

CROCKETT SANITARY COMMISSION

Regular Business Meeting
AGENDA FOR WEDNESDAY, APRIL 17, 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, uncovered cleanout causing inflow of surface water into the sewer system, 2 Crolona Heights (APN 354-095-004), La Pointe.
 - b. Hearing on violation of District Ordinance No. 18-1, defective sewer causing inflow of surface water into the sewer system, 468 Winslow Street (APN 354-061-013), Segura.
5. 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 March 20, 2019.
 - b. Receive letter sent to Union Pacific Railroad on private crossing in Crockett.
 - c. Receive letter of support of H.R. 1764 Extending NPDES Permit Terms.
 - d. Receive letter of opposition of SB 332 requiring reduction of wastewater discharge.
6. REPORT OF CONSULTING ENGINEER:
7. WASTEWATER:
 - a. Consider report on enforcement actions.
 - b. Receive report on actions scheduled or taken by State Lands Commission on Crockett marina property.
 - c. Receive February 2019 Self-Monitoring Report and Cyanide Permit Limit Exceedance, C&H Sugar Company, Inc. to California Regional Water Quality Control Board.
 - d. Mercury Sampling and Effluent Limitations.
 - e. Authorize the Sanitary Department to advertise Atherton-Cooke Sewer Project No. C-1002 for construction bids, formal public bid process, with construction to begin after June 10, 2019.

8. BUDGET AND FINANCE:

Consider monthly Summary Worksheet and staff report on financial matters.

9. ADMINISTRATIVE:

- a. Receive General Liability Insurance report and consider increase to Excess Liability coverage.
- b. Consider report on actions taken by the District Board.

10. 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.

11. 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:

12. FUTURE AGENDA ITEMS:

Consider recommended enforcement actions.
Lateral repair bids.
Consider comprehensive rehabilitation program.
Recommend award of contract(s)
Recommend payment for sewer project(s).

13. COMMENTS FROM COMMISSIONERS:

14. ADJOURNMENT to May 15, 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.

In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in a District meeting, or if you need a copy of the agenda, or the agenda packet, in an appropriate alternative format, please contact the General Manager at (510) 787-2992. Notification of at least 48 hours prior to the meeting or time when services are needed will assist District staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service.

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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March 27, 2019

Michel and Amanda LaPointe
2 Crolona Heights Drive
Crockett, CA 94525

NOTICE OF PUBLIC HEARING

2 Crolona Heights, Crockett, CA 94525
APN 354-095-004

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. 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 Notice of Violation dated January 31, 2019, was duly mailed to you at your address of record. On February 11, 2019 a site visit was done and a loose partially uncovered cleanout was discovered. Our staff was informed that you would install a Sewer Popper and call our department when work was complete. To date, we have not received a call to re-inspect. If this work has been done the violation would be considered corrected.

The Crockett Sanitary Commission will consider this violation and available remedies at a public hearing to be held at 7:00 PM on April 17, 2019, at the Crockett Community Center, 850 Pomona Avenue, Crockett. Your failure to correct the deficiencies by this deadline is likely to result in the following actions taken by the Board:

- a. Staff will recommend recording the Notice with the County Recorder at the property owners expense and;
- b. Recommend a second public hearing be scheduled to address the Notice of Violation of Ordinance No. 18-1 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 April 17, 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

\\sandept\properties\templates\noticeofhearing1 Ord 18-1 smoke.doc

Commissioners: Howard Adams, Scott Bartlebaugh, Mark Manzione, Mary Wals, Jon Wolthuis

4.a.

CROCKETT SANITARY DEPARTMENT

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March 29, 2019

Richard Segura
468 Winslow Street
Crockett, CA 94525

NOTICE OF PUBLIC HEARING

468 Winslow Street, Crockett, CA 94525
APN 354-061-013

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. 18-1, the District Code and Standard Specifications. The Notice of Violation dated January 30, 2019, was duly mailed to you at your address of record. On March 11, the Crockett Sanitary Commission instructed staff to record the Notice of Violation with the County Recorder and schedule a second hearing.


The Crockett Sanitary Commission will consider this violation and available remedies at a public hearing to be held at 7:00 PM on April 17, 2019, at the Crockett Community Center, 850 Pomona Avenue, Crockett. Your failure to correct the deficiencies by this deadline is likely to result in the following actions taken by the Board:

- a. If a permit for repair or replacement of the building sewer has been submitted to the Crockett Sanitary Department on or before the above hearing date, staff will recommend continuing the hearing for one month.
- a. Otherwise, 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 of Ordinance No. 18-1 and all available remedies under the law including a possible 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 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 April 17, 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, MARCH 20, 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 and Asst. Secretary Witschi. Asst. Manager Barnhill was absent.
2. AGENDA ORDER: There were no requests to change the agenda order.
3. PUBLIC COMMENTS: None
4. PUBLIC HEARING – 468 WINSLOW: Mr. McDonald reported the owner has not been in contact with staff. A motion to record the Notice of Violation with the County Recorder's Office and schedule a second hearing carried unanimously (jw/sb).
5. CONSENT CALENDAR: The consent items were approved unanimously (ha/mm):
 - a. Approve Minutes of February 20, 2019.
 - b. Receive Status Report on outstanding issues.
6. REPORT OF CONSULTING ENGINEER: No report.
- 7.a. ENFORCEMENT ACTIONS: Mr. McDonald presented the status report on recent enforcement actions. He said the property at 61 Crestview had suspended enforcement through May to coordinate common lateral repair with 51 Crestview. No action was needed or taken.
- 7.b. MCC CONTROL PANEL PROJECT: Mr. McDonald reported the MCC Control Panel Project at the Crockett Pump Station has been delayed. He said staff is trying to find alternative lower cost SCADA solutions. Commissioner Manzione asked does the emergency generator run through MCC. Mr. McDonald said no, it is separate from the control system. Commissioner Manzione also asked if the Pump Station is configured through MCC. Mr. McDonald said the pump station can be bypassed completely in an emergency by bringing in a portable generator/pump flatbed. He said there would be more risk to rush the job than to plan and prepare for installation next year.
- 7.c. ANNUAL LATERAL INSPECTION PROGRAM: Mr. McDonald reported a decrease in properties inspected from last year. He said the majority of property sales continue to be issued a Certificate of Compliance prior to the sale or soon after.
- 8.a. FINANCIAL REPORT: The monthly statement of Department finances and report on investments were examined by the Commission. Mr. McDonald reported staff received the capacity charge for the new home to be built on Kendall. He said C&H Joint Treatment Plant (JTP) operating shared costs were \$50K. C&H paid for the broken sewer repair on sewer C-00-04 as a credit on their monthly bill. Commissioner Bartlebaugh asked what was the scope-

of work to J. Flores Construction for \$10K. Mr. McDonald said it was for repair work on the damaged sewer under the bridge.

