

CROCKETT SANITARY COMMISSION

Regular Business Meeting
AGENDA FOR WEDNESDAY, OCTOBER 16, 2019

TIME: 7:00 PM
PLACE: Crockett Community Center, 850 Pomona Avenue, Crockett

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

1. CALL TO ORDER – ROLL CALL
2. CALL FOR REQUESTS TO CONSIDER ITEMS OUT OF ORDER
3. PUBLIC COMMENTS ON NON-AGENDA ITEMS:
(The Board 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 on a future agenda.)
4. PUBLIC HEARINGS:
 - a. Hearing on violation of District Ordinance No. 18-1, deteriorated building sewer causing inflow of surface water, 601 Winslow Street (APN 354-074-011).
 - b. Hearing on violation of District Ordinance No. 07-1, building sewer inspection and certification required at the time of property sale, 1890 Vista Del Rio (APN 355-113-024).
5. REPORT OF DISTRICT COUNSEL:
6. CONSENT CALENDAR: Consideration of a motion to approve the following items:
(Items are subject to removal from Consent Calendar by request of any Board Member 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 June 19, 2019.
 - b. Receive Status Report on outstanding issues.
 - c. ASR Group NPDES Permit 5-day Notification – Copper Exceedance July 2019.
 - d. Receive cc letter from Supervisor Glover to State Lands Commission re: 501 Port St.
7. REPORT OF CONSULTING ENGINEER:
8. WASTEWATER:
 - a. Consider report on enforcement actions.
 - b. Grundfos Loring Pump Station cellular alarm notification proposal for \$6,570.86, consider authorizing execution of contract which includes 5-year cellular data plan.
 - c. Grundfos continuous pump monitoring solution for primary Crockett Pump Station, consider entering into subscription service agreement for \$750 per month, \$9,000 annual.

9. BUDGET AND FINANCE:
 - a. Consider monthly Summary Worksheet and staff report on financial matters.
 - b. Authorize Capital Sewer Projects for FY 19/20 totaling \$807,030 as previously budgeted.
10. ADMINISTRATIVE:
 - a. Consider report on actions taken by the District Board.
 - b. Receive status report on Atherton-Cooke Sewer Project No. C-1002 and Pomona Street Sewer Replacement Project No. C-1004, discuss and form recommendations.
 - c. Recommend award of contract for Atherton-Cooke Sewer Project to apparent low bidder ECAST Engineering, Inc. for principal contract amount of \$134,727 for work on Atherton Avenue and \$139,361 for work on Cooke Avenue using horizontal directional boring.
11. REPORT OF DEPARTMENT MANAGER: (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.
12. REPORTS FROM COMMISSIONERS: (These items are typically for exchange of information only. No action will be taken at this time.)
 - a. Wastewater Committee – Members Bartlebaugh and Manzione
 - b. Budget & Finance Committee – Members Wolthuis and Adams
 - c. Ad Hoc Committees:
 - d. Inter-agency meetings:
13. FUTURE AGENDA ITEMS:
 - Comment on draft of Capacity Charge Accessory Dwelling Unit (ADU) Ordinance.
 - Consider recommended enforcement actions.
 - Recommend award of additional construction contract(s).
 - Recommend payment for sewer project(s).
14. COMMENTS FROM COMMISSIONERS:
15. ADJOURNMENT to November 13, 2019.

You will find the Minutes of this meeting posted on our website at www.town.crockett.ca.us
Visit our website for more information on meetings and activities of the Crockett Community Services District and the towns of Crockett and Port Costa on the picturesque Carquinez Strait of the San Francisco Bay.

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

September 30, 2019

Richard L. Rutherford and Steve Rice
601 Winslow Street
Crockett, CA 94525

NOTICE PUBLIC HEARING

601 Winslow Street, Crockett, CA 94525
APN 354-074-011

As the owner of the above referenced property, you have previously been notified by the Crockett Sanitary Department that your property is in violation of District Ordinance No. 07-1, 18-1, the District Code and Standard Specifications for the reason that a broken, damaged, or severely deteriorated building sewer is causing inflow of surface water into the Crockett Sanitary sewer system. The public hearing and meeting of September 18 previously noticed was cancelled.

The Crockett Sanitary Commission will consider this violation and available remedies at a public hearing to be held at 7:00 PM on October 16, 2019, at the Crockett Community Center, 850 Pomona Avenue, Crockett. Your repair to disconnect the roof gutter has been noted. Your request, due to financial hardship, to allow more time to address the broken clay sewer under the sidewalk and in the street will be considered at this meeting. Your failure to correct the deficiencies by this deadline could result in the following actions taken by the Board:

- a. Absent hardship determination, staff will recommend imposing a fine of \$200 against the property, as allowed by Administrative Enforcement Ordinance No. 10-1 and set by Government Code Section 36900(b), and
- b. Recommend a third public hearing be scheduled to address the Notice of Violation, and all available remedies under the law including an additional fine of \$300.

Please be advised that all costs incurred by the Sanitary Department regarding this enforcement action will be recovered from the property owner directly or on the next property tax roll. Attention to these matters is required.

You are invited to attend the public hearing to be held at 7:00 PM on October 16, 2019 at the Crockett Community Center, 850 Pomona Avenue, Crockett. Please call us at 510-787-2992 with any questions.

Sincerely,



Dale McDonald
General Manager

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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October 2, 2019

William and Sharon Chesney
1890 Vista Del Rio
Crockett, CA 94525

NOTICE OF PUBLIC HEARING

1890 Vista Del Rio, Crockett, CA 94525
APN 355-113-024

As the owner of the above referenced property, you have previously been notified by the Crockett Sanitary Department that your property is in violation of District Ordinance No. 07-1, the District Code and Standard Specifications. The Notice of Violation dated July 30, 2019, was duly mailed to you at your address of record. We have received your email dated September 24 advising that a plumber was scheduled to perform a video inspection of your building sewer but to date we have not received the inspection for review.

The Crockett Sanitary Commission will consider this violation and available remedies at a public hearing to be held at 7:00 PM on October 16, 2019, at the Crockett Community Center, 850 Pomona Avenue, Crockett. Your failure to provide a video inspection by this deadline is likely to result in the following actions taken by the Commission:

- a. If a video inspection of the building sewer has been submitted to the Crockett Sanitary Department on or before the above hearing date, staff will postpone the hearing if inspection is received before October 9 or recommend continuing the hearing for one month if inspection is received after this date; or
- b. If no inspection has been received, staff will recommend recording the Notice with the County Recorder at the property owners expense and;
- c. Recommend a second public hearing be scheduled to address the Notice of Violation of Ordinance No. 07-1 and all available remedies under the law, including imposing a fine of \$200 against the property, as allowed by Administrative Enforcement Ordinance No. 10-1 and set by Government Code Section 36900(b)

Please be advised that all costs incurred by the Sanitary Department regarding this enforcement action will be recovered from the property owner on the next property tax roll. Attention to these matters is required.

You are invited to attend the public hearing to be held at 7:00 PM on October 16, 2019 at the Crockett Community Center, 850 Pomona Avenue, Crockett. Please call us at 787-2992 with any questions that you might have.

Sincerely,



Dale McDonald
General Manager

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MINUTES OF REGULAR MEETING, JUNE 19, 2019

1. CALL TO ORDER: The meeting was called to order at 7:00 PM by Chairperson Wais. Present were Commissioners Adams, Bartlebaugh, Manzione and Wolthuis, along with General Manager McDonald. Assistant Dept. Manager Barnhill and Asst. Secretary Witschi were absent excused.
2. AGENDA ORDER: There were no requests to change the agenda order.
3. PUBLIC COMMENTS: None
- 4.a. PUBLIC HEARING – 2 CROLONA HEIGHTS: Mr. McDonald reported the property owner still has not notified the department that the cleanout cap has been reinstalled. Mr. Adams said he believed this house was inherited and that the new owner is the son, a veteran, who may be away and that is why we have not heard anything. A motion to impose a fine of \$200 against the property and scheduled a third hearing carried unanimously (jw/mm).
- 4.b. PUBLIC HEARING – 545 WINSLOW: Mr. McDonald reported the owner is under contract to replace the sewer but the contractor is scheduled out through July. A motion to continue the hearing till August to allow work to be completed carried unanimously (jw/mm).
- 4.c. PUBLIC HEARING – 601 WINSLOW: Mr. McDonald reported the property owner originally planned to turn in a video inspection but none has been received to date. A motion to record the Notice of Violation on the deteriorated building sewer carried unanimously (mw/sb).
- 4.d. PUBLIC HEARING – 14 ROLPH PARK DRIVE: Mr. McDonald reported owner is waiting for another estimate and asked if he can have another month to get another bid. A motion to continue the hearing for one month carried unanimously (mm/ha).
5. CONSENT CALENDAR: The consent item was approved unanimously (sb/mm):
 - a. Approve Minutes of May 15, 2019, as corrected, noting Scott Bartlebaugh made the motion to accept the consent calendar last month.
6. REPORT OF CONSULTING ENGINEER: Staff met with W.W. Housen earlier today to discuss Flygt control system, hydraulic study, and Sewer System Management Plan (SSMP).
- 7.a. ENFORCEMENT ACTIONS: The Commission received the report on recent enforcement actions. Mr. Manzione asked about 574 Alhambra and what staff meant by forced video inspection. Mr. McDonald said he needs to discuss with our attorney the proper notice requirements to access the building with a contractor to perform a video inspection of the sewer lateral. There is no outside cleanout and inspection is only possible by entering the basement area of the house. He believes a court order may be required with possible Sheriff involvement as the non-completed video inspection of the building sewer does not constitute

an emergency. He said that all costs associated with the enforcement action, including inspection and court costs, can be recovered from the property owner.

7.b. SEWER USE CHARGE STUDY REPORT: Mr. McDonald said a report is part of the requirement to place the sewer use charges for FY 19/20 on the tax roll. It is a simplified report as compared to the full report required if a sewer use charge increase were to be proposed. Mr. Bartlebaugh asked if Port Costa may need another loan to address some of their issues they might face next year. Mr. McDonald said not anytime soon as there are a lot of questions that need to be investigated by the Port Costa Sanitary before a loan can even be considered. Mr. McDonald said the Crockett Sanitary Department could absorb an inter-department loan of up to \$250K but anything greater would require the Port Costa Sanitary Department to look for another source of funding.

8.a. 11 MONTH FINANCIAL REPORT AND PROPOSED BUDGET: Mr. McDonald presented the proposed budget report. Staff added \$40K to the budget for hydraulic study as required by our SSMP. In addition to the highlights of proposed changes he informed the Commission on recent action by the Personnel Committee proposing cost-of-living adjustments for the District's employee salary schedule. Mr. McDonald also said the District's Budget & Finance Committee discussed the salary adjustments but did not make a recommendation. The Board will consider action at their next meeting. Property Tax Revenue and RTS Grant Funding will be lower in FY 19/20. The District will be considering reapportioning the District's ad valorem property tax between the Crockett Sanitary Department and Crockett Recreation Department resulting in a slight drop in property tax revenue allocated to the Crockett Sanitary Department in FY 19/20. The Crockett Sanitary Commission discussed the impact the property tax reapportionment policy would have on the Crockett Sanitary Department. Concern was raised that the drafted policy to reapportion the ad valorem property tax left open the possibility that the taxes can be used for other yet undefined needs of the District, in effect leaving a balance in the fund that can be interpreted by the public as a "slush" fund. The Commission expressed their support of the reallocation if the intent of the Board is to restrict funds to the Crockett Sanitary Department and Crockett Recreation Department as they are the current beneficiaries of the tax reapportionment. The Commission suggested the language of the draft resolution may need to be clarified, especially line item #4. The proposed budget includes \$305,920 in property tax revenue for the Crockett Sanitary Department, a decrease in allocation from 85.45% to 82.03%, based on anticipated Board adoption of the new allocation policy. Commissioner Wolthuis commented that at some point the District Board has to look at the impact too step of a rise in salary and benefit costs may have on the taxpayers, taking into consideration the burden it may place on them. Due diligence is required when the Board considers whether to provide salary and benefit increases, keeping in mind that it is public money that is being spent. The Commission supports salary increases and expanding benefits but questioned the impact doing both at the same time would have on the budget. Mr. McDonald reported on the cost allocation formulas used for commercial general liability and said new information on risk exposure has been received which indicate that the Recreation Department should be paying a larger share of the liability premium. It was the consensus of the Crockett Sanitary Commission to support the liability cost allocation rates this year as originally presented in the budget. A motion to accept the budget as presented carried unanimously (mm/jw).

8.b. FINANCIAL REPORT: The monthly statement of Department finances and report on investments were examined by the Commission. No questions were raised.

9.a. NOTICE OF PUBLIC HEARING AND DRAFT RESOLUTION: Mr. McDonald shared the notice and draft resolution overruling objections to the method of collection of sewer service charges for Crockett to the Commission. No suggested changes were made. The resolution will be presented to the District Board on June 26.

9.b. DISTRICT BOARD ACTIONS: Mr. McDonald reported no actions related to the Crockett Sanitary Department were taken by the District Board in May.

10.a. STAFF REPORT ON OPERATIONS: Mr. McDonald presented the department managers report on operations, maintenance, and capital improvements. A revised West County Wastewater District report for February 2019 is included in the packet which corrects flow data reported during the storm events early that month. In addition to what was in the written report he said staff met with our District Engineer Vivian Housen earlier today to discuss the next steps in the MCC Panel replacement project. Mr. Manzione asked about the MCC Panel project and Carquinez Middle School project and its impact on the department.

10.b. STAFF REPORT ON GOVERNMENTAL MATTERS: None

10.c. STAFF ANNOUNCEMENTS: None

11.a. WASTEWATER COMMITTEE REPORT: None

11.b. BUDGET & FINANCE COMMITTEE REPORT: None

11.c. AD HOC COMMITTEES REPORT: None

11.d. INTER-AGENCY MEETINGS: None

12. FUTURE AGENDA ITEMS:

- Authorization of capital projects (August).
- Consider recommended enforcement actions.
- Recommend award of contract(s)
- Recommend payment for sewer project(s).

13. COMMISSIONER COMMENTS: Mr. Adams asked staff if they have heard about plastic micro-particles from treatment plant outfalls that are collecting in the ocean and if anything is being done about them. Mr. McDonald said he has read about it and State regulatory agencies are aware as well. Most of the micro-particles are coming from pollution from storm drains. Mr. Manzione asked if there is an update on switching to By-district vs. At-large elections. Mr. McDonald said the attorney who is sending letters in the greater Bay Area is targeting larger districts that have disadvantaged community representation and that our District is not planning to change how it holds elections at this time.

14. ADJOURNMENT: The meeting was adjourned at 8:52 PM until August 21, 2019. The July 17 meeting will be cancelled as Mr. Bartlebaugh, Mr. Manzione, and Mr. Wolthuis will be unavailable.

