

CITY OF WILLIAMS
City Council Special Meeting Agenda

810 E Street/P.O. Box 310, Williams, CA 95987

CITY COUNCIL
COUNCIL CHAMBERS
THURSDAY FEBRUARY 27, 2020

4:00 P.M.

A. CALL TO ORDER

B. ROLL CALL

C. PLEDGE OF ALLEGIANCE

D. PUBLIC COMMENT

This is an opportunity for the public to speak to the Council on any item listed on the agenda of this Special Meeting.

E. OLD BUSINESS

1. Authorize \$45,407.30 for the completion of the rehabilitation work on Well #9 and \$20,000.00 contingency for additional work if needed.

F. NEW BUSINESS

2. Direct the City Administrator to write a letter to the County expressing our interest in renovating the property at 810 C Street if the title to the house is transferred to the City.

G. ADJOURNMENT

I, Mariana Pineda, City Clerk for the City of Williams, declare that the foregoing Notice of the February 27, 2020 Special Meeting of the Williams City Council was posted on February 26, 2020 at the office of the City of Williams, 810 E Street, Williams, California 95987.

Dated: February 26, 2020


Mariana Pineda, City Clerk

CITY OF WILLIAMS

City Council

Agenda Report

DATE: February 27, 2020

ITEM #: 1.

CATEGORY: Old Business

SUBJECT: Rehabilitation of Well #9

BACKGROUND:

On December 11, 2019, City Council approved \$62,795 for work on Well #9 to be done by contractor Commercial Pump & Mechanical (CPM). The work included \$32,795 to identify the problem with the well and an additional \$30,000 to make other identified repairs.

Phase 1: CPM Completed the first phase of work at a cost of \$31,425 which included the following:

- Pulling the pump and taking an initial video of the well
- Brushing the well casing and re-videoing
- Installing a test pump and a dynamic video
- Cleaning the debris out of the bottom of the well and re-videoing

Phase 2: CPM then completed the second phase of work at a cost of \$35,945:

- Brushing the entire well
- Cleaning the bottom of the well by airlift
- Run test pump to measure draw down
- Clear the well to run another dynamic video to look for location of infiltration

In total, phase one and phase two of the well rehabilitation cost \$67,370. This was \$4,575 higher than the amount previously approved by City Council.

Phase 3: In order to get the well operational, CPM will need to perform the following additional work:

• Pump Repair, Installation with 60' added, Start-Up	\$29,299.89
• Sand Separator with Auto-Purge Valve	\$13,107.41
• Installation, Parts to Plumb and Labor	\$ 3,000.00

Total additional cost to get Well #9 Operational	\$45,407.30
---------------------------------------------------------	--------------------

DISCUSSION:

Well #9 is a critical piece of infrastructure to the City's' water supply. Without it, we will be down to two functioning wells that do not have filtration systems. The City has rehabilitated Well #9 twice before and it continues to have problems. We have already spent \$67,370 on Well #9 during this rehabilitation. PACE Engineering feels confident that this latest phase will help Well #9 stay on-line for an extended period, but only time will tell.

FISCAL IMPACT

The additional funding of \$69,982.30 will come out of the Water Enterprise Fund. \$20,000 of this amount is for contingency and will only be utilized if needed.

If approved, the amount authorized for Well #9 rehabilitation will total \$132,777.30 (\$62,795 previously authorized plus additional \$69,982.30 requested).

RECOMMENDATION

Authorize additional \$69,982.30 in funding for rehabilitation on Well #9. This includes additional funding of \$4,575 needed to complete Phase 2, \$45,407.30 in work estimate for Phase 3 and an additional \$20,000.00 in contingency funds.

