

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
Report Period: FY 14-15, August 2015

Location: Coronado Pkwy. and Hunter Blvd.
Consultant's Representative: Michael A. McGee, rla, isa
Contractor's Representative: Dale Hannula
Report No.: Eleven - FY 14-15

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 dates: 08/10-13/15				<u>MONTHLY ADDRESSED</u>	Please provide responses as completed, ongoing or proposal submitted and any notation deemed important.
<u>Coronado Pkwy. - All locations</u>		X	2	Eulophia graminea 'Invasive Ground Orchid' is present in multiple medians. Continue on a weekly basis to spray with contact herbicide containing tracer.	
		X	4	Schedule all Jatropha trees for a thinning and structural pruning. Please notify our office so that we can be present at the first pruning.	
Median #1- Pavers					
Median #2- Pavers					
Median #3		X	16	Review and treat Bulbine and Society garlic plants for fungus.	M&A: 7/8/14 There are (7) Society garlic plants that are dead and need to be replaced. 1 gal. size. M&A: 10-16-14 There are (25) Bulbine that are dead and/or missing. It is recommended to remove all remaining and replant areas with Blueberry Flax Lily, 1 gal. size, provide counts
Median #4					
Median #5					
Median #6		X	2	'Invasive Ground Orchid' weed is present.	
		X	13	On east end one (4) (5) (8) Big Rose recently planted crown of thorn are dead and/or missing and need to be replaced.	
	X	X	11	For a second time the westernmost Alexander palm has been hit by an auto. It is recommended not to replace this palm. Close off bubbler and review Big Rose crown of thorns for replacements (8 +/-).	2/11/15 M&A: (5) 1 gl. Big Rose plants are needed. M&A: 4/15/15 Contractor is trying to locate a nursery supplier. M&A: 06/11/15 Please update status of

Design * Environmental Management * Planning * Arborist

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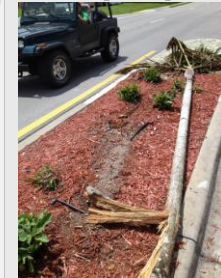
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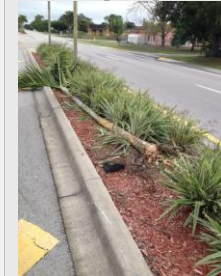
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					plants being located or grown.
Median #7					
Median #8					
Median #9 - Pavers					
Median #10		X		Remove old flower stalks within Society Garlic plants.	
		X	2	'Invasive Ground Orchid' weed is present.	
		X	2	Treat and/or remove grassy type weeds in Mimosa.	
		X	4	At address 5344 & 5327: Jatropha trees have been blown over. Reset, stake and schedule canopy pruning to thinning and structural pruning.	M&A: 06/11/15 Schedule canopy pruning. M&A: 7/14/15 Reset staking.
		X	10	Provide estimate to replace missing Society garlic plants. (6) 1 gal. size.	
		X	23	At address 5291: Eight dead Coontie/Zamia need to be replaced. Please provide replacement plants at 3 gal. container size 16" ht./spr. One dwarf Bougainvillea 'Helen Johnson' plant is missing. Replant with 3 gal size.	Hannula 1/10/14: Estimate #14-0006 submitted. Staff approved 1/13/14.
		X	25	At address 5254: Five dead Coontie/Zamia need to be replaced. Please provide replacement plants at 3 gal. container size 16" ht./spr.	Hannula 1/10/14: Estimate #14-0006 submitted. Staff approved 1/13/14.
Median #11 Bridge		X		Remove volunteer Canna plant from within Sand cordgrass.	
Median #12		X	2	'Invasive Ground Orchid' weed is present.	
		X	12	Auto accident (1) Alexander palm needs to be replaced.(photo)	Provide estimate for replacement.
Median #13		X	10	(4) missing Society garlic plants.	Provide estimate for replacements at 1 gal. size. M&A 5/14/15: Additional plants are declining and/or missing review and provide count for replacements.
Median #14		X	8	Alexander palm destroyed due to auto accident. (photo)	M&A: 06/11/15 update status of replacement.
R/W Areas					
Hunter Blvd. - All locations		X	2	Eulophia graminea 'Invasive Ground Orchid' is present in multiple medians. Continue on a weekly basis to spray with contact herbicide containing tracer.	
		X	4	Schedule all Jatropha trees for a thinning and structural pruning. Please notify our office so that we can be present at the first pruning.	
Median #1					
Median #2		X	10	(1) Big Rose plant is dead.	Provide estimate for replacement at 1 gal. size. M&A: 4/15/15 Contractor is trying to locate a nursery supplier.

