



**WISDOM
GOOD
WORKS**



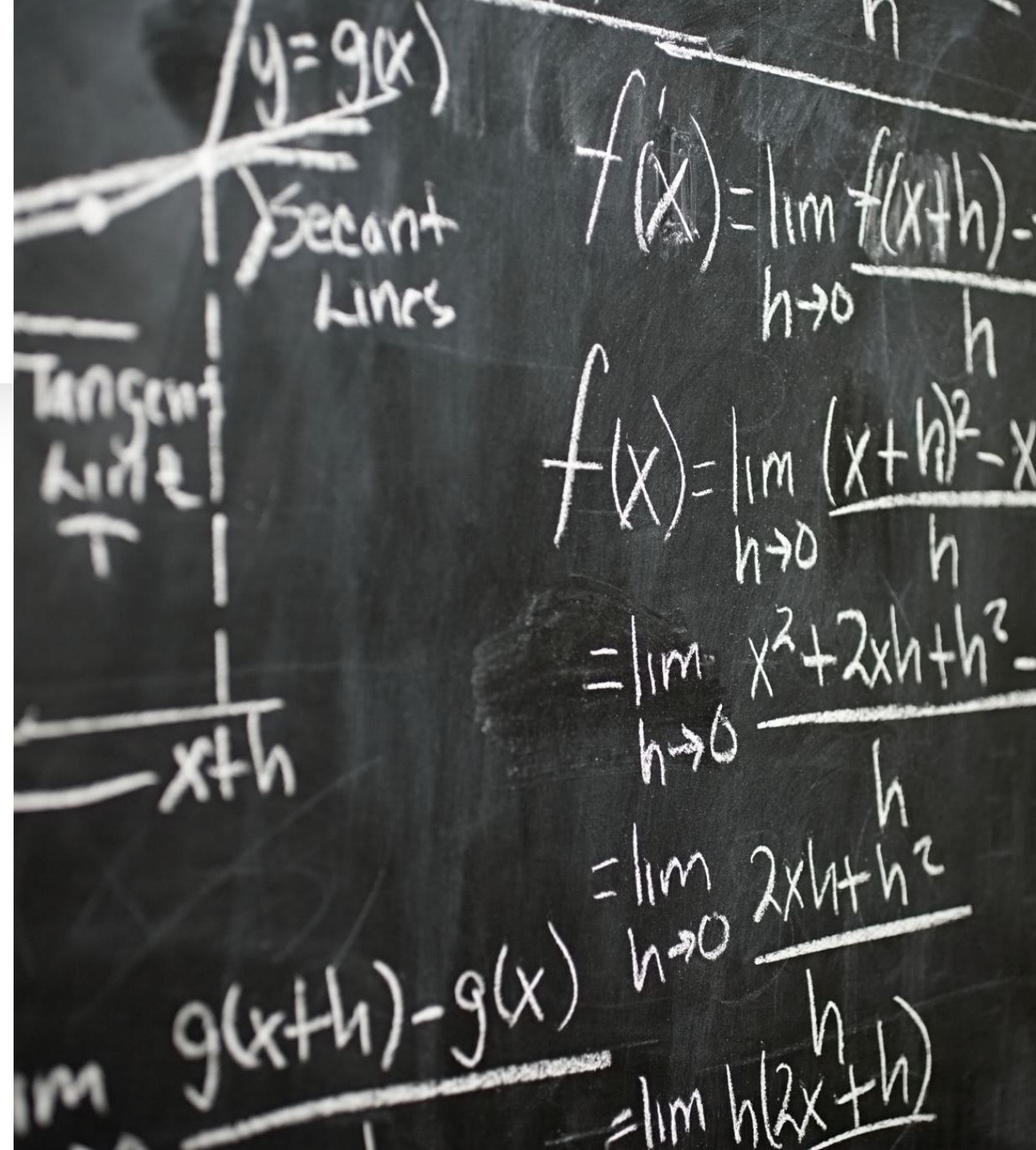
***City of Marco Island
Mackle Park Report***

May 21, 2025

WISDOM: Women In Science Doing Outreach and Mentoring

Why we are doing this: Wisdom Good Works

- We are a nonprofit that is mission driven, not corporate driven
 - Use cutting edge science to improve environmental conflicts
 - Share the data, transparency, go where we are asked
- We know the science and danger signs.
- We know our strategy can succeed from data-driven projects.



