



COMMUNITY  
SERVICE  
OPPORTUNITY

March 8, 2018

Texas Commission on Environmental Quality  
Stormwater Team Leader (MC-148)  
P.O. Box 13087  
Austin, Texas 78711-3087

Re: Phase II MS4 Annual Report Transmittal for the City of Schertz  
TPDES Authorization: TXR040241

Dear Team Leader:

This letter serves to transmit the required annual report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040241 for the City of Schertz.

The annual report is for Year 5. The reporting period's beginning December 13, 2017 and December 12, 2018.

A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year.

As required by the general permit, a copy of the report has been mailed to the TCEQ's regional office 13 in San Antonio, Texas.

Sincerely,

Dr. Mark Browne  
City Manager



## Phase II (Small) MS4 Annual Report Form

**TPDES General Permit Number TXR040000**

### A. General Information

Authorization Number: TXR040421

Reporting Year (year will be either 1, 2, 3, 4, or 5): 5

Annual Reporting Year Option Selected by MS4:

Calendar Year: \_\_\_\_\_

Permit Year: 2017-2018

Fiscal Year: \_\_\_\_\_ Last day of fiscal year: (\_\_\_\_\_)

Reporting period beginning date: (month/date/year) December 13, 2017

Reporting period end date: (month/date/year) December 12, 2018

MS4 Operator Level: 2 Name of MS4: City of Schertz

Contact Name: Dr. Mark Browne Telephone Number: 210-619-1000

Mailing Address: 10 Commercial Place Bldg. 2, Schertz, TX 78154

E-mail Address: mbrowne@schertz.com

A copy of the annual report was submitted to the TCEQ Region: YES

Region the annual report was submitted to: TCEQ Region 13

### B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions:  
(TXR040000 Part IV.B.2)

|                                                                                                                                              | <b>Yes</b> | <b>No</b> | <b>Explain</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------------|
| Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.                                                 | X          |           |                |
| Permittee is currently in compliance with recordkeeping and reporting requirements.                                                          | X          |           |                |
| Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.). | X          |           |                |

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement (**see Example 1 in instructions**):

| <b>MCM(s)</b>                                  | <b>BMP</b>                           | <b>BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)</b>                                                                                                                                                                         |
|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1: Public Education, Outreach, and Involvement | School Educational Program           | Yes, awareness of reducing pollutants can be effective no matter what the age. The student's at Paschal Elementary can not only change their own habits, but potentially create awareness for the other children around them as well as adults.                                         |
| 3: Construction Site Stormwater Runoff Control | Site Plan Review Program             | Yes, All site plans for the reporting period were reviewed for stormwater runoff control and Grading and Clearing Permits were reviewed for compliance with SWPPP criteria prior to or concurrently with the first Building or other Construction Permit issued.                        |
| 3: Construction Site Stormwater Runoff Control | Construction Site Inspection Program | Yes, all construction sites are inspected by Engineering Inspectors for erosion control purposes under the Clearing and Grading Permit. This allows for more frequent visits to each construction site for continued monitoring to prevent erosion, sedimentation, and polluted runoff. |

| <b>MCM(s)</b>                                                                   | <b>BMP</b>                                       | <b>BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)</b>                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4: Post-Construction Stormwater Management in New Development and Redevelopment | Site Review Program for Post-Construction Runoff | Yes, All site plans for the reporting period were reviewed for permanent stormwater runoff controls and Grading and Clearing Permitted sites were not provided an acceptance letter or Final Certificate of Occupancy until compliance was achieved.                                                                                                                                              |
| 5: Pollution Prevention and Good Housekeeping for Municipal Operations          | Municipal Employee Training                      | Yes, this year there was an educational opportunity for all personnel in the Water and Wastewater, Streets, Drainage, and Engineering Inspection departments of the City at the regular monthly Department Safety Meeting in August and September. Additionally, three employees from the Engineering Department attended a Stormwater Inspector Training through the National Stormwater Center. |
| 5: Pollution Prevention and Good Housekeeping for Municipal Operations          | Street Sweeping                                  | Yes, this year our street sweepers generally swept all streets at least monthly which directly removes pollutants from the MS4.                                                                                                                                                                                                                                                                   |

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as visual observation, amount of materials removed or prevented from entering the MS4, or, if required, monitoring data, etc.) to evaluate reductions in the discharge of pollutants. You may use the table below to meet this requirement **(see Example 2 in instructions)**:

| <b>MCM</b> | <b>BMP</b>                                           | <b>Information Used</b>                                                        | <b>Quantity</b>                                                               | <b>Units</b>                             | <b>Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)</b>                                   |
|------------|------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 1          | 1.3 School Educational Program                       | Powerpoint provided by cooperating area engineer and neighboring city (Cibolo) | Presentation to Mrs. Long's 4 <sup>th</sup> Grade Class at Paschal Elementary | Educational Outreach Program             | No, This is not a direct reduction, but it does provide information to a school-aged audience specific to this community.          |
| 3          | 3.2 Site Plan Review Program                         | Site Plan Submittals                                                           | 24                                                                            | Site Plans Submittals                    | No, this is indirect because once the site plans are approved the inspectors should ensure BMPS are in place to reduce pollutants. |
| 3          | 3.3 Construction Site Inspection                     | Construction Sites                                                             | 33                                                                            | Grading Permits Issued                   | Yes, this is direct because it actively monitors pollution prevention measures to ensure they are effective.                       |
| 4          | 4.2 Site Review Program for Post-Construction Runoff | Site Plans Submittals                                                          | 24                                                                            | Site Plans Submittals                    | No, this is indirect because once the site plans are approved the inspectors should ensure BMPS are in place to reduce pollutants. |
| 5          | 5.5 Street Sweeping                                  | Sweeping Schedule                                                              | 12                                                                            | Monthly Street Sweeping each Subdivision | Yes, this is direct because it removes pollutants that would be discharged from the road and disposes of them properly.            |

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (**see Example 3 in instructions**):

| <b>MCM(s)</b> | <b>Measurable Goal(s)</b>                             | <b>Explain progress toward goal or how goal was achieved.<br/>If goal was not accomplished, please explain.</b>                                                               |
|---------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1             | Conduct two City-wide cleanup days                    | Met Goal                                                                                                                                                                      |
| 1             | School Education Program                              | Met Goal: Presentation to Mrs. Long's 4 <sup>th</sup> Grade Class at Paschal Elementary                                                                                       |
| 2             | Inspect Outfalls Annually                             | Progress Toward Goal: Inspections were not completed until February 2019 due to weather and staffing shortages.                                                               |
| 3             | Review all Site Plans for Compliance                  | Exceeded Goal: This is done for every approved Site Plan and the Grading and Clearing Permit review, which included 9 additional reviews above and beyond Site Plan projects. |
| 3             | Perform Construction Site Inspections on all projects | Met Goal                                                                                                                                                                      |
| 4             | Review all site Plans for compliance                  | Met Goal                                                                                                                                                                      |
| 5             | Provide training opportunity for Municipal Staff      | Met Goal: August and September Monthly Safety Meeting                                                                                                                         |
| 5             | Provide training opportunity for Municipal Staff      | Exceeded Goal: Engineering Inspectors and Sr. Graduate Engineer attended and passed a Storm Water Inspector Certification provided by the National Stormwater Center          |
| 5             | Sweep all streets monthly                             | Exceeded Goal: All streets were swept at least twice a month.                                                                                                                 |

### **C. Stormwater Data Summary**

Provide a summary of all information used, including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to

the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.?

