

House Keeping
Section 7.2.3
Training



LOWER RIO GRANDE VALLEY - TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM STORMWATER TASK FORCE

The University of Texas Rio Grande Valley • Civil Engineering Department • 1201 West University Drive
Edinburg, Texas • 78539 • (956) 929-7189 • <http://rgvstormwater.org>

LRGV TPDES TASK FORCE

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Dr. Andrew Ernest, P.E.
UTRGV

Dr. Jungseok Ho, P.E.
UTRGV

Augusto S. Gonzalez MS
UTRGV

April 8, 2019

Greetings:

On behalf of the 21st Annual Water Quality Management and Planning Conference Planning Committee, comprised of local municipal, academia and water professional stakeholders, in partnership with the Research, Applied Technology, Education and Services-Rio Grande Valley (RATES/RGV) and the Lower Rio Grande TPDES Stormwater Task Force, we request your support in providing the region with a stellar event that will disseminate innovative, state of the art and essential information to our local communities, researchers, students, and leaders. The 2019 Conference will be held May 20-25, 2019, at the Pearl Hotel and Resort, in South Padre Island, TX. The conference will host 4 full days of technical and poster sessions on cutting edge issues related to the water industry and opportunities for networking and socializing with colleagues, industry professionals and numerous local government officials. **The exhibition of products and services is an integral part of the conference, providing attendees access to sources of relevant equipment, products, and innovative technology.** Ample opportunities for attendees to view exhibits are provided during registration, coffee breaks, lunches, and dinner.

The vendor exhibit cost per table is \$900. This fee includes a 6' skirted table, two chairs, power strip (if requested in submission form) and one complimentary Conference Meal Ticket (for one person, for all meals during conference). Exhibitor personnel will also receive complimentary registration for entrance to the exhibitor area only, and they may register additional staff at the conference discounted rate. Benefits of exhibiting include:

1. Reach a wide audience comprised of industrial representatives, consulting groups, regulatory folks, environmental organizations, academia and the general public.
2. Increase networking potential in a growing South Texas market.
3. A comprehensive database of conference attendees will be made available to exhibitors.

Don't delay! The number of tabletop exhibits is limited. Space will be filled on a first-come, first-served basis. To reserve your space, please complete the attached application and return with your full payment. This conference will provide you with access to numerous local government officials, international, federal and state regulators, local environmental industries, and academia researchers. Topics of interest will range from the TPDES stormwater program, TPDES MS4 compliance, innovative best management practices (BMPs), municipal stormwater management programs, non-point source pollution, urban storm water management, smart growth, low impact development, water reuse, and water recycling. Please contact conference@ratesrgv.org with any questions you may have regarding the conference.

Best Regards,

Jose Hinojosa, REM
Chairperson
LRGV TPDES Stormwater Task Force

Members

David Salinas
City of San Juan

Bernard Rodriguez
City of San Benito

Juan De La Garza
City of Mission

Robert Valenzuela
City of Edinburg

Veronica Flores
City of Primera

Rodolfo Flores
City of Palmview

Raul Garcia
City of Los Fresnos

Jeff Underwood
City of Alton

Ernesto Solis
City of Alamo

David Alaniz
City of La Villa

Lupe Garcia
City of Palmhurst

Eduardo Gonzales
Willacy County

Lonnie Bearden
Town of Combes

Saul Garcia
Hidalgo County Pct. 1

J.J. Ybarra
City of Elsa

Task Force Liaison

Javier Guerrero, E.I.T., MS
UTRGV



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Founded 1998

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Cameron County

Albert Barreda
CC Drainage District #1

Ex-Oficio

Dr. Andrew Ernest, P.E.
UTRGV

Dr. Ahmed Mahmoud
UTRGV

Augusto S. Gonzalez MS
UTRGV

November 1, 2018

RE: NSF CREST CENTER DEVELOPMENT LUNCHEON

Dear Attendee:

On behalf of the Lower Rio Grande Valley TPDES Stormwater Task Force (founded in 1998), thank you for attending and supporting this regional initiative proposed by UTRGV and their tremendous researchers. Collaborating with UTRGV, starting in 2016, UTRGV's commitment to our Task Force programs, to our water-related organizations and to assisting stakeholders with water resources engineering issues and topics, has fueled our Task Force to grow and prosper.

