



Photo 1: Aerial photo of area to south of the Orange River Mouth showing cut-off channel (**CH**) and cut-off lagoon (**LA**) behind the southern spit (blue arrow). Note the causeway that has been removed from channel (yellow arrow) and the removal of small sections of the flood attenuation berm (red arrows)



Photo 2: Aerial photo looking south of the Orange River Mouth showing cut-off channel and cut-off lagoon behind the southern spit.



Photo 3: Photo looking north towards the Orange River Mouth showing cut-off lagoon behind the southern spit. A sand berm has built up near the mouth of the river (red arrow) denying any tidal flow of salt water, resulting in hypersaline conditions within the lagoon.



Photo 4: Photo looking south towards the mine workings of Alexkor. Note the windblown sediment emanating from the slimes dam of this plant. Sediment is entering into the degraded wetland between the berm (where photo is being taken from) towards the mine workings.



Photo 5: Photo looking northwest over the degraded wetland showing the accumulation of sediment from slimes dam within Alexkor mine. Note the attempt to trap sediment by netting and the growth of vegetation. This attempt to trap sediment has been abandoned.



Photo 6: Photo looking northwest over good quality saltmarsh vegetation within the degraded cut-off saltmarsh area. The cut-off lagoon is in the background.



Photo 7: Photo showing the flood attenuation berm close to the Orange River (reeds to right of berm) and the degraded old saltmarsh which was dried out for agricultural purposes. Once the berm has been removed this area will need to be rehabilitated to a saltmarsh again. Remnants of saltmarsh vegetation are present on the old field.



Photo 8: Photo showing a portion of the sewage oxidation ponds that have been developed within an old flood channel cut-off from the Orange River by the flood attenuation berm. Note the eutrophic conditions of the water and the prolific growth of fluitjiesriet and bulrushes. The town of Alexander Bay is in the background. A new sewage treatment works has been commissioned by Alexander Bay



Photo 9: Photo showing a notice board indicating that rehabilitation of the cut-off wetland is in progress.



Photomontage of that portion of the berm that is to be removed to allow floodwaters to once again inundate this area. A new berm will need to be built to protect the low-lying areas of Alexander Bay and the sports fields. The red arrows show where the new berm is to be located. The sports fields are to the right of the photomontage.



Photomontage of the area to be rehabilitated back to a saltmarsh and wetland. The sport fields are shown by the red arrow. Note the wetland vegetation in the foreground (fluitjiesriet). The new berm will be built in front of the infrastructure seen.