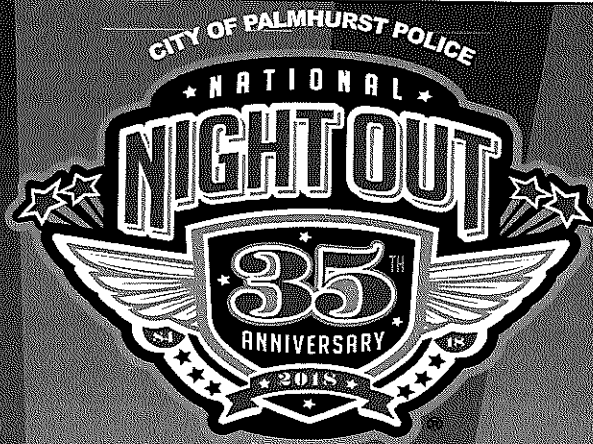


Education, Outreach, and Involvement

Section 3.2.7

Community Outreach



POLICE • COMMUNITY PARTNERSHIPS

PALMHURST POLICE COMMUNITY PARTNERSHIPS

TUESDAY, OCTOBER 23, 2018

5:30 PM - 10 PM

CHURCH OF CHRIST

1410 E MILE 3 RD

PALMHURST, TX 78573

Games
Rides

Free
School
Supplies

Mariachi

Talent
Show

Food

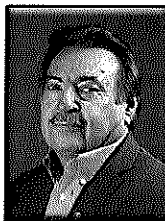
FOR FURTHER INFORMATION, PLEASE CALL PALMHURST CITY HALL AT (956) 583-8697



*We look forward to seeing you
at the 7th Annual Palmhurst
National Night Out*



Ramiro J. Rodriguez, Jr.
Mayor



Roberto A. Salinas
Mayor Pro-Tem



Jaime Aranda
Councilman



Ruben De Leon
Councilman



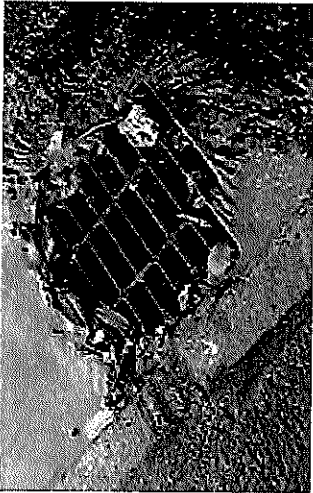
Israel Silva
Councilman



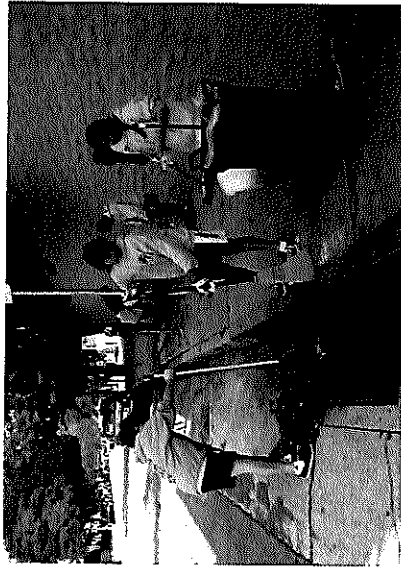
Ofelia Peña-Perez
Councilwoman

www.cityofpalmhursttx.com

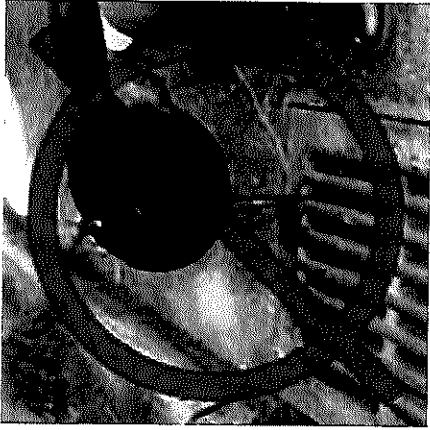
DOES STORMWATER CAUSE FLOODING PROBLEMS AND WHAT CAN WE DO ABOUT IT?



The excess runoff caused by the decrease in absorption can cause flooding. In addition, garbage picked up by these waters can also clog the drainage system, causing a slowdown in the drainage ability of the City's system. A combination of these two events has the potential to cause flooding within the City. What could be done is clean all the leaves, grass clips, and trash from drainages, man holes, and sewers to avoid future flooding.



