



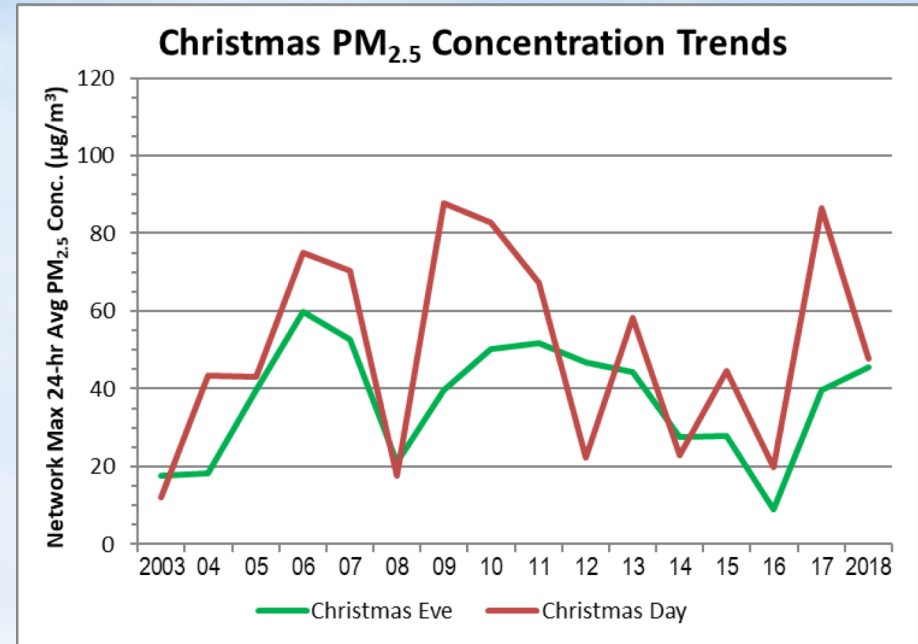
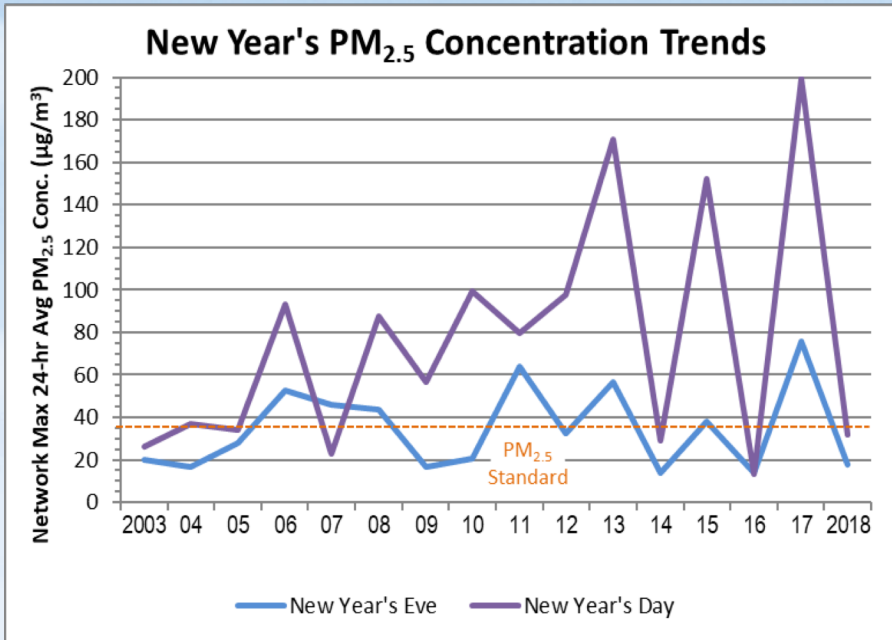
Maricopa County Propane Fire Pit Program

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Travel Reduction and Outreach Division Manager

March 12, 2020

We Have a Problem...



Anecdotal and circumstantial evidence suggested the source was mainly woodsmoke, though further analysis was warranted.

