



CARMEL AREA WASTEWATER DISTRICT (CAWD) SPECIAL BOARD MEETING MINUTES January 15, 2019

CALL TO ORDER - ROLL CALL - The meeting was called to order at 9:05 a.m.

Present: Ken White, President, Directors: Robert Siegfried, Charlotte Townsend, Greg D' Ambrosio, and Michael Rachel

Absent: none

Others: Barbara Buikema, General Manager, Carmel Area Wastewater District (CAWD)
Robert Wellington, Wellington Law Offices, District Legal Counsel
Rachel Lather, Principal Engineer, CAWD
Patrick Treanor, Plant Engineer, CAWD
Mike Niccum, General Manager, PBCSD
Justin Ferron, Assistant Engineer, PBCSD
Robert Wellington, Wellington Law Offices, District Legal Counsel
Domine Barringer, Administrative Assistant/Board Clerk, CAWD

APPEARANCES, ORDERS OF BUSINESS & ANNOUNCEMENTS

1. Appearances/Public Comments:

Public questions and response listed below.

2. Agenda Changes:

There were no agenda changes.

ACTION ITEMS BEFORE THE BOARD

Action Items consist of business which requires a vote by the Board. These items are acted upon in the following sequence: (1) Staff Report (2) Board Questions to Staff (3) Public Comments, and (4) Board Discussion and Action.

RESOLUTIONS/ORDINANCES

3. Resolution No. 2019-01: A Resolution Authorizing the General Manager to Execute a Time and Materials Contract with Crescent Diving and Construction Inc for Emergency Implementation of Lagoon Crossing Structural Repairs. *Staff report by Patrick Treanor*

Mr. Treanor stated that this is a continuation of a previous staff report having Kennedy/Jenks doing repairs and design work to the outfall. Last week CAWD did some inspections and there were some failures that Kennedy/Jenks had predicted, and they started to happen. A sense of urgency moving forward was needed due to the visible changes and the work needed to be done much faster. The most recent change occurred when the Lagoon dropped, and a more thorough inspection was able to be performed. The change in the water level dropping changed the loading on the pipe so CAWD needed to work quickly. Based on the condition of the pipe Mr. Treanor contacted 5 contractors that week and of them there were two underwater contractors that expressed interest in the work. The two underwater contractors interested in performing the work went through an informal process in selecting them due to the emergency and needed underwater resources. The two contractors interested were Underwater Resources and Crescent Diving & Construction. The process undertaken was a separate interview and job walk with each contractor. CAWD asked for a proposal regarding their rates, availability, and resources they could pull together on short time frame. Mr. Treanor stated, Crescent Diving and Construction and Underwater Resources had similar rates. Crescent had a lower mobilization fee and their project manager, who has a lot of experience, would be on site the entire time. The on-site presence of the skilled project manager was considered most beneficial to CAWD. Crescent began assisting with work that night and CAWD initiated a contract. CAWD is currently working with Kennedy/Jenks, Crescent Diving and the Army Corp of Engineers for permitting. These repairs are to maintain the pipelines at its existing location. The repairs are not intended to expand or change the capacity but to bring it back to its original state. The ability to maintain existing flood loads is the goal of these repairs. The future flood projects would not be mitigated by this work.

Director White asked if there was anything holding CAWD up other than the permits? Mr. Treanor stated additional due diligence and more details are needed and that is being expedited.

Director D'Ambrosio stated that Director Rachel, and he accompanied Ms. Buikema and Mr. Treanor into the field. Director D'Ambrosio stated that Mr. Treanor had commented about a bypass pipe going under the water and coming back up? Mr. Treanor stated that would be a secondary plan. However, there is a greater environmental risk in bringing in a 24-inch pipe, sinking it, and tying it in. If the needed repairs can be done successfully the by-pass pipe would not be necessary. A bypass pipe will remain an option in case it is needed to avoid spilling.

