#### RESOLUTION NO. 2018-56

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARINA AMENDING THE RATE ADJUSTMENT CALCULATION OF THE FRANCHISE AGREEMENT WITH GREEN WASTE RECOVERY UTILIZING A SECTOR SPECIFIC UNIFORM PERCENTAGE ADJUSTMENT AND APPROVING MAXIMUM RATES TO BE CHARGED BY GREENWASTE RECOVERY EFFECTIVE JULY 1, 2018 FOR COLLECTION OF FRANCHISED SOLID WASTE, RECYCLING, AND ORGANICS.

WHEREAS, the City of Marina entered into a franchise agreement with GreenWaste Recovery (GWR) on August 19, 2014 for solid waste, recycling, and organics collection services for the period of August 1, 2015 through July 31, 2030, and;

WHEREAS, Section 8.2 of the Franchise Agreement describes the process for an automatic annual adjustment to maximum customer rates on July 1 of each year, based on agreed upon cost indices, changes in tipping fees as the Monterey Regional Waste Management District, and the actual tonnage for materials collected by GWR, and;

WHEREAS, the application of the formulas required by the Franchise Agreement results in different rate increases for each and every service level and category, and;

WHEREAS, consistent with the provisions of Section 8.2C of the franchise agreement, both the City and GWR have agreed on an alternative approach that adjusts rates by the same percentage for all customers within each sector of customers, thereby preserving the current relationship and structure of the rates within each sector to one another, and;

WHEREAS, City staff and third-party consultant, HF&H, have reviewed GWR's calculation of the rate adjustments and finds the calculations to be accurate and consistent with the methodology and requirements of the franchise agreement, and;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Marina hereby resolves to approve the rates in Exhibit A that incorporate a 5% increase to all single family residential maximum rates; an 3.8% adjustment to all commercial solid waste, recycling, and organics maximum rates; and, an 2.2% adjustment to all roll-off maximum rates authorized to be charged by GWR under the Franchise Agreement, effective July 1, 2018.

PASSED AND ADOPTED by the City Council of the City of Marina at a regular meeting duly held on the 5<sup>th</sup> day of June 2018, by the following vote:

AYES: COUNCIL MEMBERS: Amadeo, Morton, O'Connell, Brown, Delgado NOES: COUNCIL MEMBERS: None ABSENT: COUNCIL MEMBERS: None ABSTAIN: COUNCIL MEMBERS: None

ATTEST:	Bruce C. Delgado, Mayor
Anita Sharp, Deputy City Clerk	

Service Level	Solid Waste	Recycling	Organics
Curbside 32 Gallon	\$16.54	Included	Included
Curbside 64 Gallon	\$20.74	Included	Included
Curbside 96 Gallon	\$23.55	Included	Included
Curbside Low Income	\$14.18	Included	Included
Curbside Senior Rate	\$8.35	Included	Included

Commercial/Multi-Family Solid Waste Collection Rates						
	Frequency					
Service Level	1x/week	2x/week	3x/week	4x/week	5x/week	6x/week
32-Gallon Cart	\$17.84	\$36.38	\$54.58	\$72.77	\$90.97	\$109.15
64-Gallon Cart	\$34.21	\$69.78	\$104.66	\$139.55	\$174.44	\$209.33
96-Gallon Cart	\$44.09	\$89.94	\$134.90	\$179.87	\$224.84	\$269.81
1-Cubic Yard Bin	\$95.61	\$195.05	\$292.59	\$390.11	\$487.64	\$585.16
2-Cubic Yard Bin	\$190.24	\$388.08	\$582.11	\$783.29	\$970.19	\$1,164.23
3-Cubic Yard Bin	\$285.75	\$582.93	\$874.40	\$1,165.85	\$1,457.32	\$1,748.79
4-Cubic Yard Bin	\$380.90	\$777.04	\$1,165.57	\$1,554.09	\$1,942.62	\$2,331.13
6-Cubic Yard Bin	\$449.98	\$917.97	\$1,376.95	\$1,835.93	\$2,294.92	\$2,753.89
8-Cubic Yard Bin	\$600.00	\$1,224.00	\$1,836.00	\$2,448.01	\$3,060.01	\$3,672.02
2-Cubic Yard Compactor	\$231.97	\$471.54	\$707.31	n/a	n/a	n/a
3-Cubic Yard Compactor	\$348.34	\$708.12	\$1,062.18	n/a	n/a	n/a
4-Cubic Yard Compactor	\$464.36	\$943.97	\$1,415.94	n/a	n/a	n/a