Respectfully submitted,

Dale McDonald
September 23, 2019

CV SAN. DEPT. STATUS REPORT

OCTOBER

| <u>DATE</u> | <u>REF.</u> | <u>TASK</u> | <u>STATUS</u> | <u>NEXT STEP</u> |
|-------------|-------------|---------------------------------|-------------------------|------------------------|
| Ongoing | | Flow data analysis | installed iTrack meters | provide to engineer |
| Ongoing | | Sewer database & repair records | current thru 6/13 | Add to ICOM3 CMMS |
| Ongoing | | Financial accounting & budget | Adopted FY 19/20 | Annual Cap Charge Acct |
| Ongoing | | JTP cost allocation adjustment | allocation complete | |
| Ongoing | | C&H diversion analysis | current thru 5/19 | |
| Ongoing | | Creek pollution monitoring | BACKLOGGED | |
| Ongoing | | Manhole maintenance | brush & debris cleared | Review Summer 2020 |

FINANCIAL MATTERS

| | | | | |
|------|------|---|-----------------|-----------------------------|
| 4/18 | F-23 | 10-year revenue program | updated in 2018 | adjust to less conservative |
| 3/18 | F-22 | Climate change impacts | POSTPONED | Strategic planning in fall |
| 3/18 | F-21 | Advance planning renegotiate JUA | POSTPONED | Review JUA in winter |
| 3/18 | F-20 | Advance planning for flow reduction C&H | POSTPONED | To Wastewater Committee |

ENGINEERING MATTERS

| | | | | |
|-------|-------|---------------------------------------|------------------------|---------------------------|
| 5/18 | E-27 | Flyght SCADA with MCC | engineer investigating | develop project docs |
| 12/12 | E-26 | Protect pump station from floods | POSTPONED | remove bricks by Feb 2020 |
| 5/12 | E-25 | 6" sewer behind Third/Wanda | BACKLOGGED | install access point |
| 10/10 | E-24 | Loring pump station alt. power backup | WCWD Power | install generator |
| 7/07 | E-21 | Mercury TMDL | BACKLOGGED | review / research |
| 4/07 | E-20 | Pool discharge permitting | BACKLOGGED | create permit |
| 3/05 | E-10 | EQ tank rehabilitation | cleaned 9/14 | engineers study required |
| 6/04 | E-9.5 | Sewer replacement schedule | 2% per year | Wastewater to review 2019 |
| 8/02 | E-5 | I&I study | BACKLOGGED | to engineer |
| 10/01 | E-4 | Easement agreement (405 Alhambra) | BACKLOGGED | hire surveyor |
| 8/01 | E-3 | Edwards Creek tunnel project | COMPLETED | record grant of easement |

| <u>DATE</u> | <u>REF.</u> | <u>TASK</u> | <u>STATUS</u> | <u>NEXT STEP</u> |
|-------------|-------------|-------------|---------------|------------------|
|-------------|-------------|-------------|---------------|------------------|

ADMINISTRATIVE MATTERS

| | | | | |
|-------|--------|--|-----------------------|------------------------------|
| 1/18 | A-32 | Easement Protection Program | as discovered | revisit enforcement priority |
| 6/17 | A-31 | Access & Repair Agreement Program | BACKLOGGED | develop formal program |
| 4/17 | A-30 | Abandon sewer easement 550 Alhambra | Attorney for language | record abandonment |
| 9/12 | A-28 | Capacity charge payment plan | under review | revise fee ordinance |
| 3/12 | A-27 | Common lateral ordinance | DELAYED | review ordinance |
| 2/10 | A-26 | Capacity charge ordinance | under review | revise by ordinance |
| 11/09 | A-25 | Double permit fees for no permit | drafted | adopt ordinance |
| 3/08 | N-11 | Penalties for lateral SSO negligence | WW Cmte review | develop fines |
| 4/07 | A-20.5 | Lateral replacement | on hold | |
| 11/06 | A-19 | Safety training requirements | identify | annual training |
| 3/04 | A-16 | C&H access requirements | BACKLOGGED | abandon sewers |
| 8/03 | A-15.9 | Grease trap inspection control program | specs updated | develop procedures |
| 8/03 | A-15.8 | Grease trap maintenance | BACKLOGGED | require specified maint. |
| 8/03 | A-15.7 | Grease traps | BACKLOGGED | notify commercial kitchens |
| 3/03 | A-15 | N-00-29 sewer easement | Docs updated | parties to sign |
| 3/02 | A-14 | Encroachment permit (9 Crotona Hgts) | BACKLOGGED | send agreement |
| 2/01 | A-11 | Sewer main acceptance records | BACKLOGGED | disavow by resolution |
| 2/99 | A-8 | West County contract review | on hold | continue with existing |
| 5/98 | A-4 | Emergency binder | revision underway | complete revision |



C&H Sugar Company, Inc.

830 Loring Avenue
Crockett, CA 94525

August 21, 2019

VIA e-mail submittal and First Class Mail

Attn: William Burrell
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

**Re: NPDES Permit 5-day Notification –
Copper Permit Exceedence at EFF-001 in July 2019
C&H Sugar Company, Inc.**

Dear Mr. Burrell:

In accordance with our NPDES permit, C&H notified your office via a telephone conversation on August 1, 2019 regarding the elevated copper sample result at EFF-001 on July 10, 2019. As explained during the follow-up conversation on August 5, 2019, the additional sample results would not be available for several more days as they were submitted to the lab late. Per a voice mail to your office on August 15, 2019, all four of the accelerated sample results were below 10 micrograms per liter ($\mu\text{g/L}$) for copper at EFF-001. As discussed on August 19, 2019, this 5-day letter would be required.

Our semi-annual compliance sample for copper collected on July 10, 2019 at EFF-001 was reported by Caltest Laboratory as having a result of 310 $\mu\text{g/L}$. The maximum daily and average monthly effluent limits for copper at EFF-001 are 120 and 54 $\mu\text{g/L}$, respectively.

Actions Taken -

- Upon review of the lab report, C&H requested that the original sample be re-analyzed in triplicate to verify the reported result.
- In accordance with our NPDES permit requirements, accelerated sampling was initiated for copper at EFF-001 with samples being collected on a daily basis for analysis. See results below.
- C&H conducted a review of the potential copper sources in the once-through cooling water system at the Refinery and no potential sources were identified.
- Maintenance work on the saltwater screener structure had been completed in June 2019 and an impressed current cathodic protection (ICCP) was installed to protect the equipment. Per the manufactures information, the ICCP would not be a source of copper.
- Maintenance work had been completed (during the last six months) on two of the six saltwater pumps in the system and copper parts were not used.

Mr. William Burrell
File #2119.1006 – C&H Sugar Company, Inc.
August 21, 2019

5-day Follow-up Letter
Copper Permit Exceedence at EFF-001

Accelerated Sampling results for Copper (µg/L)

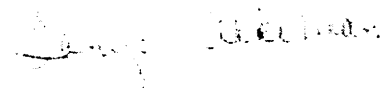
| Date | INF-001 | EFF-001 |
|----------|---------|---------|
| 8/1/2019 | J0.71 | 7.3 |
| 8/2/2019 | J1.5 | 7.5 |
| 8/5/2019 | <2 | 6.5 |
| 8/6/2019 | 8.7 | 6.6 |

Due to not receiving the July 10, 21019 copper results until July 31, 2019, no additional samples were collected in July 2019 at INF-001 and/or EFF-001. In accordance with the Conditions Triggering Accelerated Monitoring, we increased the sampling frequency to daily until the results from the additional samples showed the effluent at EFF-001 complied with the max daily and average monthly effluent limit for August 2019.

As presented above, the four consecutive daily August 2019 samples demonstrate compliance with the max daily and average monthly effluent limits for copper at EFF-001. The additional sample results verify that the elevated copper result at EFF-001 from July 10, 2019 appears to be an isolated event and is not on-going. This information will also be reported in the monthly e-SMR.

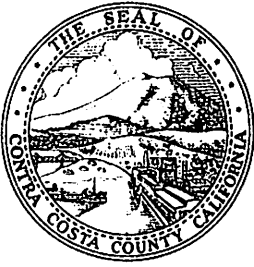
If you have questions about the information contained in this letter, I can be reached at (510) 787-4352 or via e-mail at Tanya.Akkerman@asr-group.com.

Sincerely,



Tanya Akkerman
Environmental Manager

Attachment



FEDERAL D. GLOVER SUPERVISOR, DISTRICT V
CONTRA COSTA COUNTY, BOARD OF SUPERVISORS

August 30, 2019

Antioch (North)
Hercules
Martinez
Pinole (North)
Pittsburg
Alhambra Valley
Bay Point
Briones
Clyde
Crockett
Mt. View
Pacheco
Port Costa
Reliez Valley
Rodeo
Tormey
Vine Hill

Executive Secretary Jennifer Lucchesi
California State Lands Commission
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825

Subject: 501 Port Street, Crockett

Dear Ms. Lucchesi,

I am writing to follow up on our conference call of July 22, in which my staff and I asked for you and your staff to provide:

- Formal written response to Contra Costa County's request of May 7, 2019 in the form of a letter approved by the entire Board of Supervisors, to repair and re-tenant 501 Port Street, Crockett,
- Introductions to and facilitation of a meeting with your contacts at Union Pacific to start addressing the issues around rail crossing to the state's property at 501 Port and adjacent structures;
- Dates for your staff to hold a town hall meeting in Crockett to engage the community in discussions about the SLC-managed land and buildings;
- Better security at the former Nantucket to prevent the ongoing code enforcement and crime in the area.

We have not received the written response nor seen the other items come through. As the SLC staff is aware, the main structure at this site was in use as a restaurant for more than 50 years. With the recent cessation of business there, the restaurant is boarded up and a new source of blight. Its current status also eliminates safe, legal public access to the bay for miles in either direction. I look forward to hearing about progress on this situation through the Department of Conservation and Development.

Sincerely,

Federal D. Glover
Supervisor, District 5

Ph: 925-608-4200
510-942-4200


Fx: 925-608-4209
510-942-4210

cc: Dale McDonald, General Manager, Crockett Community Services
District
John Kopchik, Director, Department of Conservation and Development
190 East 4th Street Pittsburg, CA 94565

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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Telephone (510) 787-2992
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website: www.town.crockett.ca.us

TO: Crockett Sanitary Commission
FROM: General Manager 
SUBJECT: Status Report on Recent Enforcement Actions
DATE: October 10, 2019

Staff continues enforcement of violations related to Ordinance No. 07-1 requiring inspection of the building sewer at time of any property sale and certification of its good condition. In addition, other violations of Ordinances No. 18-1 and No. 05-1 are also being enforced.

The following property received a Certificate of Compliance prior to the sale of the building:

1. 536 EDWARDS STREET – Certificate issued after permit to repair connection to sewer.
2. 824 FIRST STREET – Certificate issued after permit to replace sewer.

The following properties are no longer in violation:

1. 159 DUPERU DRIVE – Certificate issued after permit for repair prior to NOV being issued.
2. 525 ALHAMBRA STREET– Certificate issued after permit for repair after NOV issued.
3. 545 WINSLOW STREET– Certificate issued after permit for replacement after NOV.
4. 14 ROLPH PARK DRIVE - Certificate issued after permit for replacement after NOV.
5. 65 BALDWIN AVE - Certificate issued after permit for replacement after NOV.

The following properties had recent enforcement actions:

1. 1403 WANDA STREET– Notice of Violation issued to correct broken lateral sewer. Emergency repair undertaken by District contractor using opportunity to repair while PG&E trench was open. Absentee owner contacted the Crockett Sanitary Department after work was completed. Indication that damage to lateral was caused by PG&E during trenching. PG&E billed for costs to repair damage. Violation rescinded as lateral was repaired and leak from lateral has stopped.
2. 20050 SAN PABLO AVENUE – Dead Fish restaurant contacted regarding grease trap and Fats/Oil/Grease (FOG) buildup in downstream public sewer. Staff investigating and working with West County Wastewater District to investigate FOG buildup in public sewer.

Additional enforcement action:

1. 154 DUPERU– Access & Repair Agreement executed, work scheduled October 14.

Estimate #1981204603



Billing Address
 Crockett Community
 Services District
 PO BOX 578
 Crockett CA 94525 United
 States
 jbarhill@town.crockett.ca.us
 (510) 787-2992

Service Address
 Crockett Community
 Services District
 303 Vallejo Street
 Crockett CA 94525 United
 States
 jbarhill@town.crockett.ca.us
 (510) 787-2992

Send Payment To
 Grundfos CBS Inc.
 25568 Seaboard Lane
 Hayward CA 94545 USA
 510-512-1300
 Service-CBS@grundfos.com

| | |
|-----------------|------------|
| Total | \$6,570.86 |
| Payments | \$0.00 |
| Balance | \$6,570.86 |

Charges

| Item | Description | Unit Cost | Tax | Quantity | Line Total |
|---|--|------------|-----|----------|------------|
| Material Charge | [1PC] PN: 96161730 Grundfos IO351B | \$456.00 | | 1.0 | \$456.00 |
| Material Charge | [1PC] PN: 99448389 Grundfos CIU 901 I/O | \$222.00 | | 1.0 | \$222.00 |
| Material Charge | [1PC] PN: 99439725 Grundfos CIM 280-US GRM Add-on cpl. Packed | \$489.00 | | 1.0 | \$489.00 |
| Material Charge | [1PC] PN: 99606613 Grundfos GRM Antenna LTE 3 meter cable | \$99.00 | | 1.0 | \$99.00 |
| Material Charge | [1PC] PN: 99606614 GRM Antenna mounting bracket | \$27.00 | | 1.0 | \$27.00 |
| Material Charge | [1PC] PN: 99594770 GRM00616 - CIM 280 - 5 YEAR DATA PLAN | \$1,080.00 | | 1.0 | \$1,080.00 |
| Material Charge | [1PC] PN: 99499908 Battery , Lithium Ion 3,7V 1100mAh cpl | \$51.00 | | 1.0 | \$51.00 |
| Material Charge | Msc. Parts and Hardware - DIN rail, conduit etc. | \$350.00 | | 1.0 | \$350.00 |
| Tax | Material Sales Tax - Crocket, CA [8.25%] | \$228.86 | | 1.0 | \$228.86 |
| Freight | Material Shipping and Handling | \$68.00 | | 1.0 | \$68.00 |
| Labor | Field Service Labor Install GRM hardware, program hardware, activate GRM and start system up. | \$3,500.00 | | 1.0 | \$3,500.00 |
| ***** | | | | | |
| Estimated project completion time = 1-2 Weeks ARO | | | | | |

| | |
|--------------|-------------------|
| Subtotal | \$6,570.86 |
| Tax | \$0.00 |
| Total | \$6,570.86 |

Notes

TAXES and FREIGHT ON MATERIAL(S) WILL BE CHARGED AT ACTUAL & APPLIED ON FINAL INVOICE

Terms

GRUNDFOS USA - GENERAL TERMS AND CONDITIONS APPLIES TO THIS ESTIMATE
 COPIES OF THE FULL GENERAL TERMS AND CONDITIONS ARE AVAILABLE UPON REQUEST.

Proposal for Crockett Community Services District

10/4/2019

ORDER No.: TBA

EFFECTIVE DATE: TBA

The Effective Date shall be the date of installation of the ordered devices

1. PURPOSE / OBJECTIVE OF THE SOLUTION -

Grundfos to install Condition Monitoring solution to predict potential failures before they happen. By using machine-learning technology (Artificial Intelligence) and applying it to mechanical data collected on a continuous basis, we enable you to identify the precise cause of developing mechanical issues at their earliest stage, reducing time spent on root cause analysis, and preventing machine degradation and unexpected failures.

2. CUSTOMER INFORMATION

| | |
|-------------------------|--|
| COMPANY NAME | Crockett Community Services District |
| ADDRESS | 850 Pomona Street, Crockett, CA 94525 |
| CONTACT NAME | James Barnhill Dale McDonald |
| CONTACT EMAIL AND PHONE | jbarnhill@town.crockett.ca.us , manager@town.crockett.ca.us |
| INSTALLATION LOCATION | Crockett Sanitary Department, 400 Port St., Crockett, CA 94525 |

3. TERM ARRANGEMENTS

| | |
|-------------|--|
| DESCRIPTION | Phase 1 – Subscription basis based on agreed value proposition |
| TERM | Phase 1 - [360] days beginning on the Effective Date. |

4. TIMELINE

Outlined below is the roll-out plan for the trial period. Beyond these specific touchpoints is of course continuous support and dialogue with the Grundfos team. Your main point of contact will be identified as we agree to move into the trial period.

| Roll-out plan | Suggested timeline | Effective dates |
|--|---|-------------------------------|
| Site survey | | October 3 rd 2019 |
| Installation | - | October 29 th 2019 |
| Kick-off call* | <i>approx. 7 days after installation</i> | |
| Post-Baseline call** | <i>approx. 14 days after installation</i> | |
| Final review before moving to Phase II and paid subscription | <i>approx. 40 days after installation</i> | |
| Continuous support | | |

*Kick-off call: Primary objective of this Skype call is to introduce you to our online platform

** Post-Baseline call: After installation it takes approx. 14 days before we have baselined all machines on which we have installed the sensors. This call is to give you the first machine health report. *Note: we may detect issues on your machines within the baselining period and will of course reach out to you immediately if that is the case.*

5. INSTALL PROCESS AND REQUIREMENTS

Grundfos will conduct a pre-installation site survey to ensure the site conditions allow proper installation. 120V Power outlets may be needed within the proximity of the pumps to install a node and cellular router per each site. This will be reviewed during the site survey.