## **D. Impaired Waterbodies**

1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly-identified impaired waters below by including the name of the water body and the cause of impairment.
  - No new segments have been added.
2. If applicable, explain below any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern.
  - The City of Schertz has addressed the pollutant of concern, bacteria, in our impaired streams by the use of targeted BMPs. No TMDLs have been set for the water bodies discharged to. The pollutant of concern bacteria is targeted through brochures/fact sheets in public areas including Library, City Hall, Visitor's Center, and the Public Works' Building. The City also has signs in targeted areas such as City Parks addressing this pollutant.
3. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL.
  - There are no TMDLs in the segment of streams the MS4 discharges to.
4. Report the benchmark identified by the MS4 and assessment activities:
  - There are no TMDLs in the segment of streams the MS4 discharges to. See Section 4 above for measurable goals

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark:
- There are no TMDLs in the segment of streams the MS4 discharges to. The level of effectiveness will be measured by the goals section as described above including the outreach of the brochures/fact sheets, increasing the amount of signs in the community as areas of needs are identified, continuing educational programs to get information to as many people as practical, as well as increasing the frequency of construction site inspections specific to stormwater runoff.
6. If applicable, report on focused BMPs to address impairment for bacteria:

| <b>Description of<br/>bacteria-focused BMP</b>                                  | <b>Comments/Discussion</b>                                                                                             |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Brochures/Fact Sheets focused on Bacteria                                       | Placed in public areas as indicated in SWMP including City Hall, Library, Visitor's Center, and Public Works Building. |
| Community/Watershed assessment and implementation of targeted BMPs for Bacteria | Through participation with the Middle and Lower Cibolo Creek Watershed Protection Plan team as a stakeholder.          |

7. Assess the progress to determine BMP's effectiveness in achieving the benchmark.

| <b>Benchmark Indicator</b> | <b>Description/Comments</b>                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Educational Opportunities  | Additional Opportunity this year with School Education Program and Watershed Protection Plan community and staff involvement. |
| Municipal Staff Training   | Additional training for staff through Certified Storm Water Inspector Training.                                               |

## E. Stormwater Activities

Describe activities planned for the next reporting year:

| <b>MCM(s)</b> | <b>BMP</b> | <b>Stormwater Activity</b>                           | <b>Description/Comments</b>                                                                     |
|---------------|------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1-5           | All        | Renew General Permit                                 | Permit needs to be renewed by July 2019.                                                        |
| 1             | 1.6        | NOI Public Comment                                   | Provide public comment period through General Permit renewal process.                           |
| 2             | 2.1        | Update Storm Sewer Map                               | Update map to include newly developed storm sewer infrastructure and update outfalls if needed. |
| 3             | 3.1        | Update Technical Manual for Construction Runoff      | Update to Technical Manual (City's Design Guide).                                               |
| 4             | 4.1        | Update Technical Manual for Post-Construction Runoff | Update to Technical Manual (City's Design Guide).                                               |

## F. SWMP Modifications

1. The SWMP and MCM implementation procedures are reviewed each year.

➤ Yes

2. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

➤ No

3. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land, etc.).

- Contact will now be Dr. Mark Browne the new City Manager for the City of Schertz. The position/job title is still the same as required per signatory statutes so no NOC is proposed.

## **G. Additional BMPs for TMDLs and I-Plans**

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

- No changes are proposed at this time.

## **H. Additional Information**

1. Is the permittee relying on another entity to satisfy any permit obligations?

- No

2.a. Is the permittee part of a group sharing a SWMP with other entities?

- No

2.b. If "yes," is this a system-wide annual report including information for all permittees?

- Not applicable

## **I. Construction Activities**

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators):

15

2a. Does the permittee utilize the optional seventh MCM related to construction?

➤ No

2b. If "yes," then provide the following information for this permit year:

➤ Not applicable.

## J. Certification

If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Name (printed): J. Mark Brune Title: City Manager

Signature: [Signature] Date: 13 Mar 2019

Name of MS4 City of Schertz

**If you have questions on how to fill out this form or about the Stormwater Permitting program, please contact us at 512-239-4671.**

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

2018 Stormwater  
Brochures/Fact Sheets  
Available at City Hall, Library,  
Visitor's Center, and Public  
Works Building (minimum 25  
Delivered Per Location and  
Additional as Needed)



SPRING INTO

## Lawn Care Tips that Help Take Care of Texas

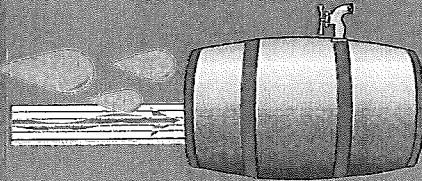
ACTION

### Water Wisely

Avoid watering in the middle of the day. If using sprinklers, use larger drops close to the ground.

### Collect and Use Rainwater

Lawn and garden watering makes up 30 to 50 percent of total household water use. Collecting rainwater for landscape use is great for the plants and can save you water and money.

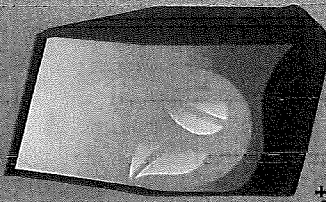


### Use Native Texas Plants

Plants that are native to Texas help conserve water and protect the soil, and require less pesticide, fertilizer, and maintenance—all saving you time and money. The deep root systems of many native plants also increase the soil's capacity to store water and reduce runoff.

### Use Less Pesticides and Fertilizers

More is not always better. To minimize environmental impact, apply pesticides and fertilizers according to the label's directions, and only use the recommended amount.



### Try Composting

Leaves, grass clippings, and other yard debris make up 20 percent of landfill trash. Instead of throwing them out, try composting them. Compost can serve as a soil conditioner and reduces the need for outdoor watering.

