



**CITY OF SOUTH PASADENA
NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION
REGULAR MEETING AGENDA**

**Council Chamber
1424 Mission Street, South Pasadena, CA 91030**

September 24, 2019, at 7:00 p.m.

In order to address the Natural Resources and Environmental Commission, please complete a Public Comment Card. Time allotted per speaker is three minutes.

- CALL TO ORDER:** Madeline C. Di Giorgi
- ROLL CALL:** Commissioners Amy Davis Jones, William J. Kelly, Stephen Leider, Cynthia Liu, and Lauren Myles; Vice Chair Rona Bortz; and Chair Madeline C. Di Giorgi.
- COUNCIL LIAISON:** Mayor Marina Khubesrian, MD
- STAFF PRESENT:** Arpy Kasparian, Water Conservation, Sustainability Analyst
Shahid Abbas, Public Works Director
Julian Lee, Deputy Public Works Director
Kristine Courdy, Deputy Public Works Director

PLEDGE OF ALLEGIANCE

- 1. Approval of Minutes – Meeting of August 27, 2019**

PUBLIC COMMENTS AND SUGGESTIONS

(Time limit is three minutes per person)

The Natural Resources and Environmental Commission (NREC) welcomes public input. Members of the public may address the NREC by completing a public comment card and giving it to the Water Conservation & Sustainability Analyst prior to the meeting. At this time, the public may address the NREC on items that are not on the agenda. Pursuant to state law, the NREC may not discuss or take action on issues not on the meeting agenda, except that members of the NREC 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.

Note: Public input will also be taken during all agenda items. Time allotted per speaker is three (3) minutes.

PRESENTATIONS

2. **Introduction of Youth Non-Voting Members**
3. **Introduction of Youth Commission Liaison**

ACTION ITEMS

4. **Tree Removal Hearing: 1674-82 Amberwood Drive**

Recommendation

It is recommended that the Natural Resources and Environmental Commission deny the removal of the two non-native trees at 1674-82 Amberwood Drive and approve pruning of two non-native ash trees.

5. **Overview of Current Weed Control Practices Citywide**

Recommendation

It is recommended that the City continue its current weed control practices in accordance with our Qualified Applicator License with the California Department of Pesticide Regulation.

6. **Adoption of the Proposed City Green Action Plan**

Recommendation

It is recommended that the Commission recommend to the City Council to adopt the proposed City Green Action Plan.

COMMUNICATIONS

7. **City Council Liaison Communications**
8. **Commissioner Communications**
9. **Staff Liaison Communications**
10. **Upcoming Events**
 - Watershed Restoration Program – 10/5/19 (San Gabriel Canyon Environmental Center)
 - Free Smart Gardening Workshop – 10/12/19 (Pasadena)
 - Upper District's WaterFest – 10/12/19 (Arcadia)
 - Dumpster Day – 10/19/19 (South Pasadena Unified School District Headquarters)

ADJOURNMENT**FUTURE NREC MEETINGS**

October 22, 2019	Council Chamber	7:00pm
November 26, 2019	Council Chamber	7:00pm

PUBLIC ACCESS TO AGENDA DOCUMENTS


Prior to meetings, agenda related documents are available for public inspection at, City Hall, 1414 Mission Street, South Pasadena, CA 91030. The complete agenda packet may also be viewed on the City's website at: <https://www.southpasadenaca.gov/government/boards-commissions>

ACCOMMODATIONS

The City of South Pasadena wishes to make all of its public meetings accessible to the public. Meeting facilities are accessible to persons with disabilities. If special assistance is needed to participate in this meeting, please contact the City Clerk's Division at (626) 403-7230. Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities. Hearing assistive devices are available in the Council Chamber. 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).

I declare under penalty of perjury that I posted this notice of agenda 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.

9/19/19
Date


Arpy Kasparian
Water Conservation and Sustainability Analyst

**CITY OF SOUTH PASADENA
NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION
MINUTES – August 27, 2019**

1) Call to Order/Roll Call: The meeting was called to order at 7:02 pm. Present were: William Kelly, Amy Jones, Cynthia Liu, Lauren Myles, Rona Bortz, Stephen Leider, and Madeline Di Giorgi. Council Liaison Dr. Marina Khubesrian was present. Staff present: Julian Lee, Deputy Public Works Director; Shahid Abbas, Public Works Director; and Arpy Kasparian, Water Conservation & Sustainability Analyst.

2) Approval of Minutes – Meeting of July 23, 2019
Minutes approved. (Myles, Di Giorgi; unanimous)

Correction to Agenda: remove “Recommendation” from the discussion item, “Discussion on Plastic Waste Recommendation” to emphasize it is a discussion item and not an agenda item.

3) Public Comment:

Michelle Hammond – 1421 Rollin St. – Spoke in support of reducing plastics and implementing actions in the bike plan.

Aerin Kim – Resident - Spoke in support of banning single-use plastics.

Nikita Mankad – Resident - Spoke in support of single-use banning plastics.

Liam de Villa – Resident - Spoke in support of banning single-use plastics.

Cheryl Auger – Ban SUP (organization) – Suggested that the NREC respond to the amendments that were made to SB54. Also spoke in support of AB729.

Juliana Fong – Youth Commissioner – Spoke in support of banning single-use plastics.

Ben Tansy – Resident - Discussed the impacts of the closing of the rePlanet recycling centers and asked that City work with grocery stores to establish a beverage recycling center in the City.

Kathy Eastwood – Resident – Spoke in support of a circular economy and banning single-use plastics.

Reordering of Agenda to move Discussion Item 8B: Discussion on Plastic Waste after Public Comment.

8) Discussion Items:

B. Discussion on Plastic Waste

Stephanie Payne Campbell – Resident, South Pasadena Beautiful – Expressed that education and outreach is important when it comes to environmental issues. There should be a public awareness program that utilizes the Farmers Market, Chamber of Commerce, etc. as a means of communication and outreach.

Barbra McLendon – Resident - Spoke in support of the actions suggested by NREC to reduce plastic waste.

Ethan Martinez – Resident – Spoke in support of banning single-use water bottles and suggested installing water bottle refill stations throughout the city.

Amber Chen – Resident – Spoke in support of the actions suggested by NREC to reduce plastic waste. Mentioned that overuse of air conditioning is a problem and the City should provide education on this.

Max Jimenez – Resident – Spoke in support of the actions suggested by NREC to reduce plastic waste. Mentioned that, although it was a big feat, it was possible since our city is small.

Morey Wolfson – Resident – Spoke in support of the actions suggested by NREC. As a member of the Pasadena Environmental Advisory Commission, he mentioned that the City of Pasadena is paying attention to South Pasadena's actions as they are discussing similar issues.

Laurie Wheeler – Chamber of Commerce – Was not able to speak on behalf of all businesses since she hadn't done outreach to all of them yet, but had suggestions for implementing plastic waste reduction actions in the City. Those suggestions are: consider creating a task force for businesses to determine alternatives, have a showcase event for plastic alternatives, work with regional organizations to discover best practices. She expressed that the Chamber wanted to work with these changes, but asked that the challenges of doing business in South Pasadena be considered.

Barbara Eisenstein – Resident - Spoke in support of the actions suggested by NREC to reduce plastic waste. Suggested working with schools to install refill stations and large scale composting facilities.

Ellen Finkelppearl – Ban SUP (organization), Pasadena Resident – Spoke in support of banning single-use plastics.

Bee Simpson – Resident – Spoke in support of banning single-use plastics.

Liam de Villa – Resident – Suggested that the focus should be on reducing and reusing plastics rather than recycling.