The pumps to be monitored may need to be shut down during the mounting of the sensors. This is required to ensure safe installation of the equipment. The mounting process will take between 20-40 mins at the maximum (per pump). Please note to confirm there are no restrictions for pump shut downs. This will be confirmed again during pre-installation site survey.

6. SERVICES PROVIDED AND INCLUDED

CONDITION MONITORING PLATFORM CONSISTS OF:

CONTINUOUS MONITORING (HALO):

Hardware: Wireless vibration + temperature + magnetic field sensors are attached to your machines using industry standard Loctite glue. These sensors communicate via low-energy Bluetooth to a node which gathers information from multiple machines and utilizes a cellular gateway to transmit the data to cloud-based diagnostics.

Halo diagnostics can alert users to the following issues before they become catastrophic in nature:

- *Radial unbalance - Machine unbalance in the radial direction.*
- *Axial unbalance - Machine unbalance in the axial direction.*
- *Misalignment - Misalignment between the motor and the machine.*
- *Structural mechanical looseness.*
- *Rotating mechanical looseness.*
- *Shaft eccentricity.*
- *Blade/vane pass frequency.*
- *Stator eccentricity.*
- *Rotor eccentricity.*
- *Motor Electrical faults.*
- *Bearing wear detected near motor/equipment.*
- *Bearing wear isolated to driving-end/non-driving end.*
- *Worn/Eccentric Motor Wear or Eccentricity.*
- *Structural Resonance.*
- *Stall or surge cavitation.*
- *Pipe Strain.*
- *Cavitation.*
- *Electricity discharge through bearing - Possible bearing wear detected caused by electric discharge.*
- *Abnormal ultrasound emission.*

SOFTWARE:

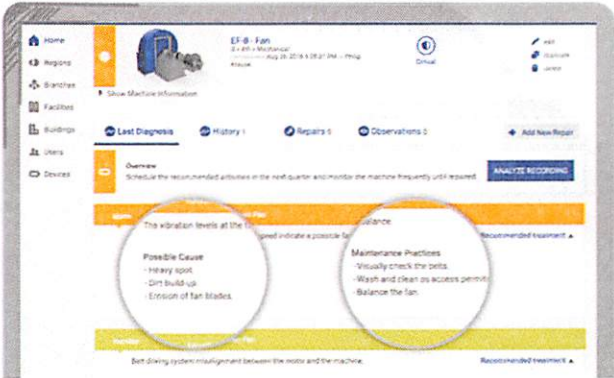
Web-based management platform and iOS/Android app showing machine diagnostics and raw data. Unlimited users, Unlimited machine recordings, Unlimited machine diagnostics, White labeled PDF reports, Mobile app access, Web management platform access, Analyst page access, 24/7 vibration expert support, Technical training & onboarding, Ongoing technical support (in app, phone, email)

- *Full Installation – OSHA Certified Engineers w/PPE*
- *Mutual Goals Alignment, Kick-Off Meeting, and Platform Training*
- *All Hardware is Included, Configured, and Setup*
- *4G Wireless Node(s) Connected to the Cloud*
- *Full Baseline/Setup of Your Assets*

7. CONDITION MONITORING SOLUTION IMAGERY



Sensors placed on specific points of the pump based on application. The sensors are connected through low-energy Bluetooth to a node placed on the wall. The node utilizes a cellular gateway to transmit data to cloud.



Dashboard showing machine diagnostics, raw data and maintenance practices. Can be accessed from your computer or smartphone.

Below, two examples of possible causes and maintenance practices as available on the web-based management platform.

Last Diagnosis
 Recordings 3
 Repairs 0
 Observations 0

Overview
Repair the machine as soon as possible and run with caution until repaired.

[VIEW DIAGNOSIS DATA](#)

danger **Resonance - Motor**

Excessive vibration caused by resonance can result in rapid deterioration of the equipment. Operation of the VFD at 60 Hz output causes resonant amplification of the motor turning speed at approximately 15 Hz.

[Recommended treatment](#) ▼

monitor **Structural mechanical looseness - Motor**

Structural mechanical looseness. Significant axial vibration present which was not detected on Pump #2.

[Recommended treatment](#) ▼

Last Diagnosis
 Recordings 1
 Repairs 0
 Observations 0

Overview
Schedule the recommended activities in the next quarter and monitor the machine frequently until repaired.

[VIEW DIAGNOSIS DATA](#)

alarm **Bearing wear - Driven Pump**

Bearing wear detected near driven pump non-driven end (bearing 4).

[Recommended treatment](#) ▲

Possible Cause

- Improper or contaminated lubrication.
- Improper assembly.
- Overload or fatigue damage.
- Improper fit/tolerances for application.

Maintenance Practices

- During next machine overhaul confirm bearing fits are within OEM tolerances.
- Check bearings lubrication and relubricate if required.
- Replace the driven pump's bearings at the next most convenient opportunity.

monitor **Bearing wear - Motor**

Bearing wear detected near motor driving end (bearing 2).

[Recommended treatment](#) ▼

8. PROGRAM PRICING: STANDARD TERM PRICING

| <u>CONTINUOUS MONITORING SOLUTION (HALO)</u> | | | |
|---|---------------|----------------------------------|---|
| <i>This is a yearly subscription service. There are no upfront costs for equipment or installation.</i> | | | |
| Location | # of Machines | Monthly Charge per machine (USD) | Machines Included (qty.) [description] |
| | 4 | \$125/machine/month | Centrifugal Pump (Allis-Chalmers Model 300) |
| | 2 | \$125/machine/month | Grit Pump (Wevco Model C) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| TOTAL: | | | |

ANNUAL COST : **\$ 750 /month or \$ 9,000/year***
 * Multi installation discount is to be reviewed if proceeding with more than initial six assets for installation

- The condition monitoring solution will provide the following value to the customer –**
1. Continuous Monitoring of Machine Health
 2. Detect any anomalies to the operation of the machine
 3. Prevent Unexpected Breakdowns
 4. Easier process to troubleshoot your essential equipment
 5. Enable you to make more strategic maintenance decisions – planned vs unexpected shut downs
 6. Free up time to focus on your core business

If there are any additional requests by the customer, please provide in writing. We will evaluate and agree on delivering the additional requests.

It is important for Grundfos and the customer to agree on the above value proposition before the period starts. Therefore, we request the customer to please sign this document below confirming their agreement.

9. PAYMENT DETAILS

All invoices for the term shall be issued on a quarterly basis at the beginning of each quarter. Payments shall be made within 30 days of receipt of the applicable invoice. You shall make payment of all amounts due without withholding or deduction of any taxes or other government charges, except as required by law. All payment shall be subject to the provisions of Grundfos' Terms of Use.

10. SIGNED AND APPROVED AS OF THE DATE ABOVE: 10-04-2019

| | |
|--|---|
| <p>[GRUNDFOS]</p> <p>By:</p> <p>Name: Kasper Svith</p> <p>Title: Digital Service Sales</p> | <p>Crockett Community Services District</p> <p>By:</p> <p>Name: Dale McDonald</p> <p>Title: Manager at Crockett Community Services District</p> |
|--|---|

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 MTG: 9-25-19

LATEST FUND REPORT: 9-12-19

OPERATING FUND 3426

CONSTRUCTION FUND 3427

CASH CARRIED FORWARD: \$99,821.47

CASH CARRIED FORWARD \$40,111.31

ACTIVITY:

ACTIVITY:

Warrants (5934-5952) (\$109,729.97)
Payroll recovery to REC (\$379.15)

No activity \$0.00

Trns from Investments \$90,000.00

CASH BALANCE: \$40,111.31

Permits \$180.00

INVESTED BEGIN BAL.: \$879,317.76

Payroll recovery \$2,959.42

No activity \$0.00

PG&E Discharge Permit \$599.00

Cap. Fee 100 Merchant \$2,425.00

INVESTED BALANCE: \$879,317.76

CASH BALANCE: \$85,875.77

FUND 3427 BALANCE: \$919,429.07

ADV ON TAXES:

060 Prop tax Beginning \$0.00

No activity \$0.00

Ending Balance \$0.00

160 Adv Supp Prop tax \$0.00

No activity \$0.00

Ending Balance \$0.00

CAPITAL RESERVE FUND 3429

CASH CARRIED FORWARD \$271.00

ACTIVITY:

No activity \$0.00

INVESTED BEG. BALANCE: \$2,949,082.42

Trns to cash (\$90,000.00)

CASH BALANCE: \$271.00

INVESTED BEGIN BAL.: \$69,619.71

No activity \$0.00

Ending Balance: \$2,859,082.42

INVESTED BALANCE: \$69,619.71

FUND 3426 BALANCE: \$2,944,958.19

FUND 3429 BALANCE: \$69,890.71

TAXES held in 3240: \$328,446.40

CO.charges in 3240: \$0.00

ACCURED DEBT OWED TO CVAN:

CONTRACTOR BONDS ON FILE:

PCSAN DEPT. \$302,196.85

MAINT DEPT. \$0.00 :

27 contractors \$26,500.00

9:00 AM

CROCKETT COMMUNITY SERVICES DISTRICT Reconciliation Detail

09/16/19

FUND 3426 - CV SANITARY - O&M, Period Ending 09/12/2019

| Type | Date | Num | Name | Memo | Clr | Amount | Balance |
|--|------------|------|-------------------------|--|-----|--------------------|---------------------|
| Beginning Balance | | | | | | | 3,048,903.89 |
| Cleared Transactions | | | | | | | |
| Checks and Payments - 21 Items | | | | | | | |
| Check | 08/20/2019 | 5934 | L.R. PAULSELL CON... | Cleaning, Emeg repair, inspection | X | -14,867.02 | -14,867.02 |
| Check | 08/20/2019 | 5935 | Rescue Rooter | Bond Returned - Rescue Rooter | X | -1,000.00 | -15,867.02 |
| Check | 08/20/2019 | 5936 | U.S. BANK | Various Office and gas for truck | X | -578.61 | -16,445.63 |
| Transfer | 08/27/2019 | | | Payroll recovery Aug 1-15 CVSAN to REC | X | -379.15 | -16,824.78 |
| Check | 09/06/2019 | 5948 | C&H SUGAR CO. | July Shared Operating Costs | X | -53,424.84 | -70,249.62 |
| Check | 09/06/2019 | 5951 | V.W. Housen & Assoc... | Engineering - SSMP, Atherton, Flyght | X | -8,148.00 | -78,397.62 |
| Check | 09/06/2019 | 5946 | H&R Plumbing and Dr... | JSHS sewer repair - reimbursable | X | -6,900.00 | -85,297.62 |
| Paycheck | 09/06/2019 | 5938 | JAMES G. BARNHILL | Payroll August 2019 | X | -4,411.70 | -89,709.32 |
| Paycheck | 09/06/2019 | 5937 | DALE A. McDONALD | Payroll August 2019 | X | -4,245.07 | -93,954.39 |
| Liability C | 09/06/2019 | 5942 | CalPERS Public Empl... | CalPERS 457 and Retirement | X | -4,034.89 | -97,989.28 |
| Check | 09/06/2019 | 5952 | WEST COUNTY WA... | Contract Services - July | X | -3,576.39 | -101,565.67 |
| Check | 09/06/2019 | 5950 | PG&E | Electric | X | -2,984.27 | -104,549.94 |
| Check | 09/06/2019 | 5945 | MEYERS NAVE | General legal advice | X | -1,557.04 | -106,106.98 |
| Liability C | 09/06/2019 | 5939 | UNITED STATES TR... | Fed Payroll Tax Liability | X | -1,508.38 | -107,615.36 |
| Check | 09/06/2019 | 5949 | Larry Walker Associates | Engineer study PG&E Permit Discharge ... | X | -847.50 | -108,462.86 |
| Liability C | 09/06/2019 | 5940 | EMPLOYMENT DEVE... | EDD State Payroll Tax Liability | X | -443.96 | -108,906.82 |
| Check | 09/06/2019 | 5941 | CalPERS Administrati... | GASB-68 retirement report fee | X | -428.96 | -109,335.78 |
| Check | 09/06/2019 | 5947 | AT&T | Phone - District, fax, and ps alarm | X | -364.07 | -109,699.85 |
| Check | 09/06/2019 | 5944 | MacDonald Accountin... | Audit prep and in-house review Invoice ... | X | -289.15 | -109,989.00 |
| Check | 09/06/2019 | 5943 | LINCOLN FINANCIAL... | LTD Insurance | X | -120.12 | -110,109.12 |
| Transfer | 09/09/2019 | | | Payroll recovery CVSAN to REC | X | -323.70 | -110,432.82 |
| Total Checks and Payments | | | | | | -110,432.82 | -110,432.82 |
| Deposits and Credits - 6 Items | | | | | | | |
| Deposit | 08/16/2019 | | | Capacity Charge 100 Meadow Lane | X | 2,485.00 | 2,485.00 |
| Deposit | 08/30/2019 | | | Discharge fee and permit fee | X | 859.00 | 3,144.00 |
| Transfer | 09/09/2019 | | | Payroll recovery MAINT to CVSAN | X | 43.72 | 3,187.72 |
| Deposit | 09/09/2019 | | | Permit 19-21 - cc | X | 60.00 | 3,247.72 |
| Transfer | 09/09/2019 | | | Payroll recovery PCSAN to CVSAN | X | 1,011.64 | 4,259.36 |
| Transfer | 09/09/2019 | | | Payroll recovery REC to CVSAN | X | 2,227.76 | 6,487.12 |
| Total Deposits and Credits | | | | | | 6,487.12 | 6,487.12 |
| Total Cleared Transactions | | | | | | -103,945.70 | -103,945.70 |
| Cleared Balance | | | | | | -103,945.70 | 2,944,958.19 |
| Register Balance as of 09/12/2019 | | | | | | -103,945.70 | 2,944,958.19 |
| Ending Balance | | | | | | -103,945.70 | 2,944,958.19 |

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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

website: www.town.crockett.ca.us

MONTHLY SUMMARY WORKSHEET

PREPARED FOR BOARD MTG: 7-24-19

LATEST FUND REPORT: 7-11-19

OPERATING FUND 3426

CONSTRUCTION FUND 3427

CASH CARRIED FORWARD: \$216,425.34

CASH CARRIED FORWARD \$40,130.31

ACTIVITY:

Warrants (5889-5897) (\$64,634.81)
 Payroll REC recovery (\$361.74)
 (\$415.09 for June pending)

ACTIVITY:

No activity \$0.00

Close CY Adv on Tax Trn \$48,904.00
 Permits \$30.00
 Payroll recovery \$8.70
 (\$3,819.18 for June pending)

CASH BALANCE: \$40,130.31

INVESTED BEGIN BAL.: \$873,734.53
 No activity \$0.00

CASH BALANCE: \$200,371.49

INVESTED BALANCE: \$873,734.53

FUND 3427 BALANCE: \$913,864.84

ADV ON TAXES:

060 Prop tax Beginning \$48,904.00
 Close CY SEC Tax (\$48,904.00)
 Ending Balance \$0.00

CAPITAL RESERVE FUND 3429

160 Adv Supp Prop tax \$4,117.89
 No activity \$0.00
 Ending Balance \$4,117.89

CASH CARRIED FORWARD \$273.00

ACTIVITY:

No activity \$0.00

INVESTED BEG. BALANCE: \$2,990,196.04
 No activity \$0.00

CASH BALANCE: \$273.00

INVESTED BEGIN BAL.: \$69,177.66
 No activity \$0.00

Ending Balance: \$2,990,196.04

INVESTED BALANCE: \$69,177.66

FUND 3426 BALANCE: \$3,194,685.42

FUND 3429 BALANCE: \$69,450.66

TAXES held in 3240: \$39,996.19
 CO.charges in 3240: \$0.00

ACCURED DEBT OWED TO CVAN:

CONTRACTOR BONDS ON FILE:

PCSAN DEPT. \$302,196.85
 MAINT DEPT. \$0.00

28 contractors \$27,500.00

8:13 AM
07/13/19

CROCKETT COMMUNITY SERVICES DISTRICT
Reconciliation Detail
FUND 3426 - CV SANITARY - O&M, Period Ending 07/11/2019

| Type | Date | Num | Name | Memo | Clr | Amount | Balance |
|--|------------|------|-------------------------|---------------------------------|-----|-------------------|---------------------|
| Beginning Balance | | | | | | | 3,259,643.27 |
| Cleared Transactions | | | | | | | |
| Checks and Payments - 10 Items | | | | | | | |
| Check | 06/21/2019 | 5891 | C&H Sugar Co. (83... | JTP monthly costs May 2019 | X | -52,863.34 | -52,863.34 |
| Check | 06/21/2019 | 5894 | L.R. PAULSELL C... | High pressure sewer cleanin... | X | -7,475.00 | -60,338.34 |
| Check | 06/21/2019 | 5893 | Anthony Polcari | EQ tank weed removal - fire ... | X | -1,800.00 | -62,138.34 |
| Check | 06/21/2019 | 5897 | U.S. BANK | Various | X | -1,441.02 | -63,579.36 |
| Liability Ch... | 06/21/2019 | 5889 | STATE COMPENS... | Workers Comp | X | -591.05 | -64,170.41 |
| Check | 06/21/2019 | 5890 | BAY AREA NEWS ... | Publish ord 19-1 AC 2005020 | X | -245.57 | -64,415.98 |
| Check | 06/21/2019 | 5892 | LINCOLN FINANCI... | LTD & STD insurance July 2... | X | -120.12 | -64,536.10 |
| Check | 06/21/2019 | 5896 | JAMES G. BARNHI... | Reimbursement mileage & ... | X | -78.72 | -64,614.82 |
| Check | 06/21/2019 | 5895 | DALE A. McDONALD | Reimbursement coffee for of... | X | -19.99 | -64,634.81 |
| Transfer | 06/25/2019 | | | Payroll recovery June 1-15 ... | X | -361.74 | -64,996.55 |
| Total Checks and Payments | | | | | | -64,996.55 | -64,996.55 |
| Deposits and Credits - 2 Items | | | | | | | |
| Transfer | 06/25/2019 | | | Mileage recovery May PCSA... | X | 8.70 | 8.70 |
| Deposit | 06/28/2019 | | | Permit 19-14 | X | 30.00 | 38.70 |
| Total Deposits and Credits | | | | | | 38.70 | 38.70 |
| Total Cleared Transactions | | | | | | -64,957.85 | -64,957.85 |
| Cleared Balance | | | | | | -64,957.85 | -64,957.85 |
| Uncleared Transactions | | | | | | -64,957.85 | 3,194,685.42 |
| <i>AS OF JUNE 30, 2019</i> | | | | | | | |
| Checks and Payments - 13 Items | | | | | | | |
| Liability Ch... | 07/05/2019 | 5902 | CalPERS Public E... | CalPERS Retire, Unfunded, ... | | -8,953.31 | -8,953.31 |
| Paycheck | 07/05/2019 | 5899 | JAMES G. BARNHI... | Payroll June 2019 | | -4,295.24 | -13,248.55 |
| Paycheck | 07/05/2019 | 5898 | DALE A. McDONALD | Payroll June 2019 | | -4,031.73 | -17,280.28 |
| Check | 07/05/2019 | 5909 | WEST COUNTY W... | Contract services May 2019 | | -3,264.38 | -20,544.66 |
| Check | 07/05/2019 | 5907 | PG&E | Electricity June 2019 | | -2,450.54 | -22,995.20 |
| Liability Ch... | 07/05/2019 | 5900 | UNITED STATES T... | Fed Tax Payroll Liability | | -1,372.24 | -24,367.44 |
| Check | 07/05/2019 | 5905 | CONTRA COSTA ... | LAFCO FY19-20 Invoice 19... | | -1,116.16 | -25,483.60 |
| Check | 07/05/2019 | 5904 | Streamline | Web hosting 6 months July-... | | -746.40 | -26,230.00 |
| Check | 07/05/2019 | 5903 | MEYERS NAVE | Attorney advice thru May 31 | | -522.75 | -26,752.75 |
| Liability Ch... | 07/05/2019 | 5901 | EMPLOYMENT DE... | State Tax Payroll Liability | | -372.27 | -27,125.02 |
| Check | 07/05/2019 | 5908 | Specialized Electric... | Video alarm monitoring July-... | | -285.00 | -27,410.02 |
| Check | 07/05/2019 | 5906 | AT&T (Phone) | Telephone office May 2019 | | -130.55 | -27,540.57 |
| Transfer | 07/08/2019 | | | Payroll and other recovery C... | | -415.09 | -27,955.66 |
| Total Checks and Payments | | | | | | -27,955.66 | -27,955.66 |
| Deposits and Credits - 3 Items | | | | | | | |
| Transfer | 07/08/2019 | | | Payroll recovery MAINT to C... | | 260.91 | 260.91 |
| Transfer | 07/08/2019 | | | Payroll recovery PCSAN to ... | | 1,376.89 | 1,637.80 |
| Transfer | 07/08/2019 | | | Payroll recovery REC to CV... | | 2,181.38 | 3,819.18 |
| Total Deposits and Credits | | | | | | 3,819.18 | 3,819.18 |
| Total Uncleared Transactions | | | | | | -24,136.48 | -24,136.48 |
| Register Balance as of 07/11/2019 | | | | | | -89,094.33 | 3,170,548.94 |
| Ending Balance | | | | | | -89,094.33 | 3,170,548.94 |

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

P.O. Box 578 - Crockett, CA 94525
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 e-mail: manager@town.crockett.ca.us
 website: www.town.crockett.ca.us

MONTHLY SUMMARY WORKSHEET

| | |
|----------------------------|----------------|
| PREPARED FOR BOARD MTG: | 8-28-19 |
| ----- | |
| OPERATING FUND 3426 | |
| ----- | |
| CASH CARRIED FORWARD: | \$200,371.49 |
| ACTIVITY: | |
| Warrants (5898-5933) | (\$169,301.29) |
| Payroll recovery to REC | (\$273.12) |
| Investment services | (\$103.00) |
| ----- | |
| Trns from Investments | \$60,000.00 |
| Permits | \$120.00 |
| Payroll recovery | \$7,408.85 |
| Pymt 701 Edw AccRepair | \$1,598.54 |
| ----- | |
| CASH BALANCE: | \$99,821.47 |
| ----- | |
| ADV ON TAXES: | |
| 060 Prop tax Beginning | \$0.00 |
| No activity | \$0.00 |
| Ending Balance | \$0.00 |
| ----- | |
| 160 Adv Supp Prop tax | \$4,117.89 |
| Zero out PY FY | (\$4,117.89) |
| Ending Balance | \$0.00 |
| ----- | |
| INVESTED BEG. BALANCE: | \$2,990,196.04 |
| Interest LAIF | \$18,886.38 |
| Trns to cash | (\$60,000.00) |
| ----- | |
| Ending Balance: | \$2,949,082.42 |
| ----- | |
| FUND 3426 BALANCE: | \$3,048,903.89 |
| ----- | |
| TAXES held in 3240: | \$327,182.53 |
| CO.charges in 3240: | \$0.00 |
| ----- | |
| ACCURED DEBT OWED TO CVAN: | |
| ----- | |
| PCSAN DEPT. | \$302,196.85 |
| MAINT DEPT. | \$0.00 |

| | |
|---------------------------|--------------|
| LATEST FUND REPORT: | 8-12-19 |
| ----- | |
| CONSTRUCTION FUND 3427 | |
| ----- | |
| CASH CARRIED FORWARD | \$40,130.31 |
| ACTIVITY: | |
| Investment services | (\$19.00) |
| ----- | |
| CASH BALANCE: | \$40,111.31 |
| ----- | |
| INVESTED BEGIN BAL.: | \$873,734.53 |
| Interest LAIF | \$5,583.23 |
| ----- | |
| INVESTED BALANCE: | \$879,317.76 |
| ----- | |
| FUND 3427 BALANCE: | \$919,429.07 |
| ----- | |
| CAPITAL RESERVE FUND 3429 | |
| ----- | |
| CASH CARRIED FORWARD | \$273.00 |
| ACTIVITY: | |
| Investment services | (\$2.00) |
| ----- | |
| CASH BALANCE: | \$271.00 |
| ----- | |
| INVESTED BEGIN BAL.: | \$69,177.66 |
| Interest LAIF | \$442.05 |
| ----- | |
| INVESTED BALANCE: | \$69,619.71 |
| ----- | |
| FUND 3429 BALANCE: | \$69,890.71 |
| ----- | |
| CONTRACTOR BONDS ON FILE: | |
| ----- | |
| 28 contractors | \$27,500.00 |

CROCKETT COMMUNITY SERVICES DISTRICT
Reconciliation Detail
FUND 3426 - CV SANITARY - O&M, Period Ending 08/12/2019

| Type | Date | Num | Name | Memo | Clr | Amount | Balance |
|--|------------|------|----------------------------|---|-----|--------------------|---------------------|
| Beginning Balance | | | | | | | 3,194,685.42 |
| Cleared Transactions | | | | | | | |
| Checks and Payments - 41 Items | | | | | | | |
| Check | 07/01/2019 | | CONTRA COSTA CO... | Zero out 160 Adv on Supp tax to matc... | X | -4,117.89 | -4,117.89 |
| Liability Check | 07/05/2019 | 5902 | CalPERS Public Empl... | CalPERS Retire, Unfunded, 457, 1959... | X | -8,953.31 | -13,071.20 |
| Paycheck | 07/05/2019 | 5899 | JAMES G. BARNHILL | Payroll June 2019 | X | -4,295.24 | -17,366.44 |
| Paycheck | 07/05/2019 | 5898 | DALE A. McDONALD | Payroll June 2019 | X | -4,031.73 | -21,398.17 |
| Check | 07/05/2019 | 5909 | WEST COUNTY WA... | Contract services May 2019 | X | -3,264.38 | -24,662.55 |
| Check | 07/05/2019 | 5907 | PG&E | Electricity June 2019 | X | -2,450.54 | -27,113.09 |
| Liability Check | 07/05/2019 | 5900 | UNITED STATES TR... | Fed Tax Payroll Liability | X | -1,372.24 | -28,485.33 |
| Check | 07/05/2019 | 5905 | CONTRA COSTA CO... | LAFCO FY19-20 Invoice 1920-0030 | X | -1,116.16 | -29,601.49 |
| Check | 07/05/2019 | 5904 | Streamline | Web hosting 8 months July-Dec 2019 | X | -746.40 | -30,347.89 |
| Check | 07/05/2019 | 5903 | MEYERS NAVE | Attorney advice thru May 31 | X | -522.75 | -30,870.64 |
| Liability Check | 07/05/2019 | 5901 | EMPLOYMENT DEV... | State Tax Payroll Liability | X | -372.27 | -31,242.91 |
| Check | 07/05/2019 | 5908 | Specialized Electrical ... | Video alarm monitoring July-Sept 2019 | X | -285.00 | -31,527.91 |
| Check | 07/05/2019 | 5906 | AT&T (Phone) | Telephone office May 2019 | X | -130.55 | -31,658.46 |
| Transfer | 07/08/2019 | | | Payroll and other recovery CVSAN to ... | X | -415.09 | -32,073.55 |
| Check | 07/18/2019 | | | Service Charge | X | -103.00 | -32,176.55 |
| Check | 07/19/2019 | 5915 | C&H SUGAR CO. | Shared O&M and Capital Exp June 2019 | X | -68,880.55 | -101,057.10 |
| Check | 07/19/2019 | 5916 | CITY NATIONAL BANK | Loan Agreement #06-045-AF | X | -27,651.07 | -128,708.17 |
| Check | 07/19/2019 | 5917 | BILL'S UNDERGROU... | Emergency sewer repair Port & Wand... | X | -3,600.00 | -132,308.17 |
| Check | 07/19/2019 | 5918 | L.R. PAULSELL CON... | High Pressure Cleaning July 2019 | X | -3,220.00 | -135,528.17 |
| Check | 07/19/2019 | 5913 | CSRMA | Property insurance invoice 6444 | X | -1,911.14 | -137,439.31 |
| Liability Check | 07/19/2019 | 5910 | STATE COMPENSA... | Workers Comp Liab, premium, and su... | X | -742.98 | -138,182.29 |
| Check | 07/19/2019 | 5920 | U.S. BANK | Various | X | -654.10 | -138,836.39 |
| Check | 07/19/2019 | 5914 | Regional Government... | Contract services June 2019 | X | -566.45 | -139,402.84 |
| Check | 07/19/2019 | 5912 | BAY AREA NEWS G... | Publish hearing budget FY 1920 - Acc... | X | -213.84 | -139,616.68 |
| Check | 07/19/2019 | 5919 | EBMUD | Water | X | -197.92 | -139,814.60 |
| Check | 07/19/2019 | 5911 | LINCOLN FINANCIAL... | LTD Insurance - 8/1/19 to 8/31/19 | X | -120.12 | -139,934.72 |
| Transfer | 07/23/2019 | | | Payroll recovery July1-15 CVSan to R... | X | -273.12 | -140,207.84 |
| Check | 08/06/2019 | 5932 | CUNHA ENGINEERI... | Pomona Project C-1004 Engineered d... | X | -9,150.00 | -149,357.84 |
| Paycheck | 08/06/2019 | 5922 | JAMES G. BARNHILL | Payroll July 2019 | X | -4,411.70 | -153,769.54 |
| Paycheck | 08/06/2019 | 5921 | DALE A. McDONALD | Payroll July 2019 | X | -4,245.07 | -158,014.61 |
| Check | 08/06/2019 | 5930 | WEST COUNTY WA... | Contract Services June 2019 Invoice 1... | X | -4,237.06 | -162,251.67 |
| Liability Check | 08/06/2019 | 5925 | CalPERS Public Empl... | CalPERS Retirement and 457 Plan | X | -4,034.89 | -166,286.56 |
| Check | 08/06/2019 | 5929 | PG&E | Electricity | X | -2,621.32 | -168,907.88 |
| Check | 08/06/2019 | 5928 | L.R. PAULSELL CON... | CCTV inspections on sewer lines | X | -1,610.00 | -170,517.88 |
| Liability Check | 08/06/2019 | 5923 | UNITED STATES TR... | Fed Tax Payroll Liability | X | -1,452.48 | -171,970.36 |
| Check | 08/06/2019 | 5926 | MEYERS NAVE | General attorney advise thru June 30, ... | X | -1,119.54 | -173,089.90 |
| Liability Check | 08/06/2019 | 5924 | EMPLOYMENT DEV... | State Tax Payroll Liability | X | -401.16 | -173,491.06 |
| Liability Check | 08/06/2019 | 5933 | STATE COMPENSA... | Workers Comp 219383 | X | -392.55 | -173,883.61 |
| Check | 08/06/2019 | 5931 | UNDERGROUND SE... | 2019 Membership fee USAN invoice 1... | X | -194.43 | -174,078.04 |
| Check | 08/06/2019 | 5927 | AT&T (Phone) | Telephone and fax District office | X | -132.35 | -174,210.39 |
| Transfer | 08/07/2019 | | | Payroll recovery July 2019 | X | -241.14 | -174,451.53 |
| Total Checks and Payments | | | | | | -174,451.53 | -174,451.53 |
| Deposits and Credits - 10 Items | | | | | | | |
| Transfer | 07/08/2019 | | | Payroll recovery MAINT to CVSAN Ju... | X | 260.91 | 260.91 |
| Transfer | 07/08/2019 | | | Payroll recovery PCSAN to CVSAN Ju... | X | 1,376.89 | 1,637.80 |
| Transfer | 07/08/2019 | | | Payroll recovery REC to CVSAN June ... | X | 2,181.38 | 3,819.18 |
| Deposit | 07/18/2019 | | | Interest | X | 18,886.38 | 22,705.56 |
| Deposit | 07/26/2019 | | | Permit 19-16 - cc | X | 60.00 | 22,765.56 |
| Deposit | 07/26/2019 | | | Permit 19-15 | X | 60.00 | 22,825.56 |
| Transfer | 08/07/2019 | | | Payroll recovery July 2019 MAINT to C... | X | 115.63 | 22,941.19 |
| Transfer | 08/07/2019 | | | Payroll recovery July 2019 PCSAN to ... | X | 1,735.03 | 24,676.22 |
| Transfer | 08/07/2019 | | | Payroll recovery July 2019 REC to CV... | X | 2,395.24 | 27,071.46 |
| Deposit | 08/09/2019 | | | Permit 19-17 / Access Repair | X | 1,598.54 | 28,670.00 |
| Total Deposits and Credits | | | | | | 28,670.00 | 28,670.00 |
| Total Cleared Transactions | | | | | | -145,781.53 | -145,781.53 |
| Cleared Balance | | | | | | -145,781.53 | 3,048,903.89 |
| Register Balance as of 08/12/2019 | | | | | | -145,781.53 | 3,048,903.89 |
| Ending Balance | | | | | | -145,781.53 | 3,048,903.89 |

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

P.O. Box 578 - Crockett, CA 94525
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Fax (510) 787-2459
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website: www.town.crockett.ca.us

TO: Crockett Sanitary Commission
FROM: General Manager *M*
SUBJECT: Authorization of Capital Sewer Projects for FY 19/20
DATE: September 10, 2019

The Crockett Sanitary Department seeks authorization of \$807,030 to undertake nine major capital replacement sewer projects (groups into projects C-1001 thru C-1015) and seven individual line repairs for FY 19/20, list of projects attached.