Research Begins in the 2013-2014 Fireplace Season

We characterized the problem with the following methods:

- Statistical Analysis to determine Day-of-the Week concentrations
- Deployment of “Speciation” samplers to chemically analyze the PM_{2.5} concentrations
- A health impact study to determine if high concentration resulted in hospitalizations for asthma exacerbations

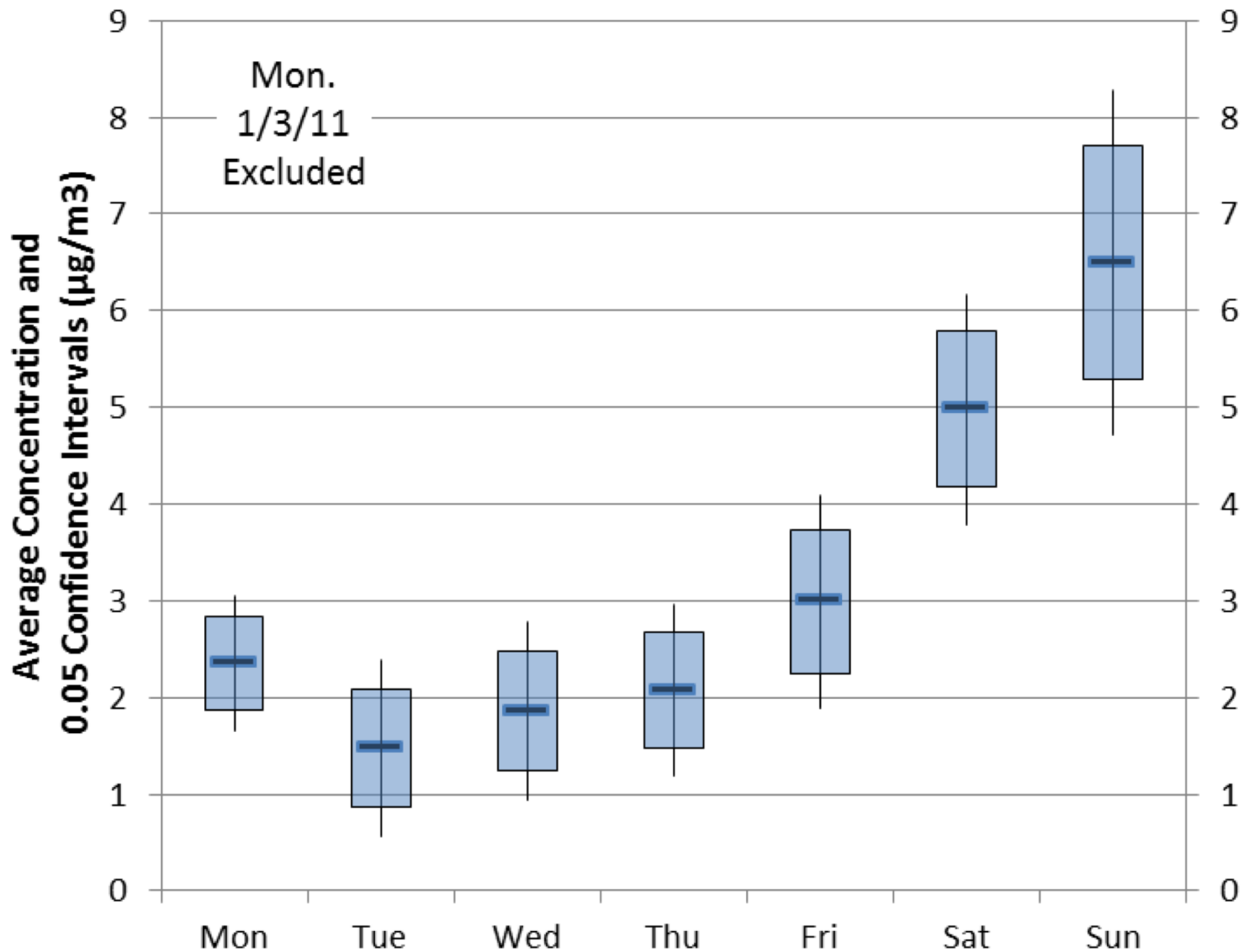


ADEQ's JLG Supersite runs a dedicated monitor in the national Chemical Speciation Network (CSN). These data were also used.