Director D'Ambrosio questioned the comments made by Mr. Treanor regarding the beam going under to help stabilize from going up and down and the side-to-side motion. Mr. Treanor stated that is included in the upcoming repairs and is all under the same contract and permit. The connection between the vertical piles and the horizontal cross beams is very corroded. As a result, the lateral loads are at risk. Director D'Ambrosio asked how this will be solved? Mr. Treanor stated, that the initial approach would be encase in concrete the upper part of the pile bent, which is an upside "U" structure. It will be a 3-foot-tall concrete beam going across each pile structure to encase the beam and the connection between the pile and the beam. Director White questioned, if this is because the bolts are failing, Mr. Treanor responded affirmatively.

Director Rachel questioned the degradation of the metal/beam and why so late in the identifying the problem? Are there other areas of concern that are concealed, partially concealed, or occasionally concealed that could be impacted the same way? Director Rachel continued to question why was it not identified sooner? Mr. Treanor stated that the risk was originally identified in 2013. There was a project in place to mitigate the issue, but other obstacles and hurdles occurred.

Director Rachel questioned looking forward are there any other critical points? Mr. Treanor stated there is a lot of buried pipe that is difficult to assess the condition. In the collection system, there has been a lot of CCTV (closed circuit television) of gravity lines, corrosion and other items but we look at the magnitude of the risk.

Director Rachel questioned the upcoming collection project and asked does West Yost dig in deep enough and have the expertise to investigate the collection system to identify issues in the system? Ms. Lather stated that at the next board meeting a presentation of a report evaluating CAWD assets will be presented. West Yost has provided prioritization for all assets and costs that CAWD is looking at. However, force main inspection is more difficult, and it would be a future project to inspect them. There is a way to evaluate force mains, but they are more expensive than others. Ms. Lather is still researching the best method to evaluate force mains.

Director Townsend congratulated the team for a job well done

Ms. Buikema thanked Pebble Beach Community Services District for use of their boat and complimented the engineers and all the staff for a job well done. The action was quick and efficient. This project that has been on-going since 2013, CAWD is working with County and Carmel River Free. CAWD has been very transparent providing the County with information regarding the emergency work. CAWD is not repairing to Carmel River Free Standards. These repairs are being done to the existing condition and not to the Carmel River Free specifications.

Director Siegfried questioned what is going on with the County? Ms. Buikema responded the FEMA grant for this project will most likely not go forward because of the cost of the repairs. The County indicated that they are open to including replacement of the pipe as mitigation for their project.

Director D'Ambrosio questioned and is concerned about the vertical and lateral movement and the increased flow stating that there is still a significant threat. The debris that flows from Carmel River in the first few washouts is significant.

Public audience comments and questions:

Mike Niccum asked what is the budget? Director White responded, that it is time and materials. Ms. Buikema stated, the funds are coming out of capital reserves because it was not anticipated. Mr. Niccum asked if a range could be provided? Mr. Treanor stated, it is difficult to give a hard number, but the goal is to stay under \$300K. Mr. Niccum then asked what the cost allocation is for the project? Mr. Niccum asked, is this going to include carrying both the collection system pipe and material plant pipe? Ms. Buikema stated, that there is nothing wrong with the collection pipe and no damage and no repairs have been done on that pipe. The work has all been done to shore up the outfall.

Following a motion made by Director D'Ambrosio and seconded by Director Townsend the Board unanimously adopted Resolution NO. 2019-01.

Board Action

Following a motion made by Director D'Ambrosio and seconded by Director Townsend, the Board voted to authorize Barbra Buikema to execute an agreement with Crescent Diving and Construction Inc. and approved Resolution 2019-01. Director White, Director Siegfried, Director Townsend, Director D'Ambrosio All: Ayes

4. ADJOURNMENT

There being no further business to come before the Board, the President adjourned the meeting at 9:26 a.m. The next regular meeting will be held at 9:00 a.m., Thursday, January 31, 2019 or an alternate acceptable date, in the Board Room of the District Office, 3945 Rio Road, Carmel, CA 93923.

Respectfully submitted:



Domine Barringer, Secretary to the Board

APPROVED:



Ken White, President