Commissioner Liu commented on the lack of community education on topics such as recycling awareness. She is a big public school advocate and suggested that sustainability initiatives be integrated into the curriculum. Commissioner Bortz gave a summary of coastal cleanup efforts and other programs implemented by the City of Santa Monica. Suggested the City use them as examples. Commissioner Jones expressed that the City should collaborate more with other cities. Holding a workshop on how to live without plastic would be a great way to provide education and outreach to residents. She commented that issues of noncompliance should be addressed. Commissioner Di Giorgi provided examples of other cities that have made steps toward banning single-use plastics including San Francisco, Berkeley, Santa Monica, and Manhattan Beach. Commissioner Kelly expressed that it was important for the city to address plastics as the cost of hauling is being passed on to the people. Commissioner Myles expressed support for considering all impacts and moving

forward. Commissioner Leider expressed that it was important to take into consideration how a single-use plastics ban would impact businesses and to ensure that the City works with businesses throughout the process.

4) Staff Liaison Comments:

Arpy introduced the new Deputy Director of Public Works, Julian Lee, and the new Director of Public Works, Shahid Abbas. They provided a brief background on their experience.

5) Council Liaison Comments:

Mayor Khubesian announced that South Pasadena would be hosting a zero-waste event for LA County mayors.

6) Commission Comments:

Commissioner Liu explained that big changes are dependent on shifting consumer patterns. Commissioner Bortz gave an update on the success of South Pasadena Beautiful's Repair Café event. Commissioner Jones announced that South Pasadena Beautiful plans on incorporating greywater systems into their Garden Tour in the spring. Commissioner Di Giorgi gave an update on her work with Green Peace passing out scorecards for businesses. Commissioner Kelly stated that he would not be in attendance at the next meeting. Commissioner Myles had no comments. Commissioner Leider had no comments.

7) Action Items:

A. Water Conservation Rebates and Programs FY 19-20

Kasparian presented the Water Conservation Rebate Program for fiscal year 2019-20. Commissioner Bortz expressed that she would have liked to see greywater incorporated into the program. The Commission voted to approve the program.

B. Overview of Current Weed Control Practices Citywide

Kasparian presented an update on weed control practices outlining the City's current compliance and challenges anticipated by switching to alternatives including increased costs. The Commission voted to table this item and requested more information including the amount of glyphosate used per month and a breakdown of the additional costs to switch to alternatives.

8) Discussion Items:

A. Water Bottle Refill Stations Update

Kasparian gave the Commission an update on the water bottle refill stations being installed in the City's public parks. This is a project led by Community Services.

9) Upcoming Events: Free Household Hazardous & Electronic Recycling Waste Round Up – 8/31/19 (South Pasadena Unified School District Headquarters); LA Compost Free Composting Workshop – 9/14/19 (El Sereno Community Garden)

Adjournment – Meeting adjourned at 9:09p.m. (Di Giorgi; unanimous)

I HEREBY CERTIFY that the foregoing minutes were adopted by the Natural Resources and Environmental Commission of the City of South Pasadena at a meeting held on September 24, 2019.

Madeline Di Giorgi, Chair



Natural Resources & Environmental Commission Agenda Report

ITEM NO. 4

DATE: September 24, 2019

FROM: Kristine Courdy, Deputy Director of Public Works *KC*

SUBJECT: **Request to Remove Two Non- Native Trees at 1674-82 Amberwood Drive**

Recommendation

It is recommended that the Natural Resources and Environmental Commission deny the removal of the two non-native trees at 1674-82 Amberwood Drive and approve pruning of two non-native ash trees.

Background

On January 2, 2019, the applicant submitted a Private Property Tree Removal application to remove three non-native Ash trees. The City Arborist inspected the trees and provided an assessment that one tree was illegally removed and the other trees need canopy cleaning and root pruning. In February 2019, staff requested a second inspection of the trees at which time the opinion was all of the trees were healthy and pruning was recommended. On June 7, 2019, the public notice was mailed to neighbors and the City received no letters of opposition. The tree removals were denied as they did not meet the tree removal criteria set forth in the South Pasadena Municipal Code (SPMC). The non-intentional tree removal penalties will be applied in response to the illegal tree removal.

Discussion/Analysis

According to the South Pasadena Municipal Code (SPMC) Section 34.13, applicants can appeal decisions of the Director to the Natural Resources and Environmental Commission (NREC). On August 7, 2019, the applicant resubmitted his letter of appeal dated January 15, 2019 and requested a hearing before the NREC.

- 1). The applicant claims the ash trees which are non-native or drought tolerant is a hazard and has caused problems with lifting the sidewalk, curb and street.
 - *SPMC Section 34.11(a)(1) Where the tree itself, its excess foliage or its limbs poses a reasonable risk of injury or harm to any persons or property, or is interfering with a structure or building, and there is no feasible and reasonable alternative to mitigate the interference.*

City Response: Staff completed some patch work to the sidewalk and additional repairs will be completed as funds become available.

2). The applicant claims his insurance has been cancelled due to the damage to the sidewalk, curb and street, which is an unreasonable hardship.

- *SPMC 34.11(a)(2) Where, upon taking into account the size, shape, topography and existing trees upon the lot, the denial of the permit would create an unreasonable hardship on the property owner.*

City Response: The City has not received any documentation supporting the claim that the sidewalk or trees caused the insurance to be cancelled.

3. The applicant is willing to plant three crape myrtle trees as replacements.

- *SPMC 34.11(a)(4) For the removal of significant or mature trees, where the proposed replacement tree planting provides greater benefits than the existing tree's value, benefits or species.*

City Response: In order to mitigate the proposed tree removals the SPMC requires 14 replacement trees to be planted.

Based on the City's review of the information provided by the applicant there is not sufficient information to support the removal based on the criteria for removal outlined in the SPMC Chapter 34.11.

Legal Review

The City Attorney has reviewed this item.

Fiscal Impact

The applicant has paid the initial tree removal inspection fee of \$154.50 and the double permit fee will be assessed for the illegal removal.

Environmental Analysis

This item is exempt from any California Environmental Quality Act (CEQA) analysis.

Public Notification of Agenda Item

The public was made aware that this item was to be considered this evening by virtue of its inclusion on the legally publicly noticed agenda, posting of the same agenda and reports on the City's website and/or notice in the *South Pasadena Review* and/or the *Pasadena Star-News*.

Attachments

1. Application
2. Appeal
3. Photos

ATTACHMENT 1
Application

CITY OF SOUTH PASADENA
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

1414 Mission Street - South Pasadena - CA 91030 - 626-403-7240

RECEIVED
JAN 02 2019

PRIVATE PROPERTY TREE REMOVAL/REPLACEMENT PERMIT APPLICATION

Please submit site plan if more than three (3) trees are involved.

PERMIT FEES: Inspection: \$154.50 plus PERMIT NO. _____
Permit \$121.50 #243.

JOB SITE: 1674-82 Amberwood DR

PROPERTY OWNER'S NAME(S): Erik Altmetz PHONE: 626 298-0343

ADDRESS: _____

CONTRACTOR'S NAME: TRUJILLO Tree Service

ADDRESS: _____ PHONE: 626 500 3678

CITY BUSINESS LICENSE NO: 26 CA 229 9784

**Trees 4" in diameter or greater are Mature Trees - Include all conditions warranting the removal
Please Submit plan if more than three (3) trees are involved**

(1) Type/Variety: California Ash Size of Tree: 3.2" Diameter approx 5
Location of Tree: near sidewalk
(specific location on property, i.e. front side back yard)

List Reasons for requesting this tree removal: Lifting sidewalk - curb + street Insurance cancel once -
(include all conditions warranting the proposed work.)

