President Elitharp called the Regular meeting to order at the hour of 5:00 p.m.

General Manager Pruim led the pledge of allegiance.

Present: Director Elitharp
Director Evans
Director Hernandez
Director Martin
Director Sannella

Staff Present: General Manager Pruim
Legal Counsel Scott
District Engineer Gumpel
Development Services Senior Engineer Scholl
Executive Secretary Posvar

Others Present: James Strayer, Associate Vice President, Black & Veatch
Kevin Davis, Regional Vice President, Black & Veatch

ADOPT AGENDA FOR THE WORKSHOP MEETING OF FEBRUARY 13, 2017

17-02-09 MOTION WAS MADE by Director Martin, seconded by Director Hernandez, and carried unanimously to adopt the agenda for the Workshop Board Meeting of February 13, 2017.

PUBLIC COMMENT

Mr. Hunsaker addressed the Board commenting on the Oroville Dam issue and the bad effect it would have on Southern California should the dam break. He inquired if a breakage would present a shortage problem or how much of an impact a spill would have on our immediate water supply. He hopes that there can be a complete report with some discussion on how bad things have gotten. The dam is a half century old, is beginning to form cracks and the erosion is not predictable. He thanked the Board.

DISCUSSION ITEM

MASTER PLAN CIP AND WATER RESOURCES

Rob addressed the Board stating that staff from Black & Veatch, who is the District's Master Plan consultant, will be facilitating the presentations to the Board. He provided history on Black & Veatch and introduced the representatives to the Board.

James Strayer, Associate Vice President with Black & Veatch, facilitated the Master Plan Capital Improvement Program detailing the following:

- 2014 Master Plan Status
- Updated Water and Wastewater Projections
• Water Demand Projections
• Projected Water System Capital Improvement Projects
• Wastewater Flow Projections
• Projected Wastewater System Capital Improvement Projects
• Wastewater Capital Improvement Projects Cost Estimates
• Capital Improvement Project Cost Estimates by Phase
• Next Steps

General question and answer took place during the presentation.

Kevin Davis, Regional Vice President with Black & Veatch, facilitated the Water Resources Facilities Plan detailing the following:

• Setting the Stage; where we are and scope of the study
• Previous VWD Integrated Water Resources Plan
• Water Resource Options
• Local Water Supply Options
• VWD Recycled Water Sources
• Escondido Recycled Water Sources
• Encina WPCF Recycled Water Source
• Stormwater Capture
• Stormwater Capture for South Lake
• Stormwater Capture for Lake San Marcos
• Dry Weather Runoff
• Non-Potable Reuse – New Wastewater Reclamation Facility
• Non-Potable Reuse – Meadowlark Wastewater Reclamation Facility – Local Users
• Non-Potable Reuse – Meadowlark Wastewater Reclamation Facility – All Users
• Indirect Potable Reuse Process: Typical
• Indirect Potable Reuse Process: Surface Water Augmentation
• Groundwater Recharge: Groundwater Basin
• Indirect Potable Reuse Option: Groundwater Recharge
• Groundwater Recharge: San Marcos Advanced Groundwater Basin
• Direct Potable Reuse: New Advanced Wastewater Treatment Plant
• Direct Potable Reuse Option: Regional Director Potable Reuse at Encina
• Avoided Costs
• Recycled Water Alternatives Summary
• Findings
• Recommended Top Options

Mr. Hunsaker addressed the Board stating that SANDAG projections have been grossly bad. SANDAG projected a lot more growth in Vista and a lot less than what’s coming into San Marcos. Zoning density is the driving metric. Currently, if a developer says he is going to have 5% affordable housing, he’s allowed 100% density bonus. Marijuana is
a huge consumer of water, based on the State study conducted in 2010. It estimates 6 – 8 gallons per plant per day. It also called for a very high density of marijuana plants – about 3,000 plants per acre. Based on lower densities in Colorado, if Newland Sierra decides to take their 378 acres of open land and use it for agriculture as they say, he determines they would be doing about half a billion dollars a year revenue. Marijuana needs very close chemistry in the water. He thinks it’s advisable for Newland Sierra not to have permission to grow marijuana. It is in a fire protection zone, the plant is very flammable, and it is very water intensive. He also commented on the question of pretreatment of water for the small reservoir usage.

District Engineer Gumpel addressed the Board stating that staff met with the BIA prior to this workshop and discussed the same presentation. Both the staff and Black and Veatch feel that even with the slower growth projections, the CIP schedule is still conservative enough not to hinder future development. The BIA and its consultant understood delaying of the water CIP and the need for not delaying the sewer CIP as the big projects will be paid over multiple phases. Overall, staff received positive statements from the BIA representative and their consultant. Staff would like to confirm that the Board is comfortable with the less conservative approach and would like Board consensus on the general approach to the Master Plan.

General discussion took place. Following discussion, the consensus of the Board was to confirm staff’s general approach to the Master Plan.

ADJOURNMENT

There being no further business to discuss, President Elitharp adjourned the Workshop Meeting of the Board of Directors at the hour of 7:43 p.m.

A Regular Meeting of the Vallecitos Water District Board of Directors has been scheduled for Wednesday, February 15, 2017, at 5:00 p.m. at the District office, 201 Vallecitos de Oro, San Marcos, California.

Craig Elitharp, President
Board of Directors
Vallecitos Water District

ATTEST:

Glenn Pruim, Secretary
Board of Directors
Vallecitos Water District