

Attendees:

Melanie Cook  
Jim Cheap  
Reinhold Gedeit  
Vicky Langer

Agenda:

Irrigation Hardware Rainbird review:

Dominick DeRoss is the Rainbird Contractor rep and Mike McCauley is Rainbird Rep.  
Highlights of the presentation:  
House Bill 7X7 to cut use by all Water Agencies.

WOCA irrigation concerns are High Pressure, equipment Age, water conservation and type of controllers.  
Constraints on our irrigation are the Water windows from the City and their control system. Our irrigation water is 2/3 ditch water and 1/3 city water.  
The City/Potable water is harder on the equipment than the non-potable Ditch water.

Rainbird equipment:

Rainbird has full line of product and 5 year warranty, total solution is 5 year.

Their quality is excellent with a 05% failure rate.

Controllers: Built in technology with features built in that can be enabled as needed.

ESP LX controllers, traditional wiring. 48 stations is the max. Add ET or best IQ.  
Central control center is available. Is upgradable with the standard backplane.  
IQ has SW that can be updated

ET weather comes from Satellite communicating with the controllers.

ET has Lookahead: Mow day or no irrigation day determines the amount to water and when and if you water.

Slopes and shade can change the program based on different scenarios. Many preprogrammed modes.

FlowWatch senses low or high flow and will send out message.

POC = Point of connection, source of the water.

Flow manager allows multiple valves to operate simultaneously instead of sequentially.

Based on water usage and rain.

Adjust the zone, based on the slope and runoff.

High pressure is a big issue. When pressure is 5psi above 30lb is 50% waste. Heads are rated at 30psi. PRS feature on the Rainbird spray body regulates the pressure. Sealamatic with check valve prevents water leaking out of head at low point. Prevents the puddling seen with the current heads.

Distribution Uniformity. 79% Rotary spray and HE VAN. Adjustable and 85 DU which more efficient. Rotary nozzle expands the time to water.

DRIP. Rainbird has many drip solutions

PCWA gives rebates. We may be able to recoup some \$\$ this way.

Rainbird presentation finished.

Project Status:

Gates 8 & 20: Done plants area small but will grow.

Tree of Heaven removal at Hillcrest and Vivien/Pheasant: Done

Oak Planting at Gate : Done

RFP/Specifications for bidding/revised landscape contract:  
Ready for final review by Board

Landscape remodel plans for Gates 4, 6, 7, 12, 15, and 16:

Paul may be able to look at this, however, we should also look at hiring a Landscape consultant to do the design and specification with Paul acting as a volunteer consultant.

We should sequence the re-design with 3 gates now and the rest later.

Mitigation Oaks and the stages and cages removal: No bid yet on this

Drainage Improvements:

Upgrade Irrigation Hardware:

Upgrade irrigation controllers and heads in gate and common areas as wells as pool areas, unit 39, and Unit 44 for water cost savings and efficiency.

Mistletoe: Vicky to have the vendor look at mistletoe infestation and come up with a bid.

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