

1. Electrical pre-energization tests.
2. Electrical pre-operational tests
3. Electrical Operational tests
4. Commissioning
- I. Final Electrical and Instrumentation inspections and punch-list.
- J. As Built drawing revisions and production.

### **Programming Services**

We will program the new PLC and Operator Interface system for the Lift Station controls. We have used the drawings and specifications and control requirements based on experience to approximate the effort needed to do PLC and OI programming and startup. The following tasks are included in the proposal:

2. Operator Interface Programming
  - A. Program and configure new OI Screens
  - B. Configure remote notification
  - C. Configure database for reports and trends.
  - D. Configure remote access (VPN)
  - E. Factory Testing
  - F. On-site start-up and testing services (Assuming VPN)
3. PLC Programming
  - A. We will coordinate with the Owner to develop the station control strategy for the pump station and flow monitoring. We will document and program to that strategy.
  - B. Develop the database that is shared among the PLCs and Operator Interface.
  - C. Perform PLC programming for the site PLC to operate the station and overflow tank. The program will be modeled after the control strategy. The program will address pump operation of the facility including the following:
    1. Influent Gate System.
    2. Grinders System
    3. Detritor System
    4. Grit Pump Station
    5. Grit Washer System
    6. Level transmitter selection
    7. Four Pump Dry Pit Pump System with VFD speed controls.
    8. Sump Pump System
    9. Transfer Pump System
    10. Exhaust Fan System
    11. Water System with air compressors, water tank, booster pump hydropneumatics tank controls.

- 12. Intrusion system, alarm generation, alarm notification.
- 13. Flow monitoring and recording.
- D. Backup PLC
  - 1. Five Pump Dry Pit Pump System.
- E. EQ Tank PLC
  - 1. EQ tank level monitoring and alarms.
- F. Factory Testing
- G. Start-up and testing services
- 4. Operator Training
  - A. Electronic O&M manual
  - B. Training for staff – one session

### **Assumptions**

- We have assumed one design bid package, one project for construction, and a design period not to exceed 6 months. If the project is broken up into additional bid packages or design duration is exceeded for any reason, additional charges may apply.
- Our existing insurance coverage limits for general liability (\$5M) and E&O liability (\$3M/5M) are sufficient. Please request insurance certificate for details.
- Drawings and specifications can be completed by using our standards and templates created in AutoCad and MS Word using CSI format.
- We are assuming that the Radio will communicate by re-using radio and antenna on project site.
- We have not included separate security systems (other than RTU intrusion monitoring) or video surveillance or automated access control systems.
- The project construction budget includes an industry standard 10% minimum contingency such that changes can be designed and implemented as deemed necessary by the Engineer or Owner during construction. This quotation does not include cost for construction changes regardless of initiating source.
- Rate escalation of 5% per hour is scheduled for January 1, 2024 and each anniversary thereafter. Escalated rates will only apply to extra work performed after January 1, 2024.
- Hourly rates include overhead costs such as telephone, photocopies, computer costs, and insurance.
- Hourly rates do not include expenses such as mileage, rental equipment, airline tickets, rental vehicles, lodging, non-incidental photocopying and materials.
  - Travel time will be billed at hourly rate, plus current Federal mileage rate.
  - Per diem charge will be added based on half or full day of field work.
  - Actual travel expenses (airfare, ground transportation lodging, etc.) are billed at cost plus 10% for overhead and handling.

**Deliverables**

- Submittal reviews, RFI and change order responses, Field reports.
- Programming Files

**Terms**

- As defined per contract, contract by Client.
- Attached quote is based on project scope as described. We anticipate that we can perform the scope as described within our budget. If the project changes, or work scope increases or decreases, we will make every effort to inform the Client in advance of work for authorization.
- Client will be invoiced monthly based on project progress.
- Changes to project scope may result in increased or reduced costs.

**Electrical Engineering Costs**

**See attached Quotation**

Frisch Engineering is pleased to offer this quotation for your consideration. Please give me a call or email if you have any questions or require further information.