This region lacked for many years the capacity to provide water resources engineering support from its academic institutions, but this is changing, and this grant initiative will continue to provide our region with opportunities to address our local issues with local resources and local capacity. Our Task Force applauds UTRGV for its energetic and determined efforts to invest in our communities.

Please enjoy the discussions with our partners, and the great food from our friends at the Echo Hotel. Talk soon!

Sincerely,

Joe Hinojosa
Chair

Members

Bernard Rodriguez
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Juan De La Garza
City of Mission

Robert Valenzuela
City of Edinburg

Veronica Flores
City of Primera

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Town of Combes

David Alaniz
City of La Villa

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NSF-CREST CENTER PROPOSAL DEVELOPMENT WORKSHOP & LUNCHEON

NOVEMBER 1, 2018 • 11:30 AM • Echo Hotel – Chevron Room • 1903 S. Clossner Blvd. Edinburg, TX

Welcome

Parwinder Grewal, PhD.
Executive Vice President for Research, UTRGV

Overview of

CREST Center for Coastal Water Resources, Interdependent Infrastructure, Sustainability and Resiliency Research (C-WRIISRR, pronounced "SeaRiser")

Andrew Ernest, PhD., PE, BCEE, D.WRE Professor for Civil Engineering, UTRGV

Working and Brainstorming Session

Andrew Ernest, PhD., PE, BCEE, D.WRE Professor for Civil Engineering, UTRGV

Project Team

Principals

Andrew Ernest, PhD., PE, BCEE, D.WRE
Professor for Civil Engineering, UTRGV

Javier Guerrero, M.S., E.I.T.
Director of Water Studies for Civil Engineering, UTRGV

College of Engineering & Computer Science

Constantine Tarawneh, Ph.D.
Associate Dean for Research and Special Projects, UTRGV

Extreme Events

William Donner, PhD.
Associate Professor for Sociology & Anthropology, UTRGV

Jungseok Ho, PhD., PE,
Associate Professor and Co-Chair for Civil Engineering, UTRGV

Water Supply

Chu-Ling Cheng, PhD.
Assistant Professor for School of Earth Environmental and Marine Science, UTRGV

Abdoul Oubeidillah, PhD.
Assistant Professor for Civil Engineering, UTRGV

Environmental Quality

Candace Robledo, PhD.
Assistant Professor for School of Medicine, UTRGV

Ahmed Mahmoud, PhD, Lecturer I for Civil Engineering, UTRGV

Education & Outreach

Angela Chapman, PhD.
Assistant Professor for Teaching and Learning, UTRGV










Sign-In Sheet

CITY OF PALMHURST

Stormwater Education PowerPoint- Maintenance Department

Tuesday, July 2, 2019 at 1:30 PM

NAME	SIGNATURE	Phone or E-MAIL
Juan Lopez		
Eloy Ramirez		
Orly Cruz		
Gerardo Cavazos		
Cruz Alonzo		
PowerPoint Presenters:		
Lupe Garcia		
Gino Cruz		

**CITY OF PALMHURST
STORMWATER
MANAGEMENT**

WHAT IS STORMWATER?

- Rain that runs off pavements and rooftops which carry pollutants: pet waste, oil, grease, fertilizers, which make its way to a local ditches and canals, eventually reaching the Laguna Madre.

DOES STORMWATER CAUSE FLOODING PROBLEMS?

- Yes, with 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 TO DO IF YOU SEE ILLEGAL DUMPING INTO THE STORM DRAINS, 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 the City of Palmhurst Police Department (956) 519-3800 or contact the Stormwater Specialist at (956) 388-8211 or (956)388-8999.

