

Fats, Oils & Grease Outreach Campaign



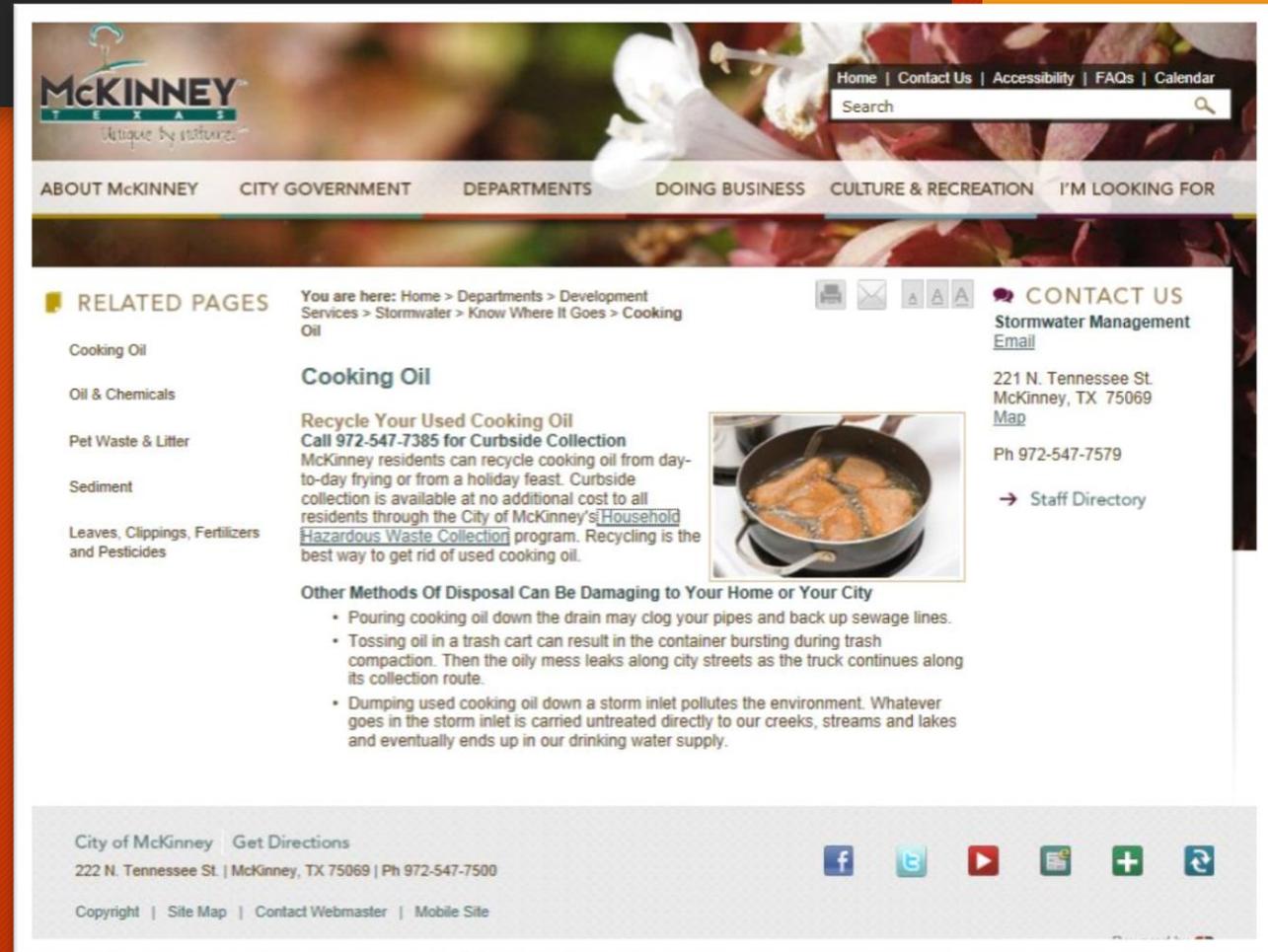
Environmental
Education

Prior to 2014



Utility Bill Insert

FOG program was managed by Stormwater staff until Summer 2015



Website April 2014



August 2015

Stop the Clog program was created in-house by City of McKinney Communications Department.

stop the clog



CAN THE FATS, OILS & GREASE

Fats, oils, and grease (FOG) create a huge problem for sewer pipes. FOG can create massive clogs that cause sewer backups and overflows resulting in costly repairs.

