



MINUTES OF ENGINEERING COMMITTEE MEETING

Covering Design, Construction, Capital Improvement, Master Plan and other Engineering, Operational and Planning Related Matters

Thursday, November 5, 2020 1:30 p.m., via Video/Teleconference.

MINUTES

1. Convene Meeting 1:30 pm
Roll Call: Dir. Farris, Dir. Moran, G. Mahood, and M. Smolley were present. K. Lande was unavailable at 1:30 but will try to join the meeting later. D, Ladd was absent.
Staff: R. Rogers-Dist. Manager, J. Furtado-Director of Operations,
J. Scianna-Asst. Engineer, H. Hossack-Dist. Secretary
2. Oral Communications: None
3. Old Business:
 - A. LOMPICO TANKS UPDATE
R. Rogers introduced this item and J. Furtado showed the Committee photographs of the Lompico tanks.
 - Kaski tanks are under construction. There are 3-10,000 gal. temporary tanks on site.
 - Lewis tanks are 2-125,000 gal. tanks with a water capacity of 110,000 gal. each. They are the next to go online.
 - Madrone tanks are full and online. They are 100,000 gal. tanks with a capacity of 84,000 gal. each.

R. Moran asked if the tanks will need to be coated on the inside.

J. Furtado responded that the tanks are delivered painted and coated before they are erected. The bolts are covered in nylon and when put through it is tightened with a galvanized nut.

G. Mahood noted the trees in the photos around the new tanks and questioned the defensible space.

J. Furtado said that the trees are between 15 - 20 feet back.

R. Rogers said that the environmental report mapped and marked all trees.

J. Furtado said that the anticipated completion date for the Lompico projects is February 2021 but it could very well be sooner.

R. Moran questioned the size of a 125,000 gal. tank.

J. Furtado showed him a photo of a 125,000 gallon tank.

M. Smolley asked what is being done about the exposed soil with the rain coming.

J. Furtado said that storm water protection is ready to go. All soil will be covered during rain.

L. Farris asked if the coating of the tanks is the same coating that was used at the Lyon facility.

J. Furtado said the coatings are not the same. The coatings now are much more sophisticated.

Discussion by the Committee and staff regarding coatings, leeching, VOC testing, required tests, and the temp Poly tanks after this project.

B. 2020 PIPELINE UPDATE

- Fern and Reynolds Drives

J. Furtado showed photos of the project. The pipeline is all installed. Chlorination and cut-ins are next. Additional paving may be needed.

R. Rogers noted the steel plates in the photos for emergency use on one way roads.

J. Furtado continued with the project information.

- California Drive

J. Furtado said that the crew has started on California Drive but it is just potholing and saw cutting of trench-line.

- Sequoia/Douglas Ave.

- Quail Hollow Rd.

- Lyon Zone

J. Furtado said that the remaining pipelines are in design at this point. Lyon could be divided into different projects due to the fire for FEMA funding.

R. Moran said that California Dr. has been going very well and he appreciates Anderson Pacific. He is happy to be getting hydrants.

R. Rogers added that Douglas and Lyon are going to be changed because of fire damage. We hope to be going out to bid in January 2021.

R. Moran asked, will other upgrades be getting hydrants and smart meters also?

R. Rogers said yes. It's complete upgrade of distribution systems.

L. Farris asked the volume for fire flow.

R. Rogers said it depends on the area. 1200 gpm for 16 minutes is the County spec.

J. Furtado explained the possible need for extra paving. Discussion by the Committee and staff regarding paving.

4. New Business:

A. UPDATE ON HARMON CREEK LANDSLIDE AND DEBRIS FLOW
HAZARD CONDITIONS

R. Rogers summarizes the areas of concern for high debris flows. Harmon Creek was identified as hazardous due to choke point on District property. Its possible path of debris flow will be through the Boulder Creek Elementary School, neighborhoods and town of Boulder Creek including the District buildings. The District has removed the choke point to alleviate possible choke point.

R. Moran noted deflection walls in the area.

R. Rogers said they are to keep 4 wheelers out of the area.

Discussion by the Committee, staff and public regarding the choke point reduction process.

5. Informational Material: None

6. Adjournment 2:33 pm