Goals and Objectives

✓ New Paradigm

✓ Reduce rodents and improve health

- ✓ Feed them
- ✓ Reduce their numbers
- ✓ Move them to better location
- ✓ Maintain their needs

• Develop “Best Practices” for contraceptive use by Cities and Government Agencies

- Protecting beloved local species while keeping rodent populations in balance
- Reducing environmental harm that is the inevitable biproduct of poison strategies
- The value proposition
 - Scientific data driven
 - Let the rodents do the work
 - Inexpensive for all

How does it work?

Consumption

- Highly attractive

Targets ovaries or testes

- Travels in blood stream for direct targeting

Blocks Reproduction

- Stops ovulation
- Disrupts sperm formation

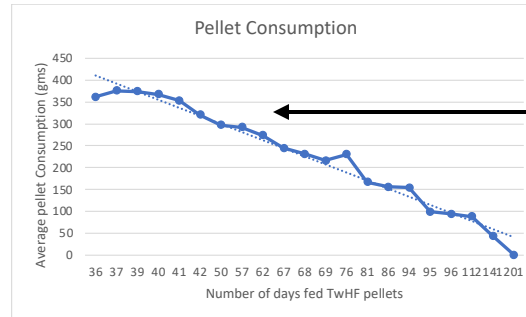
Population Declines

- Monthly

Continue Feeding

- Reduce to maintenance

Data over 3 years



Closed – Bird Aviary
Open - Residential

Pellet Data Analytics -- Total Consumption Grams per Project Period

Aug 1, 2023 - Dec 29, 2024

Project: Jamaica Plain (1)

Service Interval (Days)

Feeder Location

Feeder Name

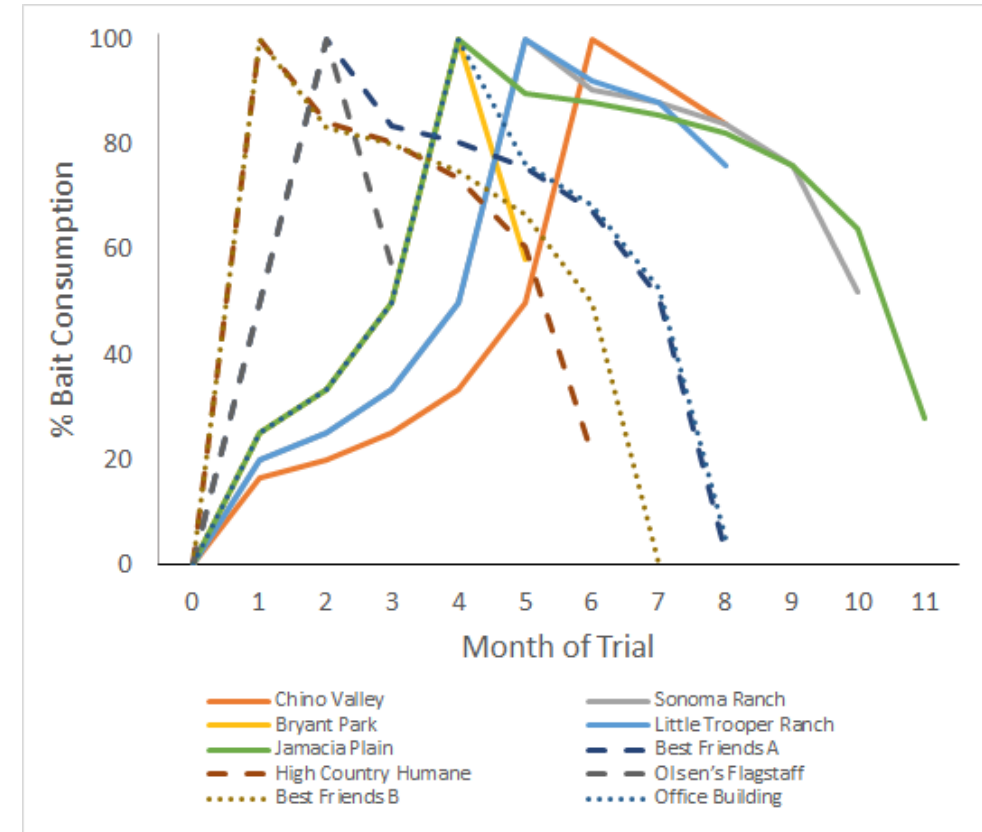
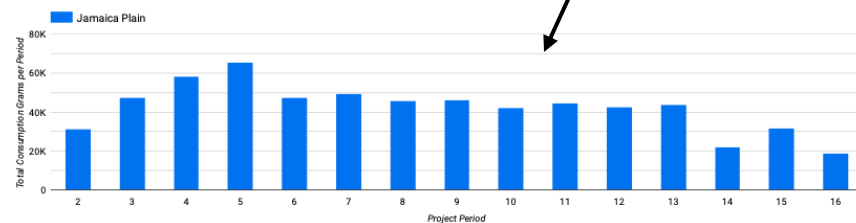
Feeder Type

