Figuers Drive Area Drainage Discussion - EXHIBIT C ALICIA **Total Drainage Area** 96 acres **Total Drainage Area** 54 acres PERKINS **Total Drainage Area** 94 acres **Total Drainage Area** 43 acres Spillover across Figuers Dr. FIGUERS **Total Drainage Area** 91 acres Overflow to **Figuers Ditch** Total Drainage Area 90 acres **Total Drainage Area** 40 acres DOWNS **Total Drainage Area Total Drainage Area** TENTINGE R 15 acres 18 acres **Total Drainage Area** 77 acres (excludes non-contributing detained drainage areas) CITY OF FRANKLIN Legend **EXISTING 5-YEAR DISCHARGES** AT HYDROLOGIC NODES FIGUERS DRIVE DRAINAGE STUDY Hydrologic Nodes Figuers Dr. Subbasins NEEL-SCHAFFER Study Area Streams **Quarry Subbasins EXHIBIT 1** NOT TO SCALE June 10, 2014

Figuers Drive Area Drainage Discussion - EXHIBIT C ALICIA 5-year Peak Flow = 109 cfs Upstream Discharges 94% Local Runoff 6% 5-year Peak Flow = 141 cfs **Upstream Discharges 99%** Local Runoff 1% PERKINS FAIRGROUND 5-year Peak Flow = 103 cfs Upstream Discharges 98% Local Runoff 2% **FIGUERS** 5-year Peak Flow = 53 cfs Upstream Discharges 98% Local Runoff 2% DOWNS <u>Legend</u> CITY OF FRANKLIN PERCENTAGES OF 5-YEAR Hydrologic Nodes Figuers Dr. Subbasins **PEAK FLOWS** FIGUERS DRIVE DRAINAGE STUDY **Quarry Subbasins** Study Area Streams NEEL-SCHAFFER General Drainage Patterns NOT TO SCALE **EXHIBIT 3** Drainage to Problem Areas June 10, 2014