Comment [MAM1]:



Comment [MM2]:



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		X	23	Lantana plantings being removed and replaced with Juniper, Big Rose or Flax lily due to prior flood damage.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to replant this median with Big Rose as planned. It was not washed over during the street flooding. Update estimate for replanting. M&A: 4/15/15 Contractor is trying to locate a nursery supplier. M&A: 06/11/15 Please update status of plants being located or grown.
Median #3		X	19	9/13 roadway flooding washed away soil, uprooted plants and left plants with root exposure. The current estimated plant lose is south end 30 Lantana, 54 Big Rose and 4 Blueberry flax lily plants will need to be replaced. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
		X	21	Lantana plantings being removed and replaced with Juniper, Big Rose or Flax lily due to prior flood damage.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
Median #4		X	21	9/13 roadway flooding washed away soil, uprooted plants and left plants with root exposure. The current estimated plant lose is south end 30 Lantana plants will need to be replaced. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to remulch median it did not get washed over in the last flood event. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
		X	23	Lantana plantings being removed and replaced with Juniper, Big Rose or Flax lily due to prior flood damage.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to replant this median with Big Rose, Juniper or Flax Lily as planned. It was not washed over during the street flooding. Update estimate for replanting. M&A: 1-15-15 Remove Lantana on north end. M&A: 3-10-15 Lantana removed. M&A: 4/15/15 Contractor is trying

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					to locate a nursery supplier. M&A: 06/11/15 Please update status of plants being located or grown.
Electric meter- 22nd Pl. S.W.					
Median #5 Pump station – Median #5, 7.5 hp, 8" well feeds Hunter & Coronado, G.G. Pkwy. median #12 Irrinet #34 controls Piccolos		X	2	Treat and/or remove grassy type weeds in Mimosa.	
		X	23	Due to the poor performance it is recommended to remove remaining Coontie plants on each side of the pump station and then install (8) 7 gal. 'Helen Johnson' dwarf Bougainvillea shrubs. 5 to the south and 3 to the north. Review and treat Coontie for scale insects. Please provide replacement plants at (8) 3 gal. container size 16" ht./spr.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 10-16-14 It is recommended to replant this median with dwarf Bougainvillea as planned. It was not washed over during the street flooding. Update estimate for replanting. M&A: 4/15/15 please update status of replacement recommendation.
Median #6		X	3	Remove old flower stalks within Society Garlic plants.	
		X	3	Remove stakes and braces on Alexander palms on south end of median.	
		X	17	At address 2036: Auto accident. (23) (6) Firebush and one Crape myrtle damaged and need to be replaced. (photo)	M&A: 4/15/15 Recommend Crape myrtle replacement go forward.
		X	23	9/13 roadway flooding washed away soil, uprooted plants and left plants with root exposure. The current estimated plant lose is south end 60 Lantana, @ 2148 24-Muhly grass, @ 2116 50-Muhly grass, @ 2100 14-Helen Johnson Bougainvillea and 6-Ms. Alice Bougainvillea plants will need to be replaced. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
		X	23	At address 2148-2164: Due to 9/13 flooding Muhly grass planting will need to be reviewed for replacements. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
		X	23	At address 2100-2116: Due to 9/13 flooding Muhly grass planting will need to be reviewed for replacements. Due to past flooding additional top dress soil will need to be applied to some	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee

Comment [MAM3]:



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				areas in the median when replanting.	approval. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
		X	21	At address 2072: Due to 9/13 flooding Muhly grass planting will need to be reviewed for replacements. Due to past flooding additional top dress soil will need to be applied to some areas in the median when replanting.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
		X	21	At address 2090-2100: Remove remaining Coontie and replant with (12) 'Helen Johnson' dwarf Bougainvillea 3 gal. size. (5) Coontie are missing and/or dead and need to be replaced. 3 gal. size plants.	Hannula: Revised estimate #13-3405 submitted on 12/20/13, M&A: Estimate pending Committee approval. M&A: 4/15/15 Replanting project on hold until storm water system improvements are completed.
Median #7		X	2	'Invasive Ground Orchid' weed is present.	
		X	11	Review and treat as needed Big Rose plants for fungus and/or insect (i.e leaf spot, snails)	M&A: 10-16-14 Treat all plants for snails. Snails were found in multiple plants. (6) plants are dead or heavily damaged. M&A: 4/15/15 Retreat plants for snails and treat for leaf spot fungus. M&A: Comments were accidentally removed from last report.
Median #8		X		On east end of median remove volunteer weeds and Muhly grass from within Flax lily.	
Median #9		X	22	See COMMENTS column. At address 5481: Review Lantana on west end for replacements. 8 plants need to be replaced. 4 white, 4 Lavender. 3 gal. or 8" basket size if available.	M&A: 12 -12 1-13 If the Lantana plantings are to be replaced then it is recommended the median be replanted with Big Rose Crown of thorn. Hannula 1/10/14; Estimate #14-0007 submitted 01/10/14. Staff approved 1/13/14. It is recommended to remove Lantana due to poor performance and replace with Big Rose Crown of thorn. M&A: 10-16-14 It is recommended to replant this median with Big Rose as planned. M&A: provide estimate to remove Lanatana and install (119) 1 gal. size Big Rose crown of thorns. M&A: 4/15/15 Contractor is trying to locate a nursery supplier. M&A: 06/11/15 Please update

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					status of plants being located or grown.
Median #10		X		'Invasive Ground Orchid' weed is present.	
		X	13	See COMMENTS column. (5) Big Rose crown of thorn are dead and/or missing. Review and provide replacements.	M&A: 10-16-14 Treat plants for snails. (13) plants are now dead and need to be replaced. M&A: 11-13-14 Snails are still present and active. (18) plants are now dead or declined and need to be replaced. 1 gal. size.
Median #11		X	3	Remove old flower stalks within Society Garlic plants.	
Median #12					
R/W Areas					
				<u>QUARTERLY ADDRESSED</u>	
Fertilization:		X	3	See fertilization schedule below for August requirements.	
General Irrigation:	X	X	8	If the Bermad pulse counter is working then request from Darryl's office to contact the County Irrigation Project Manager to set the maximum flow per week at 25,000 gallons at which time an alarm will be sent to Hannula Landscaping.	M&A: 4/15/15 Please update status. M&A: 8/13/15 Based upon our current understanding of the County's Irrigation Central Control System upgrades and reprogramming we recommend this request be put on hold. Comment will be removed from future reports.

