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Date: April 12, 2018
To: Launiupoko Irrigation Co., Inc. Customers
Re: Impact Monitoring Report on Interim Instream Flow Standards

On March 20, 2018 the Commission of Water Resource Management ('CWRM') voted to establish interim instream flow standards (IIFS) for Kauaula Stream, a primary source of water distributed by Launiupoko Irrigation Company ('LIC'). Included the Staff Submittal were the following Monitoring recommendations:

Staff Submittal West Maui Interim Instream Flow Standards	March 20, 2018
<ul style="list-style-type: none">▪ Uka, LLC and West Maui Land Co., in consultation with Commission staff, shall regularly report monthly water use or related monitoring data (e.g., ditch flow, reservoir levels, pumpage amounts, etc.).▪ Staff shall monitor streamflow by installing and maintaining stream gaging stations at the proposed interim IFS locations and if needed at ditch intakes.▪ Periodic biological surveys shall be conducted, subject to available funding, to monitor the response of stream biota to post-interim IFS implementation.▪ Anyone claiming to be negatively impacted as a result of the adopted interim IFS shall monitor and document, in cooperation with staff, the impact upon instream or noninstream uses, including economic impacts. Data shall be provided to staff to substantiate any claims.▪ Likewise, anyone claiming that negative impacts are a direct result of actions (i.e., diverting too much water, violating the interim IFS) caused by another party, shall monitor and document the impact upon instream or noninstream uses, including economic impacts. Data shall be provided to staff to substantiate any claims.▪ All claimants shall cooperate with staff in conducting appropriate investigations and studies, particularly with regard to granting access to stream channels and private property related to such investigations, subject to the provisions of the State Water Code, Chapter 174C, HRS.	

Attached hereto is a sample impact report monitoring form to submit to CWRM. Every owner and property is different, and owners may wish to create their own report. Impacts may include:

- 1) Cost to cross connect to potable water & operational cost of water going forward (potable water delivery is approximately 3x times the cost of non-potable water delivery)
- 2) Unreliable source of irrigation water. Running an ag operation based on water available 50% of the time is not feasible, especially when dry periods could be over consecutive months.
- 3) Need to redesign irrigation systems, zones due to meter size and flow differences.

Included in the sample impact report form is a verification of the data provided in the Final Instream flow Standard Assessment Report for Kauaula (see table 13.5 at <https://dlnr.hawaii.gov/cwrm/surfacewater/ifs/westmaui/>).

