



REQUEST FOR COUNCIL ACTION

Meeting Date: 11/2/2020

ORIGINATING DEPARTMENT: Parks & Recreation		PRESENTED BY: Mike 'Diesel' Post
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ITEM:

2020 Effluent Flow Metering project

BACKGROUND:

On January 30, 2020 staff and the Mayor received a letter from the Colorado Department of Public Health and Environment concerning inspection results which found that the flow metering flume for the effluent of the Salida Hot Springs Aquatic Center was undersized and required an upgrade. Staff contacted Crabtree engineering to get engineering documents for an appropriately sized upgrade. Staff received engineering documents on 9/1/20 and a bid tabulation form on 9/15/20. Solicitations were submitted to BidNet on 9/24/20 and closed on 10/23/20. The solicitation received one bid from Pridemore Construction.

FISCAL NOTE:

Pridemore Construction bid	\$58,990.00
10% contingency	\$5,899.00
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Project total	\$64,889.00

STAFF RECOMMENDATION:

Staff recommends that Council approve the administrator to enter into a Construction Contract with Pridemore Construction for \$58,990.00 for construction of the upgraded effluent flow metering device and vault for the 2020 Effluent Flow Metering project for a total of project cost not to exceed \$64,889.00.

SUGGESTED MOTION:

A Council member should make a motion to combine and approve the consent agenda, followed by a second and a voice vote.

ATTACHMENTS:

CDPHE letter



COLORADO
Department of Public
Health & Environment

January 30, 2020

The Honorable P.T. Wood
Mayor of City of Salida
448 E 1st St
Salida, CO 81201-2864

Subject: Compliance Inspection of Industrial Wastewater Treatment Facility
Colorado Discharge Permit Systems (CDPS) No. CO0048966, Salida Hot Springs Aquatic Center
Chaffee County

Dear Mayor Wood:

This letter serves to report the findings of the compliance inspection conducted by the Field Services Section of the Water Quality Control Division (the division) on the above-referenced facility on December 18, 2019. The assistance that was provided was very helpful and is greatly appreciated. Table 1 identifies the parties present during the compliance inspection.

Table 1: Parties Present

Name	Organization
David Daley	City of Salida
Cameron Wilkins	Colorado Department of Public Health & Environment

Table 2 summarizes the number of findings and the required written response dates.

Table 2: Compliance Inspection Findings

Severity Category	Number Identified	Response Due (within 30 days of letter date)
Major Findings	1	February 29, 2020
Other Findings	0	No Response Required
Observations/Recommendations	0	No Response Required

Major Findings

These items require action by the permittee and will be followed up by the division. Please provide a written response addressing the major findings listed below, which are potential violations, by February 29, 2020. The response must outline the course of action that will be taken and the date by which you propose to bring the facility into compliance with the CDPS permit, Colorado Revised Statutes and/or the associated regulations. Failure to respond within the required time frame may result in formal enforcement action.

1. **B0020-1 - Management Practice Violations - Improper Operation and Maintenance.** Equipment is not properly sized, operated, calibrated, or maintained and/or the information is not reasonably available for inspection.

Part I.A.2 of CDPS No. CO0048966 indicates the facility is required to have effluent flow measuring and recording devices. The two-inch Parshall flume was near capacity during normal flows and likely unable to measure flows during pool draining. Additionally, the manhole around the flume was filled with water from an unknown source, which could be a bypass around the flume or indication of the flume being overtopped. Per Part I.D.8 of CDPS No. CO0048966 states that the flow-measuring device must indicate values within 10 percent of the actual flow being measured. Not having an appropriately sized flume is a major finding of the permit. The permittee must prove that the flume is adequately sized to accurately measure all flows or install an appropriately sized flow monitoring device. Further, the permittee is expected to identify the source of water around the flume and correct it if warranted.



Other Findings

The division expects the permittee to correct the following other findings, which are potential violations, as soon as practical and return the facility to compliance with the CDPS permit, Colorado Revised Statutes and/or the associated regulations.

No other findings were identified.

Observations/Recommendations

While the division will not directly follow up on the observations/recommendations listed below, it is highly recommended that the permittee address them. The following observations/recommendations were identified:

No observations or recommendations were identified.

