage on an occasional basis(used every year or two) during periods of high inflow or diminished processing capacity. The most recent use occurred on 1/28/21 when the JTP plant had to take one of their pumps out of use for repair during a rain storm, resulting in 70k Gallons stored for two days.

The tank is 100 feet in diameter and 33 feet high, which would translate to nearly 2M Gallons, however it has not been filled to more than about 3/4 capacity within institutional memory(the height of the highwater mark in the left hand picture in Figures 4.) The tank is open-topped. Design drawings in **Error! Reference source not found.** show rebar spacing, dimensions and the presence of tensioning bands. These drawings are part of a package of design drawings and specs from its original construction.

### Deterioration--spalling and cracking

Because iron increases in volume as it rusts, concrete can be delaminated and pushed off of the surface of the concrete by corrosion of the underlying rebar in process called spalling. This can occur when the rebar is too close to the surface of the concrete, allowing water to penetrate thru to the iron. Spalling on this tank occurs most notably on the vertical columns that are periodically spaced around the tank (See Figure 2Figure 2, left). In this case it is the original form ties that are the metal part of the problem. The middle photo a piece of rebar on the side that has spalled, however the presence of such defects is (fortunately) less prevalent. The top of the wall has exposed rebar ends every 1.5 ft that has spalled. Such damage occurs every 2 feet or so.





Numerous cracks occur on the wall near the base, and when the tank was used for sewage, seepage could be seen coming from these cracks. There are also underlying/nascent cracks with blisters overlaying them that may indicate a greater problem in the future. See **Error! Reference source not found.**. Fortunately, damage appears to be solely on the outside of the tank wall, although it is harder to see and we did not enter the tank.









Figure 3 Cracking. Note eflourescence in middle top and seepage and spalling below.

### Interpretation

The spalling on the columns while abundant, appears to be superficial. Large spalled patches like the middle of Figure 2 Error! Reference source not found. seem rare. I am less confident with the cracks. The cracks at the base show efflourescence, which is mineral deposits that occur as water(sewage) seeps thru the concrete, to evaporate and deposit minerals on the surface. Note too the seepage in the lower photo of figures 3. This seepage may have potential to rust the rebar within the wall. This transiting of water may result in rusting of the rebar withing the wall. The blisters are also curious. In a worst case scenario they may indicate insipient spalling.

#### Recommendations

The acacia tree shown in Figure 1 is very close to the tank, is an aggressive species and must be cut down. Other brush should be cut down also as a mater of course and to ensure regular and adequate inspection of the tank.

While it does not appear to me to be an immediate threat, or in danger of collapse, maintenance of this tank is critical to getting the most life possible out of this difficult to replace asset. Furthermore, while it looks to be usable, assessing this structure is beyond my expertise and I am not confident that my cursory inspection was sufficient.

I have located an engineer that specializes in assessment of aging concrete structures. He appears to be quite experienced in the subject, with a long client list of such projects. He is located in the bay area. His price for a visual survey is \$2350, and based on this survey he might suggest a deeper look and testing of the structure and discussion/recommendation of a remediation/ maintenance strategy. I have included his correspondence as an addendum.

### Solids Residue After Usage

After usage in January a residue was left behind on the tank floor. That this residue is shallow is due to the fact that we had very little sewage in the tank. In the past the solids have been shoveled out. The original design of the tank has water fixtures (1" camlocks) at multiple sites around the rim of the tank this would greatly facilitate cleaning out of the residue but are currently not active as the site lacks water service.







and after.

### Locals/Public, a separate issue

Occasional trespass occurs on the grounds, with some dammage due to scrapping, graffitti etc., However we represent a low value target. A community of regulars lives nearby and has asked for a lock and key. It is imperitive that we never acquiesse to such a request as it could be considered permission. We regularly have holes cut in our fence, and new one has appeared today (2/11/21). There is evidence of trying to pry the font door of the building open. We should make every effort to remove any valubles from the building. We should make an effort to get along with them premised on the conditon that they stay out of our fenced perimeter, but always without granting any permissions that could be used to establish a claim to ownership.



t it was "re-locked" with a carribiner, perhaps indicating a sence I lock and we inserter our lock. Time will tell if that lasts.



#### **EXPERIENCE**

Mr. Kakade has 40 years of experience in construction, investigation, and rehabilitation of concrete and masonry structures. He has constructed reinforced concrete buildings, retaining walls, foundations, and pavements. He has investigated foundations, pavements, warehouse floors, swimming pools, marine structures, commercial and industrial buildings, high rise residential buildings, balconies, plazas, parking structures, tunnels, dams, and others concrete structures.

Mr. Kakade has taught a Concrete Technology course to Engineers, Architects, & Contractors at the UC Berkeley and UC Davis, Engineering Extensions. Mr. Kakade has worked on developing, testing, and modifying concrete mix designs using various chemicals and admixtures. Mr. Kakade was trained in Germany in the use of concrete admixtures, sealants, waterproofing, epoxy, polyurethane injection materials, and polymer modified cementitious repair materials. He has conducted tests on hardened regular weight, light weight, gypsum, colored & polymer-based concretes.

