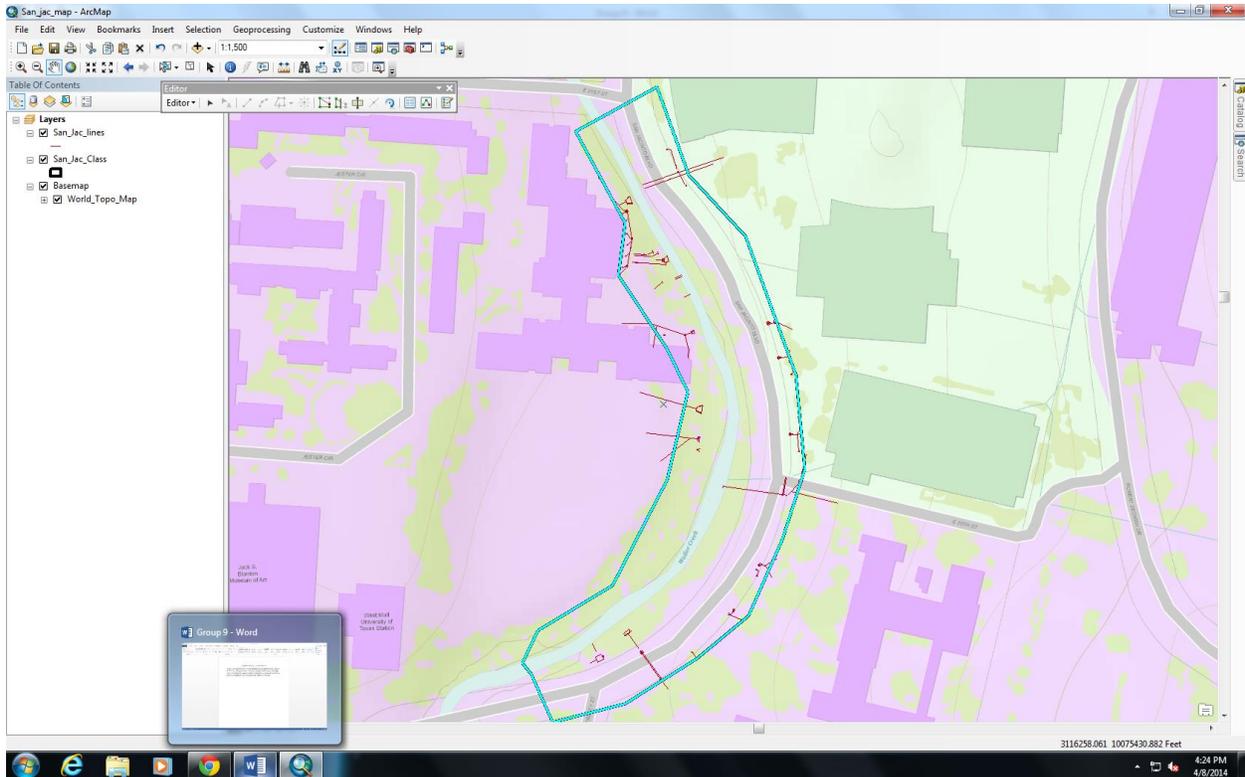


Group 9: Bio-retention on Sac Jacinto Boulevard

Enclosed is our base map depicting San Jacinto Boulevard from its interception with Trinity Street up to 21st Street. This whole area is adjacent to Waller Creek. Our goal in using this map is to pinpoint viable areas in which to implement bio-retention facilities; main examples would be frequently inundated areas or paths of concentrated flow before discharge into Waller Creek or San Jacinto inlets.



Within the above area, we aim to improve the run-off quality before it enters Waller Creek or inlets along San Jacinto by allowing water to pass through vegetated patches which will filter unwanted materials out of the run-off. Bio-retention design criteria manuals, comparison of first-flush pollutants before and after bio-retention implementation, and investigations to different types of vegetation and their configurations will be conducted.