(2) Type/Variety: Calif Asch Size of Tree: 30" Approx before 35"
Location of Tree: same
(specific location on property, i.e. front side back yard)

List Reasons for requesting this tree removal: same
(include all conditions warranting the proposed work.)

(3) Type/Variety: Calif Asch Size of Tree: 30" Approx 37"
Location of Tree: same
(specific location on property, i.e. front side back yard)

List Reasons for requesting this tree removal: same
(include all conditions warranting the proposed work.)

PRIVATE PROPERTY TREE REMOVAL/REPLACEMENT PERMIT CONDITIONS:

- (1) Conditions must exist to warrant the removal of any mature tree. Healthy trees which are not causing a hardship on the property owner shall not be approved for removal.
- (2) Tree removals will include complete removal of the stump and backfill of the hole.
- (3) For every tree approved for removal, multiple replacement trees must be planted anywhere on the owner's property or on City's property upon City's approval. For replacement tree(s) planted in the parkway, root barriers will be required to control the root system. The size of the replacement tree(s) is (are) based on the diameter of the trunk and they type/variety of the approved tree(s) for removal. The replacement tree(s) must be a minimum of 24" box size or as specified by the Engineering Division.
- (4) Replacement trees must be planted within 90 days of the issuance date on the permit.
- (5) Prior to planting the replacement trees, a final inspection must be conducted by the City inspector to verify conformance with tree replacement requirements. Please call to schedule an appointment at (626) 403-7370, Monday through Friday, 7:30 a.m. to 4:00 p.m.
- (6) A 100-foot radius map and mailing labels shall be required to provide public notice of the tree removal. Residents within a 100-foot radius of the property shall be given 15-days to comment on the tree removal prior to issuance of the permit.

APPLICANT SIGNATURE: Earl F. Stroud DATE: 1-2 2019

City use only	
1.	Recommended for Approval or Denial <u>ILLEGAL REMOVAL</u> Type/Variety Inspected: <u>ASH</u> Size of Tree: <u>53" DBH</u> Replacement Tree Size <u>24" BOX</u> Qty <u>6</u> Due by <u>3/4/19</u> Comments <u>TREE REMOVED ILLEGALLY</u> Inspected By <u>DAVE NIZNIK WE12290A</u> Date Inspected <u>1/3/19</u>
2.	Recommended for Approval or <u>Denial</u> Type/Variety Inspected: <u>ASH</u> Size of Tree <u>35" DBH</u> Replacement Tree Size <u>24"</u> Qty <u>4</u> Due by _____ Comments <u>TREE NEEDS CANOPY CLEANING & POSSIBLE ROOT PRUNING DUE TO SIDEWALK DAMAGE.</u> Inspected By <u>DAVE NIZNIK WE12290A</u> Date Inspected <u>1/3/19</u> (When/IF sidewalk is replaced)
3.	Recommended for Approval or <u>Denial</u> Type/Variety Inspected: <u>ASH</u> Size of Tree <u>37" DBH</u> Replacement Tree Size <u>24"</u> Qty <u>4</u> Due by _____ Comments: <u>TREE NEEDS CANOPY CLEANING & POSSIBLE ROOT PRUNING DUE TO SIDEWALK DAMAGE</u> Inspected By <u>DAVE NIZNIK WE12290A</u> Date Inspected <u>1/3/19</u> (When/IF sidewalk is replaced)

1 tree already removed illegally



NOTES: REBECCA MEJIA ISA WE 2355 A

GENERAL OBSERVATIONS

- SIDEWALK DISPLACEMENT - CITY RESPONSIBILITY
- ANY REPAIRS TO HARDSCAPE CAN BE MADE WITHOUT IMPACT TO HEALTH OR STABILITY
- BOTH TREES ARE LARGE, MATURE & HEALTHY; PRUNING IS HIGHLY RECOMMENDED TO CLEAN & THIN CROWNS

1674 AMBROWOOD - SHAMEL ASH

- PRUNING - TREE TOPPED IN PAST, RESULTING IN NUMEROUS CO-DOMINANT STEMS
- SMALL DEAD TWIGS / BRANCHES
 - GOOD NEW FOLIAR PRODUCTION

1682 AMBROWOOD - SHAMEL ASH

- HEALTHY, NEW FOLIAGE
- SMALL AMOUNT OF TWIG DIEBACK NOT ABUNDANT.
- PRUNING.

I DO NOT SEE ANYTHING WITH REGARDS TO THE HEALTH OR STRUCTURE OF EITHER TREE THAT WOULD INDICATE REMOVAL IS NECESSARY AT THIS TIME.

ATTACHMENT 2
Appeal Letter

January 15, 2019

Request and Appeal to remove 3 Ca. ash trees at 1674-1682 Amberwood Dr. S.Pasadena, Ca.

Dear S. Pasadena Directors and Council Members;

We, Erik and Brigitte Altmetz, have owned the above property for 40 years, since 1978. The sidewalk and curb has been a problem since then. The cause of the problem are the three Ca. ash trees on our property lifting the sidewalk, curb, and street. Our Insurance Co. has requested us to repair the damage. We asked the public works department and they assured us that they would patch up everything. But to late, our insurance was canceled. Years later the sidewalk was finally replaced. 5Years or more later everything started lifting again, but even worse. Ca. ash trees do all this damage in search of water. Again, the sidewalk, curb, and street is a hazard to our public. We definitely would not like to be in a class action suite if someone gets injured.

These Ca. Ash trees are not on the Southern Ca. Native Tree List, nor on the Drought Tolerance List. Our trees must be over 85 years old. What is the life expectancy? 5 or 10 more years? A main gas line pipe runs under the roots of one tree, which could get damaged anytime unexpectedly. Just another time bomb of trouble.

initial plans were to repair the sidewalk

At the property we have approximately 3000sq.ft of landscaping. There are 23 trees, 22 bushes, and 5 palms and the rest is ivy. It consumes a lot of water. We are one of a few up on the hill with such greenery.

See landscape illustration and google view. *2 - 9 Landscape - 4 Curb Pictures*

I would like to remove all three Ca. Ash trees, which are not on the Native and Drought Tolerance List, and replace them with 3 crape myrtle trees. This would eliminate any future damage to sidewalk, curb, and street and hazards to the public. It would also save the city of S. Pasadena future reconstruction expense.

We hope you can see our dilemma, and save us and you, the city, any future liability conflicts.