Attachments: CPM Expense Summary Well #9
Letter dated December 3, 2019 – Quotation for Well #9 Cleaning and Testing
Work Summary Report – Williams Well #9

Prepared and Submitted by:

Frank Kennedy, City Administrator

February 19, 2020

Work Summary Report - Williams Well #9

1. Pulled pump and videoed well. Based upon the heavy silt and sand expected to see a break or hole in the casing or screen. Thought the material may be coming from the patch that was put in by another contractor year's earlier. Decided to brush the area and re-video the well.
2. Brushed the well casing in the 250' zone (area of patch) to clean the casing and get a better view. Ran a well video and the patch appears to be in good condition with no leaks. Nothing else showed in the video. Decided to perform a dynamic well video which entails installing a test pump and videoing the well while the pump is running.
3. Installed test pump and performed dynamic video. Very little if any water or debris was being pulled thru the screen sections and confirmed the patch was not leaking. Dynamic video showed heavy silt and sand coming from the bottom of the well but visibility was poor. Decided to clean the bottom of the well by airlifting and re-video the well.
4. Cleaned the debris out of the bottom of the well and re-videoed. Expected to see a hole or break in the lower exposed screen or at bottom of the well. Again, nothing showed on video.
5. Contacted Pace Engineering and consulted with Tom Warnock and Laurie McCollum. They first suggested inspection of the gravel pack, however, there is no gravel chute to access the gravel pack. They then suggested brushing the entire well, surge block development of the screen sections, clean the bottom of the well by airlift, post video, run test pump to measure draw down and clear the well and perform another dynamic video to look for location of infiltration.
6. Proceeded with the suggested work. When running the dynamic video after the well work was completed the well appeared clean and the discharge water was clear and clean. No holes in the casing or screen. No dirty, cloudy water and no evidence of sand or silt intrusion. We concluded that the issue had been resolved by developing the gravel pack as suggested by Pace Engineering. Just when it was agreed upon to stop the video and turn the test pump off, the discharge water turned brown and continued to pump sand and silt intermittently. We then continued with the dynamic video and could not locate any areas of intrusion. Stopped the video and secured site.
7. Discussed the work and dynamic well video with Pace Engineering. Determined the best option was to rebuild the pump assembly with the same design (flow and pressure), replace the worn parts and add 60' of shaft and column to lower the pump setting to the original 300'. Also, decided to add the sand separator to the discharge. Based on the sieve analysis up to 84% of the sand and silt coming out of the well will be removed with the sand separator before the water reaches the filtration system.
8. Parts have been ordered and the pump is being repaired. A small concrete pad will be poured for the sand separator and the installation of the pump and sand separator is tentatively scheduled for the week of March 16th.



Grant Stanley
Commercial Pump & Mechanical, Inc.



Expense Summary Well 9

February 19, 2020

Invoices Paid to Date

Invoice #19096-1	\$ 6,295.00
Invoice #19096-2	\$ 3,945.00
Invoice #19096-3	\$ 12,900.00
Invoice #19096-4	\$ 8,285.00
Invoice #19096-5	\$ 21,395.00
Invoice #19096-6	\$ 14,550.00

Total \$ 67,370.00

Approved Items for Completion

Pump Repair, Installation with 60' Added, Start-Up	\$ 29,299.89
Sand Separator with Auto-Purge Valve	\$ 13,107.41
Estimated Cost for Installation, Parts to Plumb and Labor	\$ 3,000.00

Total \$ 45,407.30

Total Cost of Project

Invoices Paid to Date	\$ 67,370.00
Approved Items for Completion	\$ 45,407.30

Total \$112,777.30

CITY OF WILLIAMS
City Council
Agenda Report

DATE: February 27, 2020

ITEM #: 2.

CATEGORY: New Business

SUBJECT: Renovation of 810 C Street

BACKGROUND

The house located at 810 C Street is intended to be used as housing for the Enloe Ambulance Service. The lot (ground) is owned by the City and the house is owned by the County. The house has not been maintained and is now in need of renovation.

There is a possibility that the County would transfer the title of the house over to the City if we would renovate it with the intention of using the house for ambulance quarters.

If the City is interested in pursuing this possibility, the County would like a letter expressing our interest. There are multiple county organizations looking at using that house for different programs. A decision would be made soon.

FISCAL IMPACT

The estimated cost of renovating the house is \$15,000. The property would then become a long-term asset to the City.

RECOMMENDATION

Direct the City Administrator to write a letter to the County expressing our interest in renovating the property at 810 C Street if the title to the house is transferred to the City.

Prepared and Submitted by: Frank Kennedy, City Administrator