



**CITY OF SOUTH PASADENA
NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION**

**A G E N D A
REGULAR MEETING
TUESDAY, MARCH 26, 2024, AT 7:00 P.M.**

**CITY COUNCIL CHAMBERS
1424 MISSION STREET, SOUTH PASADENA, CA 91030**

South Pasadena Commission Statement of Civility

As your appointed governing board, we will treat each other, members of the public, and city employees with patience, civility and courtesy as a model of the same behavior we wish to reflect in South Pasadena for the conduct of all city business and community participation. The decisions made today will be for the benefit of the South Pasadena community and not for personal gain.

NOTICE ON PUBLIC PARTICIPATION & ACCESSIBILITY

The South Pasadena Natural Resources and Environmental Commission Meeting will be conducted in-person from the Council Chambers, Amedee O. "Dick" Richards, Jr., located at 1424 Mission Street, South Pasadena.

The meeting will be available:

- In Person – City Council Chambers, 1424 Mission Street
- Via Zoom – **Webinar ID: 880 7206 2700**

To maximize public safety while still maintaining transparency and public access, members of the public can observe the meeting via Zoom in one of the three methods below.

1. Go to the Zoom website, <https://zoom.us/join> and enter the Zoom Meeting information; or
2. Click on the following unique Zoom meeting link: <https://us06web.zoom.us/j/88072062700>; or
3. You may listen to the meeting by calling +1-669-900-6833 and entering the Zoom Meeting ID.

CALL TO ORDER: Chair Michael Siegel

ROLL CALL:

| | |
|--------------|-------------------------|
| Chair | Michael Siegel |
| Vice Chair | Emily Ng |
| Commissioner | Rona Bortz |
| Commissioner | Liam R. de Villa Bourke |
| Commissioner | Amy Davis Jones |
| Commissioner | Casey Law |
| Commissioner | Richard Tom |

PLEDGE OF ALLEGIANCE: Chair Michael Siegel

PUBLIC COMMENT GUIDELINES *(Public Comments are limited to 3 minutes)*

The City welcomes public input. Members of the public can comment on a non-agenda subject under the jurisdiction of the City Council or on an agenda item, you may participate **by one of the following options:**

Option 1:

Participate in-person at the City Council Chambers.

Option 2:

Public Comment speakers have three minutes to address the Commission, however, the Chair and Commission can adjust time allotted as needed. Participants will be able to “raise their hand” using the Zoom icon during the meeting, and they will have their microphone un-muted during comment portions of the agenda to speak.

Option 3:

Email public comment(s) to NRECPublicComment@SouthPasadenaCA.gov.

Public Comments received in writing will not be read aloud at the meeting, but will be part of the meeting record. Written public comments will be uploaded online for public viewing under Additional Documents. There is no word limit on emailed Public Comment(s). Please make sure to indicate:

- 1) Name (optional), and
- 2) Agenda item you are submitting public comment on.
- 3) Submit by no later than **12:00 p.m., March 26, 2024**

PLEASE NOTE: The Chair may exercise the Chair's discretion, subject to the approval of the majority of the Commission to adjust public comment(s) to less than three minutes.

NOTE: Pursuant to State law, the Commission may not discuss or take action on issues not on the meeting agenda, except that members of the Commission or staff may briefly respond to statements made or questions posed by persons exercising public testimony rights (Government Code Section 54954.2). Staff may be asked to follow up on such items.

PUBLIC COMMENT

1. GENERAL (NON-AGENDA ITEMS)

PRESENTATION

2. SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ACTION

3. SELECTION OF PLASTICS AD HOC COMMITTEE

Recommendation

It is recommended that the Commission:

1. Review and approve the duties of the Plastics Ad Hoc Committee
2. Appoint two to three commissioners to serve on the Plastics Ad Hoc Committee

4. APPROVAL OF MINUTES OF FEBRUARY 27, 2024, NREC MEETING

Recommendation

It is recommended that the Commission review and consider approval of the February 27, 2024, Meeting Minutes.