Thank you very much for understanding

Erik and Brigitte Altmetz

626 798-7726
gittiomi@charter.net

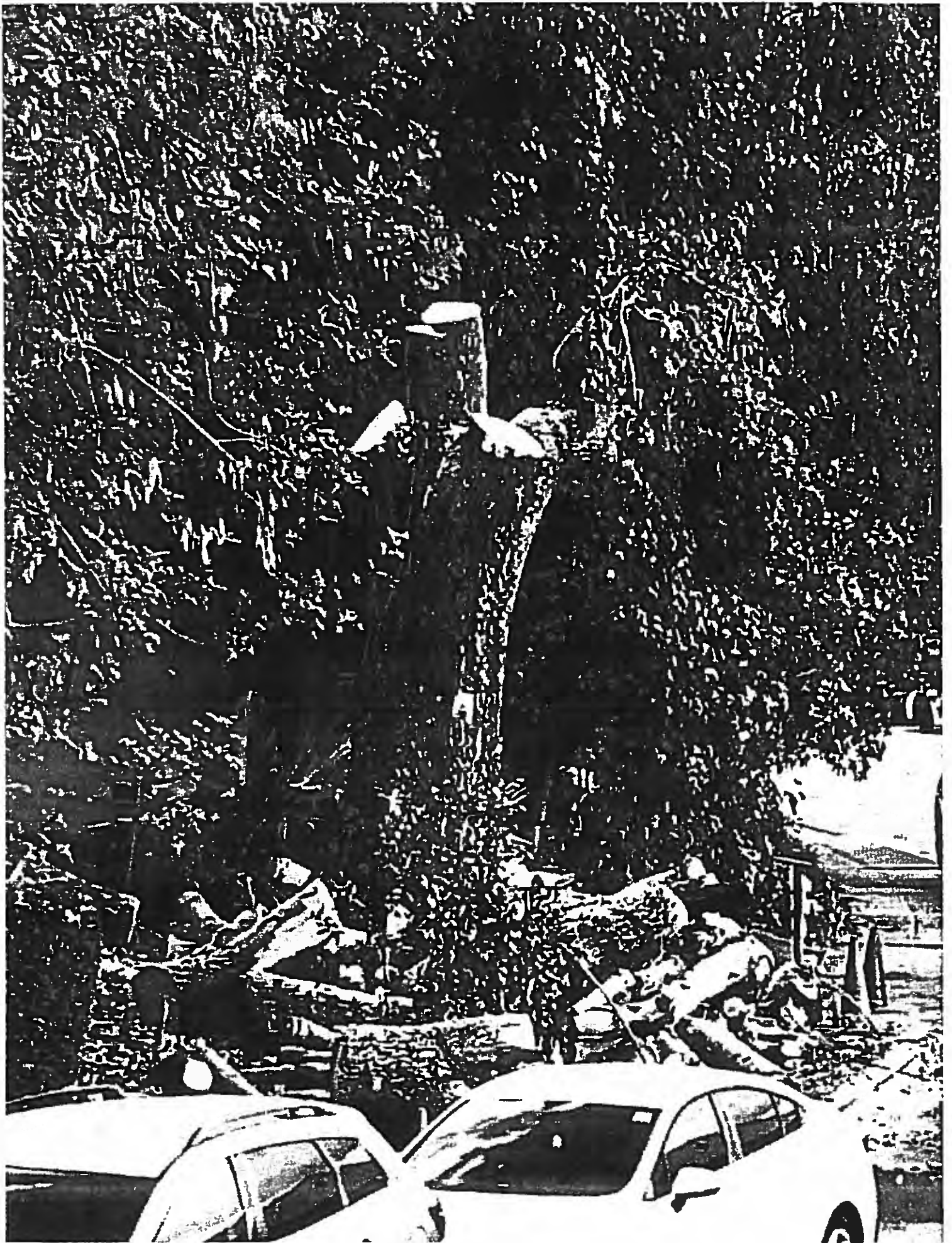
*1475 Old House Road
Pasadena, CA
91107*

CITY OF SOUTH PASADENA
RECEIVED

JAN 23 2019

PUBLIC WORKS DEPT.

ATTACHMENT 3
Photos





3

3.



2

2.

Google Maps 1670 Amberwood Dr



Google

Image capture: Aug 2015 © 2019 Google

South Pasadena, California

Google, Inc.

Street View - Aug 2015

4-13

9.



3

8.



1 - Curb



2-C
VFB

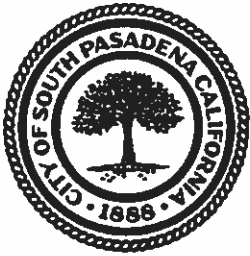


3-C

<https://mail.google.com/mail/u/0/?tab=wi#inbox/FMfgxwBVMjZTDTRzVqplmyme...>







Natural Resources & Environmental Commission Agenda Report

ITEM NO. 5

DATE: September 24, 2019
FROM: Kristine Courdy, Deputy Public Works Director *ke*
Arpy Kasparian, Water Conservation & Sustainability Analyst
SUBJECT: Update on Current City Weed Control Practices

Recommendation

It is recommended that the City continue its current weed control practices in accordance with our Qualified Applicator License with the California Department of Pesticide Regulation.

Background

Recently, glyphosate has become controversial due to the fact that the World Health Organization's International Agency for Research on Cancer (IARC) said that the chemical is "probably" carcinogenic to humans. To address this expressed concern, the U.S. Environmental Protection Agency (EPA) – Office of Chemical Safety and Pollution Prevention (OCSPP) reviewed the use of glyphosate, and issued a report on April 30, 2019 reiterating that EPA continues to find no risks to public health when glyphosate is used in accordance with its current label and that glyphosate is not a carcinogen. The EPA also states that its findings on human health risk are consistent with the conclusions of science reviews by many other countries and federal agencies.

Discussion/Analysis

In South Pasadena, glyphosate-based weed control products (ex: Roundup) are used on an as-needed basis in limited areas, which include only planters, medians, and hardscape cracks. Glyphosate is not used on any turf areas. For reference, Attachment 1 is a map of Garfield Park. The areas highlighted in blue are the only areas that are treated with glyphosate. The table below shows the amount of glyphosate used in the previous months.

Month	Roundup Used (oz)
October 2018	18 oz
November 2018	24 oz
December 2018	0 oz
January 2019	46 oz
February 2019	17 oz
March 2019	0 oz
April 2019	0 oz
May 2019	0 oz
June 2019	0 oz
July 2019	24 oz

Overview of Current Weed Control Practices Citywide and Alternatives

September 24, 2019

Page 2 of 3

In addition, efforts are made to minimize the use by increasing dilution. Currently, two ounces of Roundup is used per one gallon of water (a mixture with one and a half percent Roundup). The product label suggests dilution rates up to thirteen ounces of Roundup per one gallon of water (a mixture with ten percent Roundup).

The City has a Qualified Applicator License with California Department of Pesticide Regulation to oversee pesticide use in landscaped areas. The vendors contracted by the City also have licensed applicators overseeing their pesticide programs and report to the LA County Agricultural Commissioner (LACAC). The LACAC has an inspector assigned to the City who annually conducts inspections on the City's spray program.

Staff has evaluated the use of glyphosate in the City, researched the alleged health hazards with its use, and the alternative herbicides available to alleviate the hazardous risks. Alternatives are generally less effective and require more frequent applications to produce the same results as glyphosate-based herbicides. This results in higher product and labor costs. One of the alternatives reviewed by the University of Maryland is acetic acid (vinegar). Although it has a rapid kill rate and breaks down quickly in the environment, acetic acid does not kill roots, will kill or damage desirable plants, and if misused can cause severe health issues such as burns and chronic bronchitis. A list of alternative herbicides, compiled by North Carolina State University (Attachment 2) highlights that some organic herbicides can be more dangerous than chemical-based herbicides.

Staff foresees the following challenges with switching to alternative methods of weed control:

1. Higher product and labor costs.
2. Less effectiveness of the alternatives resulting in more frequent and concentrated applications.
3. Installation and maintenance of three-inch layers of mulch would be needed in areas currently being sprayed with glyphosate-based herbicides to suppress weed growth.
4. Public perception of lower service level and reduced property values due to appearance.

Given the substantial increase in costs, the lack of effectiveness of alternatives, and the City is currently using glyphosate in a limited and compliant manner, staff does not recommend making any changes to current weed control practices at this time.

Alternatives Considered

1. Non-glyphosate based conventional herbicide (ex: Lifeline)
2. Organic herbicide (ex: Mirimichi Green)
3. No herbicides (manual labor pulling weeds)

Fiscal Impact

City staff received a lump sum estimate from the Contractor that alternative treatments could cost the City up to an additional \$12,000 per month. This would bring the total landscape maintenance cost from \$25,783.15 to \$37,783.15 per month (an increase of \$144,000 per year) to

Overview of Current Weed Control Practices Citywide and Alternatives

September 24, 2019

Page 3 of 3

maintain the existing level of service. The effectiveness of these alternatives in South Pasadena remains unknown.