FOLLOW THESE 3 EASY STEPS
TO HELP STOP THE CLOG:



CAN IT!

Once cooled, pour leftover oils and grease into a sturdy container.



SCRAPE IT!

Before washing, scrape out fats, oils and grease from pots, pans and dishes.



TRASH IT!

Put fatty and greasy food scraps in the garbage, not down the drain.

McKinney residents can call Solid Waste Services at 972-547-7385 to schedule a curbside pick-up of FOG collections more than 1 quart. Visit the website for more information.



City of McKinney Public Works
www.mckinneytexas.org/FOG

Mantenga la grasa fuera de los drenajes



CONTENGA LA MANTECA, ACIETE Y GRASA

Manteca, aceite y grasa se solidifica en el drenaje causando acumulación dentro de su cañería de drenaje el cual puede causar problemas en su alcantarilla.. ¡La limpieza y reparación de las cañerías de drenaje es muy costosa y puede resultar en un aumento en su costo de utilidades!

TRES MANERAS DE MANTENER
LA GRASA FUERA DE SU DRENAJE



CONTENGALO!

☒ Ya que el aceite esta enfriado, vacíe el aceite, grasa o manteca un contendor y sellelo.



RASPE EN SECO!

Antes de lavar, raspe en seco y remueva las sobras, residuos de grasa y comida en los platos, ollas y sartenes en la basura. Con una toalla de papel, limpie el exceso de grasa o aceite.



DESÉCHELO EN LA BASURA!

Remueva las sobras de comida y grasa en la basura, no en el drenaje con agua.

Si usted tiene mas de un litro o cuarto de manteca, aceite o grasa que necesita desechar, hable al departamento de Servicios Ambientales para programar que lo recogemos através del programa de Residuos Caseros Peligros (HHW). Hable a 972-547-7385.



City of McKinney Public Works
www.mckinneytexas.org/FOG

Utility Bill Inserts

stop the clog



CAN THE FATS, OILS & GREASE

Fats, oils, and grease (FOG) create a huge problem for sewer pipes. FOG can create massive clogs that cause sewer backups and overflows resulting in costly repairs.

FOLLOW THESE 3 EASY STEPS TO HELP STOP THE CLOG:



CAN IT!

Once cooled, pour leftover oils and grease into a sturdy container.



SCRAPE IT!

Before washing, scrape out fats, oils and grease from pots, pans and dishes.



TRASH IT!

Put fatty and greasy food scraps in the garbage, **not down the drain**.

McKinney residents can call Solid Waste Services at 972-547-7385 to schedule a curbside pick-up of FOG collections more than one quart. Visit the website for more information.



City of McKinney Public Works
www.mckinneytexas.org/FOG

English Poster

**Mantenga
la grasa
fuera
de los
drenajes**



CONTENGA LA MANTECA, ACEITE Y GRASA

Manteca, aceite y grasa se solidifica en el drenaje causando acumulación dentro de su cañería de drenaje el cual puede causar problemas en su alcantarilla. ¡La limpieza y reparación de las cañerías de drenaje es muy costosa y puede resultar en un aumento en su costo de utilidades!

TRES MANERAS DE MANTENER LA GRASA FUERA DE SU DRENAJE



CONTENGALO!

Ya que los residuos están fríos, vacíe el aceite, grasa o manteca a un contenedor o envase y séllelo.



RASPE EN SECO!

Antes de lavar, raspe en seco y remueva las sobras, residuos de grasa y comida en los platos, ollas y sartenes en la basura. Con una toalla de papel, limpie el exceso de grasa o aceite.



DESECHELO EN LA BASURA!

Remueva las sobras de comida y grasa en la basura, no en el drenaje con agua.