COMMUNICATIONS

5. CITY COUNCIL LIAISON COMMUNICATIONS

6. COMMISSIONER COMMUNICATIONS

7. STAFF LIAISON COMMUNICATIONS

8. UPCOMING EVENTS

- Ed Begley Jr. Author Talk
April 1 – 7:00pm – Library Community Room
- Sustainability Fair, Garden Tour, and Plant Swap
April 6 - 1:00pm-4:00pm – Arroyo Seco Woodland and Wildlife Park
- Free Compost and Mulch Giveaway
April 13 - 9:00am-12:00pm - Arroyo Golf Course Parking Lot
- Greening South Pasadena: Unveiling the Healing Powers of Native Flora and Fauna with Matthew Teutimez
April 16 – 7:00pm – Library Community Room
- LA County Smart Gardening Webinars
(<https://www.ladpw.org/epd/sg/webinars.cfm>)
- MWD Turf Removal + CA Native Landscape Webinars
(<https://greengardensgroup.com/turf-transformation/>)

ADJOURNMENT

FOR YOUR INFORMATION

FUTURE NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION MEETINGS

| | | |
|----------------|-----------------|-----------|
| April 23, 2024 | Regular Meeting | 7:00 p.m. |
| May 28, 2024 | Regular Meeting | 7:00 p.m. |
| June 25, 2024 | Regular Meeting | 7:00 p.m. |

PUBLIC ACCESS TO AGENDA DOCUMENTS AND BROADCASTING OF MEETINGS

Commission meeting agenda packets, any agenda related documents, and additional documents are available online for public inspection on the City’s website:

<https://www.southpasadenaca.gov/government/boards-commissions>

Meeting recordings will be available for public viewing after the meeting. Recordings will be uploaded to the City’s YouTube Channel no later than the next business day after the meeting.


The City’s YouTube Channel may be accessed at:

https://www.youtube.com/channel/UCnR169ohzi1AlewD_6sfwDA/featured

AGENDA NOTIFICATION SUBSCRIPTION

If you wish to receive an agenda email notification please contact the Sustainability Division via email at NRECPublicComment@SouthPasadenaCA.gov or call (626) 403-7370.

ACCOMMODATIONS

 The City of South Pasadena wishes to make all of its public meetings accessible to the public. If special assistance is needed to participate in this meeting, please contact the City Clerk's Division at (626) 403-7230 or CityClerk@southpasadenaca.gov. Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities. Notification at least 48 hours prior to the meeting will assist staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting (28 CFR 35.102-35.104 ADA Title II).

CERTIFICATION OF POSTING

*I declare under penalty of perjury that I posted this notice of agenda for the meeting to be held on **March 26, 2024**, on the bulletin board in the courtyard of City Hall at 1414 Mission Street, South Pasadena, CA 91030, and on the City’s, website as required by law, on the date listed below.*

3/21/2024



Date

Arpy Kasparian, Environmental Services & Sustainability Manager

ITEM 2

South Coast Air Quality Management District
Presentation

Michael Cacciotti
Governing Board Vice Chair
 South Coast Air Quality Management District
 Council Member, South Pasadena
 Representing the Cities of Los Angeles County, Eastern Region

34 Cities - 2 million residents

AIR QUALITY UPDATE – South Pasadena NREC

Feb. 27, 2024

1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

1976 - Formed to Meet Federal & State Health Standards for Air Pollution

Congressman Jerry Lewis - R (CA-41) appeals for clean air on January 8, 1970, as an Assemblyman with a petition of more than 140,000 Inland Empire signatures. Lewis on the left and Lieutenant Governor Ed Reinecke on the right are joined by other members of the California Legislature in a joint effort to reduce air pollution.

28,000 Permitted Sources













67% of E.J population in California lives in region

17 Million People

One-third of all US containerized cargo

2

SOURCES OF AIR POLLUTION

| STATIONARY SOURCES = 20% | MOBILE SOURCES = 80% |
|--|---|
| <div style="text-align: center; margin-bottom: 10px;">  <p>Cleaners & Solvents</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Paint</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Autobody</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Gas Stations</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Power Plant & Industry</p> </div> <div style="text-align: center;">  <p>Refineries</p> </div> | <div style="text-align: center; margin-bottom: 10px;">  <p>Oceangoing Vessels</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Airplanes</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Trains</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Trucks</p> </div> <div style="text-align: center; margin-bottom: 10px;">  <p>Off-road Equipment</p> </div> <div style="text-align: center;">  <p>Cars</p> </div> |

SOUTH COAST AIR BASIN DOES **NOT** MEET FEDERAL STANDARDS FOR OZONE (aka SMOG) and PM2.5 (Particulate Matter)

3

AIR POLLUTION IN SOUTH COAST REGION

OZONE (aka SMOG)



Formed in atmosphere through chemical reaction of air pollutants - nitrogen oxides (NOx) and volatile organic chemicals (VOCs) - in presence of sunlight.