Mr. Kakade has worked on projects having distresses such as water leaks, corrosion of metal, fire related distress, sulfates, cracking, discoloration, concrete moisture related flooring distresses, alkali-silica reactivity, and other design, material, and construction related defects in concrete, stucco, and masonry structures. His work determines the causes of distress to structures and design repairs including waterproofing, crack & spall repairs, corrosion protection, and moisture mitigation systems for concrete slabs. Mr. Kakade performs construction management & quality assurance services for the repair projects.

Mr. Kakade has testified in numerous Arbitrations, Mediations, and Superior Courts as an expert.

### Ashok M. Kakade, P.E.

Fellow of ACI, ASCE, ICRI & ICI

President & Principal Engineer

#### LICENSES

### **Registered Professional Civil Engineer**

CALIFORNIA, License No. C 52427 NEVADA, License No. C 13442 ARIZONA License No. C 39830

#### EMPLOYMENT HISTORY

• 8/1979 - 10/1981: Jr. Engineer Engineering Construction Corporation, India

- 11/1981 7/1986: Resident Engineer McBauchemie Muller GmbH & Co., Germany
- 5/1988 12/1994: Senior Engineer Haynes & Associates, Oakland, CA
- 1/1995-Present, President & Principal Engineer Concrete Science, Inc., Hayward, CA

### PROFESSIONAL STANDING

- President, East Bay Structural Engineers Association, 1992, Officer: 1990-1992
- President, Northern California Chapter, International Concrete Repair Institute (ICRI), 1997, Board Member: since inception in 1993.
- Chairman, American Concrete Institute (ACI) Committee 364, Rehabilitation, 2016-2019
   Member, ACI Committees: 201, 437, 302, 332, & 360
  - Member, ICRI Committee, Coatings and Waterproofing
- \* Member, ASTM F06: F 1869, F710, F2170, F2420
- \* Member ACI, ICRI, ASCE, ASTM & Westcon

#### **AWARDS**

- Fellow of ACI (American Concrete Institute)
- Fellow of ICRI (International Concrete Repair Institute)
- Fellow of ASCE (American Society of Civil Engineers)
- Fellow of ICI, (Indian Concrete Institute)
- 15 Year Service Award from ASTM
- Lifetime Membership Achievement Award by Northern CA Chapter of ICRI

### **EDUCATION**

M.S. in Civil Engineering, 1988
South Dakota School of Mines & Technology, Rapid City, SD.,
B.S. in Civil Engineering, 1979
University of Bombay, Mumbai, India

Designating Mr. Ashok M. Kakade as an expert witness and or the use of this resume in legal proceeding without specific written approval is prohibited.

1534 B Street, Hayward, CA 94541-3018 Tel. (510) 581-2342 Fax: (510) 581-4178 Email: ashokkakade@concretescience.com



A key to successful repair is a thorough Evaluation!



## **About Us**

"A quick response to our client's need is the central theme of our business policy."

Concrete Science, Inc. specializes in material science of concrete, asphalt, stucco and other construction materials. Our engineers with over 25 years of experience have dedicated their career to concrete technology and condition evaluation of existing and new concrete structures. Our unique capabilities in nondestructive evaluation have provided improved diagnosis of structural conditions while reducing the overall testing cost.

We assist structural engineers, architects, contractors and owners with our extensive experience in forensic science and testing to determine the nature and extent of distress.

We answer most frequently asked questions such as,

- "Why did it fail?"
- "Is it construction error, material error or design error?"
- "Who is responsible for the failure?"
- "How can it be economically repaired?"

#### TYPICAL PROJECTS INVOLVE INVESTIGATION OF:

- Cracks in asphalt & concrete pavements, stucco, industrial and residential slabs;
- 2. Various chemical and physical attacks on concrete and stucco;
- 3. Reinforcement corrosion;
- 4. Coating and flooring failures in hospitals, residential, commercial and industrial slabs;
- 5. Fire damage, water leaks and waterproofing issues in concrete buildings;
- 6. Nondestructive testing to locate voids, honeycombs, delaminations, and member thicknesses in buildings, parking structures, tunnels, bridges, and various other structures.



# **Condition Assessment**

"A thorough initial assessment by an experienced engineer is a first step towards a successful diagnosis"



Condition assessment or condition survey begins with a visual walk-through followed by either a preliminary or detailed survey to identify the extent of distress, potential causes, and potential deterioration mechanisms. The condition survey is generally precursor to extensive investigation, testing, and repair recommendations. In every case, Concrete Science, Inc. uses its vast experience from the prior projects to perform the best possible condition assessment within client's budget.

### TYPICALLY, CONDITION SURVEYS ARE REQUESTED FOR THE FOLLOWING PURPOSES:

- 1. To obtain general information of the distress;
- 2. Routine inspections to maintain a structure; or
- 3. To obtain detailed cost estimate for a full scale investigation and repair recommendation.