Sincerely,



Thomas P. Frisch, P.E.  
Electrical Engineer  
[tfisch@frischengineering.com](mailto:tfisch@frischengineering.com)

I agree to project scope, assumptions, deliverables and terms and authorize Frisch Engineering to proceed:

X \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

# CROCKETT SANITARY COMMISSION

## Special Meeting

AGENDA FOR WEDNESDAY, JULY 19, 2023

TIME: 4:00 PM  
PLACE: Crockett Community Center, 850 Pomona Avenue, Crockett

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*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 HEARING:
5. CONSENT CALENDAR: Consideration of a motion to approve the following item:
  - a) Approve Minutes of June 21, 2023  
  

*(Items are subject to removal from Consent Calendar by request of any commissioner on request for discussion by a member of the public. Items removed from the Consent Calendar will be considered with the Administrative Items.)*
6. WASTEWATER:
  - a) Consider report on enforcement actions.
  - b) Receive 2023 Crockett Contingency and Spill Prevention Plan (CCSP).
  - c) Discuss options for wastewater treatment and upcoming negotiations
7. CLOSED SESSION
  - a) Consider engineering proposal for MCC project
8. RETURN TO OPEN SESSION
  - a) Report on actions taken in closed session
9. ADMINISTRATIVE:
  - a. Consider report on actions taken by the District Board.
10. BUDGET AND FINANCE:
  - a. Consider staff report on financial matters

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 Manzione and Bartlebaugh
  - b. Budget & Finance Committee – Members Bartlebaugh and Trask
  - c. Recycled Water Ad Hoc Committee: Members Manzione and Trask
  - d. Inter-agency meetings:
  
13. FUTURE AGENDA ITEMS:
  
14. COMMENTS FROM COMMISSIONERS:
  
15. ADJOURNMENT until August 16, 2023

You will find the Minutes of this meeting posted on our website at [www.town.crockett.ca.us](http://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.

*In accordance with California Government Code Section 54957.5, any writing or document that is a public record, relates to an open session agenda item, and is distributed less than 72 hours prior to a regular meeting will be made available for public inspection at the Crockett Community Services District Office in Crockett. If, however, the document or writing is not distributed until the regular meeting to which it relates, then the document or writing will be made available to the public at the location of the meeting, as listed on this agenda. The office address is 850 Pomona Street, Crockett, California 94525.*

# CROCKETT SANITARY COMMISSION

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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](mailto:manager@town.crockett.ca.us)  
website: [www.town.crockett.ca.us](http://www.town.crockett.ca.us)

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## MINUTES OF REGULAR MEETING, JUNE 21, 2023

### CALL TO ORDER 4:08

Commissioners present:

Darcy Trask(chair), Mark Manzione, Howard Adams, Scott Bartlebaugh, Mary Wais,

Staff present:

Gaunt Murdock (General Manager), James Barnhill, Vaughn Gunkelman

### REQUESTS TO TAKE AGENDA ITEMS OUT OF ORDER none

### PUBLIC COMMENTS None

### PUBLIC HEARING

ADMINIISTRATIVE Committee Appointments confirmed:

Wastewater: Manzione, Bartlebaugh

Budget and Finance: Trask, Bartlebaugh

Recycled Water: Manzione, Trask

CONSENT CALENDAR Motion to approve minutes of May 17, 2023 (Manzione 1<sup>st</sup>, Bartlebaugh 2<sup>nd</sup>) Carried Unanimously

### WASTEWATER

a. Enforcement: Mr Murdock reported that a letter was sent outa property owner regarding sewer lateral integrity. Future letters to owners of other property regarding area drainage to sewer was also discussed.

b. Review of a recently completed project, Motion to certify completion of the following capital repair passed unanimously (Manzione 1<sup>st</sup>, Adams 2<sup>nd</sup>):

- CVSan 2314, Full line replacement 132 lf. using 8: dia HDPE pipe at 1 Rolph Park Court, from manhole S-01-06 to S-01-05

c. Mr Murdock reported that engineering/design company BDP had submitted proposals/estimates for design and construction and retrofit of wastewater plants, including both upgrade of existing plant and construction of a new plant.

CLOSED SESSION 4:43 PM

RETURN TO OPEN SESSION 5:05, PM

Discussion of cost estimates of designs proposed by BDP.