- The largest source of NOx are ships, aircraft, off-road equipment, heavy-duty trucks and locomotives.

Particulate Matter 2.5 (PM2.5)



Fine inhalable particles emitted directly or formed in atmosphere through a chemical reaction of gases, including NOx and other pollutants.

- Direct sources of air pollutants are road dust, diesel soot, combustion engines.

4

HEALTH IMPACTS

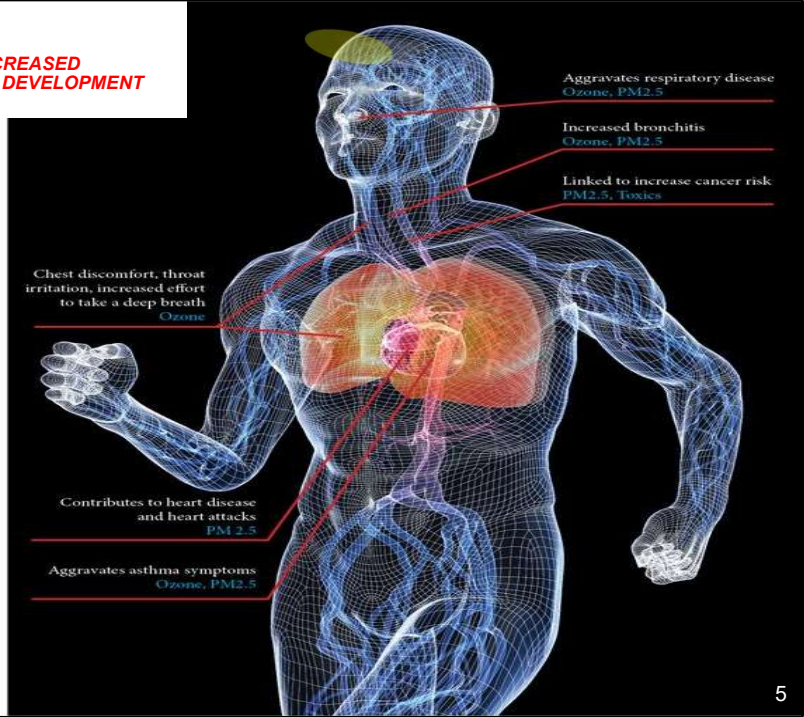
RESPIRATORY, CARDIOVASCULAR, METABOLIC, INCREASED CANCER RISK, COGNITIVE, PHYSICAL & COGNITIVE DEVELOPMENT FOR CHILDREN

“Mom’s Exposure to Dirty Air in Pregnancy Could Harm a Toddler’s Development” – USNews.com, 1/26/2023

“Even Brief Exposure to Air Pollution has Rapid Impacts on the Brain” – Neurosciencenews.com, 1/24/23

“Clearing Air Pollution Helps Clear the Fog of Aging – And May Cut the Risk of Dementia” – Kaiser Health News, 9/20/22

“Scientists Find Clues to How Air Pollution May Trigger Lung Cancer” – CNN Health, 9/12/22



