## **City Commission Agenda Item Report**

Meeting Date: October 1, 2019 Submitted by: Zachariah Cosner Submitting Department: City Manager

Item Type: Ordinance Agenda Section:

### Subject:

An Ordinance amending Chapter 2, Article V, Sections 2-354—2-380. – Reserved of the City of South Miami Code of Ordinances to create a separate Section 2-354 that establishes standards for use of chemical pesticides and herbicides for the maintenance of City property and to reserved Sections 2-355 through 2-380. 3/5 (Mayor Stoddard)

### Suggested Action:

Passage of Ordinance.

#### Attachments:

Memo-Pesticides\_Ordinance\_10-1.docx

Ord\_re\_Herbicidepesticide\_Second\_Reading\_10-1\_CArev.docx

Attachment A-Acceptable Certified Organic or EPA Minimum Risk Herbicides-Pesticides.docx

MDBR Ad - 10.01.19.pdf



## CITY OF SOUTH MIAMI OFFICE OF THE CITY MANAGER INTER-OFFICE MEMORANDUM

To: The Honorable Mayor & Members of the City Commission

FROM: Steven Alexander, City Manager

DATE: October 1<sup>st</sup>, 2019

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SUBJECT: An Ordinance Amending Chapter 2, Article V, Sections 2-354—2-380. –Reserved

of the City of South Miami Code of Ordinances to create a separate Section 2-354 that establishes standards for the use of chemical pesticides and herbicides for the

maintenance of City property and to Reserved Sections 2-355 through 2-380.

BACKGROUND: Florida ranks as one of the biggest consumers of chemical pesticides in the country.

Many of the most commonly used chemical, pesticides and herbicides may result in significant negative impacts on those administering the chemicals, people exposed

to the treated areas, and the natural environment.

In recognition of the harm which pesticides may cause, some counties and municipalities throughout the state have experimented with various restrictions on the use of herbicides, pesticides and fertilizers in order to reduce their burden on the environment and public health. In 2017, the City of South Miami's Procurement Division drafted a Request for Proposals for a landscaping contract which included a provision that respondents may only utilize' certified organic or EPA minimum risk' products in their maintenance of park and public right of way, in addition to several other measures intended to reduce the use of pesticides.

Thus-far this initiative has been a qualified success, allowing the City to cut down on its waste-footprint significantly at relatively little expense, and providing a model for other local government to use as guidance. While not as efficient as other methods, this system of using reduced harm treatments has proven somewhat effective in its use. This ordinance would codify these environmentally sensitive landscaping practices into policy, ensuring that the City continues to maintain these practices.

The ordinance passed first reading with a unanimous vote of the commission on 9/17/2019, with an amendment to include the word "synthetic" as a modifier to the phrase "chemical pesticides "on line 23 of the ordinance. The same change was also made on lines 14 and 19 of the introductory section to maintain consistency.

**ATTACHMENTS:** 

Ordinance

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COMMISSION OF THE CITY OF SOUTH MIAMI, FLORIDA, THAT:

2	as if fully set forth herein and as the legislative intent of this Ordinance.
3 4 5 6 7	<b>Section 2.</b> Chapter 2, Article V, Sections 2-354—2-380. – Reserved of the City of South Miami Code of Ordinances are hereby amended to read "Sections 2-355-2-380. – Reserved" and to add Section 2-354 to Article V. Section 2-354, that establishes standards for use of chemical pesticides and herbicides for the maintenance of City property, shall read as follows.
8	Sec. 2-354.1 Definitions:
9 10	Chemical Edging: The use of pesticides to control weeds occurring within ½ foot of a tree, structure, or sidewalk.
11 12 13 14 15	Certified Organic or EPA Minimum Risk. Certified Organic or EPA Minimum risk products include those which appear in CFR 205.601 as amended or CFR 205.602 as amended or 40 CFR 152.25(f) as amended. This list may be subject to change based upon changes to the USDA's allowed substances list or EPA's minimum risk product list.
16 17	City Property means, for the purposes of this Section, any property that is owned, operated, managed or controlled by the City.
18 19	City Facility means anything that is built, installed, or established to serve a public purpose on City property, or right-of-way.
20	Sec. 2-354.2 Landscape Maintenance:
21 22 23 24 25 26 27 28 29 30 31 32 33 34	<ul> <li>(a) City staff and contractors shall rely primarily on mechanical removal and integrated pest management strategies that do not rely upon the use of synthetic chemical herbicides or pesticides as a first resort for the control of nuisance vegetation or animals.</li> <li>(b) City staff and contractors shall not use any herbicides or pesticides that do not appear on the approved list of Certified Organic or EPA Minimum Risk Products.</li> <li>(c) City Contractors shall not adopt or implement any program that puts any herbicides or pesticides not on the current EPA approved list of Certified Organic or EPA Minimum Risk Products into use on a regularly recurring schedule without first consulting and receiving approval from the City Manager or the Manager's designee.</li> <li>(d) City staff and contractors shall not use any chemical edging</li> <li>(e) the use of string trimmers shall not be used in sufficient proximity to the</li> </ul>
34 35	(e) the use of string trimmers shall not be used in sufficient proximity to the trunks of trees to cause any scarring of the tree.
36 37 38 39	<b>Section 3. Severability.</b> If any section, sentence, clause or phrase of this Ordinance shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance but they shall remain in effect.

City's Code of Ordinances, and the sections. Subsections and paragraphs of this Ordinance may be renumbered or re-lettered, and the word "ordinance" may be changed to "section,"

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Section 4. Codification This ordinance shall become and be made a part of the

1 2	"article," "regulation," or such other appropriate v such intentions.	word or phrase in order to accomplish		
3	Section 5. Ordinances in Conflicts. All ordinances or parts of ordinances in			
4	conflict herewith are repealed to the extent of such conflict.			
5 6	<b>Section 6. Effective Date</b> . This Ordinance upon enactment.	e shall become effective immediately		
7				
8	PASSED AND ENACTED this day or	f, 2019.		
9	ATTEST:	APPROVED:		
10				
11	CITY CLERK	Mayor		
12	!st Reading			
13	2 <sup>nd</sup> Reading			
14	READ AND APPROVED AS TO FORM:	COMMISSION VOTE:		
15	LANGUAGE, LEGALITY AND	Mayor Stoddard:		
16	EXECUTION THEREOF	Vice Mayor Harris:		
17		Commissioner Gil:		
18		Commissioner Liebman:		
19	CITY ATTORNEY	Commissioner Welsh:		