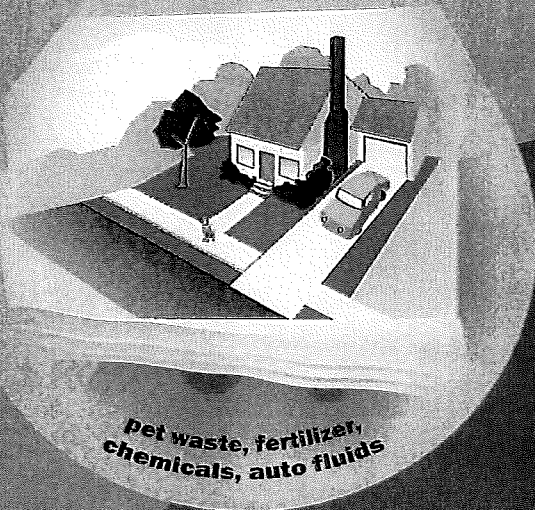


Take Care of Texas—  
It's the only one we've got.

[TakeCareOfTexas.org](http://TakeCareOfTexas.org)

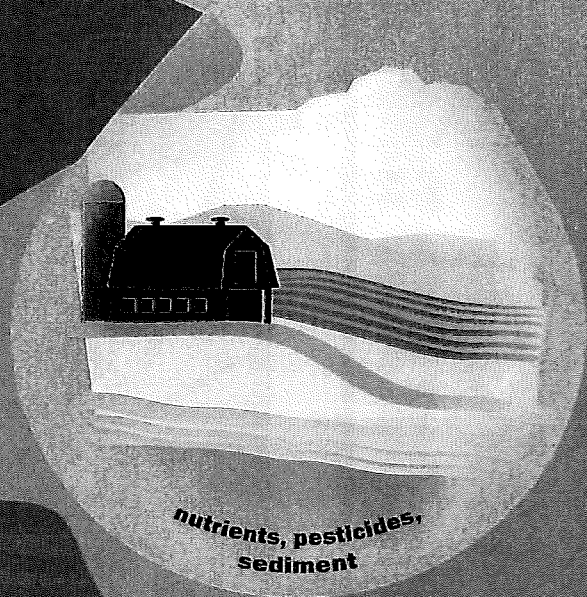
# Preventing Polluted Runoff

## *Everybody's Business*



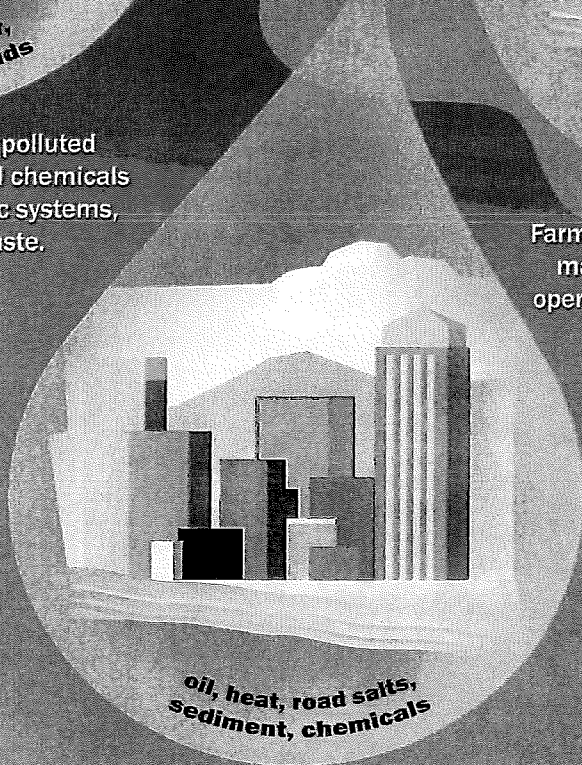
**pet waste, fertilizer,  
chemicals, auto fluids**

Homeowners can prevent polluted runoff by using fertilizers and chemicals sparingly, maintaining septic systems, and picking up pet waste.



**nutrients, pesticides,  
sediment**

Farmers can prevent polluted runoff by managing soil and animal feeding operations and buffering streams with native trees and plants.



**oil, heat, road salts,  
sediment, chemicals**

Developers and planners can prevent polluted runoff by using low impact development and providing structural and nonstructural controls.



EPA 841-H-03-001

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For more information, visit [www.epa.gov/nps](http://www.epa.gov/nps)



## TCEQ REGULATORY GUIDANCE

Small Business and Environmental Assistance Division  
RG-468 • Revised - March 2018

# Primary and Secondary Operators under the Construction General Permit for Stormwater Discharges (TXR150000)

This document is intended to help individuals, businesses, and governments determine if they are a primary or a secondary operator under the stormwater construction general permit. It also discusses who must submit a Notice of Intent (NOI) and an operator's responsibility towards compliance with the permit and the Stormwater Pollution Prevention Plan (SWP3). This guide is not intended to replace the rules but merely a tool to assist with compliance.

The distinction between how primary and secondary operators obtain authorization under the permit is only relevant at large construction sites; therefore, this guide is meant for those operators. Large construction activities disturb 5 or more acres or are part of a larger common plan of development or sale that, in total, will disturb 5 or more acres.

### Primary vs. Secondary Operators at Large Construction Sites

| Authority Over                    | Primary Operators Can                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Secondary Operators Can                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction Plans and Activities | <ul style="list-style-type: none"><li>Exercise onsite operational control over construction plans and specifications including the ability to make changes.</li><li>Have day-to-day operational control of those activities at a construction site that are necessary to ensure compliance with a SWP3 for the site or other permit conditions.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"><li>Approve or disapprove changes to construction plans and specifications.</li><li>Hire or fire an operator such as a general contractor.</li></ul> <p><i>Secondary operators cannot exercise operational control over activities at the site.</i></p>                                                                                                                                                                                                                                                                                                                             |
| Obtaining Permit Coverage         | <ul style="list-style-type: none"><li>Complete and submit an NOI:<ul style="list-style-type: none"><li>seven days before the start of construction if submitting a paper application; or</li><li>before construction if submitting an electronic application.</li></ul></li></ul> <p><b>As of September 1st, 2018, you must submit your NOI electronically through STEERS (ePermits) or request and obtain a waiver from electronic reporting from TCEQ.</b></p> <ul style="list-style-type: none"><li>Complete and post the primary-operator site notice at the site entrance. Include a copy of the notice with the operator's original signature in the SWP3.</li><li>Submit a copy of the NOI to the operator of the local municipal separate storm-sewer system (MS4).</li></ul> | <ul style="list-style-type: none"><li>Complete and post the secondary-operator site notice at the site entrance. Include a copy of the notice with the operator's original signature in the SWP3.</li><li>Submit a copy of the completed site notice to the local MS4 operator.</li></ul> <p><i>A secondary operator can submit an NOI as a primary operator, which will allow more flexibility to direct work at the site as the project progresses.</i></p> <p>If there is no primary operator at the construction site, the secondary operator becomes responsible for the requirements of a primary operator.</p> |
| Terminating Coverage              | <ul style="list-style-type: none"><li>Complete and submit a Notice of Termination to the TCEQ within 30 days of:<ul style="list-style-type: none"><li>reaching final stabilization;</li><li>transferring operational control of the site; or</li><li>obtaining alternative coverage under a TPDES individual permit.</li></ul></li><li>Submit a copy of the notice to the local MS4 operator.</li><li>Remove the posted site notice and temporary controls such as silt fencing.</li></ul>                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"><li>Remove the posted site notice and temporary controls such as silt fencing.</li><li>Complete the bottom portion of the site notice, and submit it to the local MS4 within 30 days of:<ul style="list-style-type: none"><li>reaching final stabilization;</li><li>transfer of operational control of the site; or</li><li>obtaining alternative coverage under a TPDES individual permit.</li></ul></li></ul>                                                                                                                                                                     |

Both primary and secondary operators must ensure that:

- the SWP3 adequately addresses stormwater runoff from the site as indicated in the permit;
- best management practices are selected, implemented, and maintained;
- the areas under the control of each operator are clearly defined; and
- any operators who may be affected by modifications in areas under their control are notified in a timely manner.