ConcreteScience.com 1534 B Street, Hayward, CA 94541-3018

Tel: (510) 581-2342

E-Mail: info@concretescience.com

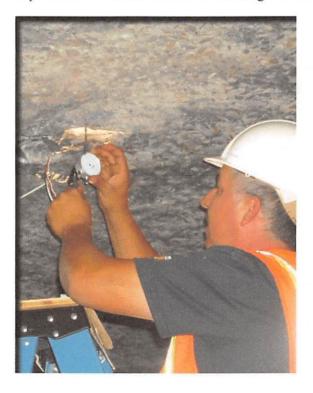


# **Failure Investigation**

"Keen observation & use of appropriate test methods is a key to successful failure investigation"



Before diagnosing the causes of deterioration or failure of a concrete structure, a sound understanding of the physical, chemical and mechanical actions that lead to defects is necessary. Deterioration can result from a range of factors, including design, construction practice, materials, environment and the loading applied to the structure. We at Concrete Science, Inc., have the advantage of having engineers experienced in forensic science of building distress and investigation.



# TYPICAL INVESTIGATION IS PERFORMED FOR:

- 1. Cracks in structure
- 2. Rebar corrosion
- 3. Honeycomb & Voids
- 4. Coating & flooring failure
- 5. Load capacity
- 6. Fire damage & environment effects
- 7. Material strength & Quality
- 8. Construction defects
- 9. Design defects
- 10. Code conformance

E-Mail: info@concretescience.com



# **Testing**

"Our unique expertise in nondestructive testing allows us to minimize destructive testing thus minimizing time and cost."

### **Nondestructive Testing**

Nondestructive tests methods are used for three primary reasons:

- 1. Quality control or troubleshooting of new construction;
- 2. Condition evaluation of existing structures;
- 3. Quality assurance of concrete repairs.



### Typical Applications are:

- · Locate voids, honeycomb, & delaminations;
- · Determine rebar depth, member dimensions;
- · Rate of reinforcement corrosion.

### TYPICAL NONDESTRUCTIVE TEST METHODS

- 1. Schmidt Hammer, Pulse Velocity
- 2. Impact Echo, Impulse response
- 3. Ground Penetrating Radar
- 4. Cross-hole Sonic Logging
- 5. Load/Deflection Test
- 6. Reinforcement Corrosion test

### **Destructive Testing**

Nondestructive findings are typically confirmed by obtaining some cores.





#### TYPICAL TESTS ON CORES

- 1. Compressive & Tensile Strength
- 2. Microscopic examination
- 3. Cement Content, w/cm ratio
- 4. Chemical composition
- 5. Overall quality of concrete

# PARTIAL PROJECT LIST

### NONDESTRUCTIVE TESTING, EVALUATION & ENGINEERING

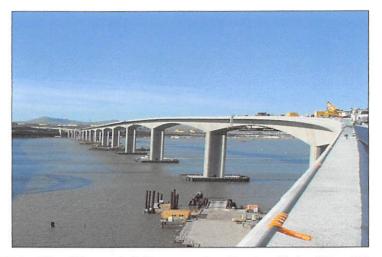
### Benicia Bridge, Vallejo, CA

Evaluation of Post-tensioned concrete slabs and walls

### ASP Building, Marina, CA

Condition Survey of concrete slab and masonry walls

Monterey Peninsula College, Seaside, CA Evaluation of grouting condition of masonry Walls.



War Memorial Community Center, Daly City, CA Radar Survey of concrete slabs

Solidad State Prison, Solidad, CA

Evaluation of precast concrete panels for voids.

Naval Supply Center, Oakland, CA

Determination of the pile depth.

Pier 45, San Francisco, CA.

Determination of the overlay bond.



Point Arena High School Auditorium, Pt. Arena, CA Evaluation concrete walls and columns

### Richardson Bay Bridge

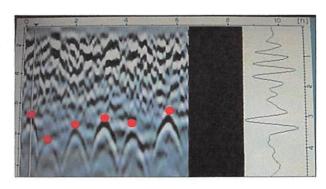
Evaluation of voids in shotcrete seismic repairs.

U.C. Davis Medical Center, Sacramento, CA

Evaluation of new concrete construction.

### Blue Almond Factory, Sacramento, CA

Evaluate slab for delamination due to corrosion of reinforcement.



### Santa Rosa Waste Water Treatment Plant, Santa Rosa, CA

Evaluation of failures in concrete walls and slabs

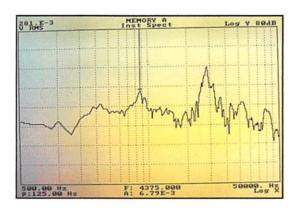
### Soda Ash Plant, Wyoming

Detection of honeycombs and voids in a 4 ft thick mat foundation.