Public Notification of Agenda Item

The public was made aware that this item was to be considered this evening by virtue of its inclusion on the legally publicly noticed agenda, posting of the same agenda and reports on the City's website and/or notice in the *South Pasadena Review* and/or the *Pasadena Star-News*.

Attachments:

1. Map of Garfield Park
2. List of Alternative Herbicides

ATTACHMENT 1
Map of Garfield Park

GARFIELD PARK



ATTACHMENT 2
List of Alternative Herbicides

List of Alternative Herbicides

North Carolina State University

Signal words and Organic Materials Review Institute (OMRI) certifications for glyphosate and chemical alternatives for use in managed landscapes

Herbicide	Trade name(s)	Signal word	OMRI certified
glyphosate	Roundup Pro and many more	Caution	No
glufosinate†	Finale	Warning	No
pelargonic acid	Scythe	Warning	No
ammonium nonanoate (=pelargonic acid)	Axxe	Warning	Yes, with restrictions
ammonium soaps of fatty acids	FinalSan	Warning	Yes
caprylic and capric acid	Suppress	Warning	Yes
vinegar / acetic acid	WeedPharm, many others	Danger	Yes, check specific labels
d-limonene	AvengerAG	Caution	Yes
plant oils (clove, cinnamon, citric, others)	many	Danger	Yes, check specific labels

Selective Broadleaf Weed Control and Sedge Control

Herbicide	Trade name(s)	Signal word	OMRI certified
triclopyr	Southern Ag Brush Killer, and others	Caution	No
clopyralid†	Lontrel & others	Caution	No
bentazon	Basagran TO	Caution	No
halosulfuron	Sedgehammer	Caution	No
sulfentrazone†	Dismiss	Caution	No

Selective Grass Control


Herbicide	Trade name(s)	Signal word	OMRI certified
clethodim	Envoy, others	Caution	No
fenoxaprop-ethyl	Acclaim Extra	Caution	No
fluzifop-p	Fusilade II, others	Caution	No
sethoxydim	Segment and others	Caution	No



Natural Resources & Environmental Commission Agenda Report

ITEM NO. 6

DATE: September 24, 2019

FROM: Julian Lee, Deputy Director of Public Works 
Arpy Kasparian, Water Conservation & Sustainability Analyst

SUBJECT: Adoption of the Proposed City Green Action Plan

Recommendation

It is recommended that the Commission recommend to the City Council to adopt the proposed City Green Action Plan.

Background

Sustainability is an important aspect in the City of South Pasadena's way of life as exemplified by the City's participation in the Clean Power Alliance, the adoption of the expanded polystyrene ban ordinance, and the inclusion of sustainability in the City's Strategic Plan. The Natural Resources and Environmental Commission (NREC) advises City Council on matters pertaining to conservation and sustainability in general.

In accordance with the NREC Work Plan, the Commission has produced a number of sustainability programs and initiatives. With the input from the NREC and the public, these initiatives were further prioritized and recommended for consideration for the City Green Action Plan (CGAP); an interim plan consisting of actions to be taken to support short-term sustainability goals.

Simultaneously to the CGAP, the City is also in the process of completing a Climate Action Plan (CAP); a long-term plan aimed to reduce the City's greenhouse gas emissions. The anticipated completion date of the CAP is the end of calendar year 2020. The short-term CGAP will allow City Staff to act on the initiatives recommended by the NREC in the interim. The actions in the CGAP will act as stepping stones for the broader and longer-term CAP.

Discussion/Analysis

Based on the input received from NREC, City Staff drafted the CGAP with four overarching goals and a tentative timeline of January 2020 to June 2021. The goals address plastic reduction, water conservation, organics diversion, and heat island mitigation. Each goal includes strategies and specific actions for achieving these objectives. City department representatives participated in a workshop that allowed for all departments to provide feedback on the actions proposed in the plan, ensuring its success. Attachment 1 is the draft CGAP which includes goals, strategies, actions, and resources needed. In addition, the final plan will include background information, outreach information, and instructions on how to read the plan.

Next Steps

1. Staff will review Commission recommendations and incorporate them into the City Green Action Plan if feasible.
2. The updated City Green Action Plan will be presented to City Council for adoption.
3. Once plan is adopted, Staff will present quarterly updates on the progress of the plan.

Fiscal Impact

A portion of the actions will be funded through the Water Efficiency Projects Budget (Account: 503-6713). A few actions will be dependent on obtaining additional funds for staffing, printing, signage, etc.

Public Notification of Agenda Item

The public was made aware that this item was to be considered this evening by virtue of its inclusion on the legally publicly noticed agenda, posting of the same agenda and reports on the City's website and/or notice in the *South Pasadena Review* and/or the *Pasadena Star-News*.

Attachment: Draft City Green Action Plan

GOAL I: Work towards making South Pasadena a plastic-free city

Play 1: Reduce use and sale of single-use plastics

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Municipal	1.1: Update the City's Environmentally Preferable Purchasing (EPP) Policy to be adopted by all City Departments.	A strong EPP policy eliminates over-ordering, reduces waste, and guides departments to purchasing local and eco-friendly options including recycled copy paper and compostable utensils.	Document	Public Works Finance Management Services NREC	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
Municipal	1.2: Develop a plastic-free/zero waste guide for City events.	A zero waste guide will provide specific steps to City staff on how to set up a plastic-free/zero waste event. It should include instructions on how to reduce plastics, obtain organics bins, post educational signage, and other steps vendors and event coordinators can take to ensure that a minimal, if not zero, amount of plastic is used.	Document	Public Works Finance Community Services NREC	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
Commercial	1.3: Explore the possibility of banning single-use plastics in food service stores.	Start the conversation among business owners to raise awareness of the issues with single-use plastics. Work with City departments and Chamber of Commerce to gauge fiscal impact and outline a possible plan for implementation.	Presentation to Chamber of Commerce members Meeting with City departments	Public Works Chamber of Commerce Management Services Finance	<u>FY 19/20</u> Quarter 4: April 2020 - June 2020	

Play 2: Encourage the use of reusables by providing resources, education, and funding

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Municipal	2.1: Seek funding to install more water bottle refill stations in public areas.	Water bottle refill stations are being installed in public parks. It would be beneficial to have stations installed in other public buildings including the Library, City Hall, and the Senior Center; however, installation is costly. Explore funding sources for this project.	Minimum 3 quotes for stations and installation Summary of funding sources	Public Works Community Services Finance Grants Management	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	
Commercial	2.2: Create an informational pamphlet on plastic alternatives and distribute to businesses.	There are several plastic alternatives on the market. An informational pamphlet that lists the alternatives and options on where to obtain them will help businesses begin their switch to plastic-free single-use items.	Electronic pamphlet	Public Works Chamber of Commerce Public Information Officer	<u>FY 19/20</u> Quarter 3: January 2020 - March 2020	
Commercial	2.3: Create checklists for businesses and restaurants on ways they can reduce their plastic and distribute.	Checklists provide clear steps.	Checklist for office/retail Checklist for restaurants	Public Works Chamber of Commerce Public Information Officer	<u>FY 19/20</u> Quarter 4: April 2020 - June 2020	