First Placement?



Consumption Grams
637,125

Project	Service Date	Previous	Interval	Feeder Name	Feeder Type	Arrival Quantity	Final Quantity	Consumption
1. Jamaica Plain	Oct 3, 2024	Oct 2, 2024 9:46 pm	1	69 Sheridan-23	Commercial	100.00%	100.00%	0
2. Jamaica Plain	Oct 3, 2024	Oct 2, 2024 9:46 pm	1	44 Cranston-1	Commercial	100.00%	100.00%	0
3. Jamaica Plain	Oct 3, 2024	Oct 2, 2024 9:46 pm	1	43 Sheridan-22	Commercial	100.00%	100.00%	0
4. Jamaica Plain	Oct 3, 2024	Oct 2, 2024 9:46 pm	1	41 Sheridan-21	Commercial	100.00%	100.00%	0



Monthly Consumption Data

Mackle
Park
10 feeding
stations

Pellet Data Analytics -- Total Consumption Grams per Project Period

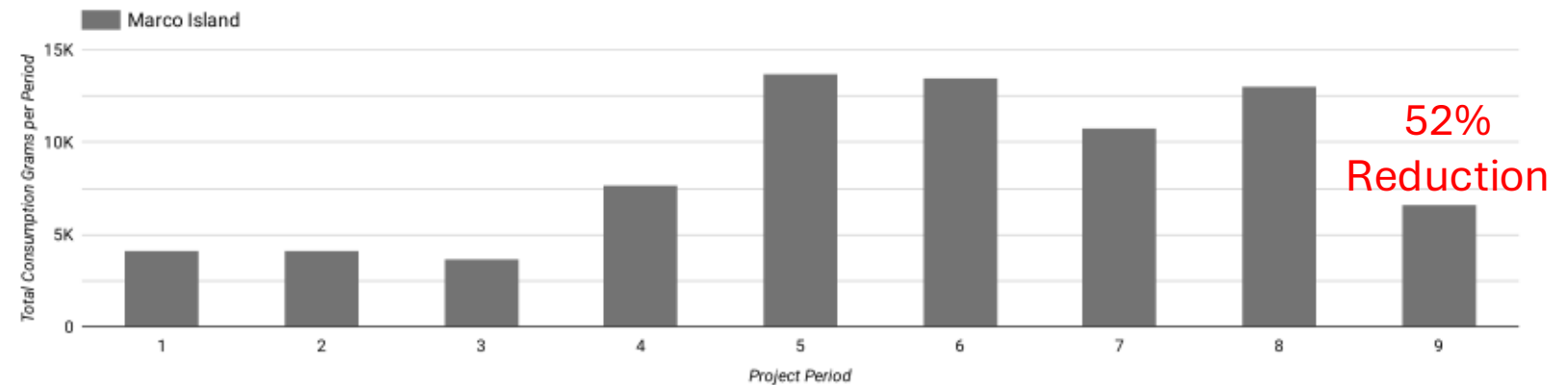


Select date range ▾	Project: Marco Island (1) ▾	Service Interval (Days) ▾
Feeder Location ▾	Feeder Name ▾	
Feeder Type ▾	First Placement? ▾	

