

McGee & Associates

Landscape Architecture

Project: GOLDEN GATE BEAUTIFICATION, M.S.T.U.
Project Manager: Harry Sells, MSTU Project Manager, C.C.P.S.D. – P.T.N.E. Dept.
Consultant: McGee & Associates
Contractor: Hannula Landscaping & Irrigation Inc.
Report Period: FY 14-15 July 2015

Location: Tropicana Blvd.
Consultant's Representative: Michael A. McGee, rla, isa
Contractor's Representative: Dale Hannula
Report No.: Ten– FY14-15

S - Indicates items to be addressed by staff.

C - Indicates items to be addressed by Contractor

Contractor is requested to address items as soon as possible and indicate in **RESPONSE/COMMENTS** column when items are addressed. Please return electronic copy to our office prior to next month's MSTU site review and meeting. **Note:** Copy picture out of comment boxes and then paste to additional sheet if picture is desired in larger size.

<u>LOCATION/WORK AREA</u>	<u>S</u>	<u>C</u>	<u>R</u>	<u>MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS</u>	<u>RESPONSE or COMMENTS</u>
Observation date: 07/13/15				<u>MONTHLY ADDRESSED</u>	Please provide responses as completed, ongoing or proposal submitted & any notation deemed important. Contractor's recent responses are highlighted.
Median 2, 4 & 5		X		Multiple turf areas are showing water stress due to the recent multiple day pause in the rains. The turf grass will shown water stress quicker during the rainy season when typical rainy season rains stop for more than a three day period. It is typically due to the seasonal shallow rooting which occurs during the rainy season. Continue irrigation system checks with, as well as make sure the controllers and rain sensors are adjusted properly to provide coverage when the rain pause periods happen.	
Median 2, 4 & 5		X	2	The narrow turf areas and specifically the ends of the narrow turf areas have grass that is thinning and declining. These narrow turf locations are are where the large mowers travel over the same tracks with each mowing. The weakest points are on the ends where the mowers make a turning motion. These turf locations are showing signs of soil compaction which results in the root system decline of the turf. It is recommended to aerate all the turf areas and change the type of mowers being used to reduce any further compaction.	It is recommended the contractor provide a proposal to aerate these turf locations and then apply an additional application of Ferromec AC15-0-0 plus 6% iron & 3% sulfur @ 1.5 gal. per 100 gal. of water. Once aerated the turf areas should be reviewed for any turf replacement prior to applying the iron.
Median #1					
Median #2					
Pedestrian shelter at 31st Ave. SW					
Median #3 Bridge					
Median #4		X		At address 2976 turf grass contains unacceptable amount of weeds.	
		X		At address 2900: Thryallis shrub beds has 10 to 12 dead, declining or missing plants.	M&A: 07-14-15 The Thryallis shrubs are not performing well as the tree canopy begins to develop

Design * Environmental Management * Planning * Arborist

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					over the plants and creates denser shade. It is recommended to consider renovating the beds from Thryallis shrubs to Variegated Arborcola. Provide proposal to remove existing shrubs and replant with 38 – 3 gal. Arborcola ‘Trinette’.
		X	4	At addresses 2836 - 2824: An 8' x 20' turf area on east side of median has declined and needs to be renovated. Schedule replacement during rainy season.	M&A: 06/11/15 See recommendations above. M&A: 07-14-15 Broadleaf weeds are taking hold in the bad turf area.
		X	4	At addresses 2690 - 2672: The turf area between the Variegated Arborcola and dwarf Fakahatchee grass has declined and needs to be renovated. Schedule replacement during rainy season.	M&A: 07-14-15 Broadleaf weeds are taking hold in the bad turf area.
		X	15	At address 2884: Two (4) (6) 3 gal. Thryallis shrubs are missing and need to be replaced.	Estimate #15-0050 submitted on 11/13/14, M&A: 06/11/15 Please update status of this estimate. M&A: 07-14-15 The Thryallis shrubs are not performing well as the tree canopy begins to develop over the plants and creates denser shade. It is recommended to consider renovating the beds from Thryallis shrubs to Variegated Arborcola. Provide proposal to remove existing shrubs and replant with 38 – 3 gal. Arborcola ‘Trinette’.
		X	15	At address 2824: Seven 3 gal. Thryallis shrubs are missing and need to be replaced.	Estimate #15-0050 submitted on 11/13/14, M&A: 06/11/15 Please update status of this estimate. M&A: 07-14-15 The Thryallis shrubs are not performing well as the tree canopy begins to develop over the plants and creates denser shade. It is recommended to consider renovating the beds from Thryallis shrubs to Variegated Arborcola. Provide proposal to remove existing shrubs and replant with 38 – 3 gal. Arborcola ‘Trinette’.
		X	16	At address 3044: Bermuda grass in turf.	Spray Application on schedule
	X	X	37	At address 2841: Treat Bermuda grass in turf area on north end of Bougainvillea bed.	Hannula: 11-12-13 Completed, M&A: 11-12-13 Not completed. Hannula 1/7/14: Herbicide treatment scheduled for 1/21/14, M&A: A total kill of the turf/Bermuda in the area will be required to remove the Bermuda. Recommend waiting into rainy season to