# Attachment A:

# Acceptable 'Certified Organic' or 'EPA Minimum Risk' Pesticides/Herbicides

Active Ingredient	Product Name	Category	Regulatory Status
Bacillus subtilis GB03	Companion Liquid Biological Fungicide	Fungicide	Organic
Bacillus subtilis QST 713 strain	Rhapsody	Fungicide	Organic
Bacillus subtilis QST 713 strain	Serenade Garden Disease Control RTU	Fungicide	Organic
Bacillus subtilis QST 713 strain	Natria Disease Control RTU	Fungicide	Organic
Essential Oil (Cinnamon/Clove)	Blizzard Organic Fungicide	Fungicide	25b
Essential Oil (Clove/Cinnamon)	Bravado Organic Fungicide	Fungicide	Organic
Gliocladium catenulatum Strain J1446	Prestop Biofungicide Powder	Fungicide	Organic
Oil (Cottonseed, Corn, Garlic)	Mildew Cure	Fungicide	Organic
Potassium Bicarbonate	Greencure Fungicide	Fungicide	25b
Potassium Bicarbonate	Kaligreen	Fungicide	Organic
Potassium Bicarbonate	Carb-O-Nator	Fungicide	Organic
Pythium oligandrum DV 74	Polyversum	Fungicide	Organic
Streptomyces lydicus	Actinovate Lawn and Garden Fungicide	Fungicide	Organic
Trichoderma harzianum Rifai strain T-022	Rootshield Seed Treatment	Fungicide	Organic
Trichoderma harzianum Rifai strain T-22 and Trichoderma virensstrain G-41	TurfShield PLUS WP Biological Fungicide	Fungicide	Organic
Trichoderma spp.	Tenet WP	Fungicide	Organic
Acetic Acid	SummerSet AllDown	Fungicide	Organic
Acetic Acid	Vinagreen Natural Non Selective	Fungicide	Organic
Acetic Acid Acetic Acid, Citric Acid	Black Jack 21	Fungicide	25b
Ammoniated Soap of Fatty Acids	FinalSan-O	Fungicide	Organic
Ammonium Nonanoate	Mirimichi Green Pro	Fungicide	Organic
	Concentrate	lg	J - 1 g - 1 - 1
Ammonium Nonanoate	Emerion 7020 Concentrate	Fungicide	Organic
Ammonium Nonanoate	Mirimichi Green Effective Earth	Fungicide	Organic
Ammonium Nonanoate	BioSafe Weed Control	Fungicide	Organic
Ammonium Nonanoate	AXXE	Fungicide	Organic
Caprylic Acid, Capric Acid	Suppress Herbicide EC	Fungicide	Organic
Citric acid, Essential Oil (Clove), Malic	Phydura	Fungicide	25b
Corn Gluten	Concern Weed Prevention Plus	Fungicide	25b
D-limonene	Avenger Weed Killer	Fungicide	Organic
Essential Oil (Clove/Cinnamon)	JH Biotech Weed Zap	Fungicide	Organic
Essential Oil (Clove/Cinnamon)	Safer Grow Weed Zap	Fungicide	Organic
Eugenol, Essential Oil (Clove)	Halo	Fungicide	25b
Oil (Soybean)	EcoBlend Weed and Grass Burndown	Fungicide	Organic
Oil (Soybean)	Preem	Fungicide	25b
Potassium Salt of Fatty Acids	Safer Brand Weed and Grass Killer	Fungicide	Organic
Potassium Salt of Fatty Acids	Safer Brand Fast-Acting Weed and	Fungicide	Organic

Sodium Chloride	A.D.I.O.S	Fungicide	Organic
Sodium Lauryl Sulfate, 2-Phenethyl	EcoSmart Weed and Grass Killer	Fungicide	25b
Ammoniated Soap of Fatty Acids	Quik-Fire	Mossicide/Algaeci de	Organic
D-limonene	Monterey Moss Stopper	Mossicide/Algaeci de	Organic
D-limonene	Moss Melt Concentrate	Mossicide/Algaeci de	Organic
Oil (Cottonseed, Garlic), Essential Oil	No Moss	Mossicide/Algaeci de	Organic
Potassium Salt of Fatty Acids	Safer Brand Moss and Algae Killer and	Mossicide/Algaeci de	Organic
Gibberelic Acid	GibGro 4LS	Plant Growth Regulator	Organic
Gibberelic Acid	N-Large Plant Growth Regulator	Plant Growth Regulator	Organic
Coyote/Fox Urine	Shake-Away Coyote/Fox Urine Granules	Animal Repellant	Organic
Dried Red Pepper and Dried Blood	Uncle lans Dog and Cat Repellent	Animal Repellant	Organic
Dried Red Pepper and Dried Blood	Uncle lans Mole and Gopher Deer Rabbit and Squirrel Repellent	Animal Repellant	Organic
Piperine/Oil of Black Pepper/Capsaicin	Havahart Critter Ridder	Animal Repellant	Organic
Porcine/Bovine Dried Blood	Plantskydd Granular Repellent for Rabbits and Small Critters	Animal Repellant	Organic
Porcine/Bovine Dried Blood	Plantskydd Granular Repellent for Deer, Rabbits, and Elk	Animal Repellant	Organic
Putrescent Whole Egg Solids/Capsacin/Garlic	Deer Off Deer and Rabbit Repellent	Animal Repellant	Organic
Azadirachtin	Neemix 4.5	Animal Repellant	Organic
Azadirachtin	Azatin O	Animal Repellant	Organic
Bacillus thuringiensis	Safer Brand Garden Dust and Caterpillar Killer	Animal Repellant	Organic