5

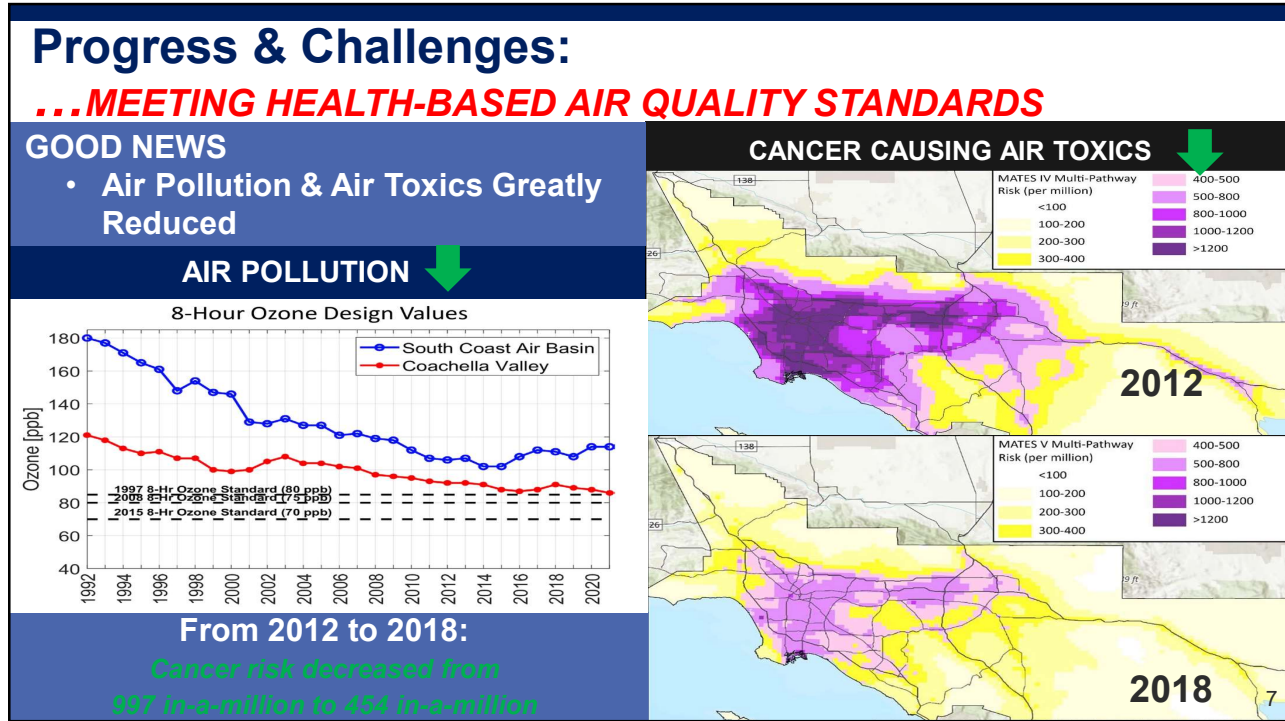
HEALTH IMPACTS

MEETING AIR STANDARDS = MAJOR PUBLIC HEALTH BENEFITS

| Prevent Premature Deaths | Prevent Hospitalizations | Prevent Work and School Loss Days | Potential Annual Monetized Public Health Benefits* |
|--|--|---|--|
| 1,500 / year | 8,700 / year | 163,000 / year | \$19.4 Billion |
| | | | |
| In comparison, ~1,350 traffic fatalities in 2019 in South Coast region | Affects on children: Low Birth Weight, Lung Growth, Asthma | Impacts are highest in Environmental Justice (EJ) communities | From higher cancer risk, respiratory & cardiovascular diseases, greater susceptibility to infections |

* <http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/socioeconomic-analysis>
http://publichealth.lacounty.gov/mch/AsthmaCoalition/docs/BenefitsofMeetingCleanAirStandards_11_08_08.pdf

6



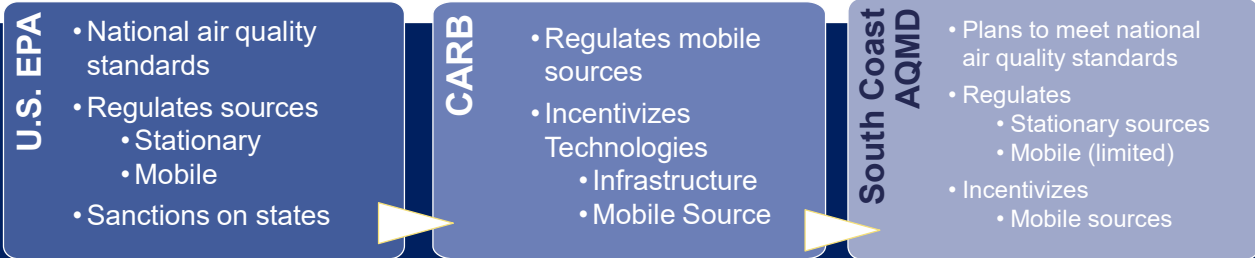
7



8

What If...?