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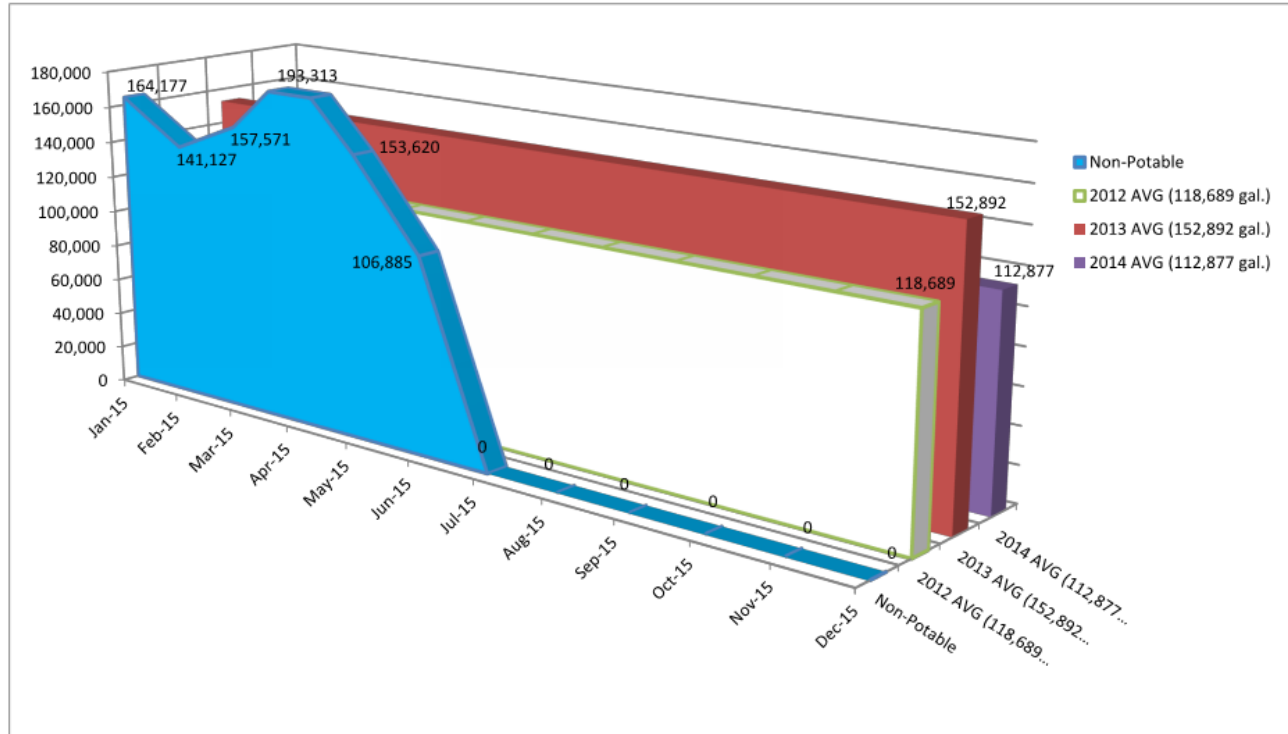
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					treat and resod.
	X	X	36	At address 2824: Treat Bermuda grass in turf area on north end of Thryallis bed.	Hannula: 11-12-13 Completed, M&A: 11-12-13 Not completed. Hannula 1/7/14: Herbicide treatment scheduled for 1/21/14 Spray Application on schedule
Pedestrian Shelter at 28th Ave. SW					
Median #5		X		At address 2733: Small dead turf area needs to be repaired.	
		X		At address 2697: There exist a 20' x 60' area of turf that is in heavy decline and needs to be repaired.	
Median #6		X		Remove and treat weeds in pavers	
				<u>QUARTERLY ADDRESSED</u>	
Accent/Street Lighting	X		43	Median #2 south end light fixture reflector cover broken.	
East R/W between 13th Ave. & PL. Lighting Disconnect & Sensor					
West Alley off 28th Ave. SW Lighting Disconnect & Sensor					
West R/W in Alley between G.G. Pkwy. & 26th PL. SW, Lighting Disconnect & Sensor					
West R/W at corner of 30th PL. SW & Tropicana Lighting Disconnect & Sensor					
Pump Station Electric Meter in Alley west of pump station					
Fertilizations		X		Review fertilization schedule for August requirements.	
Irrigation	X	X	8	If the Bermad pulse counter is working then request from Project Manager's office to contact the County Irrigation Project Manager to set the maximum flow per week at 40,000 gallons at which time an alarm will be sent to Hannula Landscaping.	M&A: 4/15/15 Please update status.