Commercial	2.4: Encourage businesses to participate in TAP, the app that identifies their location as a free water-refill spot.	Promote the app through communication channels. Consider offering shoutouts to participating businesses on social media.	Posts on social media and other communication channels including Chamber of Commerce	Public Works Chamber of Commerce Public Information Officer	<u>FY 19/20</u> Quarter 4: April 2020 - June 2020	
Residential	2.5: Create a Recycle & Reuse Directory.	Many residents want to do their part to recycle their materials or repair their broken items instead of purchase new ones, but don't know where to do so. This directory would provide that information.	Document: Factsheet	Public Works Chamber of Commerce Public Information Officer	<u>FY 19/20</u> Quarter 3: January 2020 - March 2020	
Commercial	*2.6: Provide mini-grants to businesses who need a jump start to switching to alternatives.	Explore funding sources to provide mini-grants to businesses that would help them with initial costs for switching to alternatives. Grants can be awarded to those most in need.	Grant funding source Grant application Promotion of program	Public Works Grants Management Finance Chamber of Commerce	<u>FY 20/21</u> Quarter 4: April 2021 - June 2021	Additional Staff Funding
Residential	*2.7: Explore possibilities of establishing a recycling center or beverage take-back program in South Pasadena.	With the closure of rePlanet and other recycling centers, residents have no where to go inside the City to recycled their beverage containers.	Document: Summary of options considered and resources needed	Public Works	<u>FY 20/21</u> Quarter 4: April 2021 - June 2022	Additional Staff
Residential	*2.8: Provide plastic reduction items to residents including water bottles, reusable utensils, containers, etc.	These items will help raise awareness and provide education on actual steps people can take to reduce their plastic. It will provide them with the tools they need to reduce their plastic consumption.	Minimum 3 quotes for each type of device/item Promotion of program Sign-in sheet to track items	Public Works Finance	<u>FY 20/21</u> Quarter 2: October 2020 - December 2021	Additional Staff Funding
Schools	*2.9: Provide workshops for parents that teach them how to prepare zero-waste lunches.	Work with SPB, SPUSD, and PTA to put together workshops for parents. This will help reduce waste in schools.	Workshop	Public Works	<u>FY 19/20</u> Quarter 3: January 2020 - March 2021	Additional Staff Funding

Play 3: Provide incentives and/or rewards for those actively working towards zero waste

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Commercial	3.1: Ask businesses to reward customers who bring in their own coffee mug, water bottle, to-go container, etc.	Offering a small monetary incentive for customers who bring in their own beverage containers will reduce plastic use and possibly reduce amount of supplies needed for the business.	Posts on social media and other communication channels including Chamber of Commerce	Public Works Chamber of Commerce Public Information Officer	<u>FY 19/20</u> Quarter 4: April 2020 - June 2020	
Commercial	*3.2: Explore ways to recognize businesses who are implementing zero waste practices.	Sustainable practices can be difficult to implement for businesses. Those businesses who do them in spite of the difficulties should be recognized and/or rewarded. Recognition programs encourage greater participation among other businesses and raise awareness among patrons. Some methods include: green business certification program, green business awards, physical display in businesses, certificate of recognition from City Council, etc.	Document: list of possible ways to recognize businesses and resources needed to implement each	Public Works Chamber of Commerce	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	Additional Staff

GOAL II: Enhance water conservation projects and programs

Play 1: Educate and promote greywater systems.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Municipal	1.1: Create an Integrated Water and Wastewater Resources Management Plan (IWWRMP).	An IWWRMP will include an integrated plan for potable water, recycled/non-potable water, sewer, and stormwater management/services.	Document: Integrated Water and Wastewater Resources Management Plan	Public Works	FY 20/21 Quarter 3: January 2021 - March 2021	Consultant
Municipal	1.2: Evaluate the feasibility of implementing a greywater rebate program.	Implementing a greywater system conserves water and reduces costs. Review City of Pasadena's program and evaluate the feasibility of implementing a similar program.	Document: Program outline and resources needed	Public Works Building and Planning	FY 20/21 Quarter 3: January 2021 - March 2021	Consultant
Residential	1.3: Work with South Pasadena Beautiful to promote a Garden Tour focusing on greywater systems.	This will increase awareness and education. Consider incorporating this into City's Earth Day events.	Posts on social media eNeighbors	Public Works Community Services Public Information Officer	FY 19/20 Quarter 3: January 2020 - March 2020	
Residential	1.4: Create informational materials on greywater systems.	These materials should include the following information: what they are, how they save water, cost estimates, how to implement in South Pasadena (approvals, codes, etc.).	Factsheet: lists steps	Public Works Building and Planning Public Information Officer	FY 19/20 Quarter 4: April 2020 - June 2020	
Municipal	*1.5: Educate/train Building and Planning Department on greywater systems.	Trainings will ensure that staff are up-to-date on requirements for greywater systems.	Training Session/Workshop	Public Works Building and Planning	FY 20/21 Quarter 3: January 2021 - March 2021	Consultant

Play 2: Promote the use of water conservation devices.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Municipal	2.1: Retrofit all water faucets in City facilities with low-flow aerators and post signage to raise awareness.	Inventory all water faucets in City facilities and indicate current faucet's flow rate (gpm). Switch to low-flow aerators. Create and post stickers to raise awareness.	All faucets will have new aerators Spreadsheet of old vs. new aerators if possible	Public Works Public Information Officer	FY 20/21 Quarter 2: October 2020 - December 2020	Signage funds
Municipal	2.2: Evaluate the current water conservation program in respect to local vendor supplies.	Determine how to incorporate a greater incentive for water conservation devices purchased within the City of South Pasadena for the next fiscal year. Purchasing locally contributes to a smaller carbon footprint and keeps funds within our City.	Document outlining potential incentives for local purchases vs. non-local	Public Works	FY 19/20 Quarter 4: April 2020 - June 2020	
Commercial; Residential	2.3: Continue to offer businesses and residents free water conservation devices including low-flow aerators, showerheads, and hose nozzles.	These devices go beyond behavioral changes and can provide actual water and cost savings. They will be provided at the Public Works counter.	Sign-up sheet at front counter	Public Works	FY 19/20 Quarter 3: January 2020 - March 2020	

Commercial; Residential	2.4: Promote rebates offered by Metropolitan Water District on water conservation devices.	Businesses and residents can get money back on their water conservation efforts. Promote through all communication channels including social media posts, City website, eNeighbors, etc.	Posts on social media eNeighbors City webpage	Public Works MWD	<u>FY 19/20</u> Quarter 3: January 2020 - March 2020	
----------------------------	--------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------	----------------------------	---------------------------------------------------------------	--

Play 3: Provide educational materials and expert advice on water conservation practices.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
All	3.1: Create checklists/pamphlets that give tips on how to conserve water at home, at work, and at school.	Promotes awareness and provides education.	Checklist Factsheet	Public Works Public Information Officer	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
Commercial; Residential	3.2: Partner with third party to offer water conservation assessments for homes and businesses.	This will provide tailored feedback to residents and businesses and help with individual questions and concerns.	Contract Promotion of program	Public Works	<u>FY 19/20</u> Quarter 4: April 2020 - June 2020	Consultant