Si usted tiene mas de un litro o cuarto de residuos de aceite, grasa, o manteca que necesita desechar, hable al departamento de Servicios Ambientales para programar una cita y podamos recogerlos a través del programa de Residuos Caseros Peligrosos (H-HW).
Hable a 972-547-7385



City of McKinney Public Works
www.mckinneytexas.org/FOG

**Spanish
Poster**

Stop the clog

Mantenga
la grasa
fuera de
los drenajes



City of McKinney Public Works
www.mckinneytexas.org/FOG



CAN THE FATS, OILS & GREASE

Fats, oils, and grease (FOG) create a huge problem for sewer pipes. FOG can create massive clogs that cause sewer backups and overflows resulting in costly repairs.

FOLLOW THESE 3 EASY STEPS
TO HELP STOP THE CLOG:



CAN IT!

Once cooled, pour leftover oils and grease into a sturdy container.



SCRAPE IT!

Before washing, scrape out fats, oils and grease from pots, pans and dishes.



TRASH IT!

Put fatty and greasy food scraps in the garbage, **not down the drain.**

McKinney residents can call Environmental Services at 972-547-7385 to schedule a curbside pick-up of FOG collections more than 1 quart. Visit the website for more information.



City of McKinney Public Works
www.mckinneytexas.org/FOG

Brochure
Holders placed
in HIGH traffic
City Buildings

Stop the clog

Mantenga
la grasa
fuera de
los drenajes



City of McKinney Public Works
www.mckinneytexas.org/FOG



CAN THE FATS, OILS & GREASE

Fats, oils, and grease (FOG) create a huge problem for sewer pipes. FOG can create massive clogs that cause sewer backups and overflows resulting in costly repairs.

FOLLOW THESE 3 EASY STEPS
TO HELP STOP THE CLOG:



CAN IT!

Once cooled, pour leftover oils and grease into a sturdy container.



SCRAPE IT!

Before washing, scrape out fats, oils and grease from pots, pans and dishes.



TRASH IT!

Put fatty and greasy food scraps in the garbage, **not down the drain.**

McKinney residents can call Environmental Services at 972-547-7385 to schedule a curbside pick-up of FOG collections more than 1 quart. Visit the website for more information.



City of McKinney Public Works
www.mckinneytexas.org/FOG

Brochure Holders
distributed to 70
apartment
complexes & leaflets
were distributed to
approximately
10,000 residents that
do not receive utility
bills.

8.5 x 11 Acrylic Sign Holder with Pocket for 4 x 9 Brochures, T-style - Clear

Displays2go > Display Products > Sign Holders > Bottom Loading > SKU: 8511VSHC



Hover over the image to zoom in.

Email Pin it Share Tweet Share

Media Size: 8.5" x 11"

8.5" x 11" 11" x 14"

- T-style designs display signage & brochures vertically.
- Stable countertop designs fit in tight spaces.
- Acrylic assembly adds modern touch to all stores or offices.



Customizable With Your Logo!

This product can be imprinted with your custom logo. Email info@displays2go.com for a quote. Minimum quantities of 500 apply.

Description

Specifications

IN STOCK

Order in the next **1 hr 55 mins** and this item will ship **today**.

Quantity	Price Each (USD)
1 - 12	\$8.03
13 - 39	\$7.52
40 - 139	\$7.18
140 - 395	\$6.32
396 - 1002	\$5.98

1 **ADD TO CART**

Case Pack: 12 units

Users That Viewed This Also Viewed



8.5 x 11 Acrylic Sign Holder with Pocket for 4 x 9 Brochures, Slant Back - Clear

\$5.15



11 x 14 Acrylic Sign Holder for Tabletop, with Pocket for 4 x 9 Brochures - Clear

~~\$14.26~~ **\$11.41**



8.5 x 11 Acrylic Sign Holder with Pocket for 4 x 9 Brochures, Slant Back - Clear

\$8.01



8.5 x 11 Plastic Sign Holder with Pocket for 4 x 9 Brochures, Slant Back - Clear

\$8.28

Description

8.5" x 11" Acrylic Sign Display with Brochure Pocket

Are you shopping for an acrylic sign display that includes a frame along with a pocket for brochures? This versatile combination unit is like getting to fixtures for the price of one. Each acrylic sign display, also known as a print frame is made with high quality materials. The literature holder is permanently attached to the lower right corner of the framing. This signage holder is the perfect acrylic sign display one would want to use in a lobby or reception area. Print changes are simple with the bottom loading design. Flip the signage holder, acrylic sign display upside down and pull out the old graphics and slide in the new images. It is a simple process that can be done in seconds. This acrylic sign display that holds an 8.5" x 11" graphic is ideal for use on a countertop or desktop in an office or business waiting room. This "T" style stand has a single literature pocket for 4" wide pamphlets.