Commercial/Multi-Family Recycling Collection Rates							
	Frequency						
Service Level	1x/week	2x/week	3x/week	4x/week	5x/week	6x/week	
64-Gallon Cart	\$5.13	\$10.47	\$15.70	\$20.93	\$26.16	\$31.40	
96-Gallon Cart	\$6.61	\$13.49	\$20.24	\$26.98	\$33.72	\$40.47	
1-Cubic Yard Bin	\$14.34	\$29.25	\$43.89	\$58.52	\$73.14	\$87.77	
2-Cubic Yard Bin	\$28.53	\$58.21	\$87.32	\$117.49	\$145.53	\$174.63	
3-Cubic Yard Bin	\$42.86	\$87.44	\$131.16	\$174.88	\$218.60	\$262.32	
4-Cubic Yard Bin	\$57.13	\$116.55	\$174.84	\$233.12	\$291.39	\$349.67	
6-Cubic Yard Bin	\$67.50	\$137.70	\$206.54	\$275.39	\$344.23	\$413.09	
8-Cubic Yard Bin	\$90.00	\$183.60	\$275.40	\$367.20	\$459.01	\$550.81	
2-Cubic Yard Compactor	\$23.09	\$47.34	\$71.01	n/a	n/a	n/a	
3-Cubic Yard Compactor	\$34.70	\$71.12	\$106.69	n/a	n/a	n/a	
4-Cubic Yard Compactor	\$46.25	\$94.80	\$142.20	n/a	n/a	n/a	

Commercial/Multi-Family Food Waste Collection Rates						
		Frequency				
Service Level	1x/week	2x/week	3x/week	4x/week	5x/week	6x/week
64-Gallon Cart	\$25.66	\$52.33	\$78.50	\$104.66	\$130.83	\$156.99
96-Gallon Cart	\$33.07	\$67.45	\$101.18	\$134.90	\$168.63	\$202.35
1-Cubic Yard Bin	\$71.71	\$146.29	\$219.43	\$292.59	\$365.73	\$438.87
2-Cubic Yard Bin	\$142.67	\$291.06	\$436.59	\$587.46	\$727.64	\$873.18

COMMIC	cial/Multi-Fan	my raid	111111111111111111111111111111111111111	35 Collect	ion kates	<u> </u>
			Freq	uency		-
Service Level	1x/week	2x/week	3x/week	4x/week	5x/week	6x/week
64-Gallon Cart	\$25.66	\$52.33	\$78.50	\$104.66	\$130.83	\$156.99
96-Gallon Cart	\$33.07	\$67.45	\$101.18	\$134.90	\$168.63	
1-Cubic Yard Bin	\$71.71	\$146.29	\$219.43	\$292.59		
2-Cubic Yard Bin	\$142.67	\$291.06	\$436.59	\$587.46		<u> </u>
3-Cubic Yard Bin	\$214.31	\$437.20	\$655.80	\$874.39	\$1,092.99	\$1,311.59
4-Cubic Yard Bin	\$285.68	\$582.78	\$874.18			\$1,748.35
6-Cubic Yard Bin	\$337.49	\$688.48	\$1,032.71		\$1,721.19	
8-Cubic Yard Bin	\$450.00	\$918.00	\$1,377.00			

Roll-Off Collection Rates (Per Pull)						
	Material					
Service Level	MSW REC YT C&D					
10 YD	\$286.95	\$214.94	\$214.94	\$286.95		
20 YD	\$413.45	\$214.94	\$214.94	\$413.45		
30 YD	\$539.97	\$214.94	\$214.94	\$539.97		
40 YD	\$666.48	\$214.94	\$214.94	\$666.48		
Roll-Off Compactor (Any)	\$999.72	\$214.94	N/A	N/A		
Per Ton	\$72.94	-\$47.06	\$47.06	\$72.94		