Play 4: Increase water conservation efforts outdoors.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Commercial; Residential	4.1: Promote outdoor rebates offered by Metropolitan Water District on outdoor water conservation devices and the turf removal program.	Businesses and residents can get money back on their water conservation efforts. Promote through all communication channels including social media posts, City website, eNeighbors, etc.	Posts on social media eNeighbors City webpage	Public Works MWD Public Information Officer	<u>FY 19/20</u> Quarter 3: January 2020 - March 2020	MWD
Municipal	4.2: Host workshops on turf removal and native plants. Explore other water-wise landscaping workshop possibilities.	Turf Removal and Native Plant Workshops are offered through Upper San Gabriel Valley Municipal Water District. It is a great way to provide education and promote conservation efforts.	Turf Removal Workshop Native Plant Workshop	Public Works Community Services Upper District	<u>FY 20/21</u> Quarter 4: April 2021 - June 2021	Upper District
Municipal	4.3: Promote rebates offered by the City on water efficient plants, native trees, drip irrigation, and sprinkler nozzles.	Businesses and residents can get money back on their water conservation efforts. Promote through all communication channels including social media posts, City website, eNeighbors, etc.	New rebate applications Posts on social media eNeighbors City webpage	Public Works Public Information Officer	<u>FY 19/20</u> Quarter 3: January 2020 - March 2020	
Municipal	4.4: Develop and promote an impervious surface removal rebate program.	Removing impervious surface conserves water, captures stormwater, and replenishes the groundwater basin. Residents and businesses can get money back on their water conservation efforts. Promote through all communication channels.	Rebate application Factsheet: provides info and lists steps Posts on social media eNeighbors City webpage	Public Works Public Information Officer	<u>FY 19/20</u> Quarter 3: January 2020 - March 2020	
Municipal	4.5: Host a workshop on the Model Water Efficient Landscape Ordinance.	Coordinate with Metropolitan Water District to bring their MWELo workshop to South Pasadena. This will be beneficial for Building and Planning staff, contractors, landscape architects, etc.	MWELo Workshop	Public Works Chamber of Commerce MWD	<u>FY 20/21</u> Quarter 1: July 2020 - September 2020	MWD

GOAL III: Increase organics diversion from landfill

Play 1: Provide tools and education on how to avoid organics and food waste.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Commercial	1.1: Connect restaurants and grocery stores with food donation organizations.	Organizations such as Food Forward collect edible food that would otherwise be thrown away. Connecting restaurants and grocery stores to these organizations and starting food collection will reduce food waste, increase landfill/organics diversion, and provide food for those in need. Once information is gathered, distribute among commercial sector.	Document: list of food donation organizations and how to participate in their programs.	Public Works Chamber of Commerce	<u>FY 19/20</u> Quarter 4: April 2020 - June 2020	
Commercial	1.2: Provide strategies on how to avoid offering foods that are rarely eaten.	This will help raise awareness on food waste and could help reduce costs.	Document: list of strategies	Public Works Chamber of Commerce	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
Commercial; Residential	1.3: Provide education on AB1826 and the mandated requirements for organics diversion.	All businesses producing 4 cubic yards or more of waste are required to implement organics collection services. This requirement will apply to residents in the near future. It is important to know that efforts to divert organics from landfill are mandated by the state.	Flyer in trash bill inserts; Article in eNeighbors	Public Works Chamber of Commerce Athens Services	<u>FY 19/20</u> Quarter 3: January 2020 - March 2020	Consultant
Residential	1.4: Provide strategies on how to avoid food waste at home.	This will help raise awareness on food waste and could help reduce costs.	Document: list of strategies	Public Works	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
Schools	<i>*1.5: Provide strategies on how to avoid offering foods that are rarely eaten at school.</i>	<i>This would be a resource for schools and could help reduce food waste as well as costs.</i>	<i>Document: list of strategies</i>		<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	<i>Additional Staff</i>

Play 2: Provide tools and education on how to compost individually.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Commercial; Residential	<i>*2.1: Host free composting workshops or promote workshops in neighboring cities.</i>	<i>This will provide residents and business owners the knowledge they need to start composting at home which will increase organics diversion and reduce costs.</i>	<i>Workshop</i>	Public Works Community Services Chamber of Commerce Public Information Officer Athens Services	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	<i>Additional Staff Funding</i>
Municipal	<i>*2.2: Provide free or discounted composting bins to those who participate in workshops.</i>	<i>This will help initiate on-site composting.</i>	<i>Minimum 3 quotes for composting bins Summary of funding sources Sign-up sheet for residents/businesses</i>	Public Works Community Services Chamber of Commerce Public Information Officer Athens Services	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	<i>Consultant</i>

Play 3: Connect with local composting hubs.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Municipal	3.1: Connect with local composting organizations and determine if partnerships are possible.	Connecting with local organizations can provide the City with valuable resources on organics diversion and composting.	Meeting minutes	Public Works	FY 19/20 Quarter 3: January 2020 -	Consultant
Municipal	3.2: Explore ways to establish a composting hub in South Pasadena.	A local composting hub would provide businesses and residents a place to take their organics that is nearby and free. Determine requirements for locations and consider staffing options including volunteers.	Document: list of possible locations and resources needed	Public Works Planning Athens Services	FY 20/21 Quarter 1: July 2020 - September 2020	
Residential	3.3: Provide information on local composting hubs that are accepting compost.	Spreading the word on existing composting hubs will raise awareness and increase organics diversion.	Posts on social media eNeighbors City webpage	Public Works Public Information Officer	FY 19/20 Quarter 4: April 2020 - June 2020	
Schools	*3.4: Determine if any schools would be capable of establishing a composting hub.	Schools can make great central locations and are a great point of information and influence.	Meeting with SPUSD	Public Works SPUSD Community Services	FY 20/21 Quarter 2: October 2020 - December 2020	Additional Staff Funding

Play 4: Implement existing composting services.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL
Municipal	4.1: Deploy organics bins at all City facilities where feasible.	Work with Athens Services to deploy organics bins at City facilities where feasible including City Hall, Library, Senior Center, etc. The City will set an example and raise awareness.	Organics bins deployed at City facilities	Public Works Athens Services All City Departments	FY 20/21 Quarter 1: July 2020 - September 2020	
Municipal	4.2: Educate staff and the public on what can and cannot be composted (i.e. create signage).	Work with Athens Services to distribute flyers and signage for composting. Send to all City employees and encourage them to be leaders in sorting out their organics.	Flyer Signage	Public Works Athens Services Public Information Officer	FY 20/21 Quarter 1: July 2020 - September 2020	Signage Funds
Commercial	4.3: Inform businesses via trash bill inserts and Chamber of Commerce of available composting services.	Businesses that produce a large quantity of organics and cannot compost on site or haul to a composting hub should implement composting services provided by Athens.	Increase in number of businesses with organics service (data provided by Athens)	Public Works Athens Services Chamber of Commerce	FY 19/20 Quarter 3: January 2020 - March 2020	Printing Funds

Play 5: Provide incentives and/or rewards for those actively working towards diverting organics.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	RESOURCES
Commercial	*5.1: Explore ways to recognize businesses who are implementing organics diversion practices.	Sustainable practices can be difficult to implement for businesses. Those businesses who do them in spite of the difficulties should be recognized and/or rewarded. Recognition programs encourage greater participation among other businesses and raise awareness among patrons. Some methods include: green business certification program, green business awards, physical display in businesses, certificate of recognition from City Council, etc.	Document: list of possible ways to recognize and resources needed to implement	Public Works Chamber of Commerce	FY 20/21 Quarter 3: January 2021 - March 2021	Additional Staff

Watershed Restoration Program



Upper District & USDA Forest Service
Watershed Restoration Partnership



Sat., October 5, 2019
and
Sat., November 2, 2019

8:00 am to 12:00 pm



Students can earn community service hours.

All ages welcome.

Adult supervision of children is required.



Meet at the San Gabriel Canyon Environmental Education Center.



Poor weather may cause cancellation of an event. Call (626) 443-2297 and press #223 anytime after 5:00 pm the day before an event to verify event status.

REMEMBER TO:

- Bring drinking water.
- Must have own transportation for duration of event: dropping off attendees and leaving them without transportation during the event is not permitted.
- Start with a full gas tank. During the event, participants are usually directed to drive from the meeting area to a different location further up Azusa Canyon.
- Consider bringing work or garden gloves.
- Wear sturdy, non-skid, closed-toe shoes (*sneakers, hiking boots, etc.*).
- The drive along Highway 39 is on typical mountain terrain roads which means that during some portions of the drive there are twists, sharp curves, and narrow lanes.
- Dress in comfortable clothes that are safe and appropriate for working outdoors in the mountains. Bring a jacket since the weather may get cold. Sunscreen and hats are also suggested.
- Please arrive on time: volunteers arriving late may miss participating since work is often done at other locations.