#### DISTRICT BOARD ACTIONS

- Staff reported that Director Peterson was moving off of the budget and finance committee, to be replaced by Director Spinner.
- PCSAN commissioner tom cusac reported they are interviewing for District Secretary, and that they had 2 applicants for the Landscape and lighting commission, and that one more had announced their intention to seek a commission.

•

Commissioner Adams left the meeting at 5:32

#### BUDGET & FINANCE

V Gunkelman presented the salient points of the Budget and finance committee meeting. Motion was made to:

“receive and accept the recommendation of the budget and finance committee, that the larger items were reviewed and it is substantially complete and that the recommend staff bring it to the B&F committee and the Board with some minor corrections.” Manzione 1<sup>st</sup>, Barlebaugh 2<sup>nd</sup>

Carried with unanimous votes of all present.

#### REPORT OF DEPARTMENT MANAGER

G Murdock reported that they had the site walk for the MCC Project, and that they had 5 participating concerns

J Barnhill reported that at 530 Alhambra the new resident discovered that the lateral had failed in spite of recent Certificate of Compliance. Duty responsibility of district was discussed.

#### REPORTS FROM COMMISSIONERS

Commissioner Manzione speaking for the wastewater committee announced that the negotiating committee should consist of: Commissioner Manzione, Commissioner Barlebaugh, General Manager Murdock together with District Counsel Pio Roda with participation of Board per General Managers invitation. Also stressed was the need to end backchannel communication with C&H. And that the Ad Hoc committee was to be kept informed thru the District Board.

ADJOURNMENT at 6:43 PM until July 19, 2023 *Submitted by G Murdock*

CROCKETT SANITARY DEPARTMENT  
CONTINGENCY AND SPILL PREVENTION PLAN

July 2023

I. STATEMENT OF PURPOSE

A variety of emergency conditions can interfere with normal operations of wastewater collection and treatment facilities. It is essential to anticipate and prepare for all types of emergencies. The California Regional Water Quality Control Board (RWQCB) has adopted policies and requirements for development and implementation of contingency plans to ensure that facilities remain in, or are rapidly returned to, operation in the event of emergencies, and that measures are taken to clean up the effects of untreated wastes.

On April 11, 2018, the RWQCB – San Francisco Bay Region (SFBR) re-issued National Pollutant Discharge Elimination System (NPDES) permit No. CA0005240 to C&H Sugar Company, Inc. (C&H) and Crockett Community Services District (CSD) under Order No. R2-2018-0012 effective July 1, 2018. At a minimum, the Discharger shall review, revise, and update the Contingency and Spill Prevention Plan so that it remains useful and relevant to current practices. At minimum, reviews shall be conducted annually. The Order included the following requirement.

1. **Contingency Plan** - *The Discharger shall maintain a Contingency Plan as originally required by Regional Water Board Resolution 74-10 and as prudent in accordance with current municipal facility emergency planning. The Contingency Plan shall describe procedures to ensure that existing facilities remain in, or are rapidly returned to, operation in the event of a process failure or emergency incident, such as employee strike, strike by suppliers of chemicals or maintenance services, power outage, vandalism, earthquake, or fire. The Discharger may combine the Contingency Plan and Spill Prevention Plan (CSPP) into one document. Discharge in violation of the permit where the Discharger has failed to develop and implement a Contingency Plan as described below will be the basis for considering the discharge a willful and negligent violation of the permit pursuant to California Water Code section 13387. The Contingency Plan shall, at a minimum, contain the provisions of a. through g. below.*
  - a. *Provision of personnel for continued operation and maintenance of sewerage facilities during employee strikes or strikes against contractors providing services.*
  - b. *Maintenance of adequate chemicals or other supplies and spare parts necessary for continued operations of sewerage facilities.*
  - c. *Provisions of emergency standby power.*