The Crockett Community Services District adopted budget for FY 19/20 included funding for the projects identified. It is anticipated that funding may be short for some of the larger projects and staff is planning to seek additional funding allocation on an individual project-by-project basis as needed.

RECOMMENDATION:

Staff recommends the Commission authorize \$807,030, as previously budgeted and allocated, for use towards Crockett Sanitary Department capital projects identified.

CROCKETT SANITARY DEPARTMENT

BUDGETED SEWER DEFECTS FOR REPAIR - FY 2019/2020

Proposed authorization for FY 19/20 based on adopted budget

| SEGMENT | STREET | SIZE | LENGTH | RE-PLACE | GROUP PROJ. | Est Cost | Prior Years | | LF to replace |
|----------|-----------|------|--------|----------|-------------|----------|-----------------|--------------|---------------|
| | | | | | | | Unspent Funding | 2019 Funding | |
| S-00-04 | Pomona | 12 | 284 | | C1001 | \$8,000 | \$8,000 | | |
| S-00-08 | Pomona | 12 | 210 | | C1001 | \$9,000 | \$9,000 | | |
| E-03-02 | Atherton | 6 | 14 | YES | C1002 | \$9,350 | \$8,500 | \$850 | 14 |
| E-03-03 | Atherton | 4/6 | 274 | YES | C1002 | \$91,850 | \$83,500 | \$8,350 | 4 |
| E-03-05 | Atherton | 6 | 235 | YES | C1002 | \$81,180 | \$73,800 | \$7,380 | 235 |
| NEW | Cooke | 6 | 87 | YES | C1002 | \$51,000 | \$5,500 | \$45,500 | 4 |
| E-03-07 | Cooke | 6 | 91 | | C1002 | \$16,500 | \$15,000 | \$1,500 | 12 |
| E-09-05 | Bishop | 6 | 84 | YES | C1003 | \$39,600 | \$36,000 | \$3,600 | 274 |
| E-08-04 | Emerson | 6 | 192 | YES | C1003 | \$69,300 | \$63,000 | \$6,300 | 210 |
| E-03-10 | Baldwin | 6 | 114 | | C1003 | \$6,000 | \$5,500 | \$500 | 4 |
| E-00-03 | Pomona | 8 | 279 | | C1004 | \$6,000 | \$5,500 | \$500 | 4 |
| E-00-05 | Pomona | 6 | 23 | | C1004 | \$10,000 | \$9,000 | \$1,000 | 8 |
| E-00-06 | Pomona | 6 | 245 | | C1004 | \$17,000 | \$16,000 | \$1,000 | 16 |
| E-00-07 | Pomona | 6 | 397 | | C1004 | \$6,000 | \$5,500 | \$500 | 4 |
| E-00-08 | Pomona | 6 | 230 | | C1004 | \$6,000 | \$5,500 | \$500 | 4 |
| E-00-09 | Pomona | 6 | 192 | | C1004 | \$6,000 | \$5,500 | \$500 | 4 |
| E-04-01 | Pomona | 8 | 52 | | C1004 | \$6,000 | \$5,500 | \$500 | 4 |
| V-12-22 | Fifth | 8 | 40 | YES | C1005 | \$22,000 | \$20,000 | \$2,000 | 40 |
| N-33-08 | Alexander | 6 | 186 | YES | C1008 | \$37,400 | \$34,000 | \$3,400 | 186 |
| N-33-09 | Alexander | 6 | 160 | YES | C1008 | \$44,000 | \$40,000 | \$4,000 | 160 |
| N-33-06 | Alexander | 6 | 179 | YES | C1008 | \$49,225 | \$44,750 | \$4,475 | 179 |
| N-33-07 | Alexander | 6 | 91 | YES | C1008 | \$25,025 | \$22,750 | \$2,275 | 91 |
| E-00-13 | Baldwin | 6 | 128 | | C1013 | \$10,000 | \$9,000 | \$1,000 | 8 |
| E-03-12A | Emerson | 6 | 144 | YES | C1013 | \$39,600 | \$36,000 | \$3,600 | 192 |
| E-03-12 | Emerson | 5.7 | 114 | YES | C1013 | \$6,000 | \$5,500 | \$500 | 4 |
| E-03-13 | Emerson | 4 | 73 | | C1013 | \$6,000 | \$5,500 | \$500 | 4 |
| E-08-01 | Hartwell | 6 | 168 | | C1013 | \$12,000 | \$11,500 | \$500 | 12 |
| E-08-05 | Emerson E | 6 | 29 | | C1013 | \$6,000 | \$5,500 | \$500 | 4 |
| N-00-33 | Winslow | 8 | 187 | | C1014 | \$6,000 | | \$6,000 | |
| N-00-40 | Winslow | 6 | 116 | | C1014 | \$9,000 | | \$9,000 | |
| N-33-15 | Alexander | 8 | 226 | | C1014 | \$6,000 | | \$6,000 | |
| N-33-19 | Edwards | 6 | 83 | | C1014 | \$10,000 | | \$10,000 | |
| N-33-20 | Edwards | 6 | 210 | | C1014 | \$6,000 | | \$6,000 | |
| N-33-22 | Edwards | 6 | 62 | | C1014 | \$4,000 | | \$4,000 | |
| W-00-20 | Grandview | 8 | 141 | | C1015 | \$9,000 | | \$9,000 | |
| W-00-24 | Grandview | 6 | 126 | | C1015 | \$15,000 | | \$15,000 | |
| N-03-13 | Alhambra | 8 | 125 | | | \$6,000 | | \$6,000 | |
| N-05-12 | Edwards | 8 | 118 | | | \$6,000 | | \$6,000 | |
| N-19-12 | Edwards | 8 | 91 | | | \$7,000 | | \$7,000 | |
| V-14-06 | Wanda | 8 | 187 | | | \$6,000 | | \$6,000 | |
| V-23-01 | Lillian | 8./6 | 321 | | | \$6,000 | | \$6,000 | |
| C-14-07 | Wanda | 8 | 30 | | | \$9,000 | | \$9,000 | |
| N-19-04 | Winslow | 8 | 123 | | | \$6,000 | | \$6,000 | |

TOTAL AUTHORIZATION OF CAPITAL SEWER PROJECTS FOR FY 2019/20


\$807,030

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

TO: Crockett Sanitary Commission

FROM: General Manager 

SUBJECT: Status Report on Atherton-Cooke Sewer Project C-1002 and
Pomona Street Sewer Replacement Project C-1004

DATE: October 10, 2019

The Crockett Sanitary Department has been preparing to start two major sewer replacement projects over the next few months. Capital sewer projects undertaken by nearby public agencies have seen costs exceed initial engineer's estimates by 25%-35% due to a shortage of contractors and increased material costs.

Atherton-Cooke Sewer Project C-1002

The project was previously scaled back by dropping the sewer replacement in the alley running between the houses of Atherton and Cooke. Encroachments over our sanitary sewers made this aspect of the project more complex and it was determined to drop this aspect of the project during the design phase. The project was let for bid and bids were opened October 9, 2019. The budget allocated \$249,880 for this project which included \$51,000 for the alley sewer E-03-06. The alley funding has been reallocated to the new sewer extending Cooke sewer directly to Pomona. The primary method of construction is open-trench. Open-trench construction costs per Lineal Foot (LF) has risen from \$280-\$300 per LF to upwards of \$450-500 per LF for recent nearby work. Debris removal and hauling costs have also increased. The engineers estimate for the Atherton-Cooke Project came in at \$428,000. Staff was concerned with the potential costs and, by Addenda, split the job into a primary bid and alternate bid which could be accepted if bids amounts were favorable. The department was fortunate to have received five bids with two of them being within the acceptable range for performing repairs to both Atherton and Cooke. The lowest bid is less than 10% over the budget allocation and, as such, the Crockett Sanitary Commission is able to consider award of contract.

Pomona Street Sewer Replacement Project C-1004

This project was initially budgeted for 10-12 spot repairs between Bishop Road and Cooke Avenue at \$57,000. The 6" VCP pipe was installed in 1924 and upon further investigation it was determined that it would be best to replace the aging pipe rather than continue spot repairs on these line segments. Pipe-bursting the sewer, replacing 6" VCP with 6" HDPE, for the entire length of 872 feet has been investigated. Concern was raised during the development of construction drawings and the locating of underground utilities that pipe bursting may cause damage to the sidewalk or nearby utilities due to the shallow nature of the original sewer. Engineers also suggested upsizing the pipe from 6" to 8" to meet our current specifications. Cost

to pipe-burst, excluding sidewalk damage and replacement, is estimated at \$188,350. Open-trench construction in the street was considered but due to required sewer depth and lateral extensions, the estimated costs grew to \$436,000. Both these methods are well over budget and allocated funding. The most promising method of construction is open-trench construction in the sidewalk of Pomona, replacing the existing sewer in same easement but at a greater depth. Construction and public bid law may allow the District to negotiate with the same contractor that is awarded the Atherton-Cooke project to perform the replacement project on Pomona, based on bid prices awarded, as scope of work in the sidewalk is nearly identical to Atherton work. The District estimate to replace the Pomona sewer in the sidewalk is \$230,000. Funding still needs to be identified or reallocated from other projects. Staff is looking into the legality of this option.


ACTION:

Discuss and form opinions, give direction to staff.

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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website: www.town.crockett.ca.us

TO: Crockett Sanitary Commission
FROM: Dale McDonald 
SUBJECT: Atherton Cooke Sewer Project #C-1002
DATE: October 9, 2019

Bids were opened at 10:00 AM on Wednesday, October 9, 2019. Five of the seven possible contractors who attended the pre-bid meetings submitted bids.

| <u>BIDS SUBMITTED</u> | | <u>BID AMOUNT</u> |
|--|-------------------------------------|------------------------|
| 1. BAY PACIFIC PIPELINES, INC. NOVATO, CA | Primary Atherton Alternate Cooke | \$282,450 \$118,420 |
| 2. W.R. FORDE ASSOCIATES, INC. RICHMOND, CA | Primary Atherton Alternate Cooke | \$271,111 \$227,152 |
| 3. KEREX ENGINEERING PLEASANT HILL, CA | Primary Atherton Alternate Cooke | \$269,300 \$254,375 |
| 4. APB GENERAL ENGINEERING CONCORD, CA | Primary Atherton Alternate Cooke | \$152,750 \$166,650 |
| 5. ECAST ENGINEERING OAKLAND, CA | Primary Atherton Alternate Cooke | \$134,727 \$139,361 |

Staff recommends awarding contract to the apparent lowest bidder ECAST Engineering, Inc. for a total bid amount of \$134,727 for primary work on Atherton and \$139,361 for alternate work on Cooke Avenue using horizontal directional boring.

Atherton - Cooke Project C-1002 - BID SCHEDULES submitted

ECAST Engineering, Inc. - Atherton

| | | |
|-----|--------|---------------------------------|
| | | 3,865 |
| 269 | 167 | 44,923 |
| 1 | 605 | 605 |
| 1 | 7,589 | 7,589 |
| 1 | 7,503 | 7,503 |
| 1 | 5,916 | 5,916 |
| 9 | 1,024 | 9,216 |
| 1 | 44,816 | 44,816 |
| 1 | 1,300 | 1,300 |
| 1 | 2,194 | 2,194 |
| 40 | 170 | 6,800 |
| | | <u><u>134,727</u></u> Total Bid |

APB Engineering, Inc. - Atherton

| | | |
|-----|--------|---------------------------------|
| | | 7,500 |
| 269 | 350 | 94,150 |
| 1 | 1,800 | 1,800 |
| 1 | 5,000 | 5,000 |
| 1 | 4,500 | 4,500 |
| 1 | 2,500 | 2,500 |
| 9 | 1,500 | 13,500 |
| 1 | 14,000 | 14,000 |
| 1 | 1,300 | 1,300 |
| 1 | 2,500 | 2,500 |
| 40 | 150 | 6,000 |
| | | <u><u>152,750</u></u> Total Bid |

ECAST Engineering, Inc. - Cooke Alternate

| | | |
|-----|--------|----------------------------------|
| | | 4,137 |
| 112 | 300 | 33,600 |
| 110 | 196 | 21,560 |
| 3 | 7,850 | 23,550 |
| 1 | 10,553 | 10,553 |
| 1 | 7,079 | 7,079 |
| 2 | 1,758 | 3,516 |
| 1 | 6,276 | 6,276 |
| 1 | 20,074 | 20,074 |
| 1 | 3,066 | 3,066 |
| 35 | 170 | 5,950 |
| | | <u><u>139,361</u></u> Total Alt. |

APB Engineering, Inc. - Atherton Alternate

| | | |
|-----|--------|----------------------------------|
| | | 8,000 |
| 112 | 450 | 50,400 |
| 110 | 400 | 44,000 |
| 3 | 6,500 | 19,500 |
| 1 | 4,500 | 4,500 |
| 1 | 2,500 | 2,500 |
| 2 | 2,500 | 5,000 |
| 1 | 4,500 | 4,500 |
| 1 | 18,000 | 18,000 |
| 1 | 5,000 | 5,000 |
| 35 | 150 | 5,250 |
| | | <u><u>166,650</u></u> Total Alt. |

110 128 14,080 *HDD Alt.*

131,881 Alt HDD Total

266,608

TOTAL COMBINED ATHERTON-COOKE

110 425 46,750 *HDD Alt.*

169,400 Alt HDD Total

319,400

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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website: www.town.crockett.ca.us

TO: Crockett Sanitary Commissioners
FROM: General Manager 
SUBJECT: Crockett Sanitary Department Managers Report
DATE: September 11, 2019

The Crockett Sanitary Department Managers Report highlights items of interest that occurred between June 11, 2019 and September 11, 2019.

Operation and Maintenance

- There were no Sanitary Sewer Overflows (SSO) reported in June, July, or August. Staff responded to a few alarms at the Crockett pump station related to the water pump pressure system.
- Three separate incidents with sanitary sewers have occurred at the PG&E construction site at Port and Wanda.
 - On June 28, a previously unknown 6" clay sewer pipe was exposed during PG&E trenching. The sewer pipe was damaged and was leaking raw sewage into the construction pit. An emergency repair was undertaken. The 6" sewer connects directly to the sewer manhole at Port and Wanda. CCTV inspection confirmed multiple wye connections with sewer continuing up past 1st Avenue. It is a previously unknown public sewer that connects to the auto shop.
 - On July 18, staff was informed of an exposed lateral sewer serving a property on Wanda and 1st Avenue which was broken and was occasionally leaking wastewater into a second PG&E trench. Wastewater is also seeping from the ground at a location adjacent to the District's public sewer mid-block on Wanda between 1st and Port. Both these minor leaks drain to the lower corner of PG&E trench and slowly seep into the ground. Neither are considered SSOs as they are contained within the trench. The lateral of 1403 Wanda was repaired. A break at the bottom of the sewer just outside manhole V-00-08 is source of majority of wastewater. PG&E completed their work in this trench with backfill by mid-August.
 - On July 19, the 8" main clay sewer running down Wanda was exposed, was cracked in multiple locations, and was leaking wastewater into the trench. Emergency sewer repair was undertaken and approximately 6' of sewer was replaced spanning the open trench. Staff confirmed this pipe was defective and once exposed by PG&E could not support its own weight.