Additional Service Rates					
Service	Sector	Charge Per Event			
Cart Rental - All Sizes	RES	\$3.27			
Cart Replacement	RES	\$65.50			
Re-Delivery or Re-Start	RES	\$27.29			
Cart Cleaning	RES	\$27.29			
Non-Scheduled Collection	RES	\$20.74			
Difficult to Service Cart	СОМ	\$1.09			
Difficult to Service Bin	COM	\$3.27			
Locking Bin	СОМ	\$54.58			
Cart Replacement	СОМ	\$65.50			
Cart Cleaning	COM	\$27.29			
Bin Swap- Cleaning or Repainting	СОМ	\$81.87			
Bulky - Recyclable	RES/COM	\$21.83			
Bulky - Non Recyclable	RES/COM	\$27.29			
Bulky - Event	RES/MFD	\$32.75			
Covered Box	RO	\$81.87			
Driver Time per Hour	RO	\$120.08			
Dry Run or Relocation	RO	\$81.87			
Extra Days	RO	\$27.29			

<sup>\*</sup>Note:All rates charged monthly unless stated otherwise



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Robert D. Hilton, Emeritus John W. Farnkopf, PE Laith B. Ezzet, CMC Richard J. Simonson, CMC Marva M. Sheehan, CPA Robert C. Hilton, CMC

May 7, 2018

Mr. Brian McMinn Public Works Director City of Marina

Sent via E-mail

Subject: Review of GreenWaste Recovery's 2018/19 Rate Request

Reference Number: S5032

Dear Mr. McMinn:

HF&H Consultants, LLC (HF&H) was retained by the Monterey Regional Waste Management District (District) to assist with a review of GreenWaste Recovery's (GWR) request for an adjustment to customer rates, effective July 1, 2018, submitted to the City of Marina (City) on February 14, 2018. This report presents our findings and recommendations.

# **EXECUTIVE SUMMARY**

Our review of the rate request has determined that the rates have been calculated in accordance with procedures outlined in Exhibit E1 of the Franchise Agreement between the City and GWR, which commenced July of 2015 (Agreement). This approach results in different percentage rate adjustments for each individual level of service. Section 8.2.D of the Franchise Agreement allows the City and GWR to adjust the relationship of rates without an Amendment to the contract, subject to mutual agreement. For FY 16/17, the parties agreed on sector-based weighted average approach to determine a single percentage adjustment for all rates charged to customers in a given sector (residential, commercial, roll-off). That approach has also been used to calculate proposed rates for FY 18/19.

In anticipation of the District's potential tip fee adjustments, HF&H has reviewed the rate calculations with two different options. Should the City wish to adopt rates under the assumption of no rate increase, HF&H recommends approving the "Without Tip Fee Increase" percentage adjustment illustrated in the table below. Assuming that the District's Board of Directors approves the proposed tip fee adjustment at the 2018 Board meeting to be held in April/May, HF&H recommends approving the "Proposed Tip Fee Increase" (based on an MSW tipping fee of \$62.00, Yardwaste tipping fee of \$40.00, Food Scraps tipping fee of \$54.00, and a recyclables credit of \$40.00) percentage adjustment illustrated in the table below.



Mr. Brian McMinn May 7, 2018 Page 2 of 5

	Marina				
	Without Tip Fee Increase	Proposed Tip Fee Increase			
Residential	1.5%	5.0%			
Commercial Solid Waste					
Commercial Recycling	1.6%	3.8%			
Commercial Food Waste					
Roll-Off	2.2%	2.2%			

### BACKGROUND

In 2012, the City, participating with other members of the District, issued a competitive request for proposals for collection services and entered into the new Agreement with GWR effective July 1, 2015. The Agreement provides for the following, related to the adjustment of rates:

- Rates are to be adjusted annually throughout the term of the agreement, using various inflationary indices, actual tonnage, and changes in the tipping fees at the Monterey Regional Waste Management District, unless either the City or GWR request a cost-based review (as defined in Exhibit E2 to the franchise agreement);
- The City and GWR may mutually agree upon alternative approaches to structuring rates without amendment to the agreement (Section 8.2.D); and,
- In FY 16/17 parties agreed upon a "Sector Based Weighted Average" methodology which has been carried into this year's analysis below.