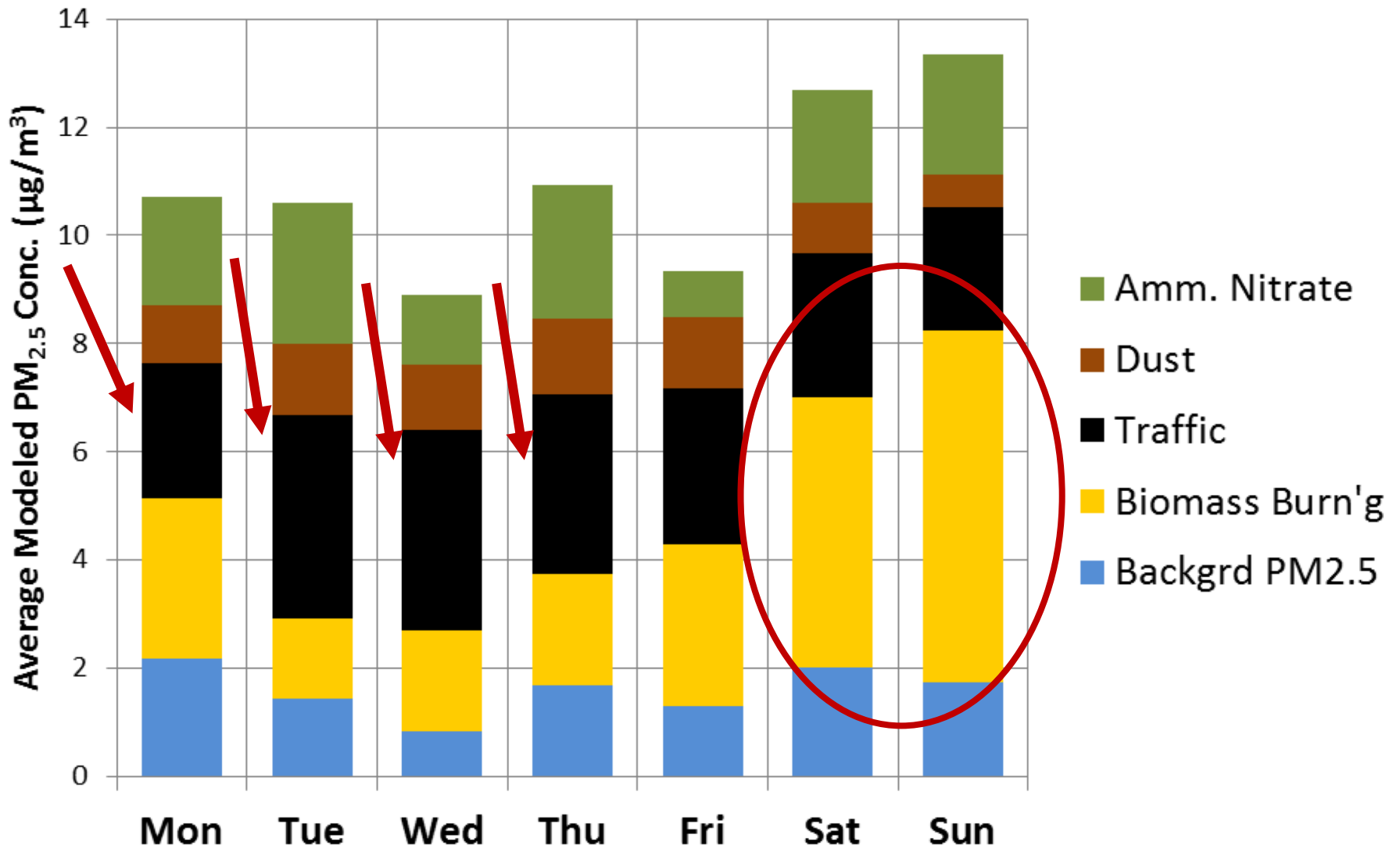
“SuperSASS” Chemical Speciation Sampler

Supersite Avg Modeled Biomass Burning Concentrations by Day of the Week



JLG Supersite

Average Concentration by Day of Week and "Factor"



Responding to the Challenge

- State law and County ordinance require:
 - No fireplaces in new construction since 1998 (gas and EPA certified inserts & stoves OK)
 - Ban on burning wood when high pollution levels are predicted
- Enhanced enforcement on no-burn days
- Public awareness campaigns
- Retrofitting existing fireplaces and outdoor fire pits.