SOUTH COAST AIR BASIN DOES NOT MEET FEDERAL STANDARDS FOR OZONE (aka SMOG) and PM2.5 (Particulate Matter)



If South Coast Air Basin does not meet federal standards under Clean Air Act * ... sanctions could be triggered. Preliminary estimated costs:



Stationary Sources:
\$40-50 million per year in additional fees or permitting costs



Federal Highway Funding: \$600 million per year before considering Bipartisan Infrastructure Law



Federal Implementation Plan: unknown costs, but anticipated to be high

* There are several deadlines for multiple standards. Some impending deadlines are in **2023, 2031, 2037.**

Road to Clean Air

... Residential Incentives

Visit <http://www.aqmd.gov/home/programs> or use QR Code to learn more about AQMD Incentive Programs



| | | | |
|--|---|--|--|
| CLEAN FURNACE Up to \$1,500 for CLEANair Furnace Rebate Program* | ELECTRIC LAWNMOWER Up to \$250 per Electric Lawnmower | EV CHARGER \$250 or more Rebate for Level 2 (240V) EV Charger | REPLACE YOUR RIDE Up to \$9,500 for clean air vehicle, transit passes, car-sharing, or an e-bike |
|--|---|--|--|

* New program in development for zero-emission appliances for space and water heating.

Road to Clean Air

... Commercial & City Incentives

Visit <http://www.aqmd.gov/home/programs> or use QR Code to learn more about South Coast AQMD Incentive Programs



Total investment program wide since 2008: \$1.2B

Up to 85% Discount
New program: Commercial Landscaping Equipment

Charging & Fueling Infrastructure

Vehicles: Light, Medium & Heavy-Duty

Off-Road Equipment, Marine Vessels & Locomotives



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CLEAN AIR INVESTMENTS IN THE CITY OF SOUTH PASADENA



Clean Air Funds – 2008 to Present

- \$38,500
- 9-count of equipment/vehicle/station
- Program: Replace Your Ride



Mobile Source Air Pollution Reduction Review Committee (MSRC)

\$1,139,543 – EV charging installation, CNG infrastructure (new installation & expansion), purchase of natural gas heavy duty vehicles & light-duty ZEVs, bicycle trail improvements, Open Streets event.

www.CleanTransportationFunding.org



AB 2766 Motor Vehicle Subvention Funds

(Funding to Cities to reduce air pollution from motor vehicles)

- 2020-21 balance: \$121,512
- 2021-22 disbursed: \$32,872.22
- Recent projects: Free Ride to Work Bus Pass Program, Teleworking



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Access Services & Protect Your Health: **SOUTH COAST AQMD**



| | | | |
|---|--|--|--|
|  |  |  |  |
| <p>Small Business Assistance 1-800-388-2121 Complaint Hotline 1-800-CUT-SMOG or 1-800-288-7664</p> | <p>Free mobile phone App for real time air quality information, alerts, and to file complaints</p>   | <p>Provides air quality information at community level from 39 permanent multi-pollutant and 4 single-pollutant air monitoring sites</p> | <p>Free "Sensor Educational Toolkit" to the public to learn about low-cost sensors</p> |

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CONTACT US

Ways to Stay Connected @SouthCoastAQMD

Michael Cacciotti
Vice Chair, South Coast AQMD
Councilmember, South Pasadena

Board Consultant: Ben Wong
Email: BenWong@aqmd.gov,
BenWongWestCovina@gmail.com

THANK YOU

| | |
|---|-----------|
|  | Twitter |
|  | Facebook |
|  | YouTube |
|  | Instagram |

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ITEM 3

Selection of Plastics Ad Hoc Committee
Under Separate Cover

ITEM 4

Approval of Minutes – Meeting of February 27, 2024



**CITY OF SOUTH PASADENA
NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION**

**MINUTES
REGULAR MEETING
TUESDAY, FEBRUARY 27, 2024, AT 7:00 P.M.**

CALL TO ORDER:

The Meeting of the South Pasadena Natural Resources and Environmental Commission was called to order by Chair Michael Siegel on Tuesday, February 27, 2024, at 7:01 P.M. in the City Council Chambers, 1424 Mission Street, South Pasadena, California.

ROLL CALL:

PRESENT

| | |
|--------------|-------------------------|
| Chair | Michael Siegel |
| Commissioner | Liam R. de Villa Bourke |
| Commissioner | Amy Davis Jones |
| Commissioner | Casey Law |
| Commissioner | Emily Ng |
| Commissioner | Richard Tom |

ABSENT

| | |
|---------------|---------------------------------|
| Commissioner | Rona Bortz |
| Staff Liaison | Councilmember Michael Cacciotti |

CITY STAFF PRESENT:

Arpy Kasparian, Environmental Services & Sustainability Manager and Melanis Stepanian, Management Assistant were present at Roll Call. Other staff members presented reports or responded to questions as indicated in the minutes.