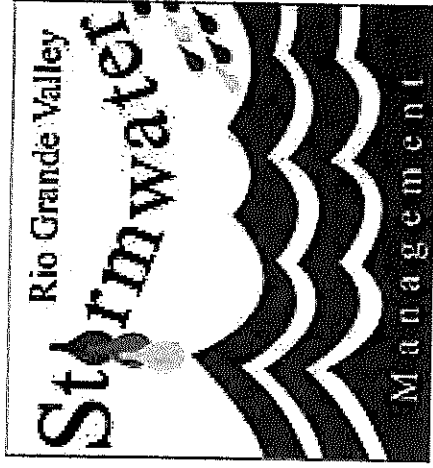
WHAT CAN I DO IF I SEE ILLEGAL DUMPING INTO THE STORM DRAINS OR DITCHES OR CANALS?



This type of activity is illegal and will be handled through ticketing, fines and in some cases jail time. If possible, call your Stormwater Hotline (956) 518-3800.



Rio Grande Valley Stormwater Management

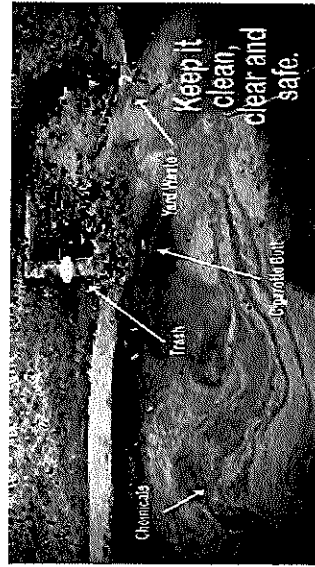


4417 N. Shary Rd. Palmhurst, TX 78573

WHAT ARE SOME COMMON THINGS THAT AFFECT STORMWATER?



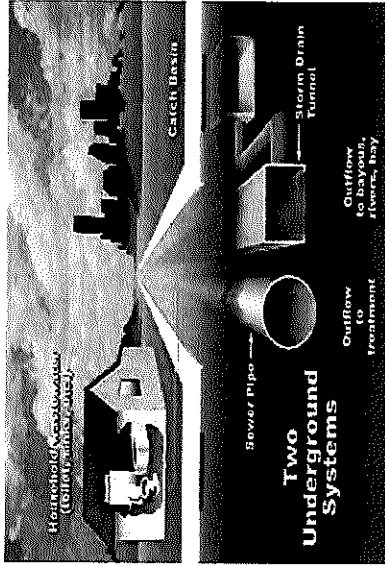
Over fertilizing your lawn or fertilizing before a storm, not picking up pet waste, blowing grass clippings or leaves into the street, and washing your car in your driveway are all things that impact the stormwater system. The golden rule is: "If you wouldn't want to drink it or swim in it, don't let it go down the storm drain."



FOR MORE INFORMATION VISIT OUR WEBSITE: RGVSTORMWATER.ORG

WHAT IS STORMWATER?

Stormwater is generally rain that runs off surfaces that cannot absorb water. These surfaces include rooftops, pavement, and compacted gravel lots. As water flows on these surfaces towards the storm drains, it picks up pollutants such as sediment, pet waste, oil, grease, fertilizers, chemicals and whatever else is on the ground and makes its way untreated to local ditches and canals, eventually reaching the Laguna Madre.

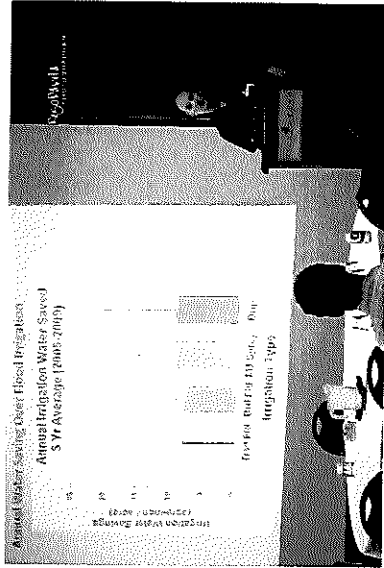


WHY PROTECT STORMWATER?

Our storm drain system, unlike the sanitary sewer system that comes from your house receives no treatment before it eventually reaches the Laguna Madre. The pollutants it picks up on its way there has the potential of harming fish and other wildlife and polluting large areas of water.

FOR MORE INFORMATION VISIT OUR WEBSITE: RGVSTORMWATER.ORG

OUR OBJECTIVE:



To educate and improve how cities & civil engineers plan for stormwater management. As well as to reduce stormwater pollution, protect the natural environment and benefit the community.