Howard Street, San Francisco, CA Impact echo testing of columns

Parking Garage 330 Vernon Street, Oakland, CA Evaluation of parking garage ceiling

Barrows Hall, U.C. Berkeley, CA Evaluation of exterior façade



Aeration Basin, Grass Valley, CA Evaluation of walls

**Retaining Wall, San Francisco**Evaluation of the concrete quality

**MUNI, San Francisco, CA**Evaluation of piers supporting the poles

**Route 180, Fresno, CA**Evaluation of post-tensioning anchorage section



High-rise Condominium Building, San Francisco, CA Evaluation of concrete slab

Moss Landing Power Plant, Moss Landing, CA Evaluation of intake structures

Kaiser Parking Garage, Santa Clara, CA Evaluation of parking garage column

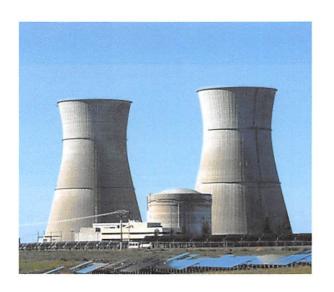
Steel Water Tank, Elk Grove, CA Evaluation of a ring foundation



San Rafael High School, San Rafael, CA Evaluation of shear walls

Consumnes Power Plant, Herald, CA Evaluation of steam generator deck columns Evaluation of pump foundation

**State Capitol, Sacramento, CA**Evaluation of fire damaged stone masonry arches





Residence, Woodside, CA Testing of piles

Caltrans Overpass, Costa Mesa, CA Evaluation of post-tensioning ducts

Parking Garage, Emeryville, CA Evaluation of ceiling slab

**Richmond Bridge, Richmond, CA**Evaluation of deep drilled shafts

UCSF Building, San Francisco, CA Evaluation of a shotcrete wall

Pastoria Energy Facility, Lebec, CA Evaluation of the steam generator deck

First Church of Nazarene, San Jose, CA Evaluation of masonry lintels





Overpass Bridge, San Jose, CA Evaluation of post tensioned foundation

City College, San Francisco, CA Evaluation of shotcrete shear wall

**Residential Foundations, CA**Evaluate foundations



Water Treatment Plant, Bakersfield, CA Kern County Water District

**Diablo Valley College, Pleasanton, CA**Evaluation of an elevator foundation

Bay Bridge Approach, San Francisco, CA Evaluation of post tensioning ducts





# CROCKETT SANITARY DEPARTMENT

# of the Crockett Community Services District

P.O. Box 578 - Crockett, CA 94525 Telephone (510) 787-2992 Fax (510) 787-2459

e-mail: manager@town.crockett.ca.us website: www.town.crockett.ca.us

### MONTHLY SUMMARY WORKSHEET

PREPARED FOR BOARD MT	1/27/21	LATEST FUND REPORT: 1-13-21
OPERATING FUND 3426		: CONSTRUCTION FUND 3427
CASH CARRIED FORWARD:	\$407,813.99	:CASH CARRIED FORWAF \$60,029.28
ACTIVITY: Warrants (6305-6328) Payroll recov From Pour Pour Pour Pour Pour Pour Pour Pour	\$8,880.01 \$0.00	1:
Permits 20-33,20-34, 20-35,20-36,20-37,	\$3,360.00	CASH BALANCE: \$60,029.28
21-1 AT&T SUC Wells Fargo Fees Cost Recovery - shirt Cash Conversion	\$95.92	:
	4,01,003.01	:INVESTED BALANCE: \$899,464.02
CASH BALANCE:	\$1,111,895.35	:FUND 3427 BALANCE: \$959,493.30
ADV ON TAXES: 060 Prop tax Beginnir Cash Conversion Ending Balance	\$1,360,112.02 (\$761,605.01)	:  :  :  : CAPITAL RESERVE FUND 3429
160 Adv Supp Prop ta> No activity Ending Balance	\$0.00	CASH CARRIED FORWAF \$262.00 : ACTIVITY:
		Invest Scvs \$0.00
INVESTED BEG. BALANCE: Invest Interest	\$2,171,907.12	CASH BALANCE: \$262.00
Ending Balance:	\$2,171,907.12	INVESTED BEGIN BAL. \$71,214.78 : Invest Interest \$0.00
FUND 3426 BALANCE:	\$3,886,427.37	INVESTED BALANCE: \$71,214.78
TAXES held in 3240: CO.charges in 3240:	\$363,287.64 \$0.00	FUND 3429 BALANCE: \$71,476.78
ACCURED DEBT OWED TO CV	AN:	CONTRACTOR BONDS ON FILE:
PCSAN DEPT. MAINT DEPT.	\$378,219.98	35 contractors \$34,500.00

Commissioners: Howard Adams, Mark Manzione, Mary Wais, Jon Wolthuis

## CROCKETT SANITARY DEPARTMENT

### of the Crockett Community Services District

P.O. Box 578 - Crockett, CA 94525 Telephone (510) 787-2992 Fax (510) 787-2459 e-mail: manager@town.crockett.ca.us

website: www.town.crockett.ca.us

TO:

Commissioners

FROM:

Administrative Manager

SUBJECT:

Mid-Year Budget Report for General Fund 3426

DATE:

February 11, 2021

The mid-year Crockett Sanitary Budget Report includes a summary 7-month budget report of the Crockett Sanitary Department Operating Fund 3426, Construction Fund 3427, and Capital Reserve Fund 3429. The adopted Fiscal Year (FY) 20/21 budget included total revenue of \$2,204,604, Operating & Maintenance (O&M) expenses of \$1,433,570, capital outlay allocation of \$1,117,972, and a contingency reserve of \$143,357. While a budget deficit for the Crockett Sanitary Department is not forecast it is important to review the 6-month budget report.