Bacillus thuringiensis	DiPel® PRO DF Biological Insecticide Dry Flowable	Animal Repellant	Organic
Bacillus thuringiensis	Thuricide BT Caterpillar Control	Animal Repellant	Organic
Bacillus thuringiensis	Summit Biological Caterpillar and Webworm Control	Animal Repellant	Organic
Chromobacterium subtsugae	Grandevo	Animal Repellant	Organic
Citric Acid	Flying Skull Nuke 'Em Insecticide	Animal Repellant	Organic
Diatomaceous Earth	Perma-guard	Animal Repellant	Organic
Diatomaceous Earth	Safer Brand Ant and Crawling Insect Killer	Animal Repellant	Organic
Diatomaceous Earth	Desect Diatomaceous Earth Insecticide	Animal Repellant	Organic
D-limonene	Orange Guard Fire Ant Control	Animal Repellant	Organic
D-limonene	Orange Guard Ornamental Plants Inseticide	Animal Repellant	Organic
Essential Oil (Blend)	Dr. Earth Yard and Garden Insect Killer	Animal Repellant	Organic
Essential Oil (Blend)	Mantis Botanical Insecticide/Miticide	Animal Repellant	Organic
Essential Oil (Cedar)	CedarGuard	Animal Repellant	Organic
Essential Oil (Cedar)	CedarCure	Animal Repellant	25b
Essential Oil (Cedar), Oil (Soybean)	EcoShield Botanical Insecticide	Animal Repellant	Organic
Essential Oil (Clove/Cinnamon)	Aramite Organic Acaricide - Insecticide	Animal Repellant	Organic

Ecotec	Animal	Organic
	Repellant	
HumaGrow Proud3	Animal	Organic
	Repellant	
Garden Safe Slug and Snail Bait	Animal	Organic
	Repellant	
Miracle-Gro® Nature's Care Slug	Animal	Organic
& Snail Control	Repellant	
Whitney Farms Slug and Snail	Animal	Organic
Killer	Repellant	
Brandt Antixx Plus Ant and	Animal	Organic
Crawling Insect Killer	Repellant	
Sluggo Insect, Slug, and Nail	Animal	Organic
Pellets	Repellant	
St Gabriel Organic Milky Spore	Animal	Organic
Granular	Repellant	
Safer Brand Garden Defense	Animal	Organic
	Repellant	
Ecomask Topdressing	Animal	25b
	Repellant	
Grub Guard	Animal	Organic
	Repellant	
Scanmask Topdressing	Animal	25b
	Repellant	
Environmental Factor Inc	Animal	25b
	Repellant	
Safer Gro PestOut	Animal	Organic
	Repellant	
AntOut	Animal	Organic
	Repellant	
Safer Insect Killing Soap	Animal	Organic
	Repellant	
Safer Brand Grub Killer	Animal	Organic
	Repellant	
	HumaGrow Proud3  Garden Safe Slug and Snail Bait  Miracle-Gro® Nature's Care Slug & Snail Control  Whitney Farms Slug and Snail Killer  Brandt Antixx Plus Ant and Crawling Insect Killer  Sluggo Insect, Slug, and Nail Pellets  St Gabriel Organic Milky Spore Granular  Safer Brand Garden Defense  Ecomask Topdressing  Grub Guard  Scanmask Topdressing  Environmental Factor Inc  Safer Gro PestOut  AntOut	Repellant Repellant Repellant  HumaGrow Proud3 Animal Repellant  Garden Safe Slug and Snail Bait  Miracle-Gro® Nature's Care Slug & Snail Control  Whitney Farms Slug and Snail Killer  Brandt Antixx Plus Ant and Crawling Insect Killer  Sluggo Insect, Slug, and Nail Pellets  St Gabriel Organic Milky Spore Granular  Safer Brand Garden Defense  Ecomask Topdressing  Animal Repellant  Scanmask Topdressing  Animal Repellant  Safer Gro PestOut  Animal Repellant  AntOut  Animal Repellant  Safer Insect Killing Soap  Animal Repellant  Safer Brand Grub Killer  Animal