Reminders

- Sanitary sewer overflows and any other spills that may impact state waters are required by law to be reported in accordance with the division's *Guidance for Reporting Spills under the Colorado Water Quality Control Act and Colorado Discharge Permits*, which is available on the division's website at <https://www.colorado.gov/cdphe/wqcd>. The state 24-hour toll-free number for environmental release and incident reporting is 877-518-5608.
- Construction of interceptor sewers, lift stations and treatment plants, including modification/expansion of existing facilities, requires site location and design approval prior to commencement of construction. Please refer to the division's website at <https://www.colorado.gov/cdphe/wqcd> for information regarding these requirements.
- Most regulations, guidance documents and forms are available via the internet on the division's website. Please link to <https://www.colorado.gov/cdphe/wqcd> for further information.
- In November 2018, the Water and Wastewater Facility Operators Certification Board updated and revised the criteria for facility classification in Regulation No. 100. These revisions are important because treatment and distribution/collection system classification establishes the minimum certification level for the operator in responsible charge. This may affect your facility's operator certification requirements. For existing facilities, the new criteria will be applied beginning March 1, 2021. For new facilities, or if your facility undergoes a design review by the division, the facility classification will be reevaluated based on new criteria beginning March 1, 2019. More information is available at <https://www.colorado.gov/cdphe/wq-reg100-facility-classification>.

Enclosed with this letter you will find a postage-paid Customer Satisfaction Survey Postcard. Please take a few moments to complete the survey and return it to the division. Your efforts to provide feedback to improve the inspection process are appreciated.

If you have any questions, please contact me by phone at 719-539-2232 or via email at cameron.wilkins@state.co.us. Thank you for your time and cooperation.

Sincerely,

Cameron Wilkins, P.E., Senior Field Engineer
Field Services Section
Water Quality Control Division
Colorado Department of Public Health & Environment

Encl. Inspection Report

cc: Chaffee County Health Department
Permit File, CDPS No. CO0048966 / Aquifer Case FS.20.INSP.05467
David Daley, ORC



Water Compliance Inspection Report

Section A: National Data System Coding (i.e., ICIS)

Inspection Date: 12/18/2020

Inspector: State

Permit

Inspected: CDPS #

Inspection Type

Program

Facility Self-Monitoring Evaluation Rating

Process CO0048966

Compliance Evaluation

NPDES Base Program

Marginal

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number.)

Name Salida Hot Springs Aquatic Center

Facility Loc

Address 410 W Hwy 50

City, State, Zip Salida

CO

81201

If industrial, POTW name & CDPS number:

Entry

Date 12/18/2020

Time 8:30 AM

Permit Effective Date

1/1/2017

Exit

Date 12/18/2020

Time 1:00 PM

Permit Expiration Date

12/31/2021

Effective

Name(s) of On-Site Representative(s) / Title / Phone / Email

Name David Daley

Title ORC

Company City of Salida

Address 410 W Hwy 50

City, State, Zip Salida, CO 81201

Phone 719-539-6738

Email david.daley@cityofsalida.com

Name

Title

Company

Address

City, State, Zip

Phone

Email

Processes Which Generate Wastewater:

Industrial wastewater - Hot springs water that bypasses pool as well as water draining from the pool. Backwash from pool filters goes to sanitary sewer.

Name / Contact info of Responsible Official

Name P. T. Wood

Title Mayor

Company Salida City of

Address 448 E 1 St

City, State, Zip Salida, CO 81201

Phone 719-530-2624

Email pt.wood@salidaelectd.com

Treatment Process Description:

Water from pools is dechlorinated, combines with hot water by pass, passes 001A and is discharged.

Permitted Features (**bold italics** indicate revised coordinates)

Feature: 300-I 001-A 0 0 0

Lat (DD): 0.000000 38.525043 0.000000 0.000000 0.000000

Long (DD): 0.000000 -106.009573 0.000000 0.000000 0.000000

Section C: Areas Evaluated During Inspection (included in letter if unsatisfactory)

Satisfactory	Permit	Satisfactory	Self-Monitoring Program	Not Applicable	Pollution Prevention
Satisfactory	Records / Reports	Not Applicable	Compliance Schedules	Not Applicable	Stormwater
Satisfactory	Facility Site Review	Satisfactory	Laboratory	Not Applicable	Combined Sewer Overflow
Satisfactory	Effluent / Receiving Waters	Satisfactory	Operations & Maintenance	Not Applicable	Sanitary Sewer Overflow
Unsatisfactory	Flow Measurement	Not Applicable	Sludge Handling / Disposal	Not Applicable	MS4
Satisfactory	Certified Operator in Responsible Charge	Not Applicable	Pretreatment	Inspection evaluated elements identified in EPA's NPDES Compliance Inspection Manual, US Environmental Protection Agency, Office of Enforcement and Compliance Assurance, EPA 305-X-04-001.	
DMR Period Evaluated - Start: 1/1/2017 End: 10/31/2019					

Section D: Summary of Findings / Comments (see inspection letter for details)

Code

Description

B0020-1

Equipment is not properly sized, operated, calibrated, or maintained and/or the information is not reasonably available for inspection.

Name of Inspector	Phone	Email	Agency	Office
Cameron Wilkins, P.E.	719-539-2232	cameron.wilkins@state.co.us	CDPHE, Water Quality Control Division	Salida