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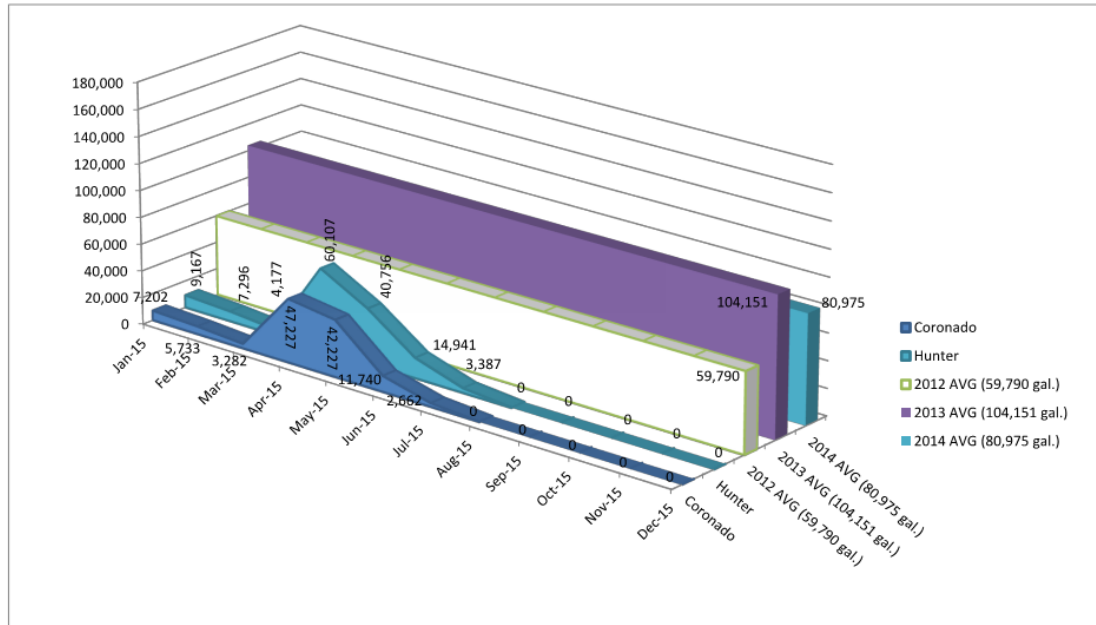
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GG MSTU Coronado - Hunter, Well Annual Water Use for 2015



Water Use Goal:

(1.82 ac. of Plants)

Recommended: Supplemental watering rate of .5 or less inches per week. One half inch per week equals 24,846 gallons per week or 99,384 gallons per month.

2012 total water use: 717,484 gallons or 14.44 inches of supplemental water pumped.

2013 total water use: 1,249,815 gallons or 25.15 inches of supplemental water pumped.

2014 total water use: 971,704 gallons or 19.66 inches of supplemental water pumped.

8/1/2015

GOLDEN GATE MSTU FY 14-15 RECOMMENDED FERTILIZATION SCHEDULE - HUNTER BLVD. & CORONADO PKWY.			
Plant Type	Palm Trees	Large Canopy Trees	Canopy Trees, Shrubs & G.C., Blooming Plants/ Bougainvillea
Month			
Jan-15			
Feb-15			
Mar-15			
Apr-15			
May-15	8-2-12-180 (Florikote Collier Palm Blend) Alexander palms: 4 lbs. per palm, Purotis palms: 10 lbs. per palm, Foxtail palms: 5 lbs. per palm (13- 50 lb. bags)	8-2-12-180 (Florikote Collier Palm Blend) 48-Oaks, 14-Crape Myrtles 4 lbs. per tree (5-50 LB. Bags)	8-2-12-180 (Florikote Collier Palm Blend) 15 lbs. per 1000 S.F. (21-50 LB. Bags)
Jun-15			
Jul-15			
Aug-15	0-0-22 SPM 1 lb. per 100 S.F. (14- 50 lb. bags)		0-0-22 SPM 1 lb. per 100 S.F. (14- 50 lb. bags)
Sep-15	Place request for October 2015	Place request for October 2014.	Place request for October 2014.
10/1/2014-2015	8-2-12-180 (Florikote Collier Palm Blend) Alexander palms: 4 lbs. per palm, Purotis palms: 10 lbs. per palm, Foxtail palms: 5 lbs. per palm (13- 50 lb. bags)	8-2-12-180 (Florikote Collier Palm Blend) 48-Oaks, 14-Crape Myrtles 4 lbs. per tree (5-50 LB. Bags)	8-2-12-180 (Florikote Collier Palm Blend) 15 lbs. per 1000 S.F. (21-50 LB. Bags)
Nov-14			
Dec-14			
Do not fertilize Sabal palms.			
Optional: Add to pest and/or disease control sprays for shrubs and turf: Ferronac AC 15-0-0 plus 6% iron, 3% sulfur @ 1.5 gal./100 gal. H2O. Do not apply to any flower buds or blossoms in flower.			