Multiple operators at a site may share a single SWP3 if it clearly indicates the name, signature, authorization number, and specific responsibilities of each operator. Both primary and secondary operators may participate in a shared SWP3.

### Example 1

**Q.** Morningside Development Company (MDC) owns 1,000 acres of land that it is developing into a residential subdivision. MDC hires an engineering firm to draw up the construction plans and Moon River Construction to be the general contractor for the project. Moon River Construction is responsible for day-to-day operations, including compliance with all applicable environmental rules. Midway through the project, MDC decides to include a commercial development within the boundaries of the construction site and increase the green space within the residential portion of the site. MDC directs the engineering firm to modify the construction plans accordingly.

*Who is the operator?*

**A.** MDC is a **primary operator** because it has control of the construction plans and specifications including the ability to make changes to those plans and specifications.

**Moon River Construction is a primary operator** because it has day-to-day operational control of the site and the construction to ensure compliance with stormwater permitting requirements.

**The engineering firm is not an operator.** It has been hired by MDC to create and subsequently modify the construction plans and specifications, but has no authority to

initiate changes unless directed by the client.

### Example 2

**Q.** Happy Valley ISD has hired Moon River Construction to build a new middle school campus. The project will be a turnkey operation, and Moon River Construction will be responsible for all aspects of the construction project from start to finish.

Moon River Construction will maintain operational control of the site, including the ability to initiate changes to the plans and specifications to comply with any local ordinances and employ all subcontractors.

Happy Valley ISD will supply the final construction plans and specifications to Moon River Construction and has the ability to approve or disapprove changes to the plans and specifications, but will not have any other involvement at the site during the construction project.

*Who is the operator?*

**A.** **Moon River Construction is a primary operator** because it controls the day-to-day operations at the site and can initiate changes to the construction plans and specifications.

**Happy Valley ISD is a secondary operator** because—after providing the final construction plans and specifications to Moon River Construction—the ISD will not have any additional involvement at the site, except to approve or disapprove changes to the construction plans and specifications that Moon River may feel are necessary to complete the project.

Because this is a turnkey project, once the construction plans and specifications have been turned over to the Moon River Construction, Happy Valley ISD will be unable to initiate additional changes or modifications to those plans. *If Moon River Construction quits the project, Happy Valley ISD may need to become the primary operator or may hire another construction company to act in that role.*

# Be Water Wise at Home



Turn off the water while you brush your teeth and save up to 2 gallons a minute. That's up to 220 gallons a week for a family of four.

Plug the sink instead of running the water to rinse your razor and save up to 200 gallons a month.



**13,000** gallons  
Water-efficient toilets can save up to 13,000 gallons of water a year. If your toilet flapper doesn't close properly after flushing, replace it.



**3,400** gallons  
Save up to 3,400 gallons of water a year by washing laundry only when the machine is full.



A faucet leaking at a rate of one drop per second can waste up to 3,000 gallons of water a year.



Reducing a 10-minute shower using a standard showerhead to 5 minutes will save 12.5 gallons of water in each occasion.



Install more efficient fixtures. A water-efficient showerhead can save the average family 2,900 gallons of water and \$70 in energy and water costs a year.



Using a water-efficient dishwasher will save about 1,600 gallons of water over its lifetime.



## Water wisely

Avoid watering your lawn or garden in the middle of the day. Watering before dawn and after dusk allows for water to be absorbed instead of evaporating in midday heat.



**10%**  
**=30**  
billion

Collect and use rainwater. By collecting rainwater from just 10 percent of the residential roof area in Texas, we could conserve more than 30 billion gallons of water annually.



**Take Care of Texas**  
TakeCareOfTexas.org

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

[www.tceq.texas.gov/publications/gi/gi-370.html](http://www.tceq.texas.gov/publications/gi/gi-370.html)

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[tceq.texas.gov/customersurvey](http://tceq.texas.gov/customersurvey)

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GI-370 (revised 3/16)



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# Sea Prudente con el Agua en Casa



Cierre la llave mientras se cepille los dientes y ahorre hasta 2 galones de agua por minuto. Esto sería hasta 220 galones por semana para una familia de cuatro.

Tape el lavabo en lugar de dejar que corra el agua para enjuagar su rastrillo de afeitador y ahorre hasta 200 galones al mes.



**13,000 galones**  
Inodoros eficientes en agua pueden ahorrar hasta 13,000 galones de agua al año. Si el sello, o sapo, de su inodoro no cierra bien después de la descarga, cámbielo.



**3,400 galones**  
Ahorre hasta 3,400 galones de agua al año lavando ropa sólo cuando la maquina esté llena.



Una llave que gotea una gota por segundo puede desperdiciar hasta 3,000 galones de agua al año.



Reducir una ducha de 10 minutos usando un cabezal de regadera estándar a 5 minutos ahorrará 12.5 galones de agua en cada ocasión.



Instale dispositivos de plomería más eficientes. Un cabezal de regadera eficiente en agua puede ahorrarle 2,900 galones de agua y \$70 en costos de energía y agua al año a la familia promedio.



Usar un lavaplatos eficiente en agua ahorrará alrededor de 1,600 galones de agua durante su vida útil.



**Riegue prudentemente**  
Evite regar su césped o jardín en pleno día. Regar antes del amanecer o después del atardecer permite que el agua se absorba en lugar de evaporarse en el calor del mediodía.



**10% = 30 mil millones**

Capte y use agua de lluvia. Captando agua de lluvia de sólo el 10 por ciento de los techos residenciales en Texas, podríamos conservar más de 30 mil millones de galones de agua anualmente.