- d. *Protection against vandalism.*
  - e. *Expeditious action to repair failures of, or damage to, equipment and sewer lines.*
  - f. *Report of spills and discharges of untreated or inadequately treated wastes, including measures taken to clean up the effects of such discharges.*
  - g. *Programs for maintenance, replacement, and surveillance of physical condition of equipment, facilities, and sewer lines.*
2. **Spill Prevention Plan** – *The Discharger shall maintain a Spill Prevention Plan to prevent accidental discharges and minimize the effects of such events. The Spill Prevention Plan shall:*
- a. *Identify the possible sources of accidental discharge, untreated or partially treated waste bypass, and polluted drainage;*
  - b. *Evaluate the effectiveness of present facilities and procedures, and state when they became operational; and*
  - c. *Predict the effectiveness of the proposed facilities, procedures, and provide an implementation schedule containing interim and final dates when they will be constructed, implemented, or operational.*

*This Regional Water Board, after review of the CSPP or their updated revisions, may establish conditions it deems necessary to control accidental discharges and to minimize the effects of such events. Such conditions may be incorporated as part of the permit upon notice to the Discharger.*

This CSPP is regularly reviewed and updated in May of each year and is included as reference as part of our internal audit of our Sewer System Management Plan (SSMP) as required by the State Water Resources Control Board. The review is done so that the information will remain useful and relevant to current equipment and operation practices at the Crockett Sanitary Department. This plan is developed in coordination with the C&H Contingency and Spill Prevention Plan (provided under separate cover as requested). C&H is responsible for operation of the Joint Treatment Plant (JTP) and the annual self-monitoring report (eSMR). The District is not required to submit a separate eSMR and only needs to provide a copy of the CSPP, upon request, to the Regional Water Quality Control Board.

The combined plan includes an added section describing the holding capacity of the treatment plant and the Crockett Community Services District (CSD) municipal wastewater storage facility. The combined document was revised in January 2019 and includes updates to the following sections; facility contact information and pumps and equipment. No other substantial changes to

the document have been made since 2018. Updates to the Contingency and Spill Prevention Plan shall be completed as necessary so that the plan will remain useful and relevant to current equipment and operation practices.” A copy of the Contingency and Spill Prevention Plan for the Philip F. Meads Water Treatment Plant dated January 26, 2015 is on file in the Crockett Community Services District office.

This CSPP demonstrates the current level of preparedness by the CSD for the Operations and Maintenance of the Crockett Sanitary Department Collection System. It also delineates a sequence of actions to be taken in event of specific emergencies.

## II. THE CROCKETT SANITARY DEPARTMENT

The CSD provides sewer service to the unincorporated town of Crockett, formerly the towns of Crockett and Valona. The population was 3,242 at the 2020 census. The wastewater collection system consists of 16 miles of gravity sewers conveying sewage to a single pump station where grit is removed. Wastewater is then pumped to Crockett’s wastewater treatment plant for processing. The Department’s average daily flow during dry weather is less than 300,000 gallons per day.

The wastewater treatment plant in Crockett is jointly owned and used by C&H Sugar Co. and the CSD pursuant to a Joint Use Agreement. The responsibility for plant operations falls solely to C&H Sugar Co. For that reason, this Plan is not concerned with potential emergencies at the treatment plant but is focused on collection system operations only.

The Department has two employees. All work on the collection system is contracted out to others. This is considered the most cost-effective way to operate the system with reliability. It also provides a large resource base from which to handle emergencies.

## III. THE WASTEWATER PUMP STATION

The reliability of the pump station is the key to overall collection system reliability. This automated facility is located under the Carquinez Bridge in Crockett and receives wastewater from the community 24 hours a day. A variety of electrical equipment is used to grind solids, degrit the wastewater and pump the wastewater to either the treatment plant or to a 2-million-gallon equalization tank for temporary storage. There is a separate force main to each destination, and each is valved to provide necessary isolation capabilities.

The District has identified and prepared for the following types of emergencies:

### A. EQUIPMENT FAILURE

All essential equipment is connected to an alarm system and automatic dialer that sends alarms out to three different phone numbers for emergency response. High and low water levels will also trigger alarms. An upgrade of the system controls has been completed to allow remote access to alarm system diagnostics in an effort to insure timely response. In November 2019 condition sensors were installed on the primary pumps and motors to monitor, collect, and report performance data.