Consumption Grams
77,262.5

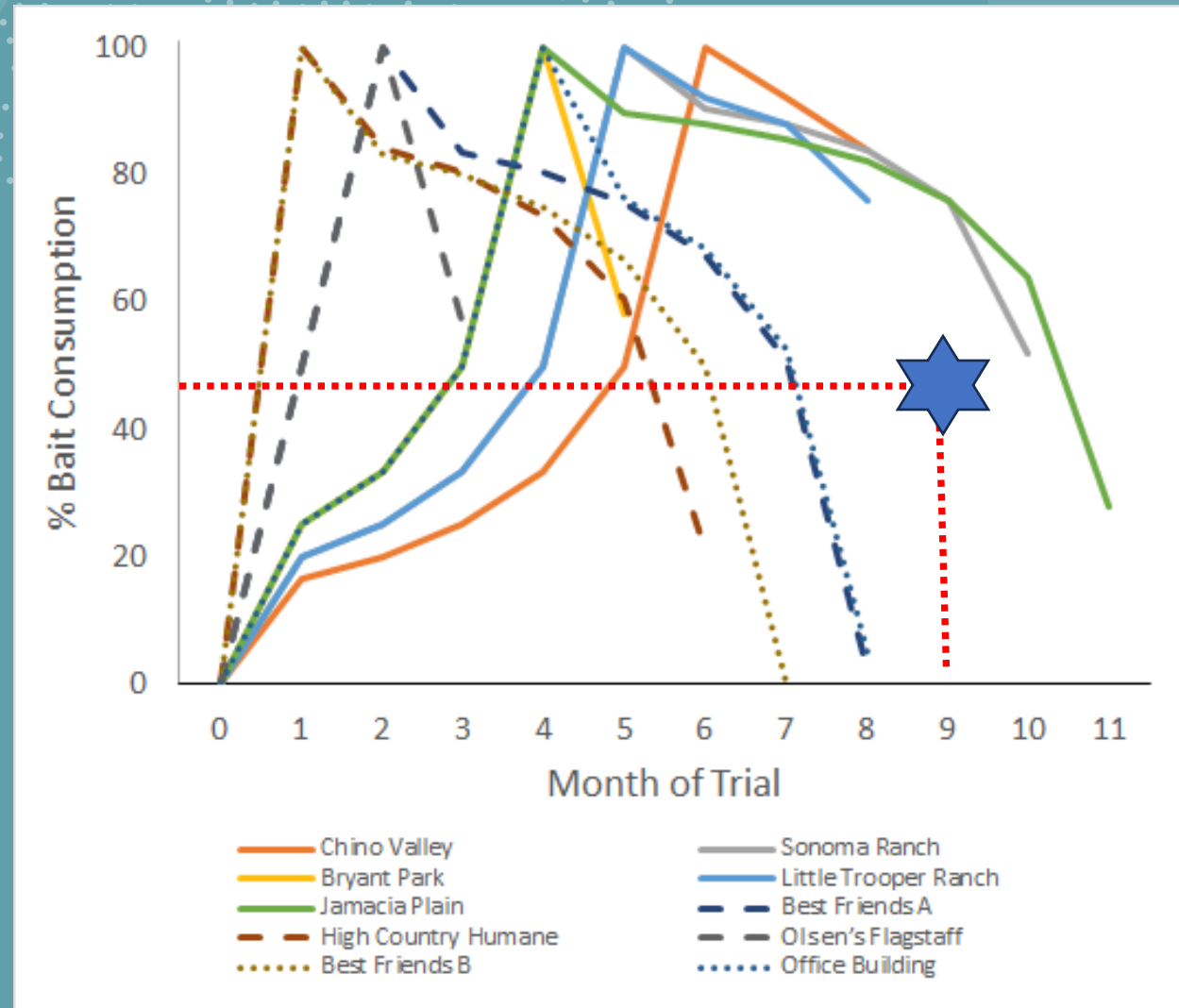
	Project ▾	Service Date ▾	Previous	Interval	Feeder Name	Feeder Type	Arrival Quantity	Final Quantity	Consumption
1.	Marco Island	May 13, 2025	May 6, 2025 8:01 am	7	MP-07	EVO Express	0.00%	100.00%	350
2.	Marco Island	May 13, 2025	May 6, 2025 8:01 am	7	MP-03	EVO Express	0.00%	100.00%	350
3.	Marco Island	May 13, 2025	May 6, 2025 7:54 am	7	MP-02	EVO Express	0.00%	100.00%	350
4.	Marco Island	May 13, 2025	May 6, 2025	7	MP-04	EVO Express	0.00%	100.00%	350

