ATTACHMENT C

Vegetation Performance and Success Criteria

Performance and success criteria for the Project mitigation plantings are outlined in Table 1. The overall health and vigor of all plantings will be evaluated each year in the field using the ratings listed in Table 2. The criteria include annual or semi-annual plant survival success criteria of no less than five years for herbaceous species, and no less than ten years for woody species (i.e. trees and shrubs).

a. A vegetation monitoring plan to track whether the plantings meet success criteria; replanting to replace unsuccessful growth; and other steps to ensure establishment, vigor, and health in mitigation plantings and mitigation success.

b. The mitigation for tree and shrub removals shall be consistent with the tree removal ordinances or similar requirements in the County of Santa Clara and cities of Milpitas and San Jose, at a minimum; and shall meet the requirements of the U.S. Fish and Wildlife Service Coordination Act Report for the Project dated April 26, 2013.

c. The Discharger shall water all riparian and wetland plantings for a minimum of 3 years. The Discharger shall continue to water all plantings during all projected dry water years (defined as 75 percent of average annual rainfall) that occur during the first 10 years after construction. Any replacement plants (see (e) above) shall be watered for a minimum of 3 years.

d. The Discharger shall follow the best management practices for preventing introduction and spreading of plant pathogens in mitigation areas, in accordance with the Planting Plan.

Table 1. Performance and Minimum Success Criteria for On-site and Off-site Mitigation Plantings

Habitat Type	Criteria
Native grass hydroseeded areas; and riparian herbaceous and forbs communities – percent cover native species and non-native species	**Year 1:** 50 percent cover **Year 3:** 75 percent cover **Year 5:** 85 percent cover • Post-planting shall meet 85 percent cover after five years • Absolute cover of non-native, or invasive species, will not exceed 10 percent in any year through Year 5 • Health and vigor monitoring pursuant to Table 5.
Wetland hydroseed plant mix in Upper Berryessa Creek between Calaveras Boulevard and Piedmont Creek – total	**Year 3:** Total area no less than 0.25 acres **Year 5: Total area no less than 0.0.68 acres** • Annual health and vigor monitoring pursuant to Table 5.

area coverage	
Riparian plantings including trees and shrubs – canopy cover success criteria	• Performance stanards and success criteria shall be consistent with the District's Stream Maintenance Program Manual, July 21, 2014, section 11.3.2. • In addition, shrubs and trees shall be monitored for an additional 5 years beyond the first 5 years following initial planting. Monitoring shall be conducted in years 6 through 10, but annual reporting shall only be in years 7, 9, and 10. Each annual report shall cover the monitoring for the previous year's or two year's of monitoring conducted, in addition to the cumulative monitoring results at each monitoring milestone. • Annual health and vigor monitoring pursuant to Table 5.
Seasonal wetland communities (applicable the off-site mitigation area includes seasonal wetland habitat)	**Year 1:** 5 percent or greater absolute cover of planted and natural recruitment of wetland species. No more than 5 percent absolute cover of target invasive plants. No large unvegetated bare spots (greater than 25 percent) or erosional areas, no evidence of oversaturation or permanent inundation. **Year 2:** 20 percent or greater absolute cover of planted and natural recruitment of wetland species. No more than 5 percent absolute cover of target invasive plants. No large unvegetated bare spots (greater than 25 percent) or erosional areas, no evidence of oversaturation or permanent inundation. **Year 3:** 45percent or greater absolute cover of planted and natural recruitment of wetland species. No more than 5 percent absolute cover of target invasive plants. No large unvegetated bare spots (greater than 25 percent) or erosional areas, no evidence of oversaturation or permanent inundation. **Year 4:** 60 percent or greater absolute cover of planted and natural recruitment of wetland species. No more than 5 percent absolute cover of target invasive plants.No large unvegetated bare spots (greater than 25 percent) or erosional areas, no evidence of oversaturation or permanent inundation. **Year 5:** 70 percent or greater absolute cover of planted and natural recruitment of wetland species. No more than 5 percent absolute cover of target invasive plants. No large unvegetated bare spots (greater than 20 percent) or erosional areas, no evidence of oversaturation or permanent inundation. • Annual health and vigor monitoring pursuant to Table 5.

Table 2. Health and Vigor Ratings

5	Excellent – less than 5% of the quadrat affected by mortality or cumulative

	symptoms of poor health, for example, disease, insect damage, mechanical damage, and poor structure;
4	Very good – 5 to 25% of quadrat affected by mortality or cumulative symptoms of poor health;
3	Good – 25 to 50% of quadrat affected;
2	Fair – 50 to 75% of quadrat affected;
1	Poor – greater than 75% of quadrat affected; or
0	Dead – no living plants in quadrat