There are redundancies in the most essential equipment, including wastewater pumps, grit pumps, air compressors and grinders. A redundant grit removal system was installed in 2004. Pumping capacity is achieved through two 440 gpm pumps, two 1,740 gpm pumps and a 1,400 gpm "transfer pump #5." The pump station normally operates with just one small pump running. As influent flows increase, the progression is from it to one large pump, to two large pumps, and finally to three large pumps.

The primary responder to emergencies is James Barnhill and the General Manager, Gaunt Murdock. The alarm system first calls on the emergency cell phone number (510) 303-2313, which forwards to CSD personal cell phones, depending who is providing emergency coverage. The system next calls the General Manager personal cell (510) 520-4937. If the General Manager picks up but CSD staff is unavailable the General Manager will contact West County Wastewater District (WCWD) at (510) 237-6603 for immediate support.

If the staff on call or General Manager does not pick up alarm calls the system automatically calls WCWD whose personnel are on duty 24 hours a day. CSD has a long-standing contract with WCWD for weekly maintenance of the pump station and for emergency response. WCWD personnel are highly knowledgeable about the equipment and can solve problems. WCWD can also provide or procure backup equipment, operators and supplies when necessary, as well as handling cleanup duties.

The alarm system is no longer dependent on telephone lines, these have been known to fail at times. A cellular unit was installed in 2022, the alarms are called out over the cellular network. There is no redundancy in methods of alarm transmittal. Alarms testing allows the General Manager to confirm whether communications are intact.

## B. ELECTRICAL POWER FAILURE

The pump station is occasionally subject to electrical power failure, and it has a 155 kw, 480 v. diesel generator to ensure that the facility functions without interruption. The generator is routinely tested every week and is maintained by CD & Power and WCWD personnel. It was last overhauled in September 2012. The generator is load bank tested on an annual basis prior to wet weather season. Maintenance is performed annually or as needed. The 105 gallon diesel tank provides a capability of up to 15 hours run time without refueling. Experience shows that power failures

usually last only an hour or two. The fuel level is measured every week. Fuel resupply is not a problem even in most emergencies, but in the worst case scenarios fuel might be obtained from C&H Sugar Co., refilled by four portable 5-gallon containers located onsite, or could be brought in by boat. CD & Power can deliver a mobile backup generator if the permanent generator fails. No contingency plan is needed.

#### C. EXCESS STORMWATER

The pump station has the capability to send wastewater to the treatment plant at a peak rate of 4 MGD. The limiting factor is the pipe diameter, and no expansion of pumping capacity is needed. It also has the capability to shunt excess flows to an equalization tank automatically with transfer pump #5. This has enabled the facility to safely handle peak flows of 7 mgd, which is 23 times the average dry weather flow of the system. The equalization tank is drained back to the pump station as quickly as possible following storms. This is a manual operation done by the General Manager or WCWD staff. WCWD is available to assist if needed.

An emergency could result from a series of rainstorms so intense that the equalization tank reaches its 2 mg capacity and must be taken off-line. This could cause surcharging of the collection system and the possibility of untreated wastewater spills. It could also result in air quality problems from water held too long in the equalization tank. However, the equalization tank is believed to be properly sized for environmental protection, and the system survived the El Nino 1998 disaster without exceeding its capacity. No contingency plan is needed.

While the equalization tank is monitored by the alarm system at the pump station, it does not have a backup source of power to operate its equipment. While a prolonged power failure might result in air quality problems when the tank contains wastewater, this would cause no water quality emergencies. The tank is drained by gravity. No contingency plan is needed.

#### D. FORCE MAIN RUPTURE

The District has a 12-in. C-900 PVC primary force main to the treatment plant, which is located on the west side of the Carquinez Bridge. This force main measures 630 LF and was installed in 2000. Redundancy is provided by a 14-in. HDPE force main to the equalization tank located on the shoreline west of Crockett. That force main measures 3130 LF and was installed in 2006. There is no piping that connects the equalization tank directly to the treatment plant.

The equalization tank provides a six-day capability in dry weather to allow time for any necessary repair and inspection of the primary main. While this gives great confidence in times of emergency, the District has already shown that it is prepared to withstand the loss of both force mains at the same time.