Potassium Salt of Fatty Acids/Neem Oil/Natural Pyrethrin (without PBO)	Safer Brand End ALL Insect Killer	Animal Repellant	Organic
Spinosad	Green Light Garden Spray	Animal Repellant	Organic
Spinosad	Seduce Insect Bait	Animal Repellant	Organic
Spinosad	Conserve Naturalyte Insect Control	Animal Repellant	Organic
Spinosad	Monterey Garden Insect Spray	Animal Repellant	Organic
Paecilomyces lilacinus	Bio-Nematon	Animal Repellant	Organic
Quillaja saponaria saponins	Brandt Nema-Q	Animal Repellant	Organic
Quillaja saponaria saponins	Montery Nematode Control	Animal Repellant	Organic
Garlic Extract	Biolink Insect and Bird Repellent	Animal Repellant	Organic
Garlic Extract	Garlic Barrier AG Insect Repellent	Animal Repellant	Organic
Azadirachtin	AzaSol	Insecticide/ Miticide/ Fungicide	Organic
Azadirachtin	SoluNeem	Insecticide /Miticide/ Fungicide	Organic
Azadirachtin	Azatrol	Insecticide/ Miticide/ Insect Growth Regulator	Organic
Azadirachtin	Molt-X	Insecticide/ Nematicide	Organic
Azadirachtin	Safer Brand BioNeed	Insecticide/ Repellant/Insect Growth Regulator	Organic
Azadirachtin	Amazin 1.2 ME	Insecticide/ Repellant/Insect GrowthRegulator/ Nematicide	Organic
Bacillus amyloliquefaciens strain D747	Monterey Complete Disease Control Brand RTU	Fungicide/ Batericide	Organic
Bacillus amyloliquefaciens strain D747	DoubleNickel LC Biofungicide	Fungicide/ Batericide	Organic

Essential Oil (Clove), Oil (Cottonseed,	Pest Out	Insecticide/	Organic
Garlic)		Miticide	J
Essential Oil (Thyme)	HumaGrow Promax	Nematicide/ Fungicide	Organic
Essential Oils (Various)	EcoSmart Brands	Insecticide/ Herbicide/ Fungicide	25b
Fats and Oil, Azadirachtin	Debug Tres Emulsifiable Concentrate Antifeedant, Insect Repellent, Insecticide, Miticide, Fungicide & Nematicide	Insecticide/ Miticide/ Nematicide/ Fungicide	Organic
Horticultural Oil (may be listed as mineral oil on label)	Civitas Turf Defense Pre-Mixed	Fungicide/ Insecticide/ Disease Suppression	Organic
Horticultural Oil (may be listed as mineral oil on label)	Civitas Turf Defense Ready-2-Mix	Fungicide/ Insecticide/ Disease Suppression	Organic
Neem Oil	70% Neem Oil	Insecticide/ Fungicide	Organic
Neem Oil	Bayer Natria Neem Oil	Insecticide/ Fungicide	Organic
Neem Oil	Triact 70	Insecticide/ Miticide/ Fungicide	Organic
Neem Oil	Trilogy	Insecticide/ Miticide/ Fungicide	Organic
Neem Oil	Monterey Neem Oil RTU	Insecticide/ Miticide/ Fungicide	Organic
Neem Oil	Triple Action Neem Oil	Insecticide/ Miticide/ Fungicide	Organic
Neem Oil	TerraNeem EC	Insecticide/ Miticide/ Nematicide/Fungi cide	Organic
Neem Oil/and Natural Pyrethrin (without PBO)	Monterey Rose & Flower Spray Plus Broad Spectrum Insecticide, Fungicide, and Miticide	Insecticide/ Miticide/ Fungicide	Organic
Oil (Sesame)	Organicide 3 in One	Insecticide/ Fungicide/ Miticide	Organic
Potassium Salt of Fatty Acids	MPEDE	Insecticide/ Fungicide	Organic
Potassium Silicate	Sil-Matrix	Insecticide/ Fungicide	Organic
Sulfur	Sulfur DF	Fungicide/ Miticide	Organic
Sulfur	Kumulus DF	Fungicide/ Miticide	Organic