#### RATE CALCULATION REVIEW

#### **HF&H Scope of Work**

HF&H performed this review of the rate request in accordance with Exhibit E1 of the Agreement. These procedures included:

- 1. A review of GWR's rate request for completeness and compliance with the procedures contained in Exhibit E1 of the Agreement.
- A review of GWR's rate request for mathematical accuracy and logical consistency to determine that
  the rate request is mathematically correct, that the rows and columns of numbers add down and
  across as intended, and that the stated assumptions were, in fact, used. In addition, to determine
  that the rate request is internally consistent and that any summary schedules agree to the supporting
  schedules and worksheets.
- 3. Verification of the inclusion of the franchise fee calculation in the adjustment.
- Verifying contract compliance with regard to:
  - a) The indices used in the adjustment;



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- b) The weighting of those indices;
- c) The tip fees reported for the disposal/processing components of the rates;
- d) The use of quarterly-reported tonnage data and allocations among agencies. A detailed audit of tonnage and allocations of tonnage reported by GWR was not a part of this scope of work. HF&H discussed GWR's allocation methodology with them and the methodology appears reasonable and consistent with standard practices within the industry; and,
- e) Any changes in governmental fees on the fee component of the rates; and, the accurate application of the resultant percentage changes in the various rate components to the rate schedules approved by each agency through the franchise agreements.

### Review of Rate Request

#### **Preliminary Application Review**

HF&H reviewed GWR's rate application based on the rate setting methodology approved in the prior year. Some base components of the rates submitted were found to be inconstant with the rates approved in the prior year. In addition, some of the methodology used to calculate the coming year's rates were inconsistent with the methodology approved in the prior year, HF&H worked with GWR staff to correct these issues and a new rate application was submitted.

We have reviewed the corrected rate application and found that the company prepared the application consistently with the methodology approved in the prior year.

#### Review of Operating Component

There are three rate components to GWR's rate request: 1) calculation and application of the Operating Component Factor (OCF) as prescribed in the Agreement; 2) the respective disposal and/or processing component of each rate; and, 3) the Agency Franchise Fee.

There are three indices used to determine the OCF: the CPI, the fuel index, and the labor index. The annual percent change in each of the indices used to calculate the OCF are described in the table below.

The GWR rate application documents the calculation of the annual percentage change, as well as the weighting factors used for each index, and then calculates the final OCF of 2.9% for the City.

	Index %	Weighting %	Weighted Index
Labor Costs (ECI)	2.5%	26.9%	0.7%
Fuel Costs	0.0%	4.7%	0.0%
Other Costs (CPI)	3.2%	68.4%	2.2%
TOTAL		100%	2.9%

Note: Numbers may not calculate exactly due to rounding



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### Review of Disposal/Processing Component

The disposal and processing component(s) are based on the difference between the most recent 12 month period available at the time of submission (January 2017 through December 2017) and the tonnage approved in the prior year's rate setting process (March 2016 through February 2017). For this review we compared these periods rather than using full 12 month over 12 month periods due to the fact that GWR tonnage data was not available for that full time period in the prior year's rate setting process. For FY 19/20 rates, the data will be available to perform this calculation consistent with the Franchise Agreement. While the data to perform this calculation consistent with methodology described in the Franchise Agreement was available, because the tonnage approved in the prior year's rate setting process formed the basis of the current rates, it was necessary to continue to use those figures as the basis of this rate setting process.

The disposal and processing components also consider the tipping fees charged by the District. In the rate setting process for 17/18 rates, estimates of new tipping fees were included in the rate setting process. Those rates were compared to the actual rates set by the District in this year's rate setting process. At the time of this writing, no tipping fee changes have occurred for FY 18/19, but they are expected for the upcoming fiscal year. The District has presented potential tip fee increases of \$6.00 on top of the current MSW tipping fee, \$7.50 on top of the current Yardwaste tipping fee, and \$8.50 on top of the current Food Scraps tipping fee. If those tip fee changes are approved, the customer rates should be adopted based on the appropriate scenario described here. Based on discussions at the District meeting on April 20<sup>th</sup>, the District recommends including these increased tip fees into the rate adjustment. Should the actual adopted tip fees be greater or lesser than the level of increases described here there is a mechanism in the rate setting process which will correct for any variances in this year's projection in the following year's rate adjustment.