Operation and Maintenance (continued)

With multiple failures identified on these sewer line segments, the brittle nature of older clay pipe exposed to date, and unknown connections on adjacent live 6" sewer, there is no benefit to coordinate repair while PG&E trenches expose the sewers. The replacement project for V-00-08 to V-00-06 will be done after PG&E project is complete. Abandonment of previously unknown public sewer will be coordinated while reconnecting laterals affected as need.

- Weeds cut at the Crockett Equalization (EQ) tank grounds for fire prevention.
- Coordinated Loring Pump Station generator use and wet-well pump down during PG&E power outage on August 6.
- Wet-weather preparedness has begun, manholes cleared of vegetation, and West County Wastewater District provided list of action items.
- Pump 1 at the Crockett Pump Station has been taken out of service for repair. The motor was spinning but the pump was not working, most likely the coupler sheared.

Capital Improvements / Projects

- John Swett High School sewer repair near the bleachers has been completed, contractor H&R Plumbing used grout injection repair method. Buried manhole in center of football field has been exposed by artificial turf maintenance vendor hired by JSHS which allowed repair to be completed and inspection of manhole.
- Atherton/Cooke Project C-1002 published and let to bid.
- Pomona Street Project C-1004 drawings updated. Project to replace the public sewer under the sidewalk from Cooke Ave to Bishop Road put on hold. HDPE pipe burst project may damage sidewalk and nearby utilities. Staff is investigating alternatives.

Administrative/Financial:

- PG&E was issued a conditional discharge permit to discharge groundwater at Port & Wanda project location. Analytical sampling methods and limits identified in permit.
- Sewer map provided to EBMUD as part of the planed EBMUD 8" water main relocation project related to the new Carquinez Middle School project.
- Sanitary department staff attended mandatory harassment training on June 28.
- Attended the General Managers Roundtable meeting in Oakland on July 8.
- State Compensation Insurance Fund (SCIF) Workers' Compensation Insurance Payroll Report completed for FY 18/19. Rates for sanitary department management employees are down from 3.48% to 3.04%. SCIF audit begun first week of September.
- Bay Area Air Quality Management District inspection at the Crockett EQ tank and Crockett Pump Station completed July 18.
- Water Code Section 13267 and 13383 Order to amend monitoring and reporting programs consistent with the requirements of the Water Quality Control Policy for Recycled Water received July 29. Crockett CSD given one CIWRQSRM ID; 393543. WWTPs serving Crockett and Port Costa not issued their own reporting IDs as anticipated. Clarification needed from State to determine reporting requirements, staff to contact SWRCB.

Administrative/Financial (continued):

- Crockett Sanitary Department will be filing a claim in bankruptcy court against PG&E for damaging our sewer in 2015 when they installed a new gas main on Kendall Avenue in Crockett. CCTV investigation confirmed multiple investigative holes were drilled into asphalt and punctured the top, and in some cases the bottom of the sewer, running the entire length of Kendall west of Merchant Street.
- David Farnsworth, CPA, chosen as auditor to perform annual audit of FY 18/19.
- Sewer Use Charge Tax Levy Forms submitted to the County. One Access & Repair Agreement property, 701 Edwards Street, paid their balance directly to the District after Resolution to place on the tax roll was adopted. The County was informed and a revised tax levy was submitted removing the additional charge from this parcel.
- C&H Sugar invoiced for 1st quarter FY 19/20 Sewer Use Fee in the amount of \$47,471.73.
- Port Costa Sanitary Department invoiced and approved payment of \$47,787.26 for annual payment towards inter-department loan. This is the fourth of ten payments. The principal balance after October payment will be \$241,489.21.
- The District Board is investigating the acquisition of the Hosselkus Chapel, which is going to be sold, for conversion public benefits including but not limited to new District offices, board meeting room, and rental use of chapel or other areas.
- General Manager McDonald spent approximately 29% of his time towards Crockett Sanitary Department operations and 4% on Capital Projects in July. The rest of his time was spent on District business 44%, Recreation and PLC 13%, Maintenance 1%, and Port Costa 9%. He worked a total of 200 hours in July, averaging 46 hours per week.
- Assistant Sanitary Department Manager Barnhill spent approximately 85% of his time on Crockett Sanitary Department operations and 5% of his time on Capital Projects. The rest of his time, 10%, was spent on Port Costa issues.
- General Manager McDonald was on vacation August 14 to August 21.

Monthly Maintenance Summary

Crockett Sanitary Department

Summary of Activity for August - 2019

| | Aug 19 | Yearly Total 2019 |
|---|--------|-------------------|
| Daily Operations | | |
| Working Days: | 22 | 174 |
| Hydro-Flushing Days of Operation: | 8 | 39 |
| Rodding Days of Operation: | 0 | 9 |
| Condition Assessment Days of Operation: | 1 | 2 |
| SSO Summary | | |
| SSOs Sewer Mains: | 0 | 2 |
| SSOs Private Laterals: | 0 | 0 |
| SSO Reached Surface Waters: | 0 | 0 |
| Call Summary | | |
| Incidents (calls and false alarms): | 5 | 46 |
| Incoming Calls: | 5 | 46 |
| Sewer Service Call Outs: | 5 | 20 |
| Cleaning Summary | | |
| Length of Pipe Rodded: | 0 | 8,594 |
| Length of Hydro-Flush Cleaning: | 9,645 | 40,549 |
| Other Cleaning (Length): | 0 | 0 |
| Total Length of Cleaning: | 9,645 | 49,143 |
| CCTV Summary | | |
| Condition Assessment Work Orders Completed: | 2 | 3 |
| Condition Assessment Footage Televised: | 351 | 351 |
| Repair Summary | | |
| Refurbish Manhole Repairs Completed: | 0 | 1 |
| Repair Pipeline Repairs Completed: | 0 | 1 |
| Repair Pipeline Footage: | 0 | 94 |

Summary

JTP received more than normal loading to the plant from September 19th through September 22nd, receiving over 100,000 pounds of C.O.D. and over 75,000 pounds of sucrose. Solids inventory increased from 67,000 pounds to just about 102,000 pounds in matter of 4 days. We've made process change immediately in the form of wasting sludge at the rate of 1 bin per day until we reach the manageable level. Additional samples of B.O.D. and Total Suspended Solids were taken on the 2 days the effluent quality was suspected to be the worst during this event.

Power outage occurred on Saturday, September 28.

CSD Report

Hours

| | OT | DT |
|----------------|-----------|----------|
| Luc Beauchemin | 10.2 | 0 |
| Jose Mora | 0 | 0 |
| Brian Prisegem | 1.8 | 0 |
| Victor Ortiz | 0 | 0 |
| Ken Dennison | | |
| Total | 12 | 0 |

Flow and COD

| | | C&H | CSD |
|------|--------------------|---------------|--------------|
| Flow | Avg., mgd | .469 | .274 |
| | Max., mgd | .693 | .426 |
| | Total, MG | 14.062 | 8.206 |
| COD | Avg., mg/l | 2563 | 511 |
| | Max., mg/l | 6890 | 1355 |
| | Total, lbs. | 290383 | 35487 |

OT/DT due to holiday.

Compliance

- No compliance issue for the month pending extra B.O.D. & T.S.S. results.
- No missed samples for the month.

Maintenance & Repair

- Inframark replaced discharge ball valve on hypochlorite pump #1.
- Inframark replaced micro-torx switch for the long belt on belt filter press.
- Inframark replaced 2 bearings on the long sludge conveyor.
- Inframark replaced copper sample cell and agitator motor on the 4th channel chlorine analyzer.
- Telstar removed unnecessary pipes, electrical and equipment from sodium bisulfite pumping area to create room for the new pumps.
- Telstar installed digital level indicators for both the sodium bisulfite and sodium hypochlorite storage tanks on the driveway side of the tanks. This way the chemical delivery drivers can see the tank level as they are filling.



- Telstar pulled out the level probe on D.A.F. pressure tank #1 for inspection and proper operation.
- C&H personnel fabricated a "splash pan" for the belt filter press gravity zone. Inframark personnel installed the splash pan.

Financial Update

- Maintenance Caps – Balance at end of the month: (\$139.22)
- Pass-thru Billable Items
 - AT&T – Monthly internet access fee \$65.00
 - Motion Industries – Micro switch for belt press E-Stop \$666.89
 - U.S.A. Blue Book – Acid reagent for chlorine residual \$199.83
 - Rodeo True Value Hardware – 2 PVC ball valves \$9.72
 - Home Depot – WD-40 (2 each) \$12.18
 - Home Depot – 20-volt batteries for power tools and Mag-light flashlight \$193.54
 - Stead Backflow Prevention Service – 7 backflow device inspection for C&H \$483.00

Health & Safety

- No Lost Time Incidents or CALOSHA recordable.
- Safety training topic:
 - Review: Hand and power tool safety
- Safety issues:
 - Walkway on South side of surge tank is collapsing.
 - Walkway on North side of surge tank is creating a trip hazard.
 - Tank inspection by certified inspector for urea and phosphoric acid tank.
 - Walkway behind the old belt press (East side) needs replacing.
 - All gratings on top of aeration tank should be anchored down.

Operator Certification Status

- | | | |
|------------------|----------|-------------------|
| • Ken Dennison | III-7928 | Expires 6/30/2020 |
| • Luc Beauchemin | II-8540 | Expires 6/30/2021 |
| • Brian Prisegem | II-41539 | Expires 1/8/2020 |
| • Victor Ortiz | II-35980 | Expires 2/27/2021 |
| • Jose Mora | II-40954 | Expires 8/7/2020 |



Critical Issues (Capital Projects)

Projected Expense Projects of Significant Value (CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|----------|--|----------------|------------------|
| 1 | Replace sewer line to plant sump | \$80,000 | 2019-2024 |
| 2 | Replace influent process pump & piping modifications, etc. | \$50,000 | 2019 |
| 3 | Overhaul DAF #1 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2019-2024 |
| 4 | Overhaul DAF #2 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2019-2024 |
| 5 | Replace No. 1 belt filter press | \$350,000 | 2019-2024 |
| 6 | Remove former aeration draft tube mixers | \$230,000 | TBD: 2020-2023 |
| 7 | Replace existing Norton diffusers with new diffusers (basin #1) | \$200,000 | TBD: 2020-2023 |
| 8 | Replace existing Norton diffusers with new diffusers (basin #2) | \$200,000 | TBD: 2020-2023 |
| 9 | Replace existing Norton diffusers with new diffusers (basin #3) | \$200,000 | TBD: 2020-2023 |



Other Projected Expense Projects of Significant Value (Non-CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|-----------------|---|-----------------------|-------------------------|
| 1 | Replace DAF air compressor with new rotary style air compressor. (compressor + labor to install + electrical) | \$20,000 | 2020 |
| 2 | Potable water system hydropneumatic controller and system equipment | \$60,000 | 2020-2022 |
| 3 | Replace phosphoric acid tank with similar capacity, double walled tank | \$35,000 | 2020-2022 |
| 4 | Miscellaneous projects | \$15,000 | 2019 |
| 5 | Update iFix/Intellusion SCADA software and new operating system for CPU | \$35,000 | 2020-2021 |
| 6 | Install French drain on South side of reactors to redirect spring water that is coming under roadway | \$30,000 | 2020-2023 |
| 7 | Replace /repair recycle system check valves (3 each) | \$45,000 | 2020-2023 |
| 8 | Pull new wires from control room to reactor submersible pump system | \$25,000 | 2020-2020 |
| 9 | Evaluate structural requirements (CapEx Item #6 above) | \$10,000 | TBD: 2020-2023 |
| 10 | Evaluate diffuser options (SOW for CapEx Item #7-9 above) | \$15,000 | TBD: 2020-2023 |
| 11 | Replace used sludge truck (gas not diesel) | \$8,000 | 2023 |

ASR – C&H Sugar Co., Inc.

August 2019 Management, Operations & Maintenance Report

Summary

The Joint Treatment Plant received high C.O.D. loading and periods of high flow from the refinery in the month of August 2019. Temporary generator was disconnected on the morning of August 9th.

In-house process lab result for EFF-002 total suspended solids on August 1st was 102 mg/L. We suspect staff error but unfortunately, our staff threw away the sample immediately after filtering so we were not able to re-run the test for confirmation. We were still in compliance with daily maximum limit of 2,600 pounds and monthly average of 730 pounds based on effluent flow of 0.681 MG for this day.

Inframark is working closely with C&H's staff to have the forklift looked at for the annual service. C&H staff is also working on creating a splash pan for the belt filter press.

Due to multiple open operator positions at the facility, overtime hours, where appropriate, were not charged to C&H Sugar. Inframark is diligently working on recruiting competent operators for the open position. Although we are working with minimum crew at the facility, all shifts for JTP operations were covered and maintenance activities resumed normally. There was no risk to the plant performance at any time in August 2019.

CSD Report

Hours

| | OT | DT |
|----------------|-------------|----------|
| Luc Beauchemin | 0 | 0 |
| Angela Long | .3 | 0 |
| Brian Prisegem | .1 | 0 |
| Victor Ortiz | 10 | 0 |
| Ken Dennison | | |
| Total | 10.4 | 0 |

Flow and COD

| | | C&H | CSD |
|------|--------------------|---------------|--------------|
| Flow | Avg., mgd | .477 | .265 |
| | Max., mgd | .722 | .405 |
| | Total, MG | 14.796 | 8.225 |
| COD | Avg., mg/l | 2149 | 466 |
| | Max., mg/l | 4640 | 673 |
| | Total, lbs. | 231603 | 31974 |

OT/DT.

Compliance

- No compliance issue for the month.
- No missed samples for the month.

Maintenance & Repair

- Telstar replaced motor for phosphoric acid pump #1.
- Telstar replaced circuit breaker for phosphoric acid pump system.
- Telstar reconnected PLC IP from belt press to main PLC in control room.



- Inframark cleaned out air to air heat exchanger.
- Inframark installed new monitor for the surveillance cameras.
- Inframark replaced micro switch e-Stop on belt press.

Financial Update

- Maintenance Caps – Balance at end of the month: (-\$1,060.78)
- Pass-thru Billable Items
 - AT&T – Monthly internet access fee \$65.00
 - U.S.A. Blue Book – Zero oxygen standard \$240.15
 - Motion Ind. – Red Hat solenoid valve \$116.62
 - Motion Ind. – Gaskets for storm water tank manway \$108.64
 - Motion Ind. – Micro switches for belt press \$666.89

Health & Safety

- No Lost Time Incidents or CALOSHA recordable.
- Safety training topic:
 - Review: Confined Space Hazards
- Safety issues:
 - Walkway on South side of surge tank is collapsing.
 - Walkaway on North side of surge tank is creating a trip hazard.
 - Tank inspection by certified inspector for urea and phosphoric acid tank.
 - Walkway behind the old belt press (East side) needs replacing.
 - All gratings on top of aeration tank should be anchored down.

