

11 SUMMARY OF UNRESOLVED ISSUES

Unresolved issues are invariably associated with projects in the planning and conceptual design stages, as is the case for this proposed project. Consequently, the various planning processes being pursued by the CCH, including the preparation of this FEIS, the Preliminary Engineering Report, and community outreach efforts, are based on the best available information and expertise of those knowledgeable in the design and construction of the proposed types of facilities. The unresolved issues for the proposed project at the time of this FEIS submittal are summarized below along with a discussion of how the issues will be resolved prior to commencement of the project construction and / or operation.

11.1 Design of Secondary Treatment Alternatives and Common Components

The various alternatives and project descriptions presented in this FEIS reflect conceptual designs based on available information. It is likely that adjustments would need to be made as the detailed design of the selected alternative proceeds. As such, the conceptual designs should be regarded as estimates and approximations.

11.2 Site Layout

The site layout presented in this FEIS is intended to conceptualize the potential for land use at the Honouliuli WWTP site for the ultimate build-out in Year 2050. It is understood that some of these functional needs may be met at alternative off site locations in lieu of the Honouliuli WWTP site, in which case additional review would be conducted, if necessary, to analyze associated potential environmental impacts. In addition, several buildings may be restored or demolished; sites of demolished buildings would be made available for future operational needs. It is anticipated that further changes to the site layout, support structures, and buildings will occur as part of later detailed design efforts and results of additional environmental review would be included in future documentation.

11.3 Odor Control

The Honouliuli Wastewater Basin Odor Control Project is ongoing. The project scope addresses odor and corrosion concerns in both the WWTP and tributary collection system. Planning was completed in October 2015. Areas of concern and potential alternatives have been identified in the Preliminary Engineering Report (AECOM 2014b). Pilot testing for collection system and WWTP controls was completed in 2014 and design of improvements for the Headworks Odor Control System is anticipated to be completed by October 2016. Improvements within the WWTP have been discussed in this document.

11.4 System-Wide Improvements to the Honouliuli Wastewater System

The current focus of the Honouliuli Fac Plan is the improvements to the Honouliuli WWTP that are needed to comply with the FACD, which requires that the Honouliuli WWTP be upgraded to a secondary treatment facility by 2024. Meanwhile, the timeline for planning and engineering efforts for other FACD requirements, including improvements to the Honouliuli conveyance system, is independent of the 2024 upgrade deadline, and the recommendations for the conveyance system are still under consideration. Therefore, as previously discussed, the project assessed in this FEIS only concerns the upgrade and expansion of the Honouliuli WWTP to provide secondary treatment and accommodate projected wastewater flows, as well as addresses the potential relocation of non-process facilities (including Administrative support, Central SCADA operations, Laboratory, Ocean Team, Central Shops and the Central Warehouse) that support island-wide wastewater system functions that are currently located at Sand Island WWTP to the Honouliuli WWTP site. The required environmental review associated with the Honouliuli WWTP upgrades, including estimating the flows that will be conveyed to the WWTP, is included in this FEIS. The improvements to the conveyance system will be the subject of separate environmental review documents to be prepared and submitted when the system improvements are better defined.