#### MIAMI DAILY BUSINESS REVIEW

Published Daily except Saturday, Sunday and Legal Holidays Miami, Miami-Dade County, Florida

# STATE OF FLORIDA COUNTY OF MIAMI-DADE:

Before the undersigned authority personally appeared GUILLERMO GARCIA, who on oath says that he or she is the DIRECTOR OF OPERATIONS, Legal Notices of the Miami Daily Business Review f/k/a Miami Review, a daily (except Saturday, Sunday and Legal Holidays) newspaper, published at Miami in Miami-Dade County, Florida; that the attached copy of advertisement, being a Legal Advertisement of Notice in the matter of

NOTICE OF PUBLIC HEARINGS - CITY OF SOUTH MIAMI - OCT

in the XXXX Court, was published in said newspaper in the issues of

09/20/2019

Affiant further says that the said Miami Daily Business Review is a newspaper published at Miami, in said Miami-Dade County, Florida and that the said newspaper has heretofore been continuously published in said Miami-Dade County, Florida each day (except Saturday, Sunday and Legal Holidays) and has been entered as second class mail matter at the post office in Miami in said Miami-Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he or she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this 20 day of SEPTEMBER, A.D. 2019

(SEAL)

GUILLERMO GARCIA personally known to me

BARBARA THOMAS
Commission # GG 121171
Expires November 2, 2021
Bended Thru Troy Fain Insurance 800-285-7019



### CITY OF SOUTH MIAMI NOTICE OF PUBLIC HEARINGS

NOTICE IS HEREBY given that the City Commission of the City of South Miami, Florida will conduct Public Hearing(s) at its regular City Commission meeting scheduled for Tuesday, October 1, 2019, beginning at 7:00 p.m., in the City Commission Chambers, 6130 Sunset Drive, to consider the following item(s):

A Resolution authorizing the City Manager to amend the multi-year contract for citywide phone service with Windstream by adding three new phone lines.

A Resolution ratifying the three-year Collective Bargaining Agreement from June 22, 2019 to June 21, 2022 between the American Federation of State, County, and Municipal Employees (AFSCME), Local 3294 and the City of South Miami, and authorizing its execution by the City Manager.

A Resolution relating to a Variance application to reduce the minimum off-street parking space requirement for a mixed-use project on both the East and West Madison Square properties as legally described herein.

An Ordinance amending Chapter 2, Article V, Sections 2-354-2-380. - Reserved of the City of South Miami Code of Ordinances to create a separate Section 2-354 that establishes standards for use of chemical pesticides and herbicides for the maintenance of City property and to reserved Sections 2-355 through 2-380.

An Ordinance amending Section 7-3.2 of the Code of Ordinances to adjust the parks impact fees; defining how those fees are calculated, providing for definitions, exceptions, assessment of development prior to establishment of parks impact fees; providing for exemption for affordable housing developments; providing severability, inclusion in the code, and effective dates.

An Ordinance amending the City of South Miami Code of Ordinances, Chapter 8A, Section 8A- 4.1. titled "Prohibited commission actions" to allow the Mayor or Mayor's designee to issue proclamations without the need for approval by written resolution.

ALL interested parties are invited to attend and will be heard.

For further information, please contact the City Clerk's Office at: 305-663-6340.

Nkenga A. Payne, CMC City Clerk

Pursuant to Florida Statutes 286.0105, the City hereby advises the public that if a person decides to appeal any decision made by this Board, Agency or Commission with respect to any matter considered at its meeting or hearing, he or she will need a record of the proceedings, and that for such purpose, affected person may need to ensure that a verbatim record of the proceedings is made which record includes the testimony and evidence upon which the appeal is to be based.

9/20

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