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How Does Mackle Park Data Compare?

- **Faster decline than average other “open migration” studies**
 - Residential
 - Ranch (2)
 - Grain Facility
 - NYC Park

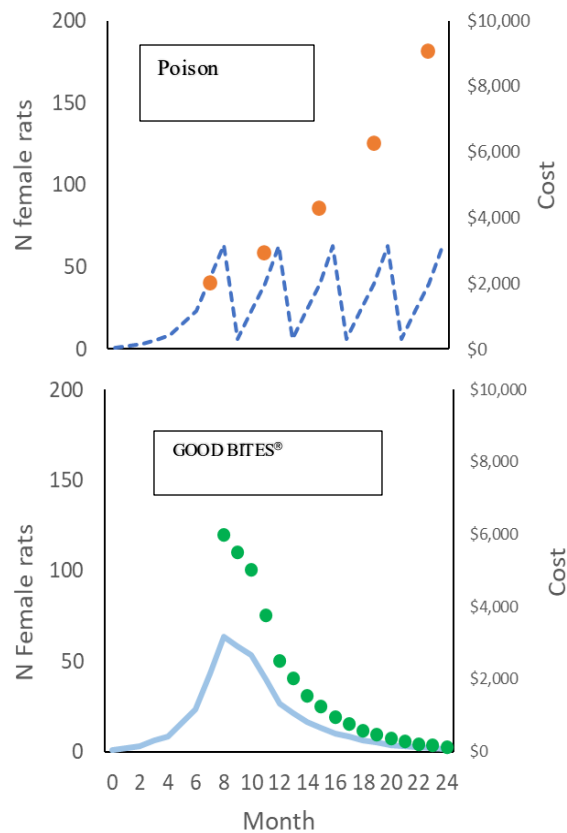


Impact to date: Mackle Park, Marco Island, FL

Our goal in performing this work and collecting the data is to ultimately reveal the impact of using rodent fertility control strategies in island park settings. To that end here are impacts measured to date:

- Population decline: 52% reduction in rodent population facility-wide in 9 months
- Cost of product (Good Bites): Total use 170 pounds, \$11.50/pound, totaling \$1955.00 or **\$217.22/month.** Non-toxic.
 - Current toxic rodent management (poison) cost **\$250 per month.**
- Service: Total service time for the feeding stations as of September 11, 2024, 30 minutes or 3
- minute per feeder including walking per visit.
- Community engagement growing
- Sustainability: Data shows a declining population indicating no rebound. A full capture over the one-year period will provide the definitive data.