PLEDGE OF ALLEGIANCE

The Flag Salute was led by Chair Siegel.

PUBLIC COMMENT

1. PUBLIC COMMENT – GENERAL (NON-AGENDA ITEMS)

In Person Comments:

Mayor Zneimer welcomed the new Commissioners and shared her appreciation of the current Commission Members.

No additional public comments were submitted.

PRESENTATION

2. STAFF INTRODUCTION

Arpy Kasparian, Environmental Services & Sustainability Manager, introduced the newest addition to the Sustainability Division Team, Daphne Madrigal. Daphne will be serving as the Water Conservation and Sustainability Intern.

3. SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Councilmember Cacciotti was unable to attend this meeting. This agenda item will be postponed to a future meeting.

DISCUSSION

4. CITY EARTH DAY CELEBRATIONS

Arpy Kasparian, Environmental Services & Sustainability Manager, promoted upcoming Earth Month events throughout the City then asked for event recommendations from Commissioners.

Chair Siegel- requesting additional promotion for the Water Conservation Rebate Program

Commissioner Law suggested having an organics recycling physical demonstration for community members.

Commissioner Jones shared that she would like to look into a film screening which focuses on organics recycling. She suggested a screening at the Farmer's Market or a collaboration with the Chamber of Commerce.

Commissioner De Villa Bourke recommended showing the film "Kiss the Ground" and reaching out to Compost Culture.

In- Person Public Comment:

None.

Zoom Public Comment:

None.

ACTION

5. APPROVAL OF MINUTES OF JANUARY 23, 2024, NREC MEETING

Recommendation

It is recommended that the Commission review and consider approval of the January 23, 2024, Meeting Minutes.

COMMISSION ACTION AND MOTION

A motion was made by Vice Chair Ng, seconded by Commissioner Tom and approved by roll call vote to approve the January 23, 2024, NREC Meeting Minutes. The motion carried 6-0, by the following vote:

AYES: Siegel, Ng, de Villa Bourke, Jones, Law, and Tom.

NOES: None.

ABSENT: Bortz

ABSTAINED: None.

COMMUNICATIONS**6. CITY COUNCIL LIAISON COMMUNICATIONS**

No Comments.

7. COMMISSIONER COMMUNICATIONS

Commissioner Tom had no comments.

Commissioner de Villa Bourke had no comments.

Commissioner Law shared research and news coverage of El Niño/ La Niña weather conditions. Despite the current wet weather patterns, it is expected that the weather patterns will 'swing' into dry weather before the end of the year. He moved on to support the City for their Water Conservation initiatives.

Commissioner Jones discussed the opportunity for a Commission member to join the Plastics Ad Hoc Committee.

Commissioner Ng requested Commissioner Jones briefly discuss the duties of the Plastics Ad Hoc Committee.

Chair Siegel had no comments.

8. STAFF LIAISON COMMUNICATIONS

Environmental Services & Sustainability Manager, Arpy Kasparian, promoted the upcoming Mobile Electric Leaf Blower Demo which shared incentive programs available for local landscapers and gardeners. She then moved on to share an update on the new agreement with Athens Services. Per City Council direction, residents will be receiving new barrels for waste disposal and continuing backyard service. Lastly, she shared that the City of South Pasadena is continuing edible food recovery efforts through a partnership with San Gabriel Valley Council of Governments (COG).

Public Works Director, Ted Gerber, shared that the City is considering hosting a 626 Golden Streets event with local cities and San Gabriel Valley COG.

9. UPCOMING EVENTS

- Mobile Leaf Blower Demonstration
February 28, 2024 – all around the City
- South Pas Parks Ride and Picnic
March 16, 2024 - 9:00am - Garfield Park
- Friends of the Nature Park Volunteer Day
March 17, 2024 - 9:00am-12:00pm - South Pasadena Nature Park
- Sustainability Fair, Garden Tour, and Plant Swap
April 6, 2024 - 1:00pm-4:00pm - South Pasadena Nature Park
- Free Compost and Mulch Giveaway
April 13, 2024 - 9:00am-12:00pm - Arroyo Golf Course Parking Lot
- LA County Smart Gardening Webinars
(<https://www.ladpw.org/epd/sg/webinars.cfm>)
- MWD Turf Removal + CA Native Landscape Webinars
(<https://greengardensgroup.com/turf-transformation/>)

ADJOURNMENT

There being no further matters, Chair Siegel adjourned the meeting of the Natural Resources and Environmental Commission at 7:32 P.M. to the next Regular Commission meeting scheduled for March 26, 2024.