NATURAL GAS • ELECTRIC • FIREPLACE RETROFITS

When you *Burn Cleaner Burn Better*, you're making a healthy decision to improve the air we breathe.



Learn more about wood burning alternatives at CleanAirMakeMore.com

**TODAY is a No Burn Day.
Don't Burn Wood.**



Maricopa County Propane Fire Pit Program





Maricopa County Air Quality Department

Phone: 602-506-6010

Fax: 602-506-6985

Maricopa.gov/AQ

CleanAirMakeMore.com



For Immediate Release

Arizona Propane Gas Association Partnership with Maricopa County Air Quality Department

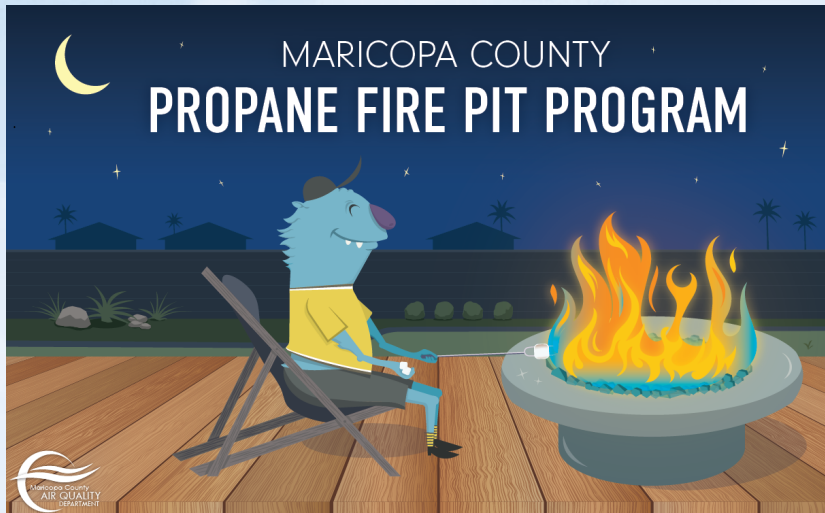
PHOENIX (November 1, 2018) – The Arizona Propane Gas Association in partnership with the Arizona Propane Education & Research Foundation has agreed to support the Maricopa County Air Quality Department’s (MCAQD) effort to help keep our air clean and residents healthy. For the second consecutive year the two groups are joining forces with MCAQD to reduce PM2.5 (smoke) emissions by offering \$25 off the purchase of an outdoor propane fire pit. Combined with the \$50 offered by the air quality department, vouchers worth \$75 off the purchase of an outdoor propane fire pit will be available to the first 1,000 county residents that sign up for the program. All vouchers must be taken to a local participating Home Depot to purchase a fire pit.

In Maricopa County a combination of wood-burning and stagnant weather conditions can create poor air quality during winter. Stagnant air is common Oct. 1 to Feb. 1, when cold temperature inversions trap smoke and other pollution close to ground. Although currently in attainment for the Environmental Protection Agency (EPA) PM2.5 air quality health standard, Maricopa County air monitors have detected levels approaching a violation of the standard.



Social Media

Heavy use of social media during Burn Cleaner Burn Better campaign



Maricopa County Propane Fire Pit Program



Propane Fire Pit Program

In Maricopa County, a combination of wood burning and stagnant weather conditions can create poor air quality during the winter season. In an effort to reduce smoke produced by outdoor wood burning fire pits, the Maricopa County Air Quality Department has created a Propane Fire Pit Program in partnership with the Arizona Propane Gas Association and Home Depot.



How Does the Program Work?