COMISIÓN DE CALIDAD AMBIENTAL DE TEXAS

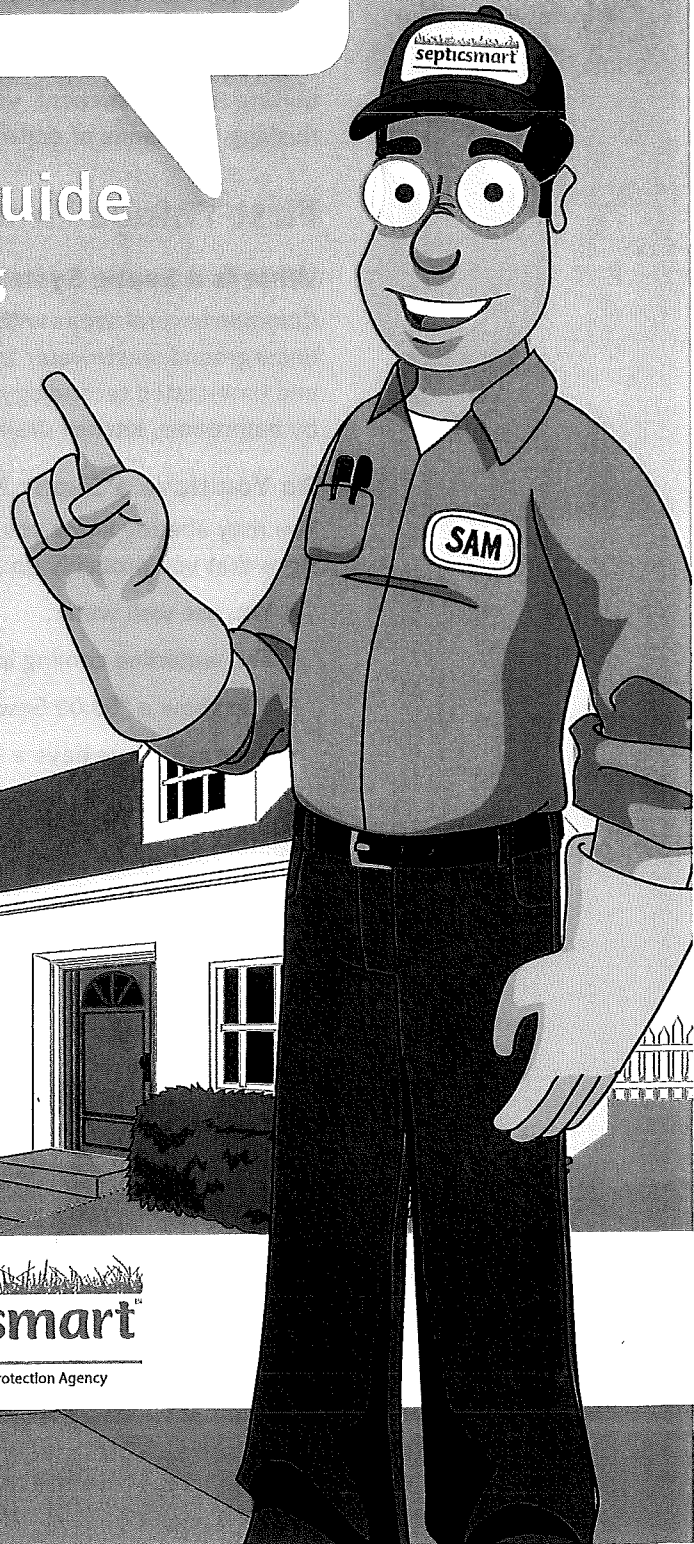
¿Cómo le parece nuestro servicio al cliente?  
[tceq.texas.gov/goto/encuestadelcliente](http://tceq.texas.gov/goto/encuestadelcliente)

La Comisión de Calidad Ambiental de Texas (TCEQ, por el nombre en inglés) es un empleador con igualdad de oportunidades. La agencia tiene prohibido la discriminación por motivos de raza, color de piel, religión, origen nacional, sexo, discapacidad, edad, orientación sexual o condición de veterano.

impreso en papel reciclado usando tinta vegetal

# Do your Part— Be SepticSmart!

## A Homeowners' Guide to Septic Systems



**septicSMART**<sup>™</sup>

U.S. Environmental Protection Agency

## Maintaining Your Septic System:

**Good for your wallet. Good for your health.  
Good for the environment.**

Did you know that one-quarter of all U.S. homes have septic systems? Yours may be one of them. If you're not properly maintaining your septic system, you're not only hurting the environment, you're putting your family's health at risk—and may be flushing thousands of dollars down the drain!

### First Things First:

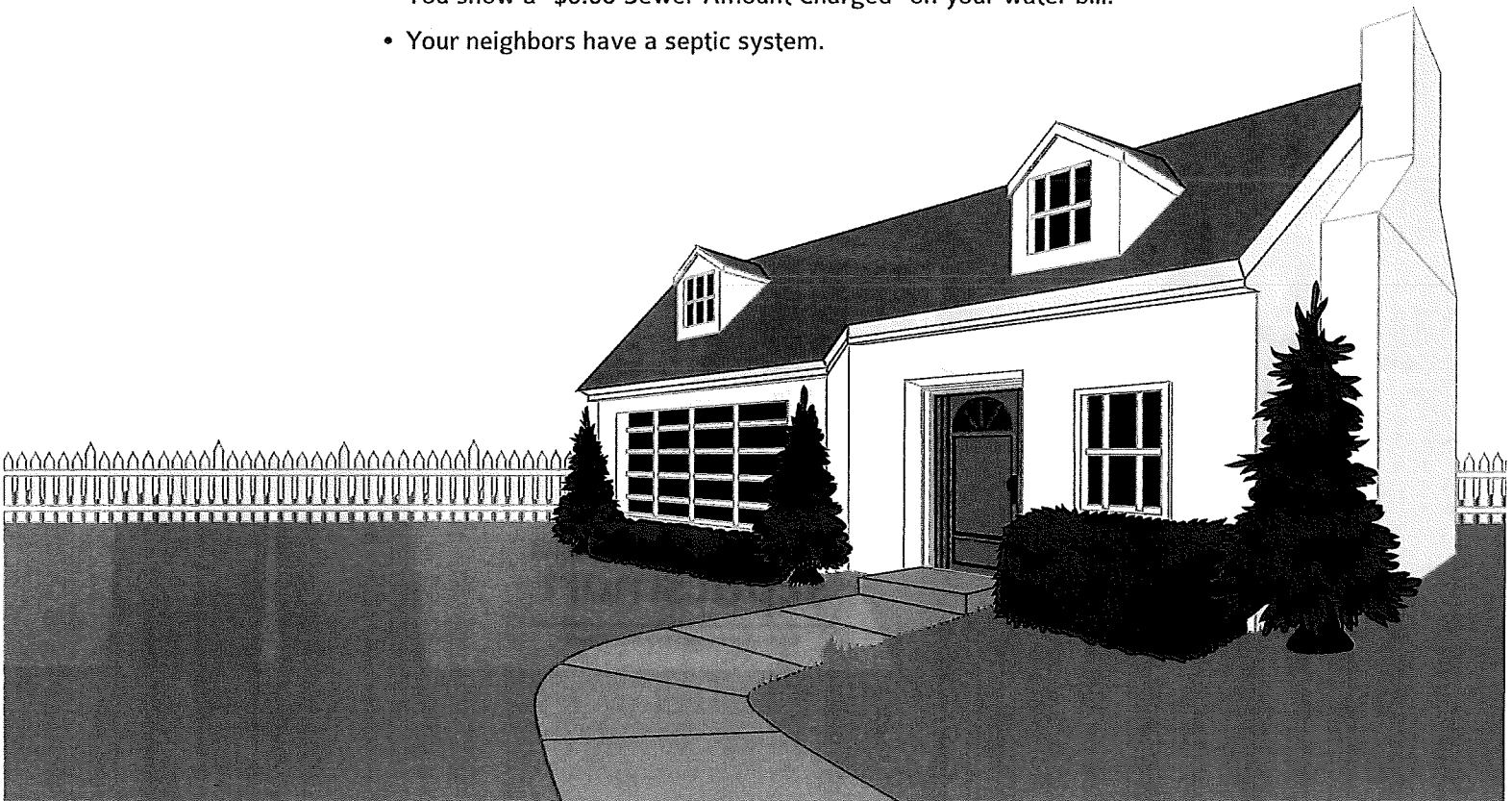
#### What Is a Septic System?