Operator Certification Status

- | | | |
|------------------|----------|-------------------|
| • Ken Dennison | III-7928 | Expires 6/30/2020 |
| • Luc Beauchemin | II-8540 | Expires 6/30/2021 |
| • Brain Prisegem | II-41539 | Expires 1/8/2020 |
| • Victor Ortiz | II-35980 | Expires 2/27/2021 |



Critical Issues (Capital Projects)

Projected Expense Projects of Significant Value (CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|----------|--|----------------|------------------|
| 1 | Replace sewer line to plant sump | \$80,000 | 2019-2024 |
| 2 | Replace influent process pump & piping modifications, etc. | \$50,000 | 2019 |
| 3 | Overhaul DAF #1 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2019-2024 |
| 4 | Overhaul DAF #2 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2019-2024 |
| 5 | Replace No. 1 belt filter press | \$350,000 | 2019-2024 |
| 6 | Remove former aeration draft tube mixers | \$230,000 | TBD: 2020-2023 |
| 7 | Replace existing Norton diffusers with new diffusers (basin #1) | \$200,000 | TBD: 2020-2023 |
| 8 | Replace existing Norton diffusers with new diffusers (basin #2) | \$200,000 | TBD: 2020-2023 |
| 9 | Replace existing Norton diffusers with new diffusers (basin #3) | \$200,000 | TBD: 2020-2023 |



Other Projected Expense Projects of Significant Value (Non-CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|-----------------|---|-----------------------|-------------------------|
| 1 | Replace DAF air compressor with new rotary style air compressor. (compressor + labor to install + electrical) | \$20,000 | 2020 |
| 2 | Potable water system hydropneumatic controller and system equipment | \$60,000 | 2020-2022 |
| 3 | Replace phosphoric acid tank with similar capacity, double walled tank | \$35,000 | 2020-2022 |
| 4 | Miscellaneous projects | \$15,000 | 2019 |
| 5 | Update iFix/Intellusion SCADA software and new operating system for CPU | \$35,000 | 2020-2021 |
| 6 | Install French drain on South side of reactors to redirect spring water that is coming under roadway | \$30,000 | 2020-2023 |
| 7 | Replace /repair recycle system check valves (3 each) | \$45,000 | 2020-2023 |
| 8 | Pull new wires from control room to reactor submersible pump system | \$25,000 | 2020-2020 |
| 9 | Evaluate structural requirements (CapEx Item #6 above) | \$10,000 | TBD: 2020-2023 |
| 10 | Evaluate diffuser options (SOW for CapEx Item #7-9 above) | \$15,000 | TBD: 2020-2023 |
| 11 | Replace used sludge truck (gas not diesel) | \$8,000 | 2023 |

ASR – C&H Sugar Co., Inc.

July 2019 Management, Operations & Maintenance Report

August 5, 2019

Summary

July 2019 started off great with crystal clear final effluent (photo attached) and process was running perfectly. Starting July 12th, JTP started to take loading hit from the refinery. On July 22nd, generator was shut off for maintenance which caused the solids to settle on the diffusers. Refinery had 2 "run thru" weekends to where we were not able to take down the contact tank for cleaning. Solids inventory increased from 60,000 lbs to over 89,000 lbs in 2 weeks which led us to increased sludge wasting.

Opened maintenance hole (aka manway) on the storm water tank and pumped out approximately 50 gallons of water left over from earlier month's storm event. Tank was inspected by Contra Costa Mosquito and Vector Control technician.

CSD Report

Hours

| | OT | DT |
|----------------|-------------|----------|
| Satpal Pahal | 10 | 0 |
| Luc Beauchemin | 12.4 | 0 |
| Angela Long | .1 | 0 |
| Brian Prisegem | 18.6 | 0 |
| Victor Ortiz | 10.6 | 0 |
| Ken Dennison | | |
| Total | 51.7 | 0 |

OT/DT due to holiday and fill-in shift.

Flow and COD

| | | C&H | CSD |
|------|--------------------|---------------|--------------|
| Flow | Avg., mgd | .539 | .267 |
| | Max., mgd | .778 | .324 |
| | Total, MG | 16.699 | 8.283 |
| COD | Avg., mg/l | 2143 | 433 |
| | Max., mg/l | 5303 | 1149 |
| | Total, lbs. | 269836 | 30311 |

Compliance

- No compliance issue for the month.
- No missed samples for the month.

Maintenance & Repair

- Inframark replaced all the scraper arm wheels on DAFs (8).
- Inframark replaced pillow block bearing on belt press.
- Inframark replace phosphoric acid pump #1.
- Inframark replaced "Red Hat, ASCO" valve & coil on DAF #1 pressure tank.
- Inframark replaced bisulfite pump peristaltic pump tubing.
- Inframark replaced hypochlorite pump peristaltic pump tubing.



Financial Update

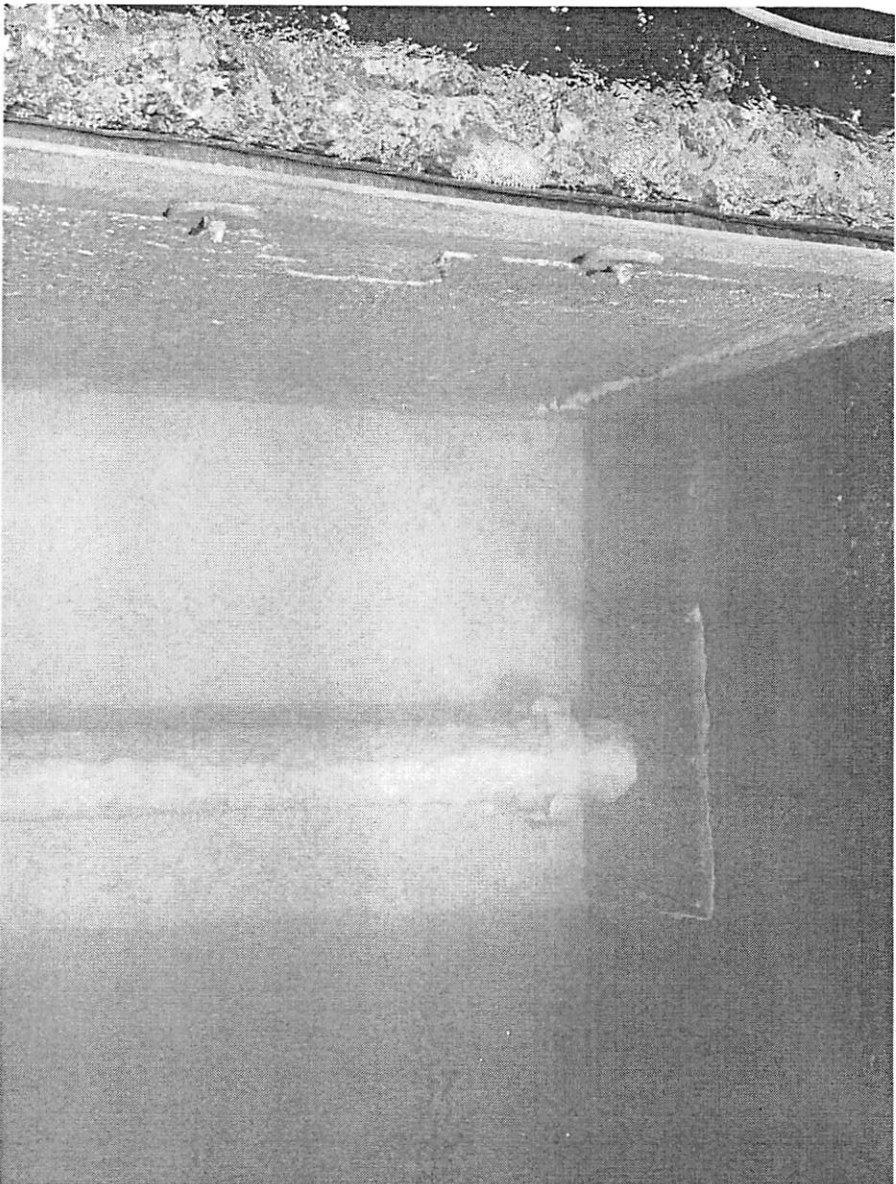
- Maintenance Caps – Balance at end of the month: (-\$1,660.78)
- Pass-thru Billable Items
 - AT&T – Monthly internet access fee \$65.00
 - Rice Lake – Annual laboratory scale calibration and maintenance \$150.00
 - USA Blue Book – Rush order acid reagent (UPS red) \$225.51
 - USA Blue Book – Acid reagent for chlorine residual \$99.91
 - Rodeo True Value Hardware – PVC parts for hypochlorite pump \$22.33
 - USA Blue Book – Zero oxygen standard (6 each) \$240.15

Health & Safety

- No Lost Time Incidents or CALOSHA recordable.
- Safety training topic:
 - Review Emergency Action Plan and Fire Extinguishers
- Safety issues:
 - Walkway on South side of surge tank is collapsing.
 - Walkway on North side of surge tank is creating a trip hazard.
 - Tank inspection by certified inspector for urea and phosphoric acid tank.
 - Walkway behind the old belt press (East side) needs replacing.
 - All gratings on top of aeration tank should be anchored down.

Operator Certification Status

- | | | |
|------------------|----------|--------------------|
| • Ken Dennison | III-7928 | Expires 6/30/2020 |
| • Luc Beauchemin | II-8540 | Expires 6/30/2021 |
| • Angela Long | II-29037 | Expire 6/30/2020 |
| • Brain Prisegem | II-41539 | Expires 1/8/2020 |
| • Victor Ortiz | II-35980 | Expires 2/27/2021 |
| • Satpal Pahal | II-43898 | Expires 12/21/2021 |





Critical Issues (Capital Projects)

Projected Expense Projects of Significant Value (CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|----------|--|----------------|------------------|
| 1 | Replace sewer line to plant sump | \$80,000 | 2019-2024 |
| 2 | Replace influent process pump & piping modifications, etc. | \$50,000 | 2019 |
| 3 | Overhaul DAF #1 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2019-2024 |
| 4 | Overhaul DAF #2 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2019-2024 |
| 5 | Replace No. 1 belt filter press | \$350,000 | 2019-2024 |
| 6 | Remove former aeration draft tube mixers | \$230,000 | TBD: 2020-2023 |
| 7 | Replace existing Norton diffusers with new diffusers (basin #1) | \$200,000 | TBD: 2020-2023 |
| 8 | Replace existing Norton diffusers with new diffusers (basin #2) | \$200,000 | TBD: 2020-2023 |
| 9 | Replace existing Norton diffusers with new diffusers (basin #3) | \$200,000 | TBD: 2020-2023 |



Other Projected Expense Projects of Significant Value (Non-CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|-----------------|---|-----------------------|-------------------------|
| 1 | Replace DAF air compressor with new rotary style air compressor. (compressor + labor to install + electrical) | \$20,000 | 2020 |
| 2 | Potable water system hydropneumatic controller and system equipment | \$60,000 | 2020-2022 |
| 3 | Replace phosphoric acid tank with similar capacity, double walled tank | \$35,000 | 2020-2022 |
| 4 | Miscellaneous projects | \$15,000 | 2019 |
| 5 | Update iFix/Intellusion SCADA software and new operating system for CPU | \$35,000 | 2020-2021 |
| 6 | Install French drain on South side of reactors to redirect spring water that is coming under roadway | \$30,000 | 2020-2023 |
| 7 | Replace /repair recycle system check valves (3 each) | \$45,000 | 2020-2023 |
| 8 | Pull new wires from control room to reactor submersible pump system | \$25,000 | 2020-2020 |
| 9 | Evaluate structural requirements (CapEx Item #6 above) | \$10,000 | TBD: 2020-2023 |
| 10 | Evaluate diffuser options (SOW for CapEx Item #7-9 above) | \$15,000 | TBD: 2020-2023 |
| 11 | Replace used sludge truck (gas not diesel) | \$8,000 | 2023 |

ASR – C&H Sugar Co., Inc.

June 2019 Management, Operations & Maintenance
Report

July 2, 2019

Summary

No operational issues for the month of June. Plant is operating very well.

We were able to clean out the "bone yard" of all the metal wastes and wood pallets. Housekeeping was our goal for the month.

We were back on generator power at the end of the month due to TG-3 issues.

DAF air compressor broke down on June 30th. We are utilizing plant air compressor to compensate for DAF's and flume gate.

Satpal Pahal became our new operator June 19th. Angela Long will start July 1st.

CSD Report

Hours

| | OT | DT |
|----------------|------|-----|
| Satpal Pahal | 0 | 0 |
| Luc Beauchemin | 0 | 0 |
| Dave Simonson | 20 | 0 |
| Brian Prisegem | .1 | 0 |
| Victor Ortiz | 2.1 | 3.7 |
| Ken Dennison | 0 | 0 |
| Total | 22.2 | 3.7 |

Flow and COD

| | | C&H | CCSD |
|------|-------------|--------|-------|
| Flow | Avg., mgd | .440 | .291 |
| | Max., mgd | .708 | .414 |
| | Total, MG | 13.209 | 8.738 |
| COD | Avg., mg/l | 1799 | 500 |
| | Max., mg/l | 4830 | 1756 |
| | Total, lbs. | 166364 | 37080 |

OT/DT due to training & fill in operations

Compliance

- No compliance issue for the month.
- No missed samples for the month.

Maintenance & Repair

- Telstar performed semi-annual instrument calibration. June 3-6
- Inframark replaced long pressure belt on belt filter press. June 12
- R.F. MacDonald installed new plant water pump #2. June 12
- Landscape tasks were performed by Pacific Site Management on Fridays.
- Inframark removed metal wastes and general wastes from the "bone yard".
- Sonnikson & Stordahl was able to remove debris and clean out reactor #1.
- Sonnikson & Stordahl replaced approximately 25 feet of bad airline going to plant water hydropneumatic pressure tank.
- Sonnikson & Stordahl with assistance from Ponder Environmental acid washed reactor #1.



Financial Update

- Maintenance Caps – Balance at end of the month: (-\$2,258.78)
- Pass-thru Billable Items
 - AT&T – Monthly internet access fee \$65.00
 - Motion Industries – Hydraulic cylinder for belt filter press \$1106.44
 - Harrington Ind. Plastics – Various PVC parts \$125.61
 - Home Depot – Extension cords and tools \$86.30
 - Staples – Copy papers, basic calculator & note pads \$157.25
 - USA BlueBook – Eyewash bottles for the laboratory \$73.46

Health & Safety

- No Lost Time Incidents or CALOSHA recordable.
- Safety training topic:
 - Review machine guarding principles
- Safety issues:
 - Walkway on South side of surge tank is collapsing. (Currently blocked off for no entry)
 - Walkway on North side of surge tank is creating a trip hazard. (Currently blocked off for no entry)
 - Tank inspection by certified inspector for urea and phosphoric acid tank.
 - All gratings on top of aeration tank should be anchored down.

Operator Certification Status

- | | | |
|---------------------|-----------|--------------------|
| • Ken Dennison | III-7928 | Expires 6/30/2020 |
| • Luc Beauchemin | II-8540 | Expires 6/30/2021 |
| • David Simonson | II-9605 | Expires 6/30/2021 |
| • Brain Prisegem | II-41539 | Expires 1/8/2020 |
| • Victor Ortiz | II-35980 | Expires 2/27/2021 |
| • Robert Spankowski | III-44068 | Expires 3/13/2022 |
| • Satpal Pahal | II-43898 | Expires 12/21/2021 |

Critical Issues (Capital Projects)

Projected Expense Projects of Significant Value (CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|----------|---|----------------|------------------|
| 1 | Replace plant water pump #1 (North) | \$20,000 | 2020-2024 |
| 2 | Replace DAF air compressor with new rotary style air compressor. (compressor + labor to install + electrical) | \$25,000 | 2020-2022 |
| 3 | Replace influent process pump & piping modifications, etc. | \$50,000 | 2020-2022 |
| 4 | SCADA system update. Convert to Wonderware. | | |
| 5 | Overhaul DAF #1 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2020-2025 |
| 6 | Overhaul DAF #2 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2020-2025 |
| 7 | Replace No. 1 belt filter press | \$350,000 | 2020-2022 |
| 8 | Remove former aeration draft tube mixers | \$230,000 | TBD: 2020-2023 |
| 9 | Replace existing Norton diffusers with new diffusers (basin #1) | \$200,000 | TBD: 2020-2023 |
| 10 | Replace existing Norton diffusers with new diffusers (basin #2) | \$200,000 | TBD: 2020-2023 |
| 11 | Replace existing Norton diffusers with new diffusers (basin #3) | \$200,000 | TBD: 2020-2023 |



Other Projected Expense Projects of Significant Value (Non-CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|-----------------|--|-----------------------|-------------------------|
| 1 | Replace sewer line to plant sump | \$80,000 | 2025-2030 |
| 2 | Potable water system hydropneumatic controller and system equipment | \$60,000 | 2020-2022 |
| 3 | Replace phosphoric acid tank with similar capacity, double walled tank | \$35,000 | 2020-2022 |
| 4 | Miscellaneous projects | \$15,000 | 2020 |
| 5 | Clean/repair/coat inside storm water tank | \$25,000 | 2025 |
| 6 | Install French drain on South side of reactors to redirect spring water that is coming under roadway | \$30,000 | 2019-2020 |
| 7 | Replace /repair recycle system check valves (3 each) | \$45,000 | 2020-2023 |
| 8 | Pull new wires from control room to reactor submersible pump system | \$25,000 | 2019-2021 |
| 9 | Evaluate structural requirements (CapEx Item #6 above) | \$10,000 | TBD: 2020-2023 |
| 10 | Evaluate diffuser options (SOW for CapEx Item #7-9 above) | \$15,000 | TBD: 2020-2023 |
| 11 | Replace used sludge truck (gas not diesel) | \$8,000 | 2023 |

Appendix

- Monthly 14 page data report
- Daily chlorine residual sheet/chart
- pH grab vs SCADA sheet
- Paint log

ASR – C&H Sugar Co., Inc.

