

## **Flamingo Wash**

Flamingo Wash and Sloan Channel were selected as additional areas of likely influence. A reach of Flamingo Wash between Lamb Blvd. and Nellis was selected based on the close proximity of a ISDS high density area north of Sahara (Figures 2 and 8). The channel between Lamb and Nellis is a natural material culvert with concrete weirs for grade control near Lamb Blvd.. Field investigation revealed an increase in EC from 3270 to 3440  $\mu\text{S}/\text{cm}$  without significant surface contributions. An increase in EC suggests a contribution from shallow groundwater. An up gradient sample station was selected below an erosion control structure near Lamb Blvd. (FLAMIN LAMB, Figures 8 and 9). A down gradient sample station for this reach was selected just upstream of Nellis Blvd (FLAMIN NELLIS, Figures 8 and 10). This site was selected to intercept surface water prior to exposure to reuse water, which is used for turf irrigation at the Desert Rose golf course. No suitable monitor wells were found in proximity to the wash or the ISDS area; therefore, an exploratory borehole was hand augered adjacent to the Flamingo Wash to determine if shallow groundwater exhibited a chemical makeup distinct from that in the channel (FLAMIN NELLIS BH, Figures 8 and 11).



Figure 8. Map detailing locations of surface water sampling sites and borehole along reach of Flamingo Wash. Area of high ISDS density is in the north portion of the map. Many of the parcels located north of Sahara have registered ISDS. Lined channel highlighted in yellow, natural channel highlighted in green.



Figure 9. View facing west detailing location of Flamingo Wash sample site at Lamb Blvd. (FLAMIN LAMB).



**Figure 10. View facing northwest detailing the sampling site on Flamingo Wash above Nellis (FLAMIN NELLIS CH) and the location of the borehole adjacent to the channel (FLAMIN NELLIS BH).**



**Figure 11 Photo detailing the borehole near Flamingo Wash at Nellis (FLAMIN NELLIS BH).**