8.b. SEWER USE CHARGE (SUC) REVENUE DETAIL: Mr. McDonald reported the SUC revenue detail has been reviewed by the Budget & Finance Committee. He said water use has decreased for mixed-use and commercial properties. The loss of the Nantucket has reduced commercial revenue by \$15K. He said John Swett High School and Carquinez Middle have higher water usage this year due to broken water pipes and if it can be proven that water did not enter the sewer an adjustment to their SUC will be made. Commissioner Bartlebaugh asked Mr. McDonald what are the no charge properties. Mr. McDonald said they are District properties.

8.c. PRELIMINARY FY 2019/20 BUDGET: Mr. McDonald reported the preliminary budget has very few changes from the previously submitted draft budget. He said the Rate Stabilization Reserve (RSR) is at \$2.4M which is ahead of the District goal of reaching \$2.5M in 2025. Joint Treatment Plant O&M expenses remain the largest expense of the Sanitary Department. Payroll expenses are planned to increase as the District is looking into adding health benefits for employees. The annual increase due to health benefits to the Crockett Sanitary Department is anticipated to be \$14k for FY 19/20 and increasing to \$20K by FY 21/22. Commissioner Wolthuis asked what is the difference in cost recovery for payroll. Mr. McDonald said in prior years there were both cost recovery expenses and cost recovery revenue related to inter-department payroll recovery. They washed each other out but gave inflated budget numbers. Cost recovery occurs when payroll is processed and the back and forth transfer in the budget are no longer needed. Commissioner Bartlebaugh asked what is the 3427 interfund transfer. Mr. McDonald said funds in 3427 are held for capital improvements at the treatment plant. Interfund transfers are made to restore the O&M fund that paid for capital improvements at the treatment plant. Commissioner Bartlebaugh asked why the Port Costa loan repayment dropped. Mr. McDonald said the first loan was repaid in full last October and only the second loan payments remain.

9.a. SUSPENDING SEWER USE CHARGE STUDY REPORT: A motion to suspend completing the SUC Study Report for FY 2019/20 and recommend no increase in Crockett SUC for FY 2019/20 carried unanimously (jw/mm). Commissioner Adams said we should put an article in the Signal and let property owners know there will not be an increase in SUC. Mr. McDonald said there will be an article in the District newsletter sent to the town if the Board approves the recommendation.

9.b. CROCKETT MARINE SERVICE: Mr. McDonald reported Nantucket cleared out on February 28. He said there is a lot of debris still, locks cut and graffiti. Nick Lavoie with State Lands will be doing recycling cleanup. One person is trying to restore the waterfront and restaurant.

9.c. DISTRICT BOARD ACTIONS: Mr. McDonald reported on the actions taken by the District Board in February. He said Director Barassi is very concerned about the situation at the old Nantucket site. He said Director Barassi considers the area a Recreation facility and worries we will lose access to the waterfront and we should take a position that the railroad crossing is a public crossing and not private. Mr. McDonald reported Director Barassi said planning for climate change impact with public engagement is a waste of time and staff shouldn't spend time on it when there are more important items to address.

10.a. STAFF REPORT ON OPERATIONS: Mr. McDonald reported staff responded to seven incidents between February 13 and March 13. Multiple calls were on failed storm drains which are the responsibility of Contra Costa County. The problem with Crockett Pump Station SCADA/PLC flow meter recording flow data in early February was identified. The PLC controller was switched in the wrong position during routine pump station maintenance.

10.b. STAFF REPORT ON GOVERNMENTAL MATTERS: Mr. McDonald reported receiving a CASA alert asking agencies to oppose California Senate Bill (SB) 332 which mandates all wastewater agencies that discharge treated effluent to oceans, bays and estuaries to reduce their discharges by 50% by 2030, and by 95% by 2040.

10.c. STAFF ANNOUNCEMENTS: Mr. McDonald said he will be attending a Manager's Roundtable on April 5 and will have the opportunity to meet West County Wastewater District General Manager Malek-Zadeh.

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:

- Consider recommended enforcement actions.
- Lateral repair bids.
- Consider comprehensive rehabilitation program.
- Recommend award of contract(s)
- Recommend payment for sewer project(s).

13. COMMISSIONER COMMENTS: Commissioner Wolthuis said he will not be at the April meeting.

14. ADJOURNMENT: The meeting was adjourned at 8:05 PM until April 17, 2019.

Respectfully submitted,



Susan Witschi
April 2, 2019

CROCKETT COMMUNITY SERVICES DISTRICT

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March 21, 2019

Peter T. Kenney
Real Estate Division
Union Pacific Railroad Company
1400 Douglas Street
Omaha, NE 68179

RE: Private UPRR Crossing 751707C in Crockett, CA

Dear Mr. Kenney,

The private railroad crossing which served The Nantucket restaurant and Crockett Marine Services (CMS), identified as 751707C, is also used to access sewer assets of the Crockett Community Services District ("District"). District contractors use this crossing to bring their trucks and equipment to the north side of the railroad tracks to perform routine sewer maintenance. The crossing is also used by the public to reach the Crockett Bass Club and Carquinez Strait shoreline for recreational activities including fishing.

As UPRR works with California State Lands Commission (SLC) on the termination of CMS leases and site cleanup the District asks that the private railroad crossing is preserved and protected. The District has found reference to the private roadway crossing, possible lease E.S. 2840, on Southern Pacific Transportation Company drawing C-1671 dated October 10, 1977. The District is willing to work with UPRR, SLC, and others to protect access to our facilities and support land use along the shoreline that is in the best interest of the public.

