

McGee & Associates

Landscape Architecture

Project: GOLDEN GATE BEAUTIFICATION, M.S.T.U.

Project Manager: Collier County Public Services Division, Public Transportation & Neighborhood Enhancements Department

Consultant: McGee & Associates

Contractor: Hannula Landscaping & Irrigation Inc.

Report Period: FY 16-17 June 2017

Location: Tropicana Blvd.

Consultant's Representative: Michael A. McGee, rla, isa

Contractor's Representative: Dale Hannula

Report No.: Eight

AC - Indicates major items recommended to be discussed by Advisory Committee, **S** - Indicates items recommended to be addressed by staff, **C** - Indicates items recommended 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>AC</u>	<u>S</u>	<u>C</u>	<u>R</u>	<u>MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS</u>	<u>RESPONSE or COMMENTS</u>
Observation date: 6/09-12/17					<u>MONTHLY ADDRESSED</u>	Please provide responses as completed, ongoing or proposal submitted & any notation deemed important.
Median 4 & 5			X		Remove sprouts at base of tree trunks.	
Median #1						
Median #2						
Pedestrian shelter at 31 st Ave. SW						
Median #3 Bridge						
Median #4			X		Recommend reviewing all dwarf Fakahatchee beds to provide counts and proposal for replacements.	
			X		At address 2896: Deadwood Orchid tree. Due to overall decline of this Orchid tree it is recommended to remove and replace with a Jacaranda Tree -14'-16' Ht., 7'-9' spr., 5"-6" cal., F.G./B&B, 30"-34" root ball dia..	
Pedestrian Shelter at 28 th Ave. SW						
Median #5			X		Prune dead foliage out of Juniper bed on north end of median.	
Median #6						
					<u>QUARTERLY ADDRESSED</u>	
Accent/Street Lighting						
Lighting Disconnect & Sensor Locations					East R/W between 13th Ave. & PL. Lighting Disconnect & Sensor West Alley off 28 th Ave. SW Lighting Disconnect & Sensor West R/W in Alley between G.G. Pkwy. & 26 th PL. SW, Lighting Disconnect & Sensor	

Design * Environmental Management * Planning * Arborist

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GOLDEN GATE BEAUTIFICATION, M.S.T.U.

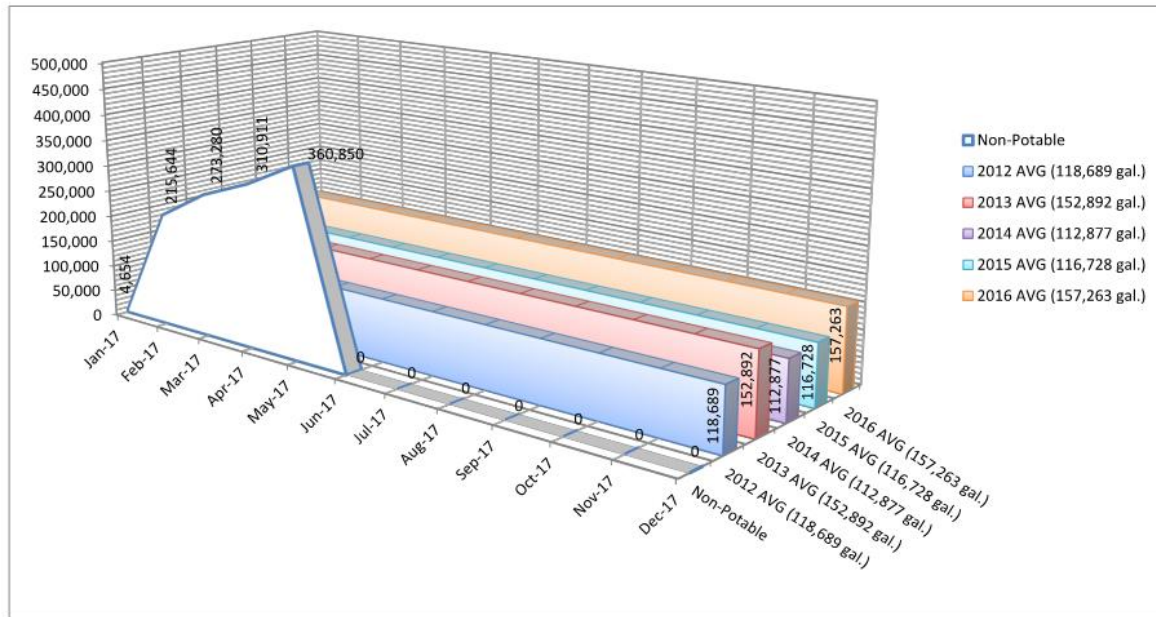
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LOCATION/WORK AREA	AC	S	C	R	MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS	RESPONSE or COMMENTS
					West R/W at corner of 30 th PL. SW & Tropicana Lighting Disconnect & Sensor	
Fertilizations			X		Refer to schedule	
Irrigation Pump Station Electric Meter in Alley west of pump sta.					The water use total was estimated at 360,850 gallons for May.	

GG MSTU TROPICANA Blvd. Well Annual Water Use for 2017



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 Jun. 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

2015 total water use Jan. 2015 - Dec. 2015: 1,400,734 gallons or 38.21 inches of supplemental water pumped, 3% water use increase, Nov. & Dec. system not functioning properly, 9/2016 new controller system activated, some readings based upon estimated projections.

2016 total water use Jan. 2016 – Dec. 2016: 1,887,160 gallons or 51.48 inches of supplemental water pumped.

6/12/2017

GOLDEN GATE MSTU FY 16-17 RECOMMENDED FERTILIZATION SCHEDULE - TROPICANA BLVD.			
Plant Type	Turf / St. Augustine	Canopy & Palm Trees	Shrubs & Grn. Cover Beds
Month / Areas	(32,714 S.F.)		(29,145 S.F.)
Jan-17	15-0-15 Rotary spreader blend 7 lbs. per 1000 S.F. (5 - 50 lb. bags)	No specific or additional fertilizer required for mature trees or palms.	8-2-10 Ultra (Florikote Collier blend) 15 lb. per 1000 S.F. (6 - 50 lb. bags)
Feb-17			
Mar-17	15-0-15 Rotary spreader blend 7 lbs. per 1000 S.F. (5 - 50 lb. bags)		
Apr-17			8-2-10 Ultra (Florikote Collier blend) 15 lb. per 1000 S.F. (6 - 50 lb. bags)
May-17	Iron plus Soil Acidifier		Iron plus Soil Acidifier
Jun-17 thru Sept-17	Place request for October 2017		Place request for October 2017
10/1/2016-2017	15-0-15 Rotary spreader blend 7 lbs. per 1000 S.F. (5 - 50 lb. bags)		8-2-10 Ultra (Florikote Collier blend) 15 lb. per 1000 S.F. (6 - 50 lb. bags)
Nov-16			
Dec-16		No specific or additional fertilizer required for mature trees or palms.	
Optional- At maintenance Consultants Recommendation. Blooming Plants - Bougainvillea, Blueberry Flax Lily			
Optional: Add to pest and/or disease control sprayings for shrubs and turf: Ferromec AC 15-0-0 plus 6% iron, 3% sulfur @ 1.5 gal./100 gal. H2O			
- Indicates period of no Nitrogen or Phosphorus applications.			
Do not apply to any flower buds or blossoms in flower.			