That event occurred in 2000 due to two separate incidents of physical destruction, both unprecedented and unexpected but only two weeks apart. The District was able to marshal the necessary resources to effect a repair in 28 hours and not suffer any discharge of wastewater after the initial few minutes. The incident has helped to improve the District's preparedness for future emergencies. The District has the ability to call on several engineers, several contractors, the WCWD and others for expert guidance and emergency actions.

The event of emergency, the following may be called by District staff:

|                                   |                     |              |
|-----------------------------------|---------------------|--------------|
| Vivian Housen, PE                 |                     | 925-518-3487 |
| Ken Cook, WCWD PE                 |                     | 510-222-6700 |
| Michael Donovan, PE               |                     | 925-945-6850 |
| Aaron Winer, WCWD                 |                     | 510-237-6603 |
| Roto-Rooter, Contractor           |                     | 925-939-3100 |
| L.R. Paulsell, Contractor         |                     | 510-453-6203 |
| All Bay Sewer                     |                     | 415-702-8626 |
| Bill's Underground, Contractor    |                     | 510-223-8205 |
| Ghilotti Construction, Contractor |                     | 415-256-1525 |
| ServiceMaster                     |                     | 800-480-8439 |
| Advanced Cleanup Technologies     |                     | 707-746-6190 |
| Universal Environmental           |                     | 707-747-6699 |
| Underground Service Alert         | 811                 | 800-227-2600 |
| Big 4 Rents Equipment Rental      |                     | 707-747-4444 |
| California Diesel & Power         | (genset svc/rental) | 925-229-2700 |
| Clean Harbors                     | (Pumping/cleaning)  | 707-747-6699 |

#### E. FLOODING OF THE PUMP STATION

The pump station is located in a flood plain and could be subject to a flood emergency. The District sees no hazard mitigation alternatives that are available to prevent a flood from sweeping through the facility. It has prepared for flooding in the wet room by raising all motors out of harm's way on elevated pads. The pump room must remain reasonably dry, however, for the facility to stay operational. In the event of area flooding more severe than occurred during the El Nino 1998 event, the District will obtain a trailered pump and an operator for the purpose of keeping the pump room dry. This can be handled by CSD staff with rental equipment or through cooperation with the WCWD. Unfortunately, flooding of this magnitude could pose a life-threatening situation to personnel. Should it become prudent to stand by while the facility is overwhelmed by a flood, the District will then call on outside agencies for assistance with disaster recovery.

## F. EARTHQUAKE, TRAIN DERAILMENT SABOTAGE, OTHER CATASTROPHES

As with severe flooding, the District will quickly marshal the engineers, contractors and materials necessary to assess the damage and restore the pump station to operation. The District will immediately notify the following.

|  |              |
|--|--------------|
| Fire, Police, Medical Emergency                      | 911          |
| Governor's Office of Emergency Services (OES)        | 800-852-7550 |
| Regional Water Quality Control Board (RWQCB)         | 510-622-2300 |
| County Office of Emergency Services                  | 925-646-4461 |
| <b>County Environmental Health Department (CEHD)</b> | 925-692-2500 |
| CEHD After Hours                                     | 925-383-5445 |
| Department of Fish and Game                          | 707-944-5500 |

The District has signed an Agreement for Participation in the Contra Costa County Operational Area Organization. The District has also joined the Wastewater Agency Response Network (WWARN) through which it is party to a mutual aid agreement between wastewater agencies. In the event the WCWD is unable to continue its contractual assistance to the District due to catastrophic events to its own facilities, the District will reach out to Central Contra Costa Sanitary District and other members of WWARN for urgent needs.

## G. UNDERGROUND FUEL TANK LEAKAGE

The pump station does not have an underground storage tank for diesel fuel. No contingency plan is needed.

## H. LABOR STRIKE

The General Manager and Department Manager are the only employees of the Department, and a labor strike is not a possibility. In the event a labor strike should affect any contractor or vendor serving the Department, an alternate provider will be obtained. The Manager will supervise pump station maintenance if necessary. No contingency plan is needed.

## I. CHEMICAL SHORTAGE

The pump station does not use any chemicals in its operation. No contingency plan is needed.