### **HIGHLIGHTS**:

- An interfund loan repayment of \$93,563 was transferred from Port Costa (#325.9) in November.
- Sewer preventive maintenance costs (#70.1) are over budget by \$27,878 and should be monitored closely.
- Joint Treatment Plant (JTP) O&M costs (#411) remains the largest expense faced by the Crockett Sanitary Department. JTP costs are currently \$47,509 under budget. Historically C&H completes most of their capital replacement projects in the spring and summer. Repair and replacement work was done during the rain storm at the end of January that we have not seen the cost for yet.
- Payments began on the loan related to the Hosselkus Chapel acquisition (#414.76 & 423.1)
- Payroll O&M expenses (#6560) are over budget by \$35,549, almost entirely due to the General Manager pay out of all vacation and sick days.

#### **SUMMARY:**

The attached budget report shows the Crockett Sanitary Department is managing its expenses well. Capital replacement and improvements costs on the Administration building will continue through this fiscal year. Any remaining funds from the \$121,000 allocated to these projects will roll into FY 21/22. It does not appear the contingency reserve of \$143,357 will need to be used in FY

20/21. The unspent contingency and rate stabilization reserves will roll forward to next fiscal year on June 30, 2021.

### **STAFF RECOMMENDATION:**

Staff recommends the Crockett Sanitary Commission receive the 6-month budget report.

The Crockett Sanitary Commission's Budget & Finance Committee should meet to discuss the FY 21/22 draft budget and form recommendations accordingly. Increased operations, maintenance, and capital expenses should be planned for in the coming years.

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11:50 AM 02/11/21 Cash Basis

# CROCKETT COMMUNITY SERVICES DISTRICT CVSAN Budget Report

July 1, 2020 through February 12, 2021

	Jul 1, '20 - Fe	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income 3425i · FUND 3425 PCSAN. Income***				
31 · NON-OPERATING REVENUE 318.00 · COST RECOVERY	31.61	0.00	31.61	100.0%
Total 31 · NON-OPERATING REVENUE	31.61	0.00	31.61	100.0%
Total 3425i · FUND 3425 PCSAN. Income***	31.61	0.00	31.61	100.0%
3426i · FUND 3426 CVSAN, Income***				
300 · OPERATING REVENUE				
304 · BUILDING RENTAL REVENUE	0.00	4,952.33	-4,952.33	0.0%
301.1 · SEWER USE CHARGES - CY	773,738.01 96,915.74	1,423,521.00	-649,782.99	54.4% 79.6%
301.3 · SEWER USE CHARGES - C&H 302 · PERMIT FEES	96,915.74	121,764.17 928.57	-24,848.43 31.43	103.4%
303 · CAPACITY CHARGES	0.00	4,503.57	-4,503.57	0.0%
306 · MISC. SERVICE FEES	0.00	928.57	-928.57	0.0%
307 · PENALTIES FINES COLLECTED 318 · COST RECOVERY	0.00	619.02	-619.02	0.0%
318.2 · Abatement Costs	0.00	619.02	-619.02	0.0%
318.6 · Other	954.51	619.02	335.49	154.2%
Total 318 · COST RECOVERY	954.51	1,238.04	-283.53	77.1%
Total 300 · OPERATING REVENUE	872,568.26	1,558,455.27	-685,887.01	56.0%
325 · NON-OPERATING REVENUE				
311 · INTEREST	15,768.89	17,589.59	-1,820.70	89.6%
314 · PROPERTY TAXES trnsfr from 3240	-4,117.89	192,453.86	-196,571.75	-2.1%
316 · ACCESS REPAIR PAYMENTS	0.00	3,851.05	-3,851.05	0.0%
319 · GRANTS	0.00	19,949.43	-19,949.43	0.0%
320 · OTHER NON-OP INCOME	1,004.49	1,238.05	-233.56	81.1%
322 · INTERFUND TRANSFERS - 3427 325.8 · CONTRACTOR BONDS	0.00 5,000.00	65,858.59	-65,858.59 3 4 4 3 9 6	0.0% 269.2%
325.9 · INTERFUND LOAN PAYMENT PCSAN	0.00	1,857.14 73,977.00	3,142.86 -73,977.00	269.2% 0.0%
Total 325 · NON-OPERATING REVENUE	17,655.49	376,774.71	-359,119.22	4.7%
Total 3426i · FUND 3426 CVSAN. Income***	890,223.75	1,935,229.98	-1,045,006.23	46.0%
3427i · FUND 3427 CVSAN. Income***				
303x · FUND 3427 Trns capacity charges	0.00	4,503.57	-4,503.57	0.0%
304x · FUND 3427 Trns for Reserve	0.00	19,809.47	-19,809.47	0.0%
311x · FUND 3427 LAIF Interest (Non-op	5,169.06	6,363.76	-1,194.70	81.2%
Total 3427i · FUND 3427 CVSAN. Income***	5,169.06	30,676.80	-25,507.74	16.9%
3429i · FUND 3429 CVSAN. Income*** 311y · FUND 3429 LAIF Interest (Non-op	409.26	906.88	-497.62	45.1%
Total 3429i · FUND 3429 CVSAN. Income***	409.26	906.88	-497.62	45.1%
Total Income	895,833.68	1,966,813.66	-1,070,979.98	45.5%
Gross Profit	895,833.68	1,966,813.66	-1,070,979.98	45.5%
Eumanaa	•	• • • • • • • • • • • • • • • • • • • •	.,,	
Expense 3241e · FUND 3241 REC. Expense***				
5170 · OFFICE				
5173 · Furnishings& Equipment	1,602.26	0.00	1,602.26	100.0%
5174 · Visa transaction fees	5.63	0.00	5.63	100.0%
Total 5170 · OFFICE	1,607.89	0.00	1,607.89	100.0%
5250 · VEHICLE/TRAVEL REIMBURSEMENT	25.30	0.00	25.30	100.0%
Total 3241e · FUND 3241 REC. Expense***	1,633.19	0.00	1,633.19	100.0%
3426e · FUND 3426 CVSAN. Expense				
410 · COLLECTION SYSTEM ******				
410.211 · LOAN PRINCIPAL	82,425.38	50,467.86	31,957.52	163.3%
410.25 · GAS, FUEL, OIL (DIST. VEHICLE) 410.30 · INSURANCE	350.15	851.76	-501.61	41.1%
410.31 · Property	650.30	0.00	650.30	100.0%
410.30 · INSURANCE - Other	37,479.42	23,283.00	14,196.42	161.0%
Total 410.30 · INSURANCE	38,129.72	23,283.00	14,846.72	163.8%
410.50 · WEST COUNTY O&M (PS)	26,501.23	25,702.19	799.04	103.1%
410.55 · PROF. SVCS. (Coll.) 55.2 · Engineer	13,664.00	0.00	13,664.00	100.0%
<del></del>	,	0.00	,007.00	