Sign up online at CleanAirMakeMore.com/firepit or by scanning the QR code above and receive a \$75 voucher towards the purchase of an outdoor propane fire pit at participating Home Depot locations. In-store and online fire pit options are available, but all vouchers must first be redeemed in-store.



Who is Eligible to Participate?

Maricopa County residents are eligible to participate. This program is limited to the first 1,000 residents who apply. A limited number of vouchers will be released on a weekly basis. Please note there may be a wait list from the time of application to the time a voucher is released.



CLEANAIRMAKEMORE.COM/FIREPIT

FIREPIT@MARICOPA.GOV



Programa de fogatas con gas propano del Condado Maricopa



Programa de fogatas con gas propano

En el Condado Maricopa, la combinación de la quema de leña con condiciones climáticas estancadas puede crear una mala calidad del aire durante la temporada de invierno. En un esfuerzo por mejorar la calidad del aire y reducir la polución producida por el humo causado por la quema de leña en hogueras o fogatas en exteriores, el Departamento de Calidad del Aire del Condado Maricopa ha creado el "Programa de fogatas con gas propano," en compañía de "Arizona Propane Gas Association" y Home Depot.



¿Cómo funciona el programa?

Regístrese en línea en CleanAirMakeMore.com/fogata o escaneando el código QR de arriba y reciba un cupón de \$75 para la compra de una fogata o pozo para exteriores que funciona con gas propano en las tiendas Home Depot participantes. Existen diferentes modelos de fogatas para exteriores que funcionan con gas propano, tanto en la tienda como en línea, pero todos los cupones deben canjearse primero en la tienda.



¿Quién es elegible para participar?

Los residentes del condado de Maricopa son elegibles para participar. Este programa está limitado a los primeros 1,000 residentes que aplican. Se emitirá un número limitado de cupones semanalmente y puede suceder que se le indique registrarse la semana siguiente, cuando se liberen más cupones.



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FIREFIT@MARICOPA.GOV



Program Details

- 3rd year of program
- \$75 voucher for outdoor propane fire pit
- Partner with Home Depot and Arizona Propane Gas Association - \$25,000
- This year: 1,002 fire pits.
- To date, 2,992 fire pits have been redeemed with 8,976 pounds of smoke pollution reduced annually

Partnerships with Arizona Propane Gas Association and Home Depot



Arizona Propane Gas Association Partnership

- MOU with the Association to fund \$25,000 (department picks up other \$50,000)
- Included on our program flyer and recognized through social media
- Email addresses of applicants to provide information about propane safety

Home Depot

- On contract with Maricopa County
- 9 participating locations
- Work directly with Regional Manager to plan and implement program
- Extensive training provided to store managers and staff
- All purchases must be verified by Citibank (the credit arm of Home Depot)
- Invoiced by Home Depot
- Payment made after reconciliation





Maricopa County

PROPANE FIRE PIT PROGRAM

HOME DEPOT PROCESS

- | | | |
|----------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Resident will receive a voucher via e-mail. | ▶ The e-mail is the voucher. There are no attachments. |
| 2 | Voucher will be presented to the participating Home Depot, service desk (printed or on mobile device). | ▶ Voucher is to be used toward purchase of an outdoor propane fire pit. |
| 3 | Associate will assist in finding the customer an in-stock or online (HomeDepot.com) lawn mower/device. | ▶ On-line purchases must be made with associate, in store. A gift card will need to be purchased for all on-line orders at HomeDepot.com. Process gift card first then additional payment from customer. |
| 4 | Associate will process a \$75 charge for each customer on a dedicated Home Depot PROX Account (6798). | ▶ Account for "Maricopa County Fire Pit" |

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process Voucher: | Citibank: |
| <ul style="list-style-type: none"> • Look up customer in register » Phone Number 602-291-6690 • Follow prompts to process the charge for Maricopa County Lawnmower • When the system asks for buyers name » Enter "Unique ID" from voucher | <ul style="list-style-type: none"> • Each transaction will require a call to Citibank for an authorization code. Call #896 and ask to speak with the CCU team. • Insist that the agent use the "Unique ID" (voucher #) as the PO/Job # so that Home Depot, Citibank and Maricopa County records all match up. |