This acrylic sign display with a brochure pocket enables users to display vibrant graphics to entice passersby to take a brochure. The pocket is 1.25" deep by 5.5" high. Each acrylic sign display is designed to hold a standard sheet of 8.5"w x 11"h paper, leaving a 4.25"w x 11"h unobstructed view of the signage to the left of the pocket. Place this countertop advertisement stand in a travel agency or hotel lobby to promote local points of interest or exotic destinations. This acrylic sign display is also eligible for custom printing; see above for more details.

Fats, Oils & Grease

Fats, Oils & Grease

Fats, oils and grease (FOG) found in food ingredients such as meat, cooking oil, shortening, butter, margarine, baked goods, sauces and dairy products can cause the sewer lines in homes and streets to back up if it is not disposed of properly.



Frying a turkey for the holidays?

Schedule a free [Household Hazardous Waste collection](#) for large quantities of fats, oils and grease. Curbside collection is available to all residents.

Expensive Repairs

FOG that is poured down the sink drain will cling to the insides of pipes and the sewer system, and over time can build up and block pipes completely. If wastewater can't move freely through pipes and out into the sewer system, it can back up into your home and can cause unsanitary conditions and damages that can be expensive to repair.



Why You Should Be Concerned

- Pouring fats, oils and grease down the drain may clog your pipes and back up sewage lines. Sewage back-ups can damage personal property, and that can be expensive for the homeowner.
- The City of McKinney spends around \$300,000 a year to clean out blocked pipes within the public sewer system.

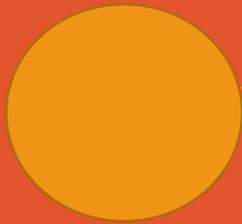
What You Can Do

- There are several ways to dispose of fats, oils and grease that won't impact the pipes in your home, the sewer lines or the environment.
- Let fats, oils and grease cool to room temperature in pots and pans. Then pour it in a container and throw the container away in the trash.
- Before you wash pots and pans, wipe the fats, oil and grease with a paper towel and toss it into the trash.



City Website

www.mckinneytexas.org/fog



Recent Clog, Take Action!

The City of McKinney recently repaired sanitary sewage lines in your area due to a clog caused by fats, oils and grease (FOG). FOG can create massive clogs that cause sewer backups and overflows resulting in costly repairs.



CAN THE FATS, OILS & GREASE

PLEASE FOLLOW THESE THREE EASY STEPS TO HELP STOP THE CLOG



CAN IT!

Once cooled, pour leftover oils and grease into a sturdy container.



SCRAPE IT!

Before washing, scrape out fats, oils and grease from pots, pans and dishes.



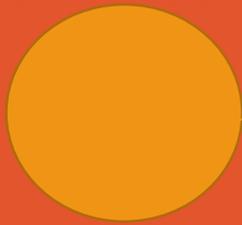
TRASH IT!

Put fatty and greasy food scraps in the garbage, **not down the drain.**

McKinney residents can call Solid Waste Services at 972-547-7385 to schedule a curbside pick-up of FOG collections more than one quart. Visit the website for more information.



City of McKinney Public Works
www.mckinneytexas.org/FOG
972-547-7380



¡Tome Acción Ahora!

Evite taponamientos de tuberías

La Ciudad de McKinney recientemente reparo las tuberías de drenaje en su vecindad, causado por la acumulación de manteca, aceite y grasa. Manteca, aceite y grasa se solidifica en el drenaje causando acumulación dentro de su tubería de drenaje, el cual puede causar problemas en su alcantarilla. ¡La limpieza y reparación de las tuberías de drenaje es muy costosa!



