

HFC Committee

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To: HFC Committee
Cc: John Buck; Lisa Sakumoto
Subject: 2/14 HFC Meeting - Parks Presentation
Attachments: 02142019_HFC Committee Presentation Final.ppsx

Aloha,

Attached is the Department's presentation on the 2/14/19 meeting agenda items. Please let me know if you have any questions.

Mahalo!
Karla

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Our Mission: "Provide safe, satisfying and cost effective recreational opportunities for the residents of and visitors to Maui County."

Waiehu Municipal Golf Course

Est. 1930



The background features abstract, overlapping green geometric shapes. On the left, a solid lime green trapezoid points towards the center. On the right, a complex arrangement of various shades of green (from light lime to dark forest green) forms a large, angular shape that also points towards the center. A thin, light gray line extends from the bottom left towards the right, passing behind the green shapes.

Back Nine Greens, Collars and Approaches Renovation

Close-up Comparison: Bermuda Grass & Goose Grass vs. Paspalum Grass Waiehu Golf Course





#12 Green Before



#12 Green After



#13 Green Before



#13 Green After



#15 Green Before



#15 Green After



#16 Green Before



#16 Green After



#17 Green Before



#17 Green After



Advantages and Disadvantages: Renovation of Greens 3 Greens at a Time

Advantages and Disadvantages Renovating 3 Greens at a Time

Advantages

- ▶ Slightly “smaller” loss in revenue.
- ▶ Upfront costs are less due to smaller quantities of materials needed.
- ▶ Golfers would only have 3 temporary greens to play on during the round.
- ▶ Typically done when revenue is used as cash flow to run the golf operations.

Disadvantages

- ▶ 28 to 42 weeks of loss in revenue instead of 14 weeks.
- ▶ Increase in expenses due to inflation over a longer period of time.
- ▶ Mobilization and mechanical set up of equipment needs to be done more frequently.
- ▶ Loss in revenue and loyal golfers due to prolonged renovations and inconsistent playing conditions.
- ▶ Vendors limited to certain quantities.
- ▶ Beautification projects which need to be done in the optimal summer months are prolonged due to resources and manpower being used for an extended renovation.
- ▶ Senior golfers have expressed concern that they might not be able to enjoy Waiehu Golf Course with all new greens.

Timeline for Front 9 Greens Renovations

- ▶ Remove old grass and weeds from greens 4/15/19
- ▶ Sod cut existing material off of greens 4/17/19
- ▶ Amend greens profile with silica sand and apply preplant amendments to nourish soil 4/23/19
- ▶ Start Sprigging SeaStar Seashore Paspalum 4/29/19 thru 5/9/19
- ▶ Grow in period 12 weeks



Shoreline Erosion and Mitigation



Shoreline Mitigation Holes 6, 7 and 8

In 2010, #6 Tee was 45 feet wide with a lot of usable teeing space. With no natural erosion buffer this tee had been reduced to only 22 feet wide by 2016.



As a solution to this problem, we are encouraging and propagating native plants for shoreline protection.

- ▶ Aki'aki- seashore rush grass
- ▶ Hala trees
- ▶ Beach Naupaka
- ▶ Beach Morning Glory
- ▶ Coastal Morning Glory
- ▶ Various other Indigenous plant seeds have made their way to our beaches after the Big Iao Valley Flood in September 2016.

Along with all the native plants which are flourishing, we are using Vetiver grass on the interior of the golf course as erosion control.

#6 Tee 2015



#6 Tee 2018





Vetiver grass along interior of #8 Tee doing extremely well.