This year the District's C&D processing line was not in operation for a significant portion of the calendar year due to upgrades. This led to the reclassification of C&D tons to MSW. In this reclassification it became apparent that the sector blending rate adjustment results were distorted due to Roll-off tons being included in the year over year tonnage change where C&D tonnage would not have been included. As a result GWR has agreed to remove the Roll-off sector's tons from the calculations, resulting in lower disposal and processing components. The following table describes the changes in the City's tonnage for each material type.

	PY Approved March 2016- February 2017	January - December 2017	% Change in Tonnage
Solid Waste	9,803.3	9,471.1	-3.4%
Recycling	2,379.8	2,296.6	-3.5%
Yard Trimmings	1,101.8	1,202.7	9.2%
Food Waste	154.2	154.4	0.1%
C&D	1,430.5	344.8	-75.9%



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## **Review of Fee Component**

The final step of the rate adjustment process is to ensure that the fee component of each rate matches the contractual percentage of 15% for fees remitted to the City by GWR.

We would like to express our appreciation to GWR staff for their timeliness, assistance, and cooperating in this process. Should you have any questions, please call me at 925/977-6959 or <a href="mailto:rchildownbeft-consultants.com">rchildom@hfh-consultants.com</a>.

Sincerely,

HF&H CONSULTANTS, LLC

Rob Hilton, CMC President May 21, 2018 Item No. 8g(1)

Honorable Mayor and Members of the Marina City Council

City Council Meeting of June 5, 2018

CITY COUNCIL CONSIDER ADOPTING RESOLUTION NO. 2018-, AMENDING THE RATE ADJUSTMENT CALCULATION OF THE FRANCHISE AGREEMENT WITH GREEN WASTE RECOVERY UTILIZING A SECTOR SPECIFIC UNIFORM PERCENTAGE ADJUSTMENT AND APPROVING MAXIMUM RATES TO BE CHARGED BY GREENWASTE RECOVERY EFFECTIVE JULY 1, 2018 FOR COLLECTION OF FRANCHISED SOLID WASTE, RECYCLING, AND ORGANICS.

### **REQUEST:**

It is requested that the City Council consider:

1. Adopting Resolution No. 2018- amending the rate adjustment calculation of the franchise agreement with Green Waste Recovery utilizing a sector specific uniform percentage adjustment and approving maximum rates to be charged by Green Waste Recovery effective July 1, 2018 for collection of franchised solid waste, recycling, and organics.

### **BACKGROUND:**

On August 19, 2014, the City Council adopted Resolution No. 2014-98, and entered into a new exclusive 15 year Franchise Agreement with Green Waste Recovery (GRW) to provide solid waste, recycling, and organics collection services for the City of Marina. The Agreement provides for automatic annual rate adjustments for GWR's services calculated following either a multi-index rate adjustment methodology or a cost-based rate adjustment methodology.

## **Cost-based Rate Adjustment Methodology**

The cost-based adjustment involves an extensive and detailed review of GWR's actual cost of operations, changes in inflation, the number of customers, and the service level provided and comparing this to actual gross receipts collected to determine GWR's compensation for the current rate period and to forecast the future rates. The cost to perform this review is estimated at \$50,000 - \$100,000 (which cost would be passed onto the rate payer) and was anticipated to be conducted after the first three to five years into the contract.

## **Multi-index Rate Adjustment Methodology**

Each service level rate in the Franchise Agreement rate schedule is comprised of an operating component, disposal/processing component and a fee component. The annual rate adjustment consists of adjusting each of the rate components as follows:

## **Operating Component Factor:**

- Labor Component: Labor costs from the prior year are adjusted by the annual percentage change in the Employment Cost Index (ECI)
- Fuel Component: Fuel costs from the prior year are adjusted by the actual volume of fuel purchased in the prior year and the annual percentage change in the Fuel Index
- Other Component: Non labor/fuel related costs from the prior year are adjusted by the annual percentage change of the Consumer Price Index (CPI)

<u>Disposal/Processing Component</u>: This component is automatically adjusted as a direct pass-through based on MRWMD fees and the City's prior year's tonnages by material type. GWR previously credited \$40.00/ton for recyclable materials with the Recyclable Materials processing credit adjusted annually based on the prior year's tonnage, with no change to the per ton rate. The processing of recyclable materials is now being performed by the new Municipal Recycling Facility (MRF). MRWMD will credit \$40.00/ton to Green Waste on the monthly disposal bill which is passed on to the rate payers.