The equalization tank uses aeration to prevent odor. Hydrogen peroxide or sodium hypochlorite could be used on odor control if needed. No water quality emergency would result. No contingency plan is needed. The treatment plant has supplies on

hand if needed. A local supplier is Brenntag Pacific INC. 860 Wharf Street Richmond CA 94804.

J. OTHER SUPPLIES AND SPARE PARTS

As pump station is setup for redundancy, and is dependent on WCWD for operation, other supplies and spare parts are supplied by WCWD and not stored on site.

K. VANDALISM

The pump station is a secured building within a locked fence. Vandalism to accessible equipment would not create a water quality emergency. The collection sewer gate valve into the Pump Station is padlocked so that it cannot be closed except by authorized personnel. No contingency plan is needed.

IV. THE SEWER SYSTEM

A. SEWAGE SPILL

Every spill of untreated wastewater from the sewer system is considered an emergency and receives an immediate response. The primary responder is the CSD staff on duty. The second agency responder is CSD on standby. The third responder is WCWD. WCWD is contracted to respond within three hours on any day or night, to remove any blockage, make emergency repairs and take cleanup actions.

In event of emergency the District will notify the following, as appropriate:

|   |              |
|---|--------------|
| West County Wastewater District (Days)        | 510-222-6700 |
| West County Wastewater District (Nights)      | 510-222-6799 |
| Regional Water Quality Control Board (RWQCB)  | 510-622-2300 |
| Governor's Office of Emergency Services (OES) | 800-852-7550 |
| County Environmental Health Department (CEHD) | 925-692-2500 |
| CEHD After Hours                              | 925-383-5445 |
| Department of Fish and Game                   | 707-944-5500 |

The State and Regional Water Quality Control Board has published requirements for notification, reporting and cleanup response actions for all sewage spills of 100 gallons or more. Verbal notification of such spills must be immediate. It is the District's protocol to report lesser spills as well.

The District adopted an updated Sanitary System Management Plan in April 2014 which incorporated the District's Overflow Emergency Response Plan. Along with the Crockett Pump Station Sewer Spill Emergency Response Plan, these documents

provide guidance and procedures to measure, cleanup, and minimize the effect of discharges.

## B. STRUCTURAL PIPE FAILURE

Pipe failure may occur due to earthquake, landslide, subsidence, explosion or other catastrophes. The primary responder is the CSD staff on duty. The second agency responder is CSD on standby. The third responder is WCWD. WCWD is contracted to respond within three hours on any day or night, to remove any blockage, make emergency repairs and take cleanup actions.

In the event of emergencies, the District may also call for assistance from engineers, contractors and other agencies such as those mentioned above. The District relies primarily on engineering consultants for guidance.

## C. SYSTEM REHABILITATION PROGRAM

The District has a comprehensive program of collection system rehabilitation to improve system reliability, reduce inflow and infiltration, eliminate sewer overflows and reduce the hydraulic load on the wastewater treatment plant. This program includes televised inspection of 10% of the sewer system each year and directs our minimal resources to the most serious known defects. This program also analyzes flow data in an effort to quantify I&I impacts on the system and to locate I&I sources for correction. In addition, the District places a strong emphasis on preventive maintenance of the collection system to eliminate sewer overflows. This includes a wet weather preparedness program each year.

## V. SPILL PREVENTION PLAN

The NPDES spill prevention plan requirement pertains to storm water discharges from the treatment plant only. No spill prevention plan is required of the collection system.

## VI. DISTRICT PERSONNEL

As the primary employee of the District, the General Manager plays a vital role in responding to emergencies. The loss of the General Manager due to sudden death, hospitalization or disappearance would pose an emergency by itself. In such an event, the Department Manager will assume responsibilities and West County Wastewater District will be asked to continue providing both routine maintenance and emergency response as if the General Manager was on vacation. No water quality emergency will result. The District Board will take action to find a temporary or permanent replacement.



## VII. PROGRESS REPORTS / ANNUAL REPORTING

In accordance with the California Regional Water Quality Control Board's Order No. 2022-0103-DWQ, which sets forth waste discharge requirements for the Crockett Sanitary Department, the District has continued implementation of this CSPP. The District will provide a copy of the current CSPP to the RWQCB upon request. Otherwise, there is no requirement for submitting progress reports.

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