CONTENGA LA MANTECA, ACEITE Y GRASA

TRES MANERAS DE MANTENER LA GRASA FUERA DE SU DRENAJE:



CONTÉNGALO!

Ya que los residuos están fríos, vacíe el aceite, grasa o manteca a un contenedor o envase y séllelo.



RASPE EN SECO!

Antes de lavar, raspe en seco y remueva las sobras, residuos de grasa y comida en los platos, ollas y sartenes en la basura. Con una toalla de papel, limpie el exceso de grasa o aceite.



DESÉCHELO EN LA BASURA.

Remueva las sobras de comida y grasa en la basura, **no en el drenaje con agua.**

Si usted tiene más de un litro o cuarto de residuos de aceite, grasa, o manteca que necesita desechar, hable al departamento de Servicios Ambientales para programar una cita y podamos recogerlos a través del programa de Residuos Caseros Peligrosos (RHW). Hable a 972-547-7385



City of McKinney Public Works
www.mckinneytexas.org/FOG
972-547-7360

Door Hangers



Released
November
2015

<https://youtu.be/x2JCWPOoA2M>

“Save the Drain” Video by McKinney Vision



McKinney, Texas - Unique by Nature

December 22 at 7:52am · 🌐

Avoid costly clogs in your pipes this holiday season by properly disposing of Fats, Oils and Grease (FOG). Used cooking oil should be containerized and thrown in the trash or set out for a scheduled curbside collection pick-up. For more than a quart of containerized FOG, call Environmental Services at 972-547-7385 or fill out an online form to schedule curbside pickup of your used cooking oil at no additional cost.



McKinney, TX - Official Website - Fats, Oils & Grease

Cooking Oil disposal, grease disposal, Fats disposal, FOG

MCKINNEYTEXAS.ORG



👍 Like 💬 Comment ➦ Share



McKinney, Texas - Unique by Nature

December 18 at 10:36am · 🌐

Read how to fight the festive fat and keep drains lean by keeping fats, oils and grease out of household sinks in the 'Dallas Morning News' Neighbor's Go'.



Fight the festive fat and keep drains lean

MCKINNEYTEXAS.ORG



👍 Like 💬 Comment ➦ Share

Facebook Posts

Keeping you in the loop with the latest McKinney news.

[View this email in your browser](#)



Merry Christmas from City Council

Mayor Brian Loughmiller and the McKinney City Council would like to wish everyone a very Merry Christmas and a happy New Year!

City offices and facilities closed for Christmas, New Years

McKinney City Hall, municipal courts, city administration offices, recreation centers and public libraries will be closed Thursday and Friday, Dec. 24-25, in observance of the Christmas holiday and also on Friday, Jan. 1 in observance of the New Year holiday. A full list of holiday closures can be found on the [city's website](#).

For help with an after hours Public Works emergency

Recycling fats, oil and grease

Avoid costly clogs in your pipes this holiday season by properly disposing of Fats, Oils and Grease (FOG). Used cooking oil should be containerized and thrown in the trash or set out for a scheduled curbside collection. For more than a quart of containerized FOG, call 972-547-7385 or fill out an online form at www.mckinneytexas.org/fog to schedule curbside pickup of your used cooking oil at no additional cost.

City Council meetings

McKinney City Council

Sample of City Newsletter articles



Outreach

- Green Newsletter
 - 7k subscribers
- City Newsletter
 - 40K subscribers
- Green Seminars
 - Avg attendance 70 103 seminars since 2011
- New Resident Welcome Bags
 - 100 per month through Chamber of Commerce
- HOA presentations
- Church Presentations
- Community Events