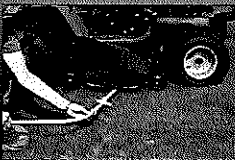


TIPS TO PREVENT STORMWATER POLLUTION

1. Wash the lawn mower on the grass.
2. Keep all inlets clean around the City.
3. Any spills in the warehouse needs to be cleaned up ASAP.
4. Advise residents not to block inlets or water runoff area with brush, and dirt.
5. Maintain a buffer strip of natural vegetation around waterways and ponds.
6. Maintain sprinkler systems to prevent leaks and over-watering.
7. Reduce use of pesticides and fertilizers and do not apply when rain is forecast.
8. Properly store equipment, fuels and other materials.

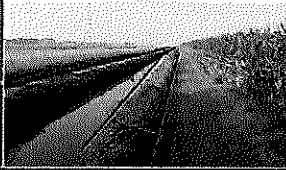
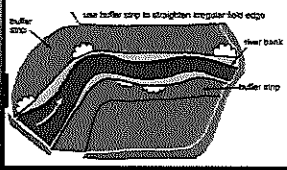
GROUNDS KEEPING

- * Maintain sprinklers system to prevent leaks and over-watering
- * Reduce use of pesticides and fertilizers and do not apply when rain is forecast.
- * Keep fertilizer and grass clippings off paved surfaces
- * Properly store equipment, fuels and other material



BUFFER STRIPS

- Wash equipment on a previous area such as lawns
- Maintain a buffer strip of natural vegetation around waterways and pond




GROUNDS KEEPING

• Examples of properly storing away equipment

Good!

- ✓ Equipment stored upright to prevent fuel leaks

Bad!



SPILL RESPONSE

Be Prepared!

- Create a spill response plan
- Train employees
- Keep a stocked spill kit ready accessible

SPILL RESPONSE

Prompt Spill Clean Up

- Control the source
- Contain spill
- Absorb material



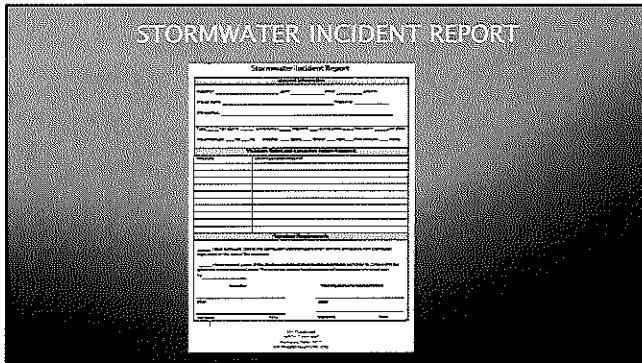
DETECTING STORM DRAIN SYSTEM

- Perform regular maintenance and City trips
- Keep storm drains free of litter and debris
- Do not divert grass clippings or leaves into storm drains



STEPS WHEN YOU SEE THE DIRTY STORM DRAINS

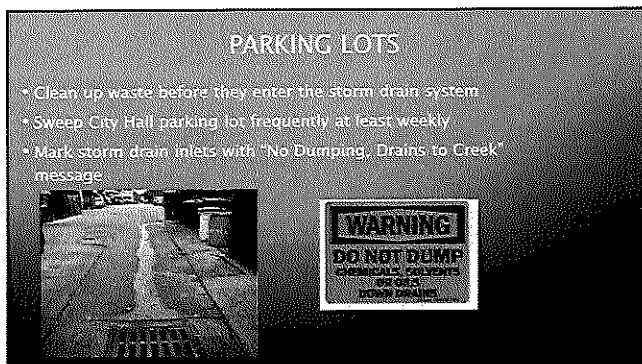
- Report it
- Take Before and After Pictures- important that the date comes out on the picture
- Clean the drain
- Fill out incident report
- Turn in incident report with any attachments to the Stormwater Department



• We can give the violator up to ten day to correct the issue

• if the issue is not corrected then they can be issued a citation for "violating city ordinance"






DUMPSTER AREA

Good!


- ✓ Covered containers
- ✓ No liquids waste
- ✓ No trash on the floor



DUMPSTER AREA

Bad!

- ✗ if spotted please fill out incident report
- ✗ Contact the Stormwater Department



SITE INSPECTIONS AND VIOLATIONS