FOR MORE INFORMATION VISIT OUR WEBSITE: RGVSTORMWATER.ORG



ASTRA VALLEY
center

2019 National Night Out

Community members in western Hidalgo County gathered at North Mission Church of Christ for family fun and an opportunity to interact with local law enforcement agencies. The nearly 1,200 attendees were greeted at the event by law enforcement agents from the Texas Department of Public Safety, Hidalgo County Sheriff's office and police officers from the cities of mission, Palmhurst, Alton and more. The Rio Grande Valley Stormwater Management were in attendance educating community members, and law enforcement as well. They interacted with the community and distributed educational flyers and accessories.



POLICE • COMMUNITY PARTNERSHIPS

PALMHURST POLICE COMMUNITY PARTNERSHIPS

Free
School
Supplies

TUESDAY, OCTOBER 15, 2019
5:30PM - 10:00PM

Mariachi

Free
Haircuts

CHURCH OF CHRIST
1410 E. MILE 3 RD
PALMHURST, TX 78573

Games

Rides

Food

FOR FURTHER INFORMATION, PLEASE CALL PALMHURST CITY HALL AT 956-583-8697



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Councilman



Ofelia Peña-Perez
Councilman





st  **ormwater**
RIO GRANDE VALLEY
MANAGEMENT





RESEARCH, APPLIED TECHNOLOGY

EDUCATION AND SERVICE

ABOUT US

Mission

RATES, Inc. is a 501 (c)3 Not-for-Profit Corporation formed to promote and coordinate the collaborative and cooperative use of technology by and among different educational and community service organizations and community residents for the benefit of the collaborating organizations, their clients, and community residents.

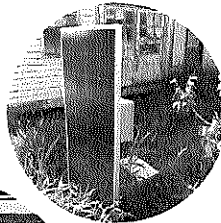
Services

RATES, Inc. offers advanced information technology facilities and related services, to participating organizations, to address environmental and public safety issues. With access to shared databases and through partnerships with institutions of higher learning, regulatory agencies, and regional public service departments, RATES provides in service training while supporting multi disciplinary and collaborative research.

COOPERATIVE PROGRAMS

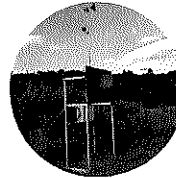
1. Lower RGV Texas Pollutant Discharge Elimination System

Force: a collaborative effort between regional entities to develop and implement proactive storm water management practices.



2. Lower RGV Flood Response and Resiliency Network:

a network of real time hydrologic monitoring stations coupled with a flood forecasting system and integrated decision support system.



3. Water Training Institute:

a continuing education program to address the national workforce shortage of qualified water and wastewater treatment plant operators.

CONTACT US

info@ratesresearch.org

RATES/RIO GRANDE VALLEY

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EDINBURG, TX 78540
ATTN: JODI LEES
(956) 609-9060

RATES/NEW YORK

P.O. BOX 843
POTSDAM, NY 13676
ATTN: PATRICK O'BRIEN
(315) 261-4369



WHEN IT RAINS, IT DRAINS IT ALL HAS TO GO SOMEWHERE

Water from inside our homes goes to a wastewater facility for purification. But water from roofs, streets, and outdoor spigots goes untreated directly into storm drains - straight to our waterways - picking up all kinds of contaminants along the way!




DID YOU KNOW?

Excess nutrients, specifically nitrogen and phosphorus, pollute stormwater run-off from urban areas, contributing to **the third greatest cause of lake deterioration** in the US.



DID YOU KNOW?

Leaf litter and landscape trash account for **56%** of phosphorus in urban stormwater, not to mention clogging storm drains causing potential flooding and increasing debris in our waterways.



The amount of phosphorus in grass clippings from mowing your lawn just **once** can produce up to **100 pounds** of unwanted algae if it ends up in our lakes and ponds.



DID YOU KNOW?

Just one pound of fertilizer over-application on the average lawn can equate to **34.2 pounds** of excess algae growth in streams and lakes.



DID YOU KNOW?

When you wash your car in the driveway, you're washing about **120 gallons** of grime-filled water downstream. The soap, together with the dirt, grease, and grime flows untreated into nearby storm drains that run into lakes and streams.



DID YOU KNOW?

If dog owners don't clean up after their pooches, **390 million pounds** of poop can wash into our waterways every year in just Colorado! Dog waste contains 10% phosphates and 2% nitrates, contributing to algae growth.