Common in rural areas without centralized sewer systems, septic systems are underground wastewater treatment structures that use a combination of nature and time-tested technology to treat wastewater from household plumbing produced by bathrooms, kitchen drains, and laundry.

#### Do You Have a Septic System?

You may already know you have a septic system. If you don't know, here are tell-tale signs that you probably do:

- You use well water.
- The waterline coming into your home doesn't have a meter.
- You show a "\$0.00 Sewer Amount Charged" on your water bill.
- Your neighbors have a septic system.



## How To Find Your Septic System

Once you've determined that you have a septic system, you can find it by:

- Looking on your home's "as built" drawing.
- Checking your yard for lids and manhole covers.
- Contacting a septic inspector/pumper to help you locate it.

## Why Should You Maintain Your Septic System?

### Maintaining Your Septic System...

#### Saves You Money

Regular maintenance fees of \$250 to \$300 every three to four years is a bargain compared to the cost of repairing or replacing a malfunctioning system, which can cost between \$3,000 and \$7,000. The frequency of pumping required for your system depends on how many people live in your home and the size of the system.

#### Protects Your Property Value

An unusable septic system or one in disrepair will lower your property value, not to mention pose a potentially costly legal liability.

#### Keeps You and Your Neighbors Healthy

Household wastewater is loaded with disease-causing bacteria and viruses, as well as high levels of nitrogen and phosphorus. If a septic system is well-maintained and working properly, it will remove most of these pollutants. Insufficiently treated sewage from septic systems can cause groundwater contamination, which can spread disease in humans and animals.

Improperly treated sewage also poses the risk of contaminating nearby surface waters, significantly increasing the chance of swimmers contracting a variety of infectious diseases, from eye and ear infections to acute gastrointestinal illness and hepatitis.

### Service provider coming? Here's what you need to know.

When you call a septic service provider, he or she will inspect for leaks and examine the scum and sludge layers in your septic tank.

Your septic tank includes a T-shaped outlet which prevents sludge and scum from leaving the tank and traveling to the drainfield area. If the bottom of the scum layer is within six inches of the bottom of the outlet, or if the top of the sludge layer is within 12 inches of the outlet, your tank will need to be pumped. Remember to note the sludge and scum levels determined by the septic professional in your operation and maintenance records, as this will help determine how often pumping is necessary.

The service provider should note any repairs completed and the tank condition in your system's service report. If additional repairs are recommended, be sure to hire someone to make them as soon as possible.

The National Onsite Wastewater Recycling Association (NOWRA) website has a septic locator that makes it easy to service professionals in your area. Visit [www.septiclocator.com](http://www.septiclocator.com) and enter your ZIP code to get started!

## Beware of septic tank additives!

Some makers of septic tank additives claim their products break down septic tank sludge in order to eliminate the need for pumping. But the effectiveness of additives has not been determined; in fact, many studies show that additives have no significant effects on a tank's bacterial populations.

Septic tanks already contain the microbes they need for the effective breakdown of household wastewater pollutants. Periodic pumping is the only true way to ensure that septic systems work properly and provide many years of service.

### Protects the Environment

More than four billion gallons of wastewater is dispersed below the ground's surface every day. That's a lot of water! Groundwater contaminated by poorly or untreated household wastewater doesn't just pose dangers to drinking water—it poses dangers to the environment. Malfunctioning septic systems release bacteria, viruses, and chemicals toxic to local waterways. When these pollutants are released into the ground, they eventually enter streams, rivers, lakes, and more, harming local ecosystems by killing native plants, fish, and shellfish.

## Maintaining Your Septic System:

### The Basics

Septic system maintenance isn't complicated, and it doesn't need to be expensive. Upkeep comes down to four important elements:

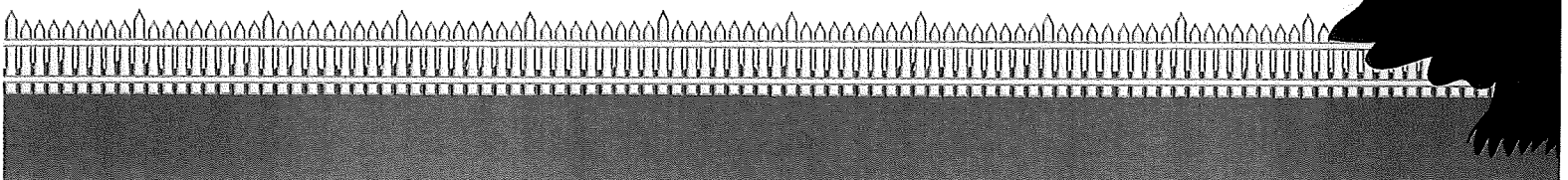
- Inspection and pumping
- Water efficiency
- Proper waste disposal
- Drainfield care

### Inspect and pump frequently

The average household septic system should be inspected at least every three years by a septic service professional. Household septic tanks are typically pumped every three to five years. Alternative systems with electrical float switches, pumps, or mechanical components need to be inspected more often, generally once a year. A service contract is important since alternative systems have mechanized parts.

Four major factors influence the frequency of septic pumping:

- Household size
- Total wastewater generated
- Volume of solids in wastewater
- Septic tank size



### Use water efficiently

Did you know that average indoor water use in a typical single-family home is nearly 70 gallons per individual, per day? And just a single leaky toilet can waste as much as 200 gallons of water per day?