Residents of Crockett are hopeful that a beneficial use of the waterfront property can be identified and developed including potential restoration of the restaurant and/or pier which has served the community in some fashion at this location since 1930.

Sincerely,



Dale McDonald
General Manager

email cc: Francisco J. Castillo, Jr., Sr. Director, Public Affairs, Union Pacific Railroad
Nicholas Lavoie, Public Land Manager, California State Lands Commission
Supervisor Federal D. Glover, Supervisor for Contra Costa County, District 5
Brad McCrea, Regulatory Director, SF Bay Conservation & Development Commission
California State Assemblymember Timothy S. Grayson, District 14
U.S. Congressman Mike Thompson, California's 5th District

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March 22, 2019

The Honorable Mike Thompson
United States House of Representatives
406 Cannon Office Building
Washington, D.C. 20515

RE: Support of H.R. 1764 Extending NPDES Permit Terms

Dear Representative Thompson:

On behalf of the Port Costa Sanitary Department of the Crockett Community Services District, we request that you cosponsor H.R. 1764 introduced by Representative John Garamendi. H.R. 1764 would authorize the U.S. Environmental Protection Agency or a delegated state, like California, to issue a municipal clean water agency a National Pollutant Discharge Elimination System (NPDES) permits for a fixed period not to exceed ten years. This change from the current fixed period of not more than five years would support enhanced planning and efficient permitting of local water quality programs, and give us the time needed to design, plan and construct necessary treatment facilities and to comply with existing regulatory requirements before imposition of new mandates.

The Port Costa Sanitary Department recently completed its NPDES permit renewal at a cost of \$32K. Port Costa is a small community with 190 residents and only 86 sewer connections. The financial impact of renewing a permit every five years costs each rate payer, based on Single Family Residence calculation, \$232. Extending the NPDES renewal to ten years would greatly benefit small communities such as Port Costa.

When the Clean Water Act was adopted in 1972, Congress authorized USEPA, or a delegated state, to grant waste discharge permits for a period of no more than five years. At the time, this timeframe for renewal was tailored for the demands of that period and to ensure significant progress toward basic water quality improvements. However, much has changed over the past 45 years.

The environmental needs of today require new ways of doing business and new technologies to improve water quality. Requirements in NPDES permits are becoming more stringent, and the treatment technologies necessary to meet those limits are becoming more expensive and time intensive to implement. At the same time, it is widely understood that the nation's most challenging water quality problems do not derive from traditional point source dischargers. Longer permit terms would allow stated to direct more resources to nonpoint and watershed-based solutions instead of a perpetual cycle of five-year NPDES permit renewals.

Moreover, existing mechanisms protect the ability of regulators to address significant new developments that might occur within the ten-year permit period as well as the public's ability to participate in the permitting process. Standard permit reopener provisions already provided by statute allow permits to address new conditions prior to permit expiration. Additionally, if noncompliance issues surface, the law's enforcement and compliance provisions would allow for appropriate actions to be taken regardless of the permit term.

The California Association of Sanitation Agencies, National Association of Clean Water Agencies, Association of California Water Agencies, National League of Cities, National Association of Counties, National Water Resources Association, U.S. Conference of Mayors, and others support this amendment, and we hope you will actively support its passage by cosponsoring the legislation.

If you have any questions, please feel free to contact me at manager@town.crockett.ca.us. Thank you for your continued support of the Crockett Community Services District and the constituents of Port Costa and Crockett.

Sincerely,



Dale McDonald
General Manager
Crockett Community Services District

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March 22, 2019

The Honorable Ben Allen, Chair
Senate Environmental Quality Committee
State Capitol, Room 2205
Sacramento, CA 95814

RE: SB 332 (Hertzberg & Wiener): Oppose

Dear Senator Allen:

The Crockett Community Services District is writing to respectfully state our opposition to SB 332 (Hertzberg & Wiener). As introduced, SB 332 would require wastewater treatment agencies that discharge treated effluent to saline waters, oceans, bays and estuaries to reduce their discharges by 50% by January 1, 2030, and by 95% by January 1, 2040. The bill would also declare that discharge from ocean outfalls is a "waste and unreasonable use" of water and impose penalties of \$2,000/acre-foot of water discharged above the reduction requirement.

The Crockett Sanitary Department and Port Costa Sanitary Department of the Crockett Community Services District supports the goal of maximizing recycled water for beneficial reuse in California but believes it must be cost effective. We believe that while the goal of increasing water recycling in California is laudable, a mandate on every ocean and bay discharger in the state is simply unworkable.

Our community of Port Costa, located on the Carquinez Strait and surrounded by East Bay Regional Park land, is very small with only 190 residents and a handful of businesses. It has a simple sand bed filtration treatment plant and already some of the highest sewer use rates in the greater SF Bay Area. It would pose a significant challenge to meet the proposed discharge reductions in SB 332. In our case, it most likely would mean abandoning our Port Costa treatment plant and having to invest in new infrastructure, pumping the town's wastewater to our Joint Use Crockett/C&H Industrial Wastewater Treatment Plant two miles away. Our initial estimate is that implementing the mandate in SB 332 is estimated to cost Port Costa around \$1,300, 000 to comply. That cost burden would inevitably be shifted to our ratepayers, through necessary rate increases, and those rate impacts to individual households and businesses in our community would be substantial, estimated at an additional \$470 per year for 20 years for each ratepayer.

For these reasons, Crockett Community Services District must respectfully oppose SB 332. Thank you for your consideration of our concerns.

Sincerely,



Dale McDonald, General Manager
Crockett Community Services District

CC: Gabrielle Meindl, Chief Consultant, Senate Environmental Quality Committee
Mimi Holtkamp, Committee Secretary, Senate Environmental Quality Committee (via mimi.holtkamp@sen.ca.gov)
Jessica Gauger, California Association of Sanitation Agencies (via jgauger@casaweb.org)
Senator Bill Dodd, Senate District 3 (via Senator.dodd@senate.ca.gov)
Assembly Member Timothy S. Grayson, District 14 (via Jenna.Elkins@asm.ca.gov)

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TO: Crockett Sanitary Commission
FROM: General Manager *M*
SUBJECT: Status Report on Recent Enforcement Actions
DATE: April 8, 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 properties received a Certificate of Compliance prior to the sale of the building:

1. 1625 LILLIAN STREET – Passed video inspection and certificate issued.