Respectfully submitted:

Arpy Kasparian
Staff Liaison, Environmental Services &
Sustainability Manager

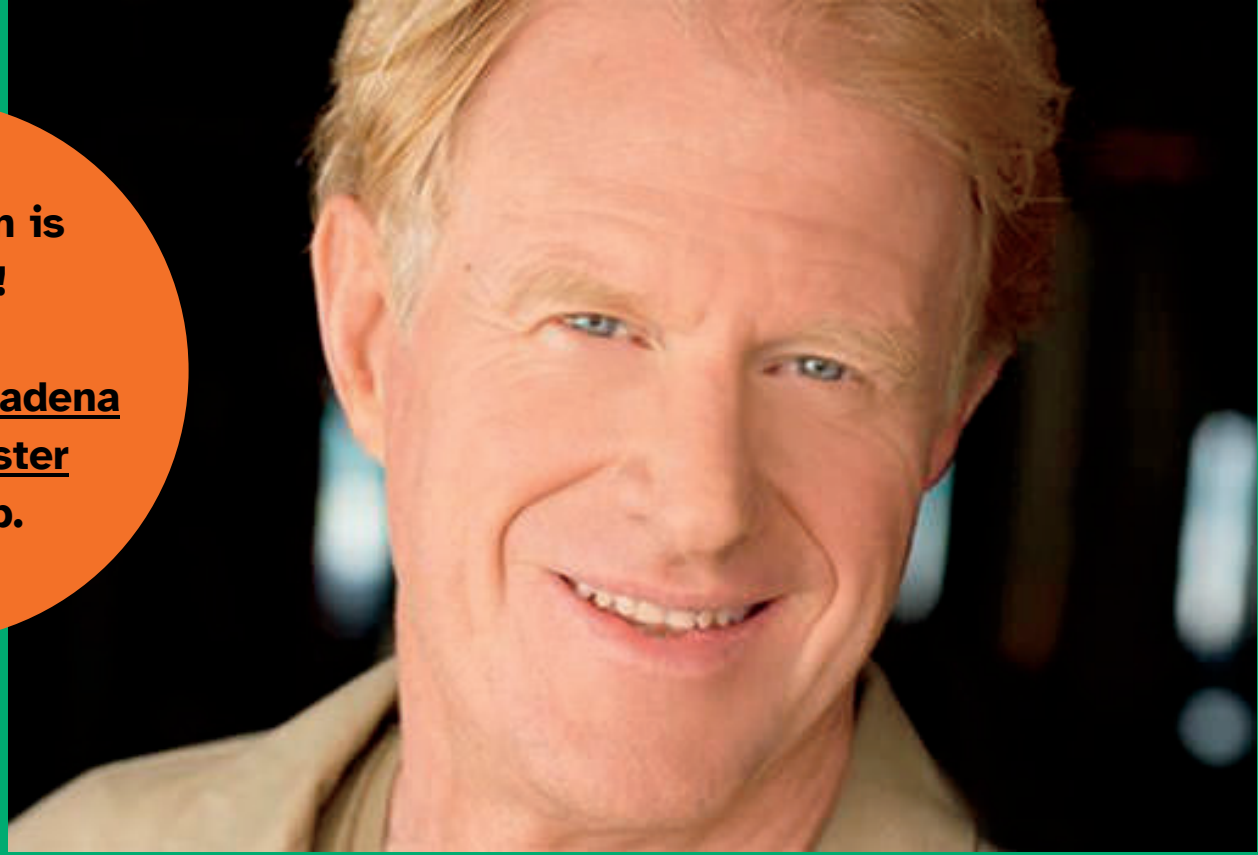
APPROVED:

Michael Siegel
Chair

Approved at Commission: March 26, 2024

ITEM 8

Upcoming Events



Registration is required!
Visit
www.southpasadena.ca.gov/register
to sign up.

Ed Begley Jr. Author Talk

Monday, April 1st
 7:00 PM
 Library Community Room



Ed Begley Jr., actor and longtime environmental activist, will join the Library to discuss his new memoir, To the Temple of Tranquility...And Step On It!.

Books will be available for purchase and signing.