May 2019 Management, Operations & Maintenance Report

June 4, 2019

Summary

The Wastewater Treatment Facility is continuing to recover from an excess sucrose discharge that occurred in late April. Inframark continues to maintain the facility within permitted limits.

The facility was returned to normal power supplied from the refinery and the temporary generator was shut down on May 29th.

A facility safety audit was performed by Inframark's safety advisor, Mike Parissi in May.

One operator resigned at the end of the month, Robert Spankowski. A second operator, Dave Simonson announced his retirement after a career of 21 years at the facility. Dave will be leaving us next month. Replacing these positions is critical and two candidates have been identified and are proceeding through the hiring process.

Inframark has adjusted the process set-point for solids inventory. The new target is now 50,000 to 60,000 lbs of total solids in the system.

A new vendor for sodium hypochlorite delivery began this month – Univar.

CSD Report

Hours

| | OT | DT |
|-------------------|----|----|
| Robert Spankowski | 0 | 0 |
| Luc Beauchemin | 17 | 0 |
| Dave Simonson | 10 | 0 |
| Brian Prisegem | 10 | 0 |
| Victor Ortiz | 10 | 0 |
| Ken Dennison | | |
| Total | 47 | 0 |

OT/DT due to Holiday & power outage coverage

Flow and COD

| | | C&H | CCSD |
|------|-------------|--------|-------|
| Flow | Avg., mgd | .410 | .319 |
| | Max., mgd | .614 | .478 |
| | Total, MG | 12.713 | 9.887 |
| COD | Avg., mg/l | 2033 | 468 |
| | Max., mg/l | 6950 | 955 |
| | Total, lbs. | 156371 | 38970 |

Compliance

- No compliance issue for the month.
- No missed samples for the month.

Maintenance & Repair

- Dahl-Beck completed "hot alignment" on blower #3. 5/13/19
- Inframark replaced power cable for both bisulfite pumps. 5/17/19
- Evoqua replaced DI and carbon containers for the lab. 5/14/19



- Evoqua replaced 2 carbon containers for bioassay. 5/15/19
- Telstar performed SCADA maintenance and backup. 5/31/19

Financial Update

- Maintenance Caps – Balance at end of the month: (-\$2,858.78)
- Inframark purchased Hach 3900 spectrophotometer with approval by Tanya Akkerman.
- Pass-thru Billable Items
 - AT&T – Monthly internet access fee \$65.00
 - USA Blue Book – 4 each of 2.5 gallons HDPE sample bottles \$415.98
 - Staples – Office chairs and ink for printer \$495.02
 - Crockett Auto – Sludge truck gas \$127.72

Health & Safety

- No Lost Time Incidents or CALOSHA recordable.
- Safety training topic:
 - Review lock out – tag out
- Safety issues:
 - Walkway on South side of surge tank is collapsing.
 - Walkaway on North side of surge tank is creating a trip hazard.
 - Tank inspection by certified inspector for urea and phosphoric acid tank.
 - Walkway behind the old belt press (East side) needs replacing.
 - All gratings on top of aeration tank should be anchored down.

Operator Certification Status

- | | | |
|---------------------|-----------|-------------------|
| • Ken Dennison | III-7928 | Expires 6/30/2020 |
| • Luc Beauchemin | II-8540 | Expires 6/30/2021 |
| • David Simonson | II-9605 | Expires 6/30/2021 |
| • Brain Prisegem | II-41539 | Expires 1/8/2020 |
| • Victor Ortiz | II-35980 | Expires 2/27/2021 |
| • Robert Spankowski | III-44068 | Expires 3/13/2022 |



Critical Issues (Capital Projects)

Projected Expense Projects of Significant Value (CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|----------|--|----------------|------------------|
| 1 | Replace sewer line to plant sump | \$80,000 | 2018-2023 |
| 2 | Replace influent process pump & piping modifications, etc. | \$50,000 | 2018-2020 |
| 3 | Overhaul DAF #1 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2018-2023 |
| 4 | Overhaul DAF #2 (sandblasting interior, recoating of interior, rebuild scraper arms) | \$500,000 | 2018-2023 |
| 5 | Replace No. 1 belt filter press | \$350,000 | 2018-2020 |
| 6 | Remove former aeration draft tube mixers | \$230,000 | TBD: 2020-2023 |
| 7 | Replace existing Norton diffusers with new diffusers (basin #1) | \$200,000 | TBD: 2020-2023 |
| 8 | Replace existing Norton diffusers with new diffusers (basin #2) | \$200,000 | TBD: 2020-2023 |
| 9 | Replace existing Norton diffusers with new diffusers (basin #3) | \$200,000 | TBD: 2020-2023 |



Other Projected Expense Projects of Significant Value (Non-CapEx):

| Item No. | Project Description | Estimated Cost | Payment Schedule |
|-----------------|---|-----------------------|-------------------------|
| 1 | Replace DAF air compressor with new rotary style air compressor. (compressor + labor to install + electrical) | \$20,000 | 2019 |
| 2 | Potable water system hydropneumatic controller and system equipment | \$60,000 | 2018-2020 |
| 3 | Replace phosphoric acid tank with similar capacity, double walled tank | \$35,000 | 2018-2020 |
| 4 | Miscellaneous projects | \$15,000 | 2018 |
| 5 | Update iFix/Intellusion SCADA software and new operating system for CPU | \$35,000 | 2018-2020 |
| 6 | Install French drain on South side of reactors to redirect spring water that is coming under roadway | \$30,000 | 2018-2019 |
| 7 | Replace /repair recycle system check valves (3 each) | \$45,000 | 2020-2023 |
| 8 | Pull new wires from control room to reactor submersible pump system | \$25,000 | 2018-2019 |
| 9 | Evaluate structural requirements (CapEx Item #6 above) | \$10,000 | TBD: 2020-2023 |
| 10 | Evaluate diffuser options (SOW for CapEx Item #7-9 above) | \$15,000 | TBD: 2020-2023 |
| 11 | Replace used sludge truck (gas not diesel) | \$8,000 | 2023 |



Community Partner for Our Bay, Our Environment

July 8, 2019

Board of Directors
Crockett Sanitary Department
P. O. Box 578
Crockett, CA 94525

Attention: Dale McDonald, General Manager

Subject: West County Wastewater District Monthly Report- June, 2019

Members of the Board:

The Crockett Sanitary Department (CSD) system operated with no operational interruptions. The average daily flow from the pump station was .276mgd and the 28-day flow total was 7.727 mil gals.

A total of 42.0 hours were spent on behalf of Crockett Sanitary District, including 24.0 hours for Maintenance Division's routine maintenance, 8.0 hours for Maintenance Division's non-routine maintenance, 0.0 hours for Maintenance Division's capital improvements and 10.0 hours for CSO routine maintenance. And 0.0 hours for CSO Non-Routine Maintenance.

If you need additional information, please do not hesitate to contact me.

Sincerely,

Ted Kozlik
WCWD Plant Maintenance Supervisor

BOARD MEMBERS

David Alvarado
Sherry A. Stanley
Cheryl Sudduth
Harry Wiener
Cesar Zepeda

BOARD ATTORNEY

Alfred A. Cabral

GENERAL MANAGER

Lisa Malek-Zadeh

GT:JW

Enclosures (12 pages)

cc: Gordon Times, WCWD Collection System Supervisor

Crockett Sanitary Department

Monthly Report

JUNE, 2019

| Flow Totalizer Readings | |
|-----------------------------|-------------|
| May 28, 2019 | 1790988600 |
| June 3, 2019 | 1792929400 |
| June 10, 2019 | 1794931000 |
| June 17, 2019 | 1796810000 |
| June 24, 2019 | 1798715600 |
| | |
| Total (mil gal) | 7.727 |
| 28 day Average (mgd) | .276 |

| Employee Hours | Routine Maintenance | Non-routine Maintenance | Capital Projects | Total |
|-------------------|---------------------|-------------------------|------------------|-------|
| Pump Station | 24 | 8 | 0 | 32 |
| Collection System | 10 | 0 | 0 | 10 |
| Total | 34 | | | 42 |

| PUMP STATION NON- ROUTINE MAINTENANCE ACTIVITIES |
|---|
| Repair of lighting and water pump |
| |

| PUMP STATION CAPITAL PROJECTS |
|----------------------------------|
| |
| |



Community Partner for Our Bay, Our Environment

August 5th, 2019

Board of Directors
Crockett Sanitary Department
P. O. Box 578
Crockett, CA 94525

To: Dale McDonald, General Manager

Subject: West County Wastewater District Monthly Report- July, 2019

Members of the Board:

The Crockett Sanitary Department (CSD) system operated with no operational interruptions. The average daily flow from the pump station was .270 mgd and the 35-day flow total was 9.454 mil gals.

A total of 38.0 hours were spent on behalf of Crockett Sanitary District, including 30.0 hours of Maintenance Division's routine maintenance, 0.0 hours for Maintenance Division's Non-Routine Maintenance, 0.0 hours for Maintenance Division's capital improvements. Also 8.0 hours for CSO Routine Maintenance and 0.0 hours for CSO Non-Routine Maintenance.

If you need additional information, please do not hesitate to contact me.

Sincerely,

Ted Kozlik

WCWD Maintenance Supervisor

BOARD MEMBERS

David Alvarado
Sherry A. Stanley
Cheryl Sudduth
Harry Wiener
Cesar Zepeda

BOARD ATTORNEY

Alfred A. Cabral

GENERAL MANAGER

Lisa Malek-Zadeh

GT:TK

Enclosed: (12) pages

Cc: Gordon Times, WCWD Collection System Supervisor

Crockett Sanitary Department

Monthly Report

JULY, 2019

| Flow Totalizer Readings | |
|--------------------------------|--------------|
| June 24, 2019 | 1798715600 |
| July 1, 2019 | 1792929400 |
| July 8, 2019 | 1794931000 |
| July 22, 2019 | 1796810000 |
| July 29, 2019 | 1798715600 |
| | |
| Total (mil gal) | 9.454 |
| 35 day Average (mgd) | .270 |

| Employee Hours | Routine Maintenance | Non-routine Maintenance | Capital Projects | Total |
|-----------------------|----------------------------|--------------------------------|-------------------------|--------------|
| Pump Station | 30 | 0 | 0 | 30 |
| Collection System | 8 | 0 | 0 | 8 |
| Total | 38 | 0 | 0 | 38 |

| PUMP STATION NON-ROUTINE MAINTENANCE ACTIVITIES |
|--|
| |
| |

| PUMP STATION CAPITAL PROJECTS |
|--|
| |
| |



Community Partner for Our Bay, Our Environment

September 5, 2019
Board of Directors
Crockett Sanitary Department
P. O. Box 578
Crockett, CA 94525

To: Dale McDonald, General Manager

Subject: West County Wastewater District Monthly Report- August, 2019

Members of the Board:

The Crockett Sanitary Department (CSD) system operated with no operational interruptions. The average daily flow from the pump station was .275mgd and the 28-day flow total was 7.199 mil gals.

A total of 0.0 hours were spent on behalf of Crockett Sanitary District, including 24.0 hours of Maintenance Division's routine maintenance, 3.0 hours for Maintenance Division's Non-Routine Maintenance, 0.0 hours for Maintenance Division's capital Improvements. Also 0.0 hours for CSO Routine Maintenance and 0.0 hours for CSO Non-Routine Maintenance.

If you need additional information, please do not hesitate to contact me.

Sincerely,

Ted Kozlik

WCWD Maintenance Supervisor

BOARD MEMBERS

David Alvarado
Sherry A. Stanley
Cheryl Sudduth
Harry Wiener
Cesar Zepeda

BOARD ATTORNEY

Alfred A. Cabral

GENERAL MANAGER

Lisa Malek-Zadeh

GT:TK

Enclosed: (9) pages

Cc: Gordon Times, WCWD Collection System Supervisor

Crockett Sanitary Department

Monthly Report

AUGUST, 2019

| Flow Totalizer Readings | |
|-----------------------------|-------------|
| July 29, 2019 | 1808170200 |
| August 5, 2019 | 1809933400 |
| August 12, 2019 | 1811863200 |
| August 19, 2019 | 1813595000 |
| August 26, 2019 | 1815369400 |
| | |
| Total (mil gal) | 7.199 |
| 28 day Average (mgd) | .257 |

| Employee Hours | Routine Maintenance | Non-routine Maintenance | Capital Projects | Total |
|-------------------|---------------------|-------------------------|------------------|-----------|
| Pump Station | 24 | 3 | 0 | 27 |
| Collection System | 0 | 0 | 0 | 0 |
| Total | 24 | 0 | 0 | 27 |

| PUMP STATION NON- ROUTINE MAINTENANCE ACTIVITIES |
|---|
| Lost compressor power, Replaced motor on grinder |
| |

| PUMP STATION CAPITAL PROJECTS |
|----------------------------------|
| |
| |



Community Partner for Our Bay, Our Environment

October 3, 2019
Board of Directors
Crockett Sanitary Department
P. O. Box 578
Crockett, CA 94525

To: Dale McDonald, General Manager

Subject: West County Wastewater District Monthly Report- September, 2019

Members of the Board:

The Crockett Sanitary Department (CSD) system operated with no operational interruptions. The average daily flow from the pump station was .267mgd and the 34-day flow total was 9.067 mil gals.

A total of 89.5 hours were spent on behalf of Crockett Sanitary District, including 49.5 hours of Maintenance Division's routine maintenance, 0 hours for Maintenance Division's Non-Routine Maintenance, 0.0 hours for Maintenance Division's capital Improvements. Also 40.0 hours for CSO Routine Maintenance and 0.0 hours for CSO Non-Routine Maintenance.

If you need additional information, please do not hesitate to contact me.

Sincerely,

Ted Kozlik

WCWD Maintenance Supervisor

BOARD MEMBERS

David Alvarado
Sherry A. Stanley
Cheryl Sudduth
Harry Wiener
Cesar Zepeda

BOARD ATTORNEY

Alfred A. Cabral

GENERAL MANAGER

Lisa Malek-Zadeh

GT:TK

Enclosed: (12) pages

Cc: Gordon Times, WCWD Collection System Supervisor

Crockett Sanitary Department

Monthly Report

SEPTEMBER, 2019

| Flow Totalizer Readings | |
|-------------------------|------------|
| August 26, 2019 | 1815369400 |
| September 3, 2019 | 1817369400 |
| September 10, 2019 | 1819134600 |
| September 16, 2019 | 1820801000 |
| September 23, 2019 | 1822616200 |
| September 30, 2019 | 1824436400 |
| Total (mil gal) | 9.067 |
| 34 day Average (mgd) | .267 |

| Employee Hours | Routine Maintenance | Non-routine Maintenance | Capital Projects | Total |
|-------------------|---------------------|-------------------------|------------------|-------|
| Pump Station | 49.5 | 0 | 0 | 49.5 |
| Collection System | 40 | 0 | 0 | 40 |
| Total | 89.5 | 0 | 0 | 89.5 |

| PUMP STATION NON-ROUTINE MAINTENANCE ACTIVITIES |
|--|
| |
| |

| PUMP STATION CAPITAL PROJECTS |
|----------------------------------|
| |
| |