



Aerial view of the project site. Kapunahala Stream is located along the tree line and dense vegetation adjacent to the Castle Hills subdivision (homes on the left) and the Kahelelani Subdivision (homes on the right and foreground). Pookela Street and the outlet of the existing 20-foot x 10-foot concrete box culvert are located in the background. The new concrete drop structure and stream stabilization improvements will be located downstream of the existing outlet structure.





Downstream view of Kapunahala Stream at existing outlet structure. The proposed concrete drop structure will replace the existing CRM outlet structure. The stream bypass/diversion pipe will be located on the left side of the existing outlet structure.



Upstream view of waterfall at the end of the existing CRM outlet structure. The stream bypass/diversion pipe will be located on the right side of the waterfall.





Upstream view of the existing outlet structure. The existing concrete headwall for the 20-feet x 10-feet concrete box culvert is located in the foreground. The stream bypass/diversion pipe will be located on the right side of the outlet structure.



Photograph of the existing 2-foot x 2-foot concrete lined drainage ditch. The drainage ditch discharges into the existing outlet structure. The stream bypass/diversion pipe will be located under the drainage ditch near the Mango tree.