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GG MSTU TROPICANA Blvd. Well Annual Water Use for 2015



Water Use Goal:

(1.35 ac. of Plants & Turf)

Recommended: Supplemental watering rate of .75 to 1 inch per week. One inch per week equals 36,658 gallons per week or 146,633 gallons per month.

2012 total water use Jan. 2012 – Dec. 2012: 646,177 gallons or 17.63 inches of supplemental water pumped.

2013 total water use Jan. 2013 – Dec. 2013: 1,834,698 gallons or 50.04 inches of supplemental water pumped.

2014 total water use Jan. 2014 – Dec. 2014: 1,354,526 gallons or 36.95 inches of supplemental water pumped. 26% water use reduction

7/1/2015

GOLDEN GATE MSTU FY 14-15 RECOMMENDED FERTILIZATION SCHEDULE - TROPICANA BLVD.				
Plant Type	Turf / St. Augustine	Palm Trees	Shrubs & Grn. Covers Beds	Blooming Plants
Areas	(32,714 S.F.)		(16,671 S.F.)	(12,474 S.F.)
Month				
Jan-15	15-0-15 for rotary spreader 6.5 lbs. per 1000 S.F. (4 - 50 lb. bags)		8-2-12-180 (Florikote Collier blend) 15 lb. per 1000 S.F. (5 - 50 lb. bags)	14-14-14-90 7 lbs. per 1000 S.F. (2 - 50 lb. bags)
Feb-15				20-20-20 2.5 lbs./25 gal. H2O per 1000 S.F. (31 lbs.)
Mar-15	15-0-15 for rotary spreader 6.5 lbs. per 1000 S.F. (4 - 50 lb. bags)			
Apr-15				14-14-14-90 7 lbs. per 1000 S.F. (2 - 50 lb. bags)
May-15	15-0-15 for rotary spreader 6.5 lbs. per 1000 S.F. (4 - 50 lb. bags)		8-2-12-180 (Florikote Collier blend) 15 lb. per 1000 S.F. (5 - 50 lb. bags)	
Jun-15				
Jul-15				
Aug-15	0-0-22 SPM 1 lb. per 100 S.F. (7 - 50 lb. bags)		0-0-22 SPM 1 lb. per 100 S.F. (3 - 50 lb. bags)	0-0-22 SPM 1 lb. per 100 S.F. (3 - 50 lb. bags)
Sep-15	Place request for October 2015		Place request for October 2014	Place request for October 2014
10/1/2014-2015	15-0-15 for rotary spreader 6.5 lbs. per 1000 S.F. (4 - 50 lb. bags)		8-2-12-180 (Florikote Collier blend) 15 lb. per 1000 S.F. (5 - 50 lb. bags)	14-14-14-90 7 lbs. per 1000 S.F. (2 - 50 lb. bags)
Nov-14				20-20-20 2.5 lbs./25 gal. H2O per 1000 S.F. (31 lbs.)
Dec-14	Optional 21-0-0 2.2 lbs. per 1000 S.F. (2 - 50 lb. bags)			
Optional- At maintenance Consultants direction. Blooming Plants - Bougainvillea, Thyralis, Plumbago				
Optional: Add to pest and/or disease control sprayings for shrubs and turf: Ferramec AC 15-0-0 plus 6% iron, 3% sulfur @ 1.5 gal./100 gal. H2O				