The following properties had recent enforcement actions:

1. 468 WINSLOW STREET – Owner contacted District, address changed and didn't receive Notice of Violation (NOV) or notices of public hearing. Recording of NOV pending.
2. 545 WINSLOW STREET– Notice of Violation mailed to property owner.
3. 601 WINSLOW STREET– Notice of Violation mailed to property owner.

The following property is no longer in violation:

1. 1529 FRANCIS – Replaced sewer under permit. Certificate of Compliance issued.

The following properties had other action:

1. 1415 POMONA - Owner granted 6 month extension on performing spot repair. Owner still concerned about performing repair without County addressing the cause of sidewalk moving downhill. As Sewer Popper on cleanout functions any backup would be on their lateral sewer and be limited in scope to their front yard. There is very little to no risk to the sanitary department for continuing the extension.
2. 674 EDWARDS – Enforcement postponed after inspection of video identified location with limited infiltration of storm water possible. Homeowner to replace full lateral in the future.



March 25, 2019

VIA submittal to CIWQS site

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

**Re: February 2019 Self-Monitoring Report and
Cyanide Permit Limit Exceedance at EFF-002
C&H Sugar Company, Inc.**

Dear Mr. Burrell:

The attached self-monitoring report covers the referenced reporting month. The monitoring and sampling activities documented in this report were conducted in accordance with C&H Sugar Company's NPDES permit CA0005240, Board Order #18-0012 (effective July 1, 2018 through June 30, 2023). Caltest Analytical Laboratory performed all chemical analyses, and Pacific EcoRisk performed the bioassay tests. Our laboratory technicians and Joint Treatment Plant operators performed physical measurements of dissolved oxygen, chlorine residual, pH, temperature and standard observations.

Net intake credit was applied to the EFF-001 BOD values (EFF-001 minus INF-001) for samples collected in February 2019. Storm water sampling was conducted in February 2019 and the results are included herein. Other than the cyanide permit limit exceedance explained below, there were no other instances when sample results were outside the permit limits in the month covered by this SMR. Electronic submittal of the facility Discharge Monitoring Reports (e-DMRs) was completed as part of the requirements of this SMR.

Operational Issues

Because of the RWQCB requirements for the CA 13267 sampling and analysis, Caltest provided C&H with the results of some analyses below the reporting limit/minimum level. This is indicated with a J. According to Caltest, J flagged results indicate an estimated concentration above the method detection limit and below the reporting limit/minimum level. The J flag is equivalent to the DNQ estimated concentration flag.

Ultra-Clean Sampling

For the same reasons listed in our letter to Ms. Lila Tang, dated April 7, 2000, it is important to note that the sample collection methods for the ultra-clean mercury sampling did not exactly follow the protocol. If you need another copy of the letter, please notify me and I will provide you with a copy.

The field blank samples collected on February 5 and 14, 2019 contained mercury ranging from non-detect to 0.0078 µg/L.

Intake Structure

A summary of the INF-001 actual intake max daily flow rates and corresponding max daily velocities are being submitted as an attachment to the e-SMR as CIWQS does not currently provide for entry of this information in a tabular format. During February 2019, maintenance was performed to manually move the screens. Major maintenance on the saltwater screen system is scheduled over the next few months due to long-term lead time for parts availability.

Cyanide Permit Exceedance at EFF-002

C&H notified your office via a telephone conversation on March 4, 2019 regarding the elevated cyanide sample result at EFF-002 on February 6, 2019. During the follow-up conversation on March 8, 2019, a 5-day notification letter was not required as the information was to be included in the monthly report.

Our monthly compliance sample for cyanide collected on February 6, 2019 at EFF-002 was reported by Caltest Laboratory on March 4, 2019 as having a result of 110 µg/L. The maximum daily and average monthly effluent limits for cyanide at EFF-002 are 43 and 19 µg/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 cyanide at EFF-002 with samples being collected on a daily basis for analysis.
- C&H conducted a review of the sole source of identified cyanide at the Refinery which is incomplete combustion in the carbon furnace. It was verified that the carbon furnace was out of service for more than a week prior to and during the sampling time period. No additional potential sources were identified. No new activities were conducted at the facility during this time period.
- Crockett Community Services District (CSD) conducted a review of potential cyanide sources and at this time none were identified. No reported road construction or excavation activities were observed in the Community during the days prior to February 6th.
- Rainfall totals were reviewed and tabulated for February 1-6th in Crockett and showed 1.24 inches of rainfall was recorded during this period.

Additional EFF-002 cyanide results -

- Original sample re-analyzed for cyanide with reported results of 97, 99, and 100 µg/L;
- 2/28/19 sample reported result was 5.5 µg/L;
- 3/4/19 sample reported result was 7.4 µg/L; and
- 3/5/19 sample reported result was 9.6 µg/L.

Due to not receiving the February 2019 cyanide results until March 2019, only one additional sample collected on February 28, 2019 at EFF-002 was able to be submitted for analysis (it was an archived cyanide sample collected at EFF-002). 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-002 complied with the max daily and average monthly effluent limit for March 2019. As presented above, the two consecutive daily March 2019 samples demonstrate

Mr. William Burrell
File #2119.1006 – C&H Sugar Company, Inc.
March 25, 2019

February 2019 e-SMR

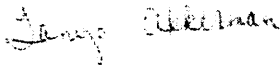
compliance with the max daily and average monthly effluent limits for cyanide at EFF-002. The additional sample results verify that the elevated cyanide result at EFF-002 appears to be an isolated event and is not on-going. C&H and CSD continued to investigate potential sources of cyanide to the waste water treatment plant (EFF-002) during March and no additional potential sources were identified.

Certification

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)].

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

Sincerely,



Tanya Akkerman
Environmental Manager

Encl.