11:50 AM 02/11/21 Cash Basis

# CROCKETT COMMUNITY SERVICES DISTRICT CVSAN Budget Report

July 1, 2020 through February 12, 2021

	Jul 1, '20 - Fe	Budget	\$ Over Budget	% of Budget
410.55 · PROF. SVCS. (Coll.) - Other	0.00	3,714.29	-3,714.29	0.0%
Total 410.55 · PROF. SVCS. (Coll.)	13,664.00	3,714.29	9,949.71	367.9%
410.65 · RENT/LEASE EASEMENTS 410.70 · MAINTENANCE	2,521.96	1,547.59	974.37	163.0%
70.1 · Sewers preventive maint (Coll.) 70.1e · Emergency Call Out 70.1 · Sewers preventive maint (Coll.) · Other	1,762.50 86,993.30	0.00 60,877.74	1,762.50 26,115.56	100.0% 142.9%
Total 70.1 · Sewers preventive maint (Coll.)	88,755.80	60,877.74	27,878.06	145.8%
70.2 · Weeds	0.00	928.57	-928.57	0.0%
70.3 · Hardware	21.82	928.57	-906.75	2.3%
70.4 · Repairs 410.70 · MAINTENANCE - Other	2,289.00 1,175.00	928.57 0.00	1,360.43 1,175.00	246.5% 100.0%
Total 410.70 · MAINTENANCE	92,241.62	63,663.45	28,578.17	144.9%
410.90 · UTILITIES				
90.6 · Autodialer alarm	365.01	443.86	-78.85	82.2%
90.1 · Electricity	21,671.07	19,166.90	2,504.17	113.1%
90.2 · Water	2,438.58	1,190.43	1,248.15	204.8%
Total 410.90 · UTILITIES	24,474.66	20,801.19	3,673.47	117.7%
410.95 · OTHER OPERATING (Coll.)				
95.1 Capital Replacements (PS)	1,210.46	17,333.31	-16,122.85	7.0%
95.2 · Other Operating Costs	2,932.77	1,943.76	989.01	150.9%
Total 410.95 · OTHER OPERATING (Coll.)	4,143.23	19,277.07	-15,133.84	21.5%
Total 410 · COLLECTION SYSTEM ******	284,451.95	209,308.40	75,143.55	135.9%
411 · TREATMENT PLANT 411.50 · C&H - JTP O&M	404 240 00	400 000 57	05 040 04	04.00/
411.95 · CAPITAL REPLACEMENT (Treat)	404,346.96 0.00	439,990.57 7,362.31	-35,643.61 -7,362.31	91.9% 0.0%
411.99 · CAPACITY CHARGE Trnsfr to 3427	0.00	4,503.57	-4,503.57	0.0%
Total 411 · TREATMENT PLANT	404,346.96	451,856.45	-47,509.49	89.5%
414 · ADMINISTRATIVE				
414.20 · ELECTIONS 414.35 · MEMBERSHIPS	0.00	656.17	-656.17	0.0%
35.1 · CASA	2,500.00	0.00	2,500.00	100.0%
35.3 · U.S.BANK	55.00	0.00	55.00	100.0%
414.35 · MEMBERSHIPS - Other	189.10	2,971.43	-2,782.33	6.4%
Total 414.35 · MEMBERSHIPS	2,744.10	2,971.43	-227.33	92.3%
414.40 · OFFICE				
40.1 · Postal 40.2 · Supplies	205.25 1,027.82	866.62 1,402.74	-661.37 -374.92	23.7% 73.3%
40.3 · Miscellany	1,389.21	1,114.29	274.92	124.7%
Total 414.40 · OFFICE	2,622.28	3,383.65	-761.37	77.5%
	2,022.20	0,000.00	3701.37	17.570
414.55 · PROF. SVCS. (Admin.) 55.7 · Consultants	4,185.31	1,862.05	2,323.26	224.8%
55.4 · Attorney	7,635.32	8,366.43	-731.11	91.3%
55.5 · Auditor	3,164.13	4,241.05	-1,076.92	74.6%
55.6 · Engineer	2,964.00	13,619.02	-10,655.02	21.8%
Total 414.55 · PROF. SVCS. (Admin.)	17,948.76	28,088.55	-10,139.79	63.9%
414.60 · PRINTING/PUBLISHING	1,485.00	1,114.29	370.71	133.3%
414.65 · RENTS/LEASES 414.70 · ADMIN BUILDING 414.74 · MAINTENANCE	7,200.00	18,571.43	-11,371.43	38.8%
414.74e · Bld Maint. Services	465.00	0.00	465.00	100.0%
414.74r · Bld Repair Services	647.42	0.00	647.42	100.0%
Total 414.74 · MAINTENANCE	1,112.42	0.00	1,112.42	100.0%
414.75 · UTILITIES	477.00		477.00	400.09/
414.75e · Electricity 414.75g · Natural Gas	177.26 169.14	0.00 0.00	177.26 169.14	100.0% 100.0%
414.75w · Water	234.01	0.00	234.01	100.0%
414.75 · UTILITIES - Other	0.00	8,193.71	-8,193.71	0.0%
Total 414.75 · UTILITIES	580.41	8,193.71	-7,613.30	7.1%
414.76 · Loan Principal	11,529.48	0.00	11,529.48	100.0%