The disposal and processing component(s) are based on the difference between the City's actual tonnage by material type and what was proposed by GWR in their initial proposal to the City. The disposal and processing components also consider the tipping fee charged by the Monterey Regional Waste Management District (MRWMD). At their meeting on May 18<sup>th</sup>, 2018, the MRWMD Board of Directors preliminarily approved increase on tipping fees charged for solid waste (10.7%), yard waste (23.1%), and food scraps (18.7%). The public hearing on rate increases is scheduled for the June 22<sup>nd</sup>, 2018 MRWMD Board of Directors meeting. These tipping fee increases have been factored into the proposed fee increase for GWR customers. MRWMD rationale for the increased tipping fees is to cover increased operational costs of the MRF and capital costs to build a new landfill module and address compost area storm water regulations.

The following table describes the recent year changes in the City's tonnage for each material type.

	PY Approved	January-	
	Tonnage March 2016-	December 2017	% Change in
	February 2017	Actual Tonnage	Tonnage
Solid Waste	9,803.3	9,471.1	-3.4%
Recycling	2,379.8	2,296.6	-3.5%
Yard Trimmings	1,101.8	1,202.7	9.2%
Food Waste	154.2	154.4	0.1%
Construction & Demolition	1,430.5	344.8	-75.9%

<u>Fee Component</u>: This component is a direct pass through of Franchise fees, calculated as a percent of the total rate by service level.

The rate adjustment for the 2018/2019 fiscal year was conducted using a variation of the multiindex methodology which was distributed across sectors by weighted averages in accordance with the methodology agreed upon in 2016.

The Franchise Agreement stipulates that the City of Marina shall make a good faith effort to approve the accuracy of the calculated rates by June 1 of each year, and such rates shall be effective on each subsequent July 1. This allows noticing all customers of rate increases. If rates are not effective by July 1 due to a delay caused solely by the City of Marina, GWR may retroactively bill customers for the amount of the rate increase. This year's rates were delayed pending the approval of the increase in tipping fees charged by MRWMD.

## **ANALYSIS**:

GWR provided the City, by way of HF&H Consultants (who represents the City), with the annual rate adjustment calculation ("EXHIBIT A"). "EXHIBIT B" is an executive summary from HF&H reporting the finding that the application for the annual rate adjustment by GWR is consistent with the methodology approved in the prior year.

The following table illustrates the proposed adjustment percentage in relation to last year's adjustment:

	2017/2018 Sector Weighted Average	2018/2019 GWR Rate Adjustment per	2018/2019 Sector Weighted Average
		Cost Indices	w/Tipping Fee*
Residential	6.0%	1.5%	5.0%
Commercial Solid Waste	4.8%	1.6%	3.8%
Commercial Recycling	4.8%	1.6%	3.8%
Commercial Organics	4.8%	1.6%	3.8%
Roll-off	2.1%	2.2%	2.2%

<sup>\*</sup>Includes solid waste (10.7%), yard waste (23.1%), and food scraps (18.7%) tipping fee increases by MRWMD

The relatively large increase in the residential sector in relation to other sectors is due to the success of the residential yard trimming program that has resulted in increased diversion of yard trimmings from the landfill. The residential rate increase is a blend of solid waste and yard waste which is seeing the largest tipping fee increase (23.1%).

Staff is recommending the sector based adjustment be used for calculating rates for 2018/2019 in keeping with the methodology approved in 2016.

## **FISCAL IMPACT:**

The FY2016/2017 proposed rate adjustment would have no effect on City expenses, as this is a cost to the rate payers. The Franchise Agreement has a 15% franchise fee of gross receipts. Any rate increase provides a corresponding increase in franchise fee revenue.

## **CONCLUSION:**

City of Marina

Respectfully submitted,

This request is submitted for City Council consideration and possible action.

D: 1/1/1 DE DI G
Brian McMinn, P.E., P.L.S.
Public Works Director/City Engineer

# **REVIEWED/CONCUR:**

Layne Long
City Manager
City of Marina