All of the water a household sends down its pipes winds up in its septic system. This means that the more water a household conserves, the less water enters the septic system. Efficient water use can not only improve the operation of a septic system, but it can reduce the risk of failure as well. Learn more about simple ways to save water and water-efficient products by visiting EPA's WaterSense Program at [www.epa.gov/watersense](http://www.epa.gov/watersense).

- **High-efficiency toilets:** Toilet use accounts for 25 to 30 percent of household water use. Most older homes have toilets with 3.5- to 5-gallon reservoirs, while newer, high-efficiency toilets use 1.6 gallons of water or less per flush. Replacing existing toilets with high-efficiency models is an easy way to quickly reduce the amount of household water entering your septic system.
- **Faucet aerators and high-efficiency showerheads:** Faucet aerators help reduce water use as well as the volume of water entering your septic system. High-efficiency showerheads or shower flow restrictors also reduce water use.
- **Washing machines:** Washing small loads of laundry on your washing machine's large-load cycle wastes water and energy. By selecting the proper load size, you'll reduce water waste. If you're unable to select a load size, run only full loads of laundry.

Another tip? Try to spread water use via washing machine throughout the week. Doing all household laundry in one day might seem like a time-saver, but it can be harmful to your septic system, as it doesn't allow your septic tank time to adequately treat waste and could potentially flood your drainfield.

Consider purchasing an ENERGY STAR® clothes washer, which uses 35 percent less energy and a whopping 50 percent less water than a standard model. Learn more about ENERGY STAR appliances by visiting [www.energystar.gov](http://www.energystar.gov).

### Small leaks can lead to big problems!

When it comes to water fixtures, a couple of quick fixes can save you serious problems down the road!

Check to see if your toilet's reservoir is leaking into your toilet bowl by adding five drops of liquid food coloring to the toilet reservoir before bed. If the dye is in the toilet bowl the next morning, the reservoir is leaking and repairs are needed.

Think a leaky faucet is no big deal? Think again. A small drip from a faucet adds gallons of unnecessary water to your septic system every day.

To see how much a leak adds to your water usage, place a cup under the drip for 10 minutes. Multiply the amount of water in the cup by 144 (the number of minutes in 24 hours, divided by 10). Just one cup of leaky faucet water every 10 minutes equals 36 wasted gallons of water a day—and they all end up in your septic system.

New faucets and toilet reservoirs are easily accessible and inexpensive. Choose to make a small investment for a big difference in your septic system.

- **Proper waste disposal:** Whether you flush it down the toilet, grind it in the garbage disposal, or pour it down the sink, shower, or bath, everything that goes down your drains ends up in your septic system. And what goes down the drain can have a major impact on how well your septic system works.

### Toilets Aren't Trash Cans!

Your septic system is not a trash can. An easy rule of thumb? Don't flush anything besides human waste and toilet paper.

#### Never flush:

- Feminine hygiene products
- Condoms
- Dental floss
- Diapers
- Cigarette butts
- Coffee grounds
- Cat litter
- Household chemicals like gasoline, oil, pesticides, antifreeze, and paint
- Pharmaceuticals

For a complete list, visit [water.epa.gov/septicsmart](http://water.epa.gov/septicsmart).

## How does a septic system work?

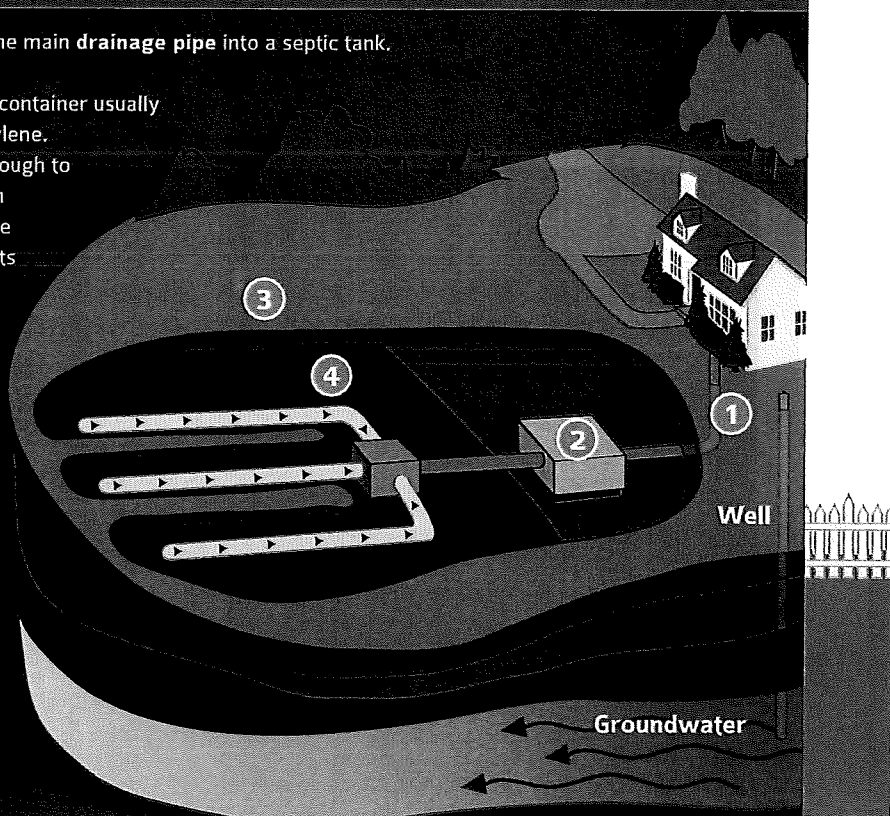
This is a simplified overview of how a septic system works.

- 1 All water runs out of your house from one main **drainage pipe** into a septic tank.

- 2 The **septic tank** is a buried, water-tight container usually made of concrete, fiberglass or polyethylene. Its job is to hold the wastewater long enough to allow solids to settle down to the bottom (forming sludge), while the oil and grease floats to the top (as scum). Compartments and a T-shaped outlet prevent the sludge and scum from leaving the tank and traveling into the drainfield area.

- 3 The liquid wastewater then exits the tank into the **drainfield**. If the drainfield is overloaded with too much liquid, it will flood, causing sewage to flow to the ground surface or create backups in toilets and sinks.

- 4 Finally, the wastewater percolates into the **soil**, naturally removing harmful bacteria, viruses, and nutrients.



## Own an RV, boat or mobile home?

If you spend any time in a recreational vehicle (RV) or boat, you probably know of the problem of odors from sewage holding tanks. Learn more about proper and safe wastewater disposal—download EPA's factsheet at [www.epa.gov/region9/water/groundwater/uic-pdfs/rv-wastewater.pdf](http://www.epa.gov/region9/water/groundwater/uic-pdfs/rv-wastewater.pdf) or call The National Small Flows Clearinghouse's Septic System Care hotline toll-free at 1-800-624-8301.