Good Bites	COGS	Nonprofit	Wholesale	Retail
Peanut (#PPAPB0100)	\$ 5.01	\$ 6.66	\$ 7.52	\$ 10.02
Peanut Control (#PPIPB01001)	\$ 3.61	\$ 4.80	\$ 5.42	\$ 7.22
Peanut (#PPAPP0100)	\$ 4.87	\$ 6.48	\$ 7.30	\$ 9.74
Peanut Control (#PPIPP01001)	\$ 3.47	\$ 4.62	\$ 5.21	\$ 6.94
Sunflower (#PPASF0100)	\$ 5.75	\$ 7.65	\$ 8.63	\$ 11.50
Sunflower Control (#PPISF01001)	\$ 4.35	\$ 5.79	\$ 6.53	\$ 8.70

Competitive Pricing Model	Product Cost/Pound	Annual Cost	Required Service/mo
Fertility Control Products:			
ContraPest (Liquid)	\$ 47.29	\$ 567.48	\$ -
Evolve (Packets)	\$ 19.99	\$ 239.88	\$ -
Good Bites (Pellets)	\$ 15.50	\$ 186.00	\$ -
Average	\$ 27.59	\$ 331.12	\$ -
Rodenticides:			
Second Gen Anticoagulant	\$ 7.07	\$ 84.80	\$ 250.00
First Gen Anticoagulant	\$ 6.96	\$ 83.52	\$ 250.00
Toxins	\$ 3.25	\$ 39.00	\$ 250.00
Average	\$ 5.76	\$ 69.11	\$ 250.00

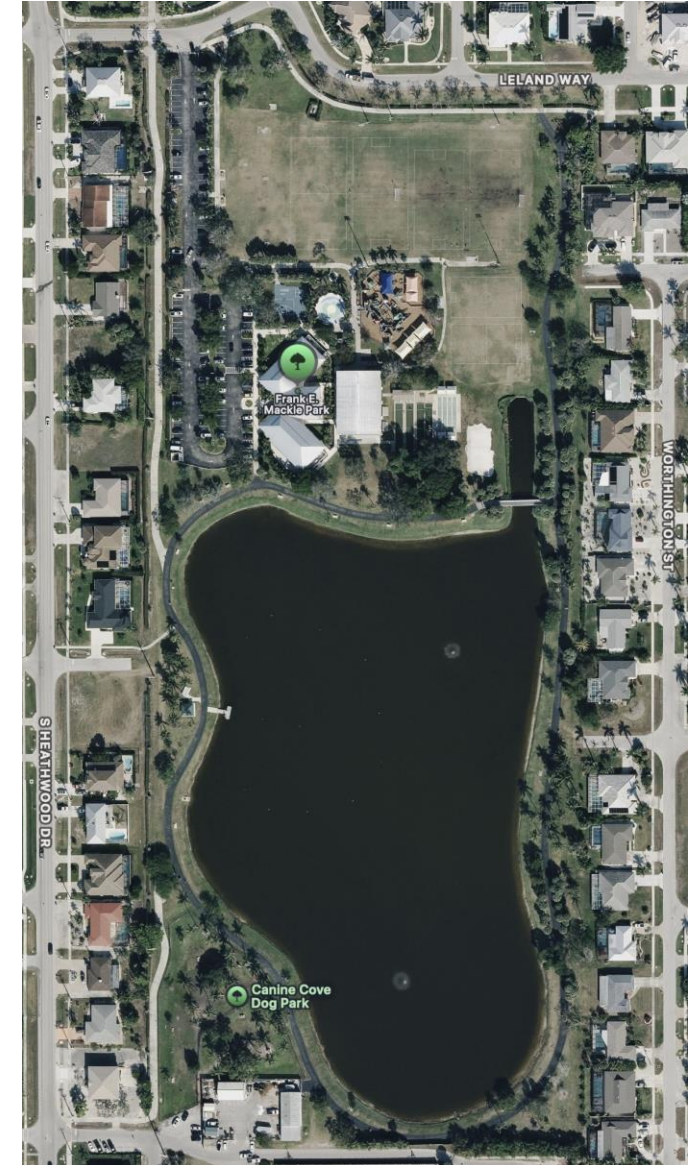


What does it cost, Today?

Fertility control supports Integrated Pest Management

Using Good Bites keeps population growth suppressed – Building Maintenance keeps rodents out of buildings

1. Trash bins should be kept closed and emptied regularly
2. Exclusion measures should be taken by sealing openings in foundations, installing door sweeps, capping open ended pipes
3. Food and water sources should be minimized



What we want from You!

- Poison Free City buildings leads to Poison Free Marco Island – keeping your city safe for all