If you have a group of six or more people planning to attend, please contact Freddie Duncan of the US Forest Service via email fduncan@fs.fed.us or phone (626) 335-1251 or contact Ruben Gallegos of the Upper District via email ruben@usgvmwd.org or phone (626) 443-2297.



You're invited to a free Smart Gardening Workshop



Saturday • October 12, 2019 • 9:30 am - 11:00 am



Learn the basics of backyard composting, water-wise gardening, worm composting, grasscycling, and edible gardening. No reservations needed.

Bring friends and neighbors!

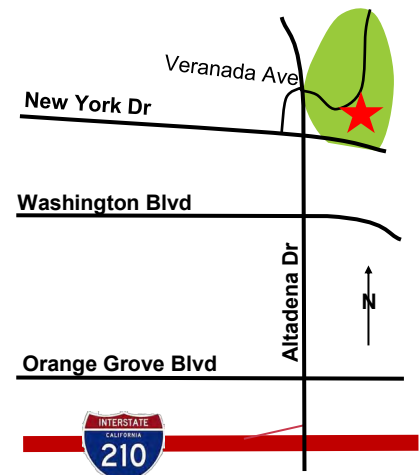


Compost bins will be available for purchase at a discount after you attend the workshop by cash, check, or credit card.

\$40 (\$100 value)
Backyard Compost Bin



\$65 (\$140 value)
Worm Compost Bin
(includes worms)



Eaton Canyon Nature Center
- Auditorium -
1750 N Altadena Dr
Pasadena

1(888)CLEAN LA CleanLA.com smartgardening.com



WATERFEST

FREE!!
GIVEAWAYS!!!

FREE!!
ACTIVITIES

FOOD TRUCKS!



FREE!!
POPCORN

FREE!!
GAMES

FREE!!
COTTON CANDY



OCTOBER 12, 2019
10AM - 2PM



ARCADIA COUNTY PARK
405 S. SANTA ANITA AVE.
ARCADIA, CA 91006

FOR MORE INFORMATION PLEASE
CALL 626/443-2297 OR VISIT
WWW.UPPERDISTRICT.ORG

www.southpasadenaca.gov



Senior Citizen Dumpster Day

Offered by the City of
South Pasadena

Week of October 15 THROUGH 18, 2019

No hazardous waste will be accepted

Senior Citizen residents can have large furniture or appliances picked up from their homes for free.

Seniors are asked to have all items collected and readily available
in an outdoor area near trash containers

Items will be picked up on the same day as
regular rubbish pick up the week of October 15 thru 18, 2019.

Reservations are required for all pick ups.

Calls will be taken at the

South Pasadena Senior Center at (626) 403 - 7360

Deadline for all reservations:

Friday, October 11, 2019 by 12 noon

All other residents can drop off items on Saturday, October 19, 2019
8 am to 2 pm Arroyo Drive (south of Mission Street).

For questions with pick up contact

Leonna DeWitt Public Works Department: 626-403-7240;

LDewitt@southpasadenaca.gov

OR



1-888-336-6100

GOAL IV: Mitigate impacts of the urban heat island effect

Play 1: Review and strengthen parking lot ordinances and/or enforcement if needed.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL
Municipal	1.1: Review parking lot codes and design standards and identify how they can be improved.	Identify parking lot codes and review ways (if any) it addresses urban heat island effect. Discuss how existing codes can be improved to address urban heat island effect.	Document that lists codes and improvements	Public Works Building and Planning Management Services NREC	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
Municipal	<i>*1.2: Educate/train Building and Planning Department on codes and ensure they are being enforced.</i>	<i>Training staff will ensure enforcement of codes and will allow them to provide builders with information on current codes.</i>	<i>Training Session/Workshop</i>	Public Works Building and Planning	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	<i>Consultant</i>

Play 2: Review and strengthen cool roof ordinances and/or enforcement if needed.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL
Municipal	2.1: Review cool roof codes and design standards and identify how they can be improved.	Identify cool roof codes and review ways (if any) it addresses urban heat island effect. Discuss how existing codes can be improved to address urban heat island effect.	Document that lists codes and improvements	Public Works Building and Planning Management Services NREC	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
Municipal	<i>*2.2: Educate/train Building and Planning Department on codes and ensure they are being enforced.</i>	<i>Training staff will ensure enforcement of codes and will allow them to provide builders with information on current codes.</i>	<i>Training Session/Workshop</i>	Public Works Building and Planning	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	<i>Consultant</i>

Play 3: Provide education and create resources for contractors, builders, home and business owners, etc.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
All	3.1: Create list of drought tolerant and native shade trees and distribute.	A list of fast-growing native shade trees would provide contractors and builders guidance when constructing parking lots.	Document	Public Works NREC	<u>FY 20/21</u> Quarter 2: October 2020 - December 2020	
All	<i>*3.2: Create informational materials (brochures, checklists, etc.) that clearly explain parking lot ordinances and how to comply.</i>	<i>These materials will increase awareness and provide simple information.</i>	<i>Factsheet</i>	Public Works Building and Planning Public Information Officer	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	<i>Additional Staff Printing funds</i>
All	<i>*3.3: Create informational materials (brochures, checklists, etc.) that clearly explain cool roof ordinances and how to comply.</i>	<i>These materials will increase awareness and provide simple information.</i>	<i>Factsheet</i>	Public Works Building and Planning Public Information Officer	<u>FY 20/21</u> Quarter 4: April 2021 - June 2021	<i>Additional Staff Printing funds</i>

Play 4: Increase the City's tree canopy and continue supporting tree watering/planting education.

FIELD	MOVE	DESCRIPTION	SCORE	PLAYERS	CLOCK	ADDITIONAL SUPPORT
Municipal	4.1: Review the City's tree ordinance and identify how it can be improved.	The tree ordinance ensures that trees in the City are protected. The ordinance should be reviewed to identify ways that it may be improved.	Document that lists improvements	Public Works NREC	<u>FY 20/21</u> Quarter 4: April 2021 - June 2021	
Municipal	4.2: Determine possibility of planting more trees near public transportation stops.	Trees help mitigate the urban heat island effect.	List of places considered, and if possible when they can be planted	Public Works	<u>FY 20/21</u> Quarter 3: January 2021 - March 2021	
All	4.3: Update educational materials on tree watering and distribute among sectors.	Distribute via South Pasadena Beautiful's outreach events and communication channels.	Flyer	Public Works Public Information Officer	<u>FY 20/21</u> Quarter 1: July 2020 - September 2020	
Municipal	4.4: <i>Create an Urban Forest Management Plan (UFMP).</i>	<i>An Urban Forest Management Plan will include inventories and assessments of the current status of the urban forest and a strategic plan for implementing and monitoring the City's urban forest vision. It will enable City staff to more effectively maintain and increase the City's tree canopy.</i>	<i>Document: Urban Forest Management Plan</i>	Public Works	<u>FY 20/21</u> Quarter 4: April 2021 - June 2021	<i>Consultant Funding</i>

GOAL V: Prepare for the consideration of future sustainability initiatives

MOVE

ADDITIONAL SUPPORT

**1: Review feasibility of the Renewable Energy Council's recommendations as outlined in their 2016 report, "A Clean Energy Pathway for South Pasadena."*

Additional staff

**2: Evaluate the feasibility of banning gas-powered lawn equipment including leaf blowers.*

Additional staff