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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

TO: Crockett Sanitary Commission
FROM: Sanitary Department Manager 
SUBJECT: Mercury Sampling and Effluent Limitations
DATE: April 3, 2019

During the review of the C&H Sugar 2018 Annual electronic Self-Monitoring Report (eSMR) presented to the Crockett Sanitary Commission on February 20, 2019 a question was raised regarding the Mercury limits in the permit.

San Francisco Regional Water Quality Control Board (RWQCB) issued San Francisco Bay Mercury and PCBs Watershed Permit Order No. R2-2017-0041 as a group permit that applies to both municipal and industrial dischargers.

Page 3 from the annual eSMR discusses Mercury Sampling and Monitoring at EFF-002 and provides a summary of the 2018 mercury analytical results.

Page 13 and 14 from the RWQCB Order provides Mercury Effluent Limitations for Industrial Discharges on Table 5A along with footnotes.

ACTION:

Information is being provided as requested. No action by the Commission is needed.

Quarterly sampling

Quarterly sampling events were conducted at INF-002 and INF-003 in January, April, July, and October 2018. The analytical results for the quarterly sampling activities were previously reported via CIWQS in the respective monthly e-SMR.

Mercury Sampling and Monitoring at EFF-002

Mercury monitoring and sampling activities at EFF-002 were completed in accordance with Board Order #R2-2017-0041 (effective January 1, 2018) and reported via CIWQS in the corresponding SMR monthly report.

For the same reasons listed in our letter to Ms. Lila Tang, dated April 7, 2000, it is important to note that the sample collection methods for the ultra-clean mercury sampling did not exactly follow the protocol. Although the collection of the sample was conducted as carefully as possible to prevent outside contamination, there are unavoidable conditions that prevent us from following the protocol exactly. As Ms. Tang suggested, C&H will continue to monitor the results of the ultra-clean mercury sampling and the available collection methods to determine and resolve any sources of sample contamination. If you have not received this letter or need another copy, please notify me and I will provide you with a copy.

As required by Order #R2-2017-0041, a summary of the 2018 mercury analytical results and the field blank sample results for EFF-002 is presented below.

Month	Sample Date	Flow (MGD)	Hg (µg/L)	Field Blank (µg/L)	Monthly Mass (kg/month)
JANUARY	1/3/2018	0.635	0.017	0.0006	0.0012
FEBRUARY	2/7/2018	0.765	0.012	0.0058	0.0011
MARCH	3/6/2018	0.652	0.0022	0.00075	0.0002
APRIL	4/3/2018	0.899	0.00064	<0.0005	0.0001
MAY	5/1/2018	0.857	0.00053	0.0013	0.0001
JUNE	6/5/2018	0.699	0.0013	<0.0005	0.0001
JULY	7/10/2018	0.9	0.0012	<0.0005	0.0001
AUGUST	8/8/2018	0.786	0.0045	0.00089	0.0004
SEPTEMBER	9/5/2018	0.647	0.00082	0.00066	0.0001
OCTOBER	10/3/2018	0.903	0.00081	0.0015	0.0001
NOVEMBER	11/7/2018	0.855	0.00065	0.0012	0.0001
DECEMBER	12/5/2018	0.848	0.0018	0.0038	0.0002
Running Average (kg/month)					0.0003
Total 12-month moving annual (kg/yr)					0.0036
Effluent Limit for 12-month moving annual (kg/yr)					0.0450

µg/L = microgram per liter
 mgd = million gallon per day

kg/mo = kilogram per month
 kg/yr = kilogram per year

B. Industrial Discharger Effluent Limitations. Industrial Dischargers shall comply with the following mass and concentration effluent limitations at discharge points and monitoring locations specified in Attachment E.

Table 5A. Mercury Effluent Limitations for Industrial Dischargers

Discharger	Average Annual Effluent Limit (kg/yr) ^[1]	Average Monthly Effluent Limit (µg/L)	Maximum Daily Effluent Limit (µg/L)
Non-Petroleum Refineries			
C&H Sugar and Crockett Community Services District, Crockett Sanitary Department	0.045	0.079	0.12
Crockett Cogeneration, LP	0.0047	0.079	0.12
Eco Services Operations LLC	0.011	0.079	0.12
GenOn Delta, LLC	0.0078	0.079	0.12
USS-Posco Industries	0.045	0.079	0.12
Petroleum Refineries			
Chevron Products Company	0.34	0.079	0.12
Phillips 66	0.13	0.079	0.12
Shell Oil Products US and Equilon Enterprises LLC	0.22	0.079	0.12
Tesoro Refining & Marketing Co.	0.11	0.079	0.12
Valero Refining Company	0.08	0.079	0.12
Aggregate Mass Emission Limit (kg/yr)^[2]	1.0	Not Applicable	Not Applicable

Unit Abbreviations:

kg/yr = kilograms per year
µg/L = micrograms per liter

Footnotes:

^[1] Compliance with the Average Annual Effluent Limitations is determined annually for each Industrial Discharger each calendar year and is attained if the sum of all individual Industrial Dischargers' mercury mass emissions, calculated as described below, is not greater than the Aggregate Mass Emission Limit of 1.0 kg/yr. If the sum of all individual Industrial Dischargers' mercury mass emissions is greater than 1.0 kg/yr, the Industrial Dischargers whose mercury mass emissions exceed their individual limitations in Table 5A shall be deemed to be in violation of their mercury mass limitations. For compliance determination, mass emissions shall be determined as defined below:

- a. The total annual aggregate mass emission shall be the sum of the individual annual mass emissions from each Industrial Discharger. The sum shall be rounded to the nearest tenth of a kilogram for comparison with the 1.0 kg/yr limit.
- b. The annual average mass emission for each Discharger shall be computed for the period January 1 through December 31, annually.
- c. The annual average mass emission for each Discharger listed in Table 5A above shall be the sum of monthly emissions on a calendar year basis and computed as follows:

$$\text{Annual Mass Emission, kg/year} = \sum (\text{Monthly Mass Emission Rates, kg/month})$$

or, for Dischargers with less frequent mercury monitoring than monthly, the Annual Mass Emission shall be computed using the arithmetic average of available monthly mass emissions as follows:

$$\text{Annual Mass Emission, kg / year} = \left(\frac{\sum \text{Monthly Mass Emission, kg / month}}{\text{Number of Monthly Mass Emissions Calculated}} \right) * 12 \text{ months / year}$$

where:

$$\text{Monthly Mass Emission, kg / month} = \left(\frac{0.003785}{N} \right) * \left(\sum_{i=1}^N Q_i C_i \right) * 30.5 = \frac{0.1154425}{N} * \left(\sum_{i=1}^N Q_i C_i \right)$$

and where:

C_i = mercury concentration of each individual sample, µg/L
 Q_i = Discharger flow rate on date of sample, millions of gallons per day (MGD)

- N = number of samples collected during the month
- 0.003785 = conversion factor to convert ($\mu\text{g/L}$)*(MGD) into kg/day
- 30.5 = number of days in a standard month
- 0.1154425 = product of (conversion factor)*(number of standard days per month)

For intermittent Dischargers (Dischargers that do not discharge every day in a calendar month, or that have no discharge for an entire month [$Q_i = 0$]), Q_i shall be computed as follows:

$$Q_i = \left(\frac{\sum_{d=1}^D Q_d}{30.5} \right)$$

where:

- Q_d = total flow for the day when discharge occurred, million gallons
- D = total number of days where discharge occurred in a month
- 30.5 = number of days in a standard month

Dischargers shall average duplicate samples when reporting a sample result for mass emission calculations (or report the median if one or more of the duplicates is DNQ or ND).

- d. For an Industrial Discharger that uses treated recycled wastewater for industrial supply from a Municipal Discharger named in this Order, the Industrial Discharger shall subtract from its Monthly Mass Emission in c, above, an adjustment for the recycled water used and discharged through its discharge point as provided in Provision VI.C.5 of this Order. The Industrial Discharger shall report this effluent discharge adjustment mass to the Municipal Discharger that provided the recycled wastewater within 15 days following the end of the calendar month for which an adjustment is applied and shall report the adjustment in each Self-Monitoring Report and in its Annual Report.

⁽²⁾ Total differs slightly from the column sum due to rounding to the nearest kilogram.

Table 5B. PCBs Effluent Limitations for Industrial Dischargers ⁽¹⁾

Discharger	Average Monthly Effluent Limit ($\mu\text{g/L}$)	Maximum Daily Effluent Limit ($\mu\text{g/L}$)
Non-Petroleum Refineries		
C&H Sugar and Crockett Community Services District, Crockett Sanitary Department	0.012	0.018
Eco Services Operations LLC	0.012	0.018
USS-Posco Industries	0.012	0.018
Petroleum Refineries		
Chevron Products Company	0.00095	0.0015
Phillips 66	0.00095	0.0015
Shell Oil Products US and Equilon Enterprises LLC	0.00095	0.0015
Tesoro Refining & Marketing Co.	0.00095	0.0015
Valero Refining Company	0.00095	0.0015

Unit Abbreviation:

$\mu\text{g/L}$ = micrograms per liter

Footnote:

- ⁽¹⁾ Dischargers shall use U.S. EPA Method 608 for Aroclor monitoring. These data will be used to assess compliance with the above limits. Non-detected and/or estimated values shall be treated as zeros in the calculation of Total PCBs.

V. RECEIVING WATER LIMITATIONS

This Order does not establish additional receiving water limitations.

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

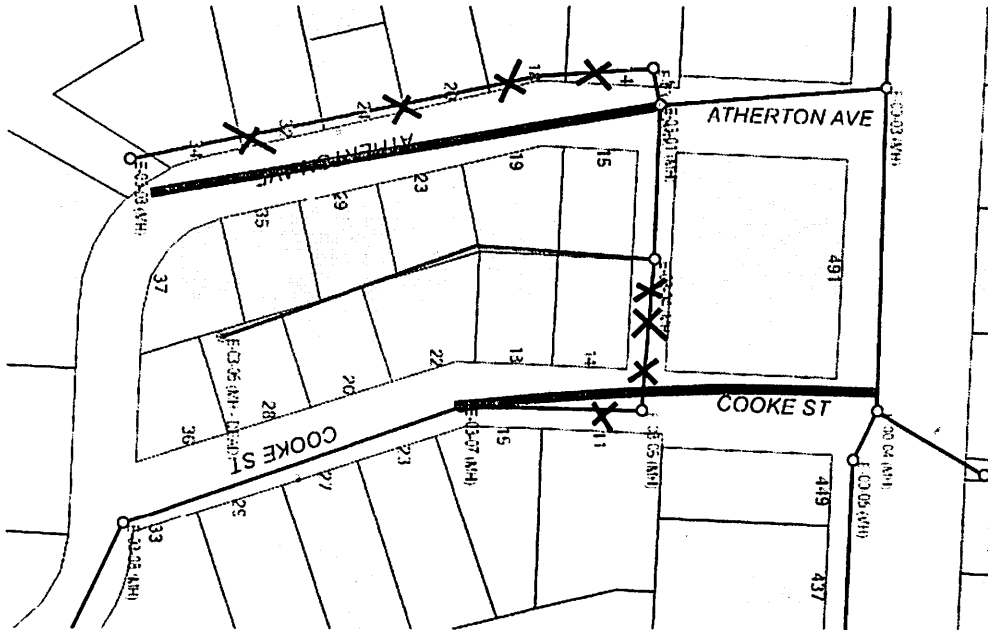
P.O. Box 578 - Crockett, CA 94525
Telephone (510) 787-2992
Fax (510) 787-2459
e-mail: manager@town.crockett.ca.us
website: www.town.crockett.ca.us

TO: Sanitary Commission
FROM: Dale McDonald, General Manager *DM*
SUBJECT: Atherton-Cooke Sewer Project #C-1002
DATE: April 10, 2019

Font end specification and construction drawings have been completed for the Atherton Avenue and Cooke Avenue project. The project includes abandonment of 381' of 6" Vitrified Clay Sewer and installation of new parallel 8" HDPE sewer. In addition 110' of new 8" HDPE will be installed via pipe boring along with four (4) new manholes.

Funding of \$249,880 for the project has been allocated in the fiscal year budget of 2018/2019.

Construction is anticipated take place towards the end of June and is expected to last less than 60 days.




