

Drainage Report
March 3, 2011

Deficiency #1 Kestral Pkwy N has inadequate surface water drainage.

Response - Partin Concrete poured a new collection trough to route water into the Western most inlet (just outside the north gate). Jason Gallo opened the drainage lines until he encountered separate underground vaults serving each drainage point that were designed in the early 80's to divert large quantities of storm water into adjacent underground permeable strata. The drainage vaults have filled over time and cleanout seems to be impossible. We have contacted Woodruff, the original installers of the system and talked to one of the original installers. We are trying to get more info. We might have to install a separate collection line and pipe it into a 53" X 34" RCP running along the west side of Kestral Pkwy N just outside the gate.

Deficiency #5 headwall along south bank of Pond #2 damaged.

Response – Partin Concrete removed damaged headwall. Jag Engineering gave us a simple design for a replacement, rip-rap headwall. Ray Simmers has been hired by Argus to install the replacement headwall for \$880.

Deficiency #7 Swale from Pond #5 needs to be cleaned out.

Response – Dunescapes, Derek Sherman, has cleaned out the swale all the way from Pond #5 outfall to the bay (810 feet) for \$1,785 and proposes periodic cleaning for \$945 per event.

Deficiency #9 Swale from Pond #6 needs to be cleaned out.

Response – This swale was recently cleaned out by Dunescapes under contract to Eagles Point.

Deficiency #11 Swale downstream of Pond #7 needs to be cleaned.

Response – Swale cleaned and mangroves overhanging concrete divider wall trimmed by Dunescapes for \$875.

Deficiencies # 17, 18, 19, 20, 21 and 22 Main drainage swale from Landings between Cloisters, Landings Blvd and Treehouses needs to be cleaned out.

Response.-.This is the major concern of the Drainage Committee. We have talked to several contractors and are working with JAG Engineering and the County to determine course of action and cost. This will be our highest priority over the next several weeks.