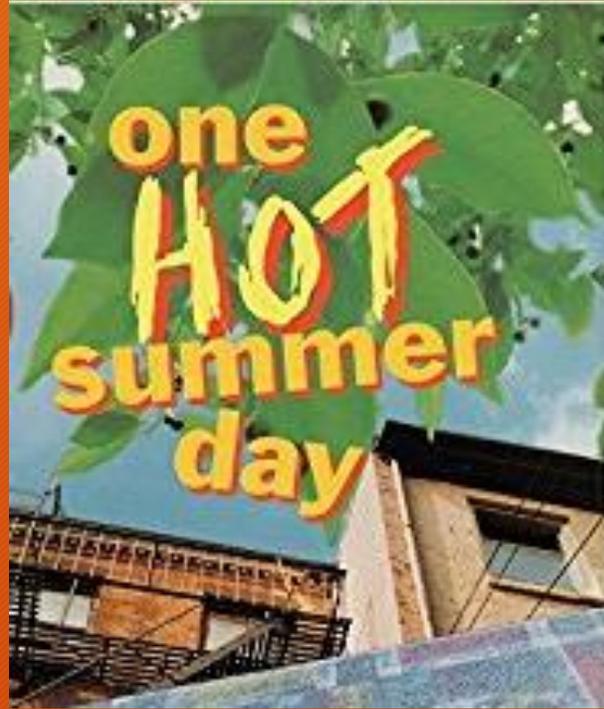
Visual
Aids

London's 130 ton Fatberg

<https://www.youtube.com/watch?v=HjFjpGexf1g>



Story Telling



Sewage seeped from 3rd floor apartment to other apartments below and with shared walls

11
families
displaced

“FOG” Giveaways



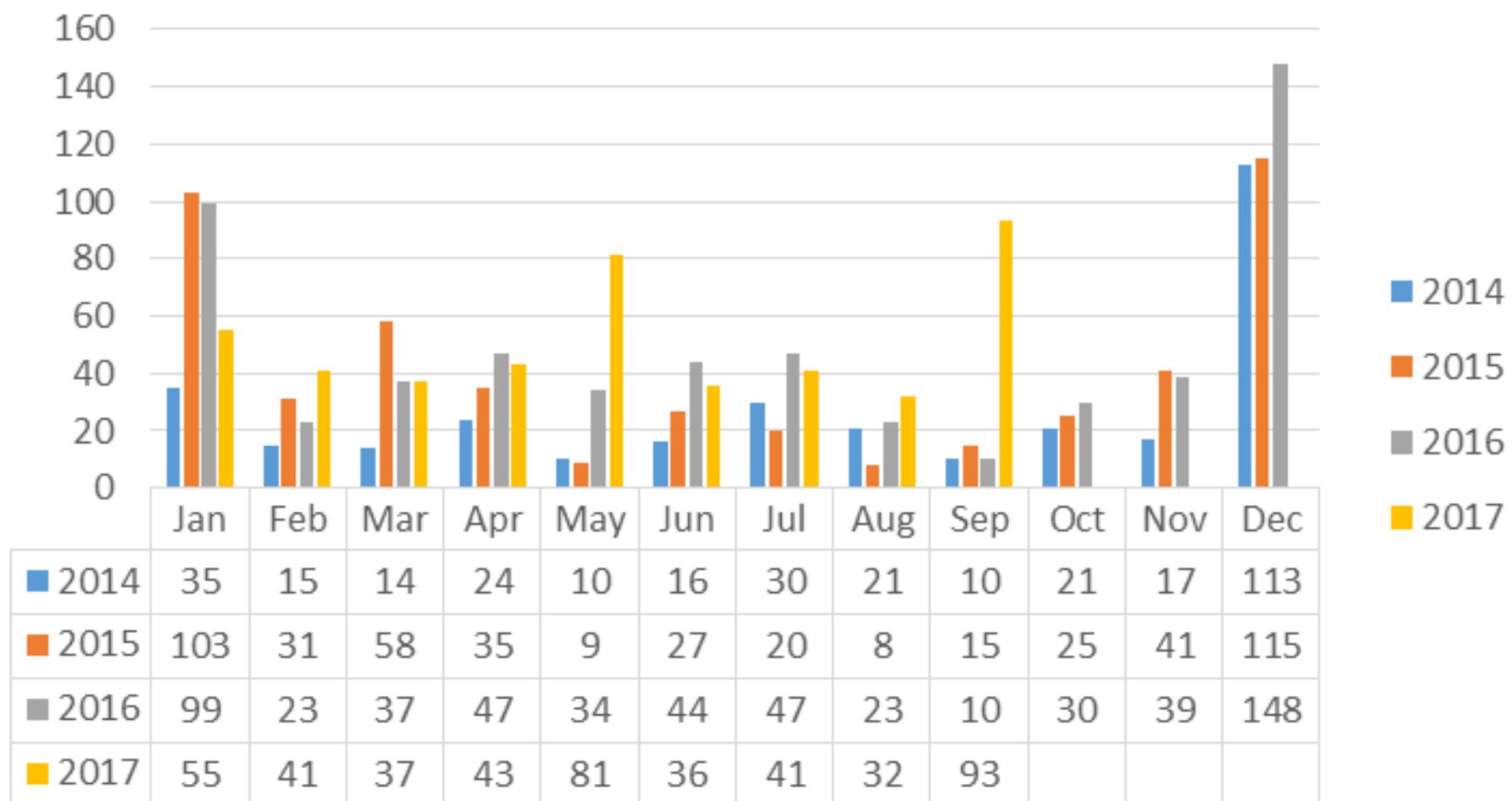
City of McKinney - Cooking Oil Collection