RECOMMENDATION

Staff recommends the Crockett Sanitary Commission authorize the staff to advertize for the Atherton-Cooke Project No. C-10002 for construction bids.

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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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: General Liability Insurance Report
DATE: April 2, 2019

The Crockett Community Services District is insured through the California Sanitary Risk Management Authority (CSRMA) care of Alliant Insurance Services, Inc. The District has both property insurance and commercial package policies. The Recreation Budget & Finance Committee raised a few concerns including limits of Excess Liability. The Recreation Commission has asked that the District Board consider raising the District's Excess Liability coverage to \$9 Million.

COMMERCIAL MULTI-LINE PACKAGE POLICY

The District is insured by Allied World Assurance Company through CSRMA's Primary Insurance Program (PIP) prepared by Alliant Insurance Services, Inc. Coverage includes General Liability, Management Liability including Cyber Liability, Business Automobile, and Excess Liability. The current term is December 31, 2018 to December 31, 2019.

Total premium and billed charge to the District is \$47,988 and includes the additional premium to include Terrorism Risk Insurance Act Coverage. The insurance premium breakdown between departments is calculated using the Cost Allocation Rates allocation formulas adopted by the Board annually. The Crockett Sanitary Department share for 2019 was \$30,668.

There was concern by REC that the Excess Liability coverage, providing the total liability limit of \$5M, would not be enough to cover someone who gets severely injured requiring life-long care. The carrier underwriter can increase the Excess Liability coverage to \$9M giving CSD a total of \$10M in liability coverage for an additional \$2,500 annually.

DISCUSSION:

Does the Crockett Sanitary Commission see a need to increase the Excess Liability insurance coverage and would they support the recommendation by the Recreation Commission? The extra premium to the Crockett Sanitary Department, based on current Cost Allocation Rate table, is estimated to be \$1,598 annually.

Primary Insurance Policy documents are available in the office for review or can be emailed.

CROCKETT SANITARY DEPARTMENT

of the Crockett Community Services District

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

TO: Crockett Sanitary Commissioners / Board of Directors
FROM: General Manager *JM*
SUBJECT: Crockett Sanitary Department Managers Report
DATE: April 10, 2019

The Crockett Sanitary Department Managers Report highlights items of interest that occurred between March 13, 2019 and April 10, 2019.

Operation and Maintenance

- There was one Category 3 (lowest rating) Sanitary Sewer Overflows (SSO) reported in March due to failure of float at Loring Pump station resulting in 36 gallons spill on ground nearby.
- Staff responded to eight incidents during this period including three calls to the Loring Pump station; one SSO and two pump failure alarms.
- Continue to monitor locks and gates to State Lands gravel lot near old Nantucket restaurant.
- West County Wastewater District (WCWD) has new acting supervisor. Crockett Department staff bringing him up to speed on outstanding maintenance projects at the pump stations.
- Grit bins at the Crockett Pump Station emptied by Republic Services on April 10.

Capital Improvements / Projects

- Atherton and Cooke Project No. C-1003 front end bid documents completed. Construction anticipated to occur end of June.
- Loring Pump Station backup generator project restarted, options under review.
- Loring manhole N-00-16 rehabilitation completed March 27.
- Outstanding sewer repair at John Swett High School outside near the football field bleachers and clearing of manhole behind batting cages scheduled for early summer.

Administrative/Financial:

- Submitted proxy vote for USA North 811 for slate as recommended.
- Letter sent to Union Pacific Railroad advising to protect UPRR Crossing 751707C so that we can safely access our sewer assets.
- Letter of support for H.R. 11764 Extending NPDES Permit Terms mailed.
- Service agreement with ServiceMaster Restore to handle sewer spill cleanup being finalized.

Monthly Maintenance Summary

Crockett Sanitary Department

Summary of Activity for March - 2019

	Mar 19	Yearly Total 2019
Daily Operations		
Working Days:	21	89
Hydro-Flushing Days of Operation:	3	19
Rodding Days of Operation:	1	5
SSO Summary		
SSOs Sewer Mains:	1	1
SSOs Private Laterals:	0	0
SSO Reached Surface Waters:	0	0
Call Summary		
Incidents (calls and false alarms):	8	23
Incoming Calls:	8	23
Sewer Service Call Outs:	4	8
Cleaning Summary		
Length of Pipe Rodded:	657	5,643
Length of Hydro-Flush Cleaning:	3,953	18,769
Other Cleaning (Length):	0	0
Total Length of Cleaning:	4,610	24,412
CCTV Summary		
No TV Work Completed:	0	0
Repair Summary		
No Repairs Completed:	0	0



Community Partner for Our Bay, Our Environment

March 27, 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 – February, 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 N/A mgd and the 25-day flow total was N/A mil gals.

A total of 32.0 hours were spent on behalf of Crockett Sanitary District, including 24.0 hours for Maintenance Division's routine maintenance, 0.0 hours for Maintenance Division's non-routine maintenance, 0.0 hours for Maintenance Division's capital improvements and 8.0 hours for CSO routine maintenance. And 0.0 hours for CSO Non-Routine Maintenance.

There was an issue with the Flow Meter and Recorder that has been resolved, the information is in the process of being retrieved

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

Sincerely,

Lisa Malek-Zadeh
General Manager

BOARD MEMBERS

David Alvarado
Leonard R. McNeil
Sherry A. Stanley
Cheryl Sudduth
Harry Wiener

BOARD ATTORNEY

Alfred A. Cabral

GENERAL MANAGER

Lisa Malek-Zadeh

GT:JW

Enclosures (10 pages)

cc: Gordon Times, WCWD Collection System Supervisor
Jeff Winter, WCWD Acting Plant Maintenance Supervisor

Crockett Sanitary Department
Monthly Report
February, 2019

<i>Flow Totalizer Readings</i>	
February 4, 2019	N/A
February 11, 2019	N/A
February 19, 2019	N/A
February 25, 2019	N/A
	N/A
Total (mil gal)	N/A
25-day Average (mgd)	N/A

<i>Employee Hours</i>	<i>Routine Maintenance</i>	<i>Non-routine Maintenance</i>	<i>Capital Projects</i>	<i>Total</i>
<i>Pump Station</i>	24.0	0.0	0.0	24.0
<i>Collection System</i>	8.0	0.0	0.0	8.0
<i>Total</i>	32.0	0.0	0.0	32.0

<i>PUMP STATION</i>	
<i>NON-ROUTINE MAINTENANCE ACTIVITIES</i>	
No Non-Routine Maintenance	

<i>PUMP STATION</i>	
<i>CAPITAL PROJECTS</i>	
No capital projects.	