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|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5 | Associate must log the customer transaction information onto the required log form (attached or found in binder), including information found on voucher and other information from receipt. Follow specific instructions found on log sheet. | ▶ A new log sheet will be started every other week as logs sheets are sent to Maricopa County on the 1st and 15th of each month. |
| 6 | The remaining balance will be paid in full by customer. WAIT » COMPLETE LOG BEFORE TRANSACTION | ▶ If the retail price is less than the voucher, only the retail price will be charged to the Home Depot account. Customer and voucher information is required on the store log. |
| 7 | Log sheets must be completed entirely and accurately, in order for charges to be paid. Non-verifiable charges will not. | ▶ See binder for specific examples. |

- ✓ Completed log sheets must be sent to Maricopa County on the 1st and 15th of each month. Stores that do not turn in log sheets, on time, will not be on the next list(s) of participating stores.
- ✓ Print flyers and post them at the fire pit bay in each participating store.
- ✓ Print copies of this form and complete binder instructions and keep at the service desk.

LOGS DUE:
1st & 15th
of each month to
firepit@maricopa.gov



MARICOPA COUNTY FIRE PIT

| | | | | | | |
|---------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------|
| LOG # AND DATE SUBMITTED TO MARICOPA COUNTY AIR QUALITY: # ___; ___/___/___ | | FIRE PIT BI-WEEKLY LOG (\$75 OFF OUTDOOR PROPANE FIRE PITS ONLY - NO PROPANE HEATERS) | | | STORE NUMBER: | |
| CUSTOMER NAME: (as listed on the e-mail voucher) First & Last | | EXPIRATION DATE: (as listed on the e-mail voucher) If EXPIRED- Do Not Process | UNIQUE ID: (as listed on the e-mail voucher) *This # MUST be given to Citibank *This # should be on the receipt as PO/Job Name | TRANSACTION #: (from receipt) | Date: (of purchase on receipt) | Authorization Code: (from receipt) FULL CODE- XXXXXX/XXXXXX |
| Gus T. Breeze | | 10/20/2019 | 426547897 | 21930 | 10/13/2019 | 107297 / 9107632 |
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E-MAIL THIS FORM TO: firepit@maricopa.gov (due the 1st & 15th of each month)

****Voucher cannot be used for propane heaters.****



Program Application and Administration

- Applicants apply online (QR code on flyer)
- Applications approved and applicant sent voucher email
- Email presented to store staff (can buy online model or in-store)

THIS PROGRAM HAS CLOSED FOR THE SEASON.

In an effort to ensure that all 1000 available discounts are used by the program deadline, the vouchers are honored on a first come first served basis and/or will expire in one week. Receipt of a voucher does not guarantee that it will be honored by Home Depot if all 1000 vouchers have already been redeemed. Once the voucher limit is reached, the program will end and Home Depot will not honor any further vouchers.

Propane Fire Pit Program

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How the Program Works

- ▶ Sign up by clicking the link below and completing the application form.
- ▶ If you received a registration confirmation email, then you are registered. There is no need to contact us to verify your place on the wait list.
- ▶ A limited number of vouchers will be released on a weekly basis. Please note there may be a wait list from the time of application to the time a voucher is released.
- ▶ Please add NO-REPLY@FORMSTACK.COM to your email safe sender list.
- ▶ Once issued, vouchers will expire in two weeks.
- ▶ Expired vouchers cannot be reissued. You must re-register for the program using a different email address.
- ▶ When issued, you will receive a \$75 voucher via email. Present the voucher or voucher email on your mobile device to the Service Desk at a participating Home Depot store for any in-store or online model (in-store purchase required). Online models must be ordered in person at a participating Home Depot store.
- ▶ Review available models [HERE](#).
- ▶ Vouchers can only be used for outdoor propane fire pits. Propane heaters are not part of this program.

Who is Eligible to Participate?

The program is available to all Maricopa County residents. Limit of 1 voucher per household every three years.

Questions?

602-372-WOOD | firepit@maricopa.gov

Program Sponsors



Gus T. Breeze and Suns
Gorilla Video

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