Number of Gallons collected

Months	2014	2015	2016	2017
Jan	35	103	99	55
Feb	15	31	23	41
Mar	14	58	37	37
Apr	24	35	47	43
May	10	9	34	81
Jun	16	27	44	36
Jul	30	20	47	41
Aug	21	8	23	32
Sep	10	15	10	93
Oct	21	25	30	
Nov	17	41	39	
Dec	113	115	148	
Total	326	487	581	459

Monthly FOG
Collection
2014 to
2017 Sept

FOG Collection Comparison by Month



Annual FOG Collection 2014 to 2017 (Jan.-Sept.)

City of McKinney - Cooking Oil Collection # Gallons collected

Years	2014	2015	2016	2017
Total	326	487	581	459
	27.16 gallons per month	40.58 avg. gallons per month	48.4 avg. gallons per month	51 avg gallons per month
		49% increase from 2014 volume	78% increase from 2014 volume	88% increase from 2014 volume

FOG Disposal

American Bio Source
www.americanbiosource.com

Telephone: 817-993-9BIO 817-993-9246
email: AmericanBioSource@gmail.com

American Bio Source to take over Texas biodiesel plant at Denton landfill

January 9, 2014 | Meghan Sapp

 [Tweet](#)  [Share](#) 6  [Mail](#)  [Share](#) 1

In Texas, American Bio Source will take over the biodiesel plant at the landfill in Denton, bringing production back online. American Bio Source has been collecting used cooking oil for biodiesel production since 2010 and sought to relocate to the landfill.

The facility is the first in the country to power biodiesel production using landfill methane. The facility was opened in 2005 but closed in 2008 when the California company that ran it suddenly shut it down and the city later sued it for breach of contract. The city has pledged to buy at least 300,000 gallons to run its fleet under the previous agreement before the shutdown but has since converted part of the fleet to natural gas.

Tags: American Bio Source, biodiesel, Texas

Category: Producer News

Patty Potty



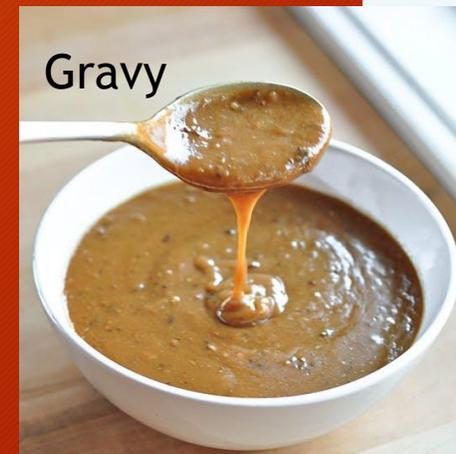
<https://youtu.be/U1YiUF0vrag>

Central Contra Costa Sanitary District video



<https://youtu.be/mjPuygozntw>

Non-Traditional Clog Causes (FOG)





Environmental Education

Martha Cavazos Fipps

Environmental Education Coordinator

Email: mcavazos@mckinneytexas.org direct: 972-547-7335