ASR – C&H Sugar Co., Inc.

March 2019 Management, Operations &
Maintenance Report

April 4, 2019



Summary

Seasonal rain events continued throughout the month of March contributing additional flows to the facility. The Inframark operations team did not use storm water tank to store excess flows this month.

Monitoring for cyanide was accelerated due to elevated results detected in February. Results for March 2019 were within normal limits. It appears the elevated result for cyanide was an isolated event.

On 3/24/19 at 4:15 PM PDT the temporary generator failed due to "low coolant pressure switch" alarm. All necessary C&H personnel were notified immediately to remedy the issue. Power was out for approximately 8 hours until PG&E power was connected (temporary). On 3/26/19 at 9:15 PM PDT, power was cutoff until the replacement generator was installed and connected. This process took approximately 1 hour. Plant remained in compliance during and after the event.

CSD Report

Hours

	OT	DT
Paul Bailey	2	6
Luc Beauchemin	11	0
Dave Simonson	10	0
Brian Prisegem	10	0
Victor Ortiz	0	0
Ken Dennison		
Total	33	6

Flow and COD

		C&H	CCSD
Flow	Avg., mgd	.333	.480
	Max., mgd	.589	1.068
	Total, MG	10.336	14.892
COD	Avg., mg/l	2026	354
	Max., mg/l	5890	648
	Total, lbs.	130947	42134

OT/DT due to rain events & fill in shifts

Compliance

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

Maintenance & Repair

- Telstar - RAS flow meter issue with GFI.
- Triton Truck – Sludge truck tune up, oil change and misc. repairs "running rough".
- Telstar – Replaced bioassay room light switch.
- Telstar – Cleaned up electrical wires & conduits from old bioassay pump. Repaired bad GFI for new bioassay pump.
- Inframark – Replaced heat exchange filters.



- Inframark – Replaced blower inlet filters.

Financial Update

- Maintenance Caps – Balance at end of the month: (\$325.00)
- No maintenance cap expenditures for March 2019
- Pass-thru Billable Items
 - AT&T – Monthly internet access fee \$72.33
 - Staples – Office supplies (binders). \$25.75
 - USA Bluebook – Acid solution for chlorine residual (emergency order) \$120.32
 - Crockett Auto – Sludge truck gas \$100.00
 - Crockett Auto – Sludge truck gas \$26.65

Health & Safety

- No Lost Time Incidents or CALOSHA recordable.
- Safety training topic:
 - GHS review
- 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 |
| • Paul Bailey | II-28322 | Expires 12/31/2020 |
| • 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	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	Remover 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

ASR – C&H Sugar Co., Inc.

February 2019 Management, Operations & Maintenance Report

March 4, 2019

Summary

A significant storm event occurred at the facility resulting in heavy rain from 2/13/19 to 2/14/19. The storm water tank was utilized during this event to buffer high influent flows. The C&H Sugar processing facility could not discharge storm water directly to the Carquinez Strait due to possible sucrose contamination. Storm water from the facility instead was directed to WWTP. The higher influent flows required 24-hour plant operation during and after the rain event until all influent water was properly treated

On 2/26/19, an expected shut-down of the generator caused the wastewater treatment plant to go into emergency shut-down. The cause of the generator shut-down is unknown. Maintenance of the generator was initially scheduled to occur on 2/25/19 but was postponed until March 4th due to another weather event. Total rainfall for February 2019 was 7.25 inches.

Effluent test sample from 2/6/19 showed an elevated cyanide result of 110 ug/L. This result triggered our accelerated monitoring for this analyte. An additional sample was taken on 2/28/19 and is currently being tested by our contract laboratory.

CSD Report

Hours

	OT	DT
Paul Bailey	18	8
Luc Beauchemin	8	2
Dave Simonson	14	2
Brian Prisegem	4	0
Victor Ortiz	0	0
Ken Dennison		
Total	44	12

Flow and COD

		C&H	CCSD
Flow	Avg., mgd	.378	.639
	Max., mgd	.703	2.313
	Total, MG	10.590	17.893
COD	Avg., mg/l	2004	294
	Max., mg/l	4125	582
	Total, lbs.	152277	36017

OT/DT due to rain events & fill in shifts

Compliance

- Cyanide analysis result exceeded daily max of 43 ug/L and monthly average of 19 ug/L. Final result from the lab was 110 ug/L.
- No missed samples for the month.

Maintenance & Repair

- EBMUD repaired totalizer 2/6/19
- AT&T out at plant to correct bad internet connection.
- Inframark replaced 6" roller and bearings on belt filter press.



- Inframark reset "skycam" camera for surveillance system.
- Inframark replaced bad bioassay "jacuzzi pump" with Blue-White peristaltic pump.
- Greased bearings of RAS pumps.

Financial Update

- Maintenance Caps – Balance at end of the month: (-\$275.00)
- Balance from previous contract year 2/18 – 1/19 (\$818.23) will be credited on February 2019 invoice.
 - Maintenance cap expenditures for February 2019.
 - CCTV camera \$875.00
- Pass-thru Billable Items
 - AT&T – Monthly internet access fee \$55.00
 - Home Depot – Bladders for drain cleaning \$57.52
 - Home Depot – Tools and misc. maintenance materials \$255.15
 - Ken Grady Co. – Peristaltic pump tubing for sulfite analyzers \$232.18
 - Amazon – Power cord for mgr. laptop \$19.90
 - McMaster Carr – Drain cleaning kit \$85.85

Health & Safety

- No Lost Time Incidents or CALOSHA recordable.
- Safety training topic:
 - Biological Hazards
- 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.

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| • Paul Bailey | II-28322 | Expires 12/31/2020 |
| • 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	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	Remover 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