11:50 AM 02/11/21 Cash Basis

# CROCKETT COMMUNITY SERVICES DISTRICT CVSAN Budget Report

July 1, 2020 through February 12, 2021

	Jul 1, '20 - Fe	Budget	\$ Over Budget	% of Budget
	3,501.80	28,476.17	-24,974.37	12.3%
414.70 · ADMIN BUILDING - Other	16,724.11	36,669.88	-19,945.77	45.6%
Total 414.70 · ADMIN BUILDING	•	495.19	-432.59	12.6%
414.80 · VEHICLE / TRAVEL REIMBURSEMENT 414.90 · TELEPHONE / INTERNET	62.60			
90.3 · Office phone/fax	1,217.42	0.00 0.00	1,217.42 266.18	100.0% 100.0%
90.4 · Cell phone	266.18 976.13	0.00	976.13	100.0%
90.5 · Internet 414.90 · TELEPHONE / INTERNET - Other	0.00	2,228.57	-2,228.57	0.0%
Total 414.90 · TELEPHONE / INTERNET	2,459.73	2,228.57	231.16	110.4%
414.94 · SOFTWARE SUBSCRIPTIONS	3,022.82	8,701.31	-5,678.49	34.7%
414.95 · OTHER ADMIN	3,034.76	0.00	3,034.76	100.0%
95.8 · Other Misc. Admin	6,274.52	4,580.90	1,693.62	137.0%
95.3 · County & State Charges 95.5 · Recoverable expenses	81.86	4,952.33	-4,870.47	1.7%
95.5r · Recoverable (Rec.)	4.05	0.00	4.05	100.0%
95.5p · Recoverable (PCSan)	0.85	0.00	0.85	100.0%
95.9 · Training and Conferences	0.00	928.57	-928.57	0.0%
414.95 · OTHER ADMIN - Other	610.00	0.00	610.00	100.0%
Total 414.95 · OTHER ADMIN	10,006.04	10,461.80	-455.76	95.6%
414.96 · OTHER OP COVID-19	0.00	619.02	-619.02	0.0%
Total 414 · ADMINISTRATIVE	64,275.44	113,961.29	-49,685.85	56.4%
423 · NON-OPERATING EXPENSES				
423.1 · LOAN INTEREST	25,910.97	10,872.31	15,038.66	238.3%
423 · NON-OPERATING EXPENSES - Other	0.00	1,857.14	-1,857.14	0.0%
Total 423 · NON-OPERATING EXPENSES	25,910.97	12,729.45	13,181.52	203.6%
Total 3426e · FUND 3426 CVSAN. Expense	778,985.32	787,855.59	-8,870.27	98.9%
6560 · PAYROLL EXPENSES ***				
6560.5 · 1959 Survivor Ben Pool CalPERS	115.20	0.00	115.20	100.0%
6560.3 · Workers Comp Surcharges	169.00	0.00	169.00	100.0%
6560.2 · CalPERS Unfunded Liability	5,396.18	0.00	5,396.18	100.0%
414.10 · CVSan · O&M BENEFITS	0 550 20	0.00	2,568.30	100.0%
10.1as · O&M Benefits - Barnhill	2,568.30 1,469.69	0.00	1,469.69	100.0%
10.1dMc · O&M Benefits - McDonald 10.1ds · O&M Benefits - Witschi	326.81	0.00	326.81	100.0%
		0.00	4,364.80	100.0%
Total 414.10 · CVSan - O&M BENEFITS	4,364.80	0.00	4,004.00	
414.5GM · CVSan - O&M SALARY	10,327.66	0.00	10,327.66	100.0%
5.1.dMc · O&M payroll - McDonald	9,904.30	0.00	9,904.30	100.0%
5.1as · O&M payroll - Barnhill 5.1ds · O&M payroll - Witschi	2,708.97	0.00	2,708.97	100.0%
• •	22.940.93	0.00	22,940.93	100.0%
Total 414.5GM · CVSan - O&M SALARY	<b>.</b>		·	102.2%
6560 · PAYROLL EXPENSES *** - Other	119,388.07	116,824.76	2,563.31	
Total 6560 · PAYROLL EXPENSES ***	152,374.18	116,824.76	35,549.42	130.4%
Total Expense	932,992.69	904,680.35	28,312.34	103.1%
Net Ordinary Income	-37,159.01	1,062,133.31	-1,099,292.32	-3.5%
Other Income/Expense				
Other Expense 3427e · FUND 3427 SAN. Expense***				00.40/