This program is part of our Sowing South Pasadena initiative, which will present a series of programs and activities from January through May that celebrate sustainability.

Upon request made no later than four (4) business days before the event, the City will provide a reasonable accommodation for a qualified person with a disability to have equal access to the event. Please call (626) 403-7312 or fill out the City's request form available at www.southpasadenaca.gov and email the form to Human Resources at HR@southpasadenaca.gov.



BROUGHT TO YOU BY:
THE CITY OF SOUTH PASADENA
 IN PARTNERSHIP WITH



SOUTH PASADENA BEAUTIFUL & FRIENDS OF THE NATURE PARK

SUSTAINABILITY FAIR PLANT SWAP & GARDEN TOUR

SATURDAY, APRIL 6, 1-4 PM - FREE
Arroyo Seco Woodland & Wildlife Park



The upper entrance is in the 100 block of Pasadena Avenue in South Pasadena, east of the York Blvd. Bridge. Street parking is available

The lower entrance is just past the Arroyo Seco Golf Course driving range. Take the shared-use path located at the west end of Lohman Lane. Parking is available on Lohman Lane.

South Pas Active will be again this year hosting a free Bike Valet at the lower entrance.



For parking and more information: www.SouthPasBeautiful.org

FREE COMPOST & MULCH

Saturday, April 13, 2024
9:00 am - 12:00pm

For South Pasadena Residents ONLY



Compost (donated by *Athens Services*) is a mixture of decayed organic material, including food waste, and is used for enriching soil. Athens compost is certified organic under the USDA National Organic Program.

Mulch (donated by *West Coast Arborist*) is chipped tree trimmings or bark groundcover. It works as an insulator, maintaining the temperature of soil and roots to reduce evaporation and the formation of weeds.

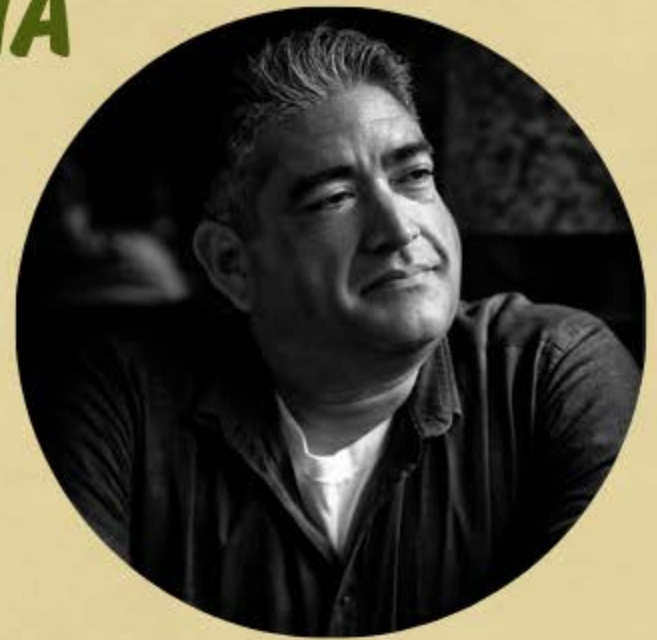
- ✔ Bring a sturdy container and shovel
- ✔ Limit 2 (two) 35 gallon containers per household
- ✔ Bring proof of residence (ID or utility bill)

Arroyo Golf Course Parking Lot
1055 Lohman Lane

www.SouthPasadenaCA.gov/EnvironmentalPrograms



GREENING SOUTH PASADENA: UNVEILING THE HEALING POWERS OF NATIVE FLORA AND FAUNA WITH MATTHEW TEUTIMEZ



Matthew Teutimez, Elder of the Gabrieleño Band of Mission Indians – Kizh Nation, serves as the Tribal Biologist and Director of Resources for the Tribe. Join him for a discussion on the utilization of food, medicine, and renewable products to support present and future generations in the Los Angeles Basin.

TUESDAY, APRIL 16TH
7:00 PM
LIBRARY COMMUNITY ROOM

SOWING SOUTH PASADENA PROGRAMMING IS SUPPORTED IN WHOLE OR IN PART BY THE U.S. INSTITUTE OF MUSEUM AND LIBRARY SERVICES UNDER THE PROVISIONS OF THE LIBRARY SERVICES AND TECHNOLOGY ACT, ADMINISTERED IN CALIFORNIA BY THE STATE LIBRARIAN.