414.95x · FUND 3427 service charges	19.00	49.47	-30.47	38.4%
423x · Other Non-Operating Expenses 321b · INTERFUND TRANSFERS - TO 3426	0.00	65,858.59	-65,858.59	0.0%
Total 423x · Other Non-Operating Expenses	0.00	65,858.59	-65,858.59	0.0%
Total 3427e · FUND 3427 SAN. Expense***	19.00	65,908.06	-65,889.06	0.0%
3429e · FUND 3429 SAN. Expense***		0.00	E 00	37.5%
414.95y · FUND 3429 service charges	3.00	8.00	-5.00	
Total 3429e · FUND 3429 SAN. Expense***	3.00	8.00	-5.00	37.5%
Total Other Expense	22.00	65,916.06	-65,894.06	0.0%
Net Other Income	-22.00	-65,916.06	65,894.06	0.0%

11:50 AM

02/11/21 Cash Basis

# CROCKETT COMMUNITY SERVICES DISTRICT **CVSAN Budget Report**

July 1, 2020 through February 12, 2021

Net Income

Jul 1, '20 - Fe... -37,181.01 Budget 996,217.25 \$ Over Budget -1,033,398.26 % of Budget -3.7%

## CROCKETT SANITARY DEPARTMENT

### of the Crockett Community Services District

P.O. Box 578 - Crockett, CA 94525 Telephone (510) 787-2992 Fax (510) 787-2459 e-mail: manager@town.crockett.ca.us

website: www.town.crockett.ca.us

Commissioners / Board of Directors

FROM: Sanitary Department Manager

SUBJECT: Crockett Sanitary Department Managers Report

DATE: February 17,2021

TO:

The Crockett Sanitary Department Managers Report highlights items of interest that occurred between Jan. 8, 2020 and Feb. 11, 2021. The District offices remains closed to the public due to Coronavirus (COVID-19) orders. Social distancing and other safe practices recommended by the CDC and County Health Officer are being followed.

### Operation and Maintenance

- There were no Sanitary Sewer Overflows (SSO) in January.
- An incident involving vandalism resulting in water flow occurred on Jan. 27, Cogen staff
  reported seeing water spouting on the North (water) side of the UPRR tracks near the
  Nantucket; a valve had been removed(stolen) from a 2 inch pipe allowing free flow of
  water. EBMUD field service technician confirmed it was their asset.
- On afternoon of Jan. 27 workers at the JTP informed us they may be needing to divert flow due to one pump being down for repairs. With heavy rain arriving diversion was requested at 1:00 am on Jan. 28. Our flow was diverted for 6 hours, transferring a total of approximately 70,000 gallons.
- There were no reported issues at Loring Pump Station.

### Capital Improvements / Projects

 Review of CCTV sewer cam found several point repairs on otherwise good lines. One of those repairs has been performed at 2<sup>nd</sup> & Wanda and another is underway at this writing at 2<sup>nd</sup> & Rose. We have another repair required that was damaged by utility installing a conduit through our sewer during the crosswalk installation at 3<sup>rd</sup> and Pomona. Staff is in process of contacting parties responsible.