### Take care at the drain

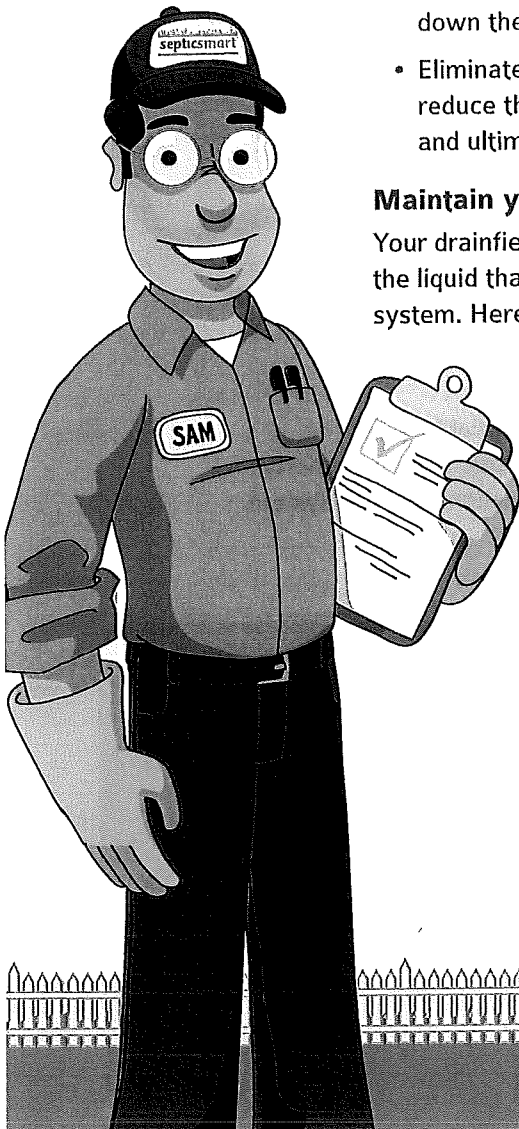
Your septic system contains a collection of living organisms that digest and treat household waste. Pouring toxins down your drain can kill these organisms and harm your septic system. Whether you're at the kitchen sink, bathtub, or utility sink:

- Avoid chemical drain openers for a clogged drain. Instead, use boiling water or a drain snake.
- Never pour cooking oil or grease down the drain!
- Never pour oil-based paints, solvents, or large volumes of toxic cleaners down the drain. Even latex paint waste should be minimized.
- Eliminate or limit the use of a garbage disposal, which will significantly reduce the amount of fats, grease, and solids that enter your septic tank and ultimately clog its drainfield.

### Maintain your drainfield

Your drainfield—a component of your septic system that removes contaminants from the liquid that emerges from your septic tank—is an important part of your septic system. Here are a few things you should do to maintain it:

- Never park or drive on your drainfield.
- Plant trees the appropriate distance from your drainfield to keep roots from growing into your septic system. A septic service professional can advise you of the proper distance, depending on your septic tank and landscape.
- Keep roof drains, sump pumps, and other rainwater drainage systems away from your drainfield area, as excess water slows down or stops the wastewater treatment process.



## Failure Causes

Pouring household and home improvement chemicals down your drains, flushing garbage down toilets, excessive water use, and failure to provide proper maintenance aren't the only culprits for septic system failure. Take note of these additional causes of septic failure:

### Hot tubs

Hot tubs may be a great way to relax, but when it comes to emptying them, your septic system should be avoided. Emptying a hot tub into your septic system stirs the solids in the tank, pushing them into the drainfield, causing it to clog and fail.

Drain cooled hot tub water onto turf or landscaped areas far away from your septic tank and drainfield, and in accordance with local regulations. Use the same caution when draining swimming pools.

### Water purification and softening systems

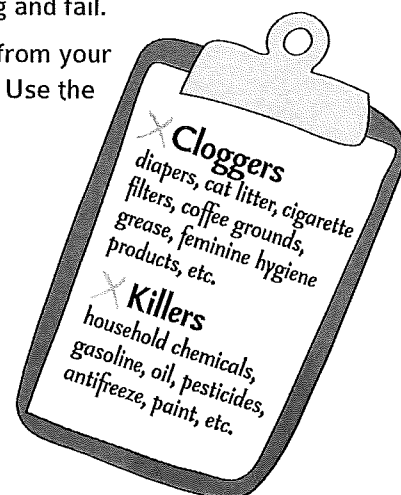
Some freshwater purification systems, including water softeners, unnecessarily pump water into septic systems. Such systems can send hundreds of gallons of water to septic tanks, causing agitation of solids and excess flow to drainfields. When researching water purification and softening systems, check with a licensed plumbing professional about alternative routing for such treatment systems.

### Garbage disposals

Consider eliminating or limit the use of garbage disposals. While convenient, frequent use of garbage disposals significantly increases the accumulation of sludge and scum in septic tanks, resulting in the need for more frequent pumping.

### Improper design or installation

The proper design and installation of a septic system is essential for it to correctly function. A home's groundwater table, soil composition, and a properly leveled drainfield are just a few factors to ensure a well-functioning septic system. Be sure to do your research when hiring septic professionals.



## Failure symptoms: Mind the signs!

A foul odor isn't always the first sign of a malfunctioning septic system. Call a septic professional if you notice any of the following:

- Wastewater backing up into household drains.
- Bright green, spongy grass on the drainfield, even during dry weather.
- Pooling water or muddy soil around your septic system or in your basement.
- A strong odor around the septic tank and drainfield.

Mind the signs of a failing system. One call to a septic professional could save you thousands of dollars!



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U.S. Environmental Protection Agency

**For more information on how you can  
be SepticSmart, please visit:**

**[www.epa.gov/septicmart](http://www.epa.gov/septicmart)**

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## **Improper Disposal of Yard Waste Can Put You Out of Business!**

*Here's how to keep eco-conscious clients happy and comply with city regulations.*

Residents and businesses are becoming more and more aware of the impact improper disposal of yard waste has on their landscape, wallet, and local lakes, rivers, streams, and creeks. As their lawn care company, clients may be asking you to leave their yard waste on the lawn, and if you don't, you may need to look for business elsewhere.



### **Improve your clients' landscape with less work!**

Grass clippings and leaves are truly a valuable natural resource. Grass clippings left on the lawn will provide up to 25% of your lawn's total fertilizer needs, and leaves contain 50 to 80% of the nutrients a plant extracts from the soil and air during the season. To keep these nutrients where they will nourish the lawn, mulch grass clippings and leaves and leave them on the lawn, or compost them.



### **Save your clients' money!**

During the year, at least 20% of the solid waste generated by Texans comes from grass clippings, tree leaves, and other yard wastes. Bagging these materials and placing them into the curbside garbage collection system uses valuable landfill space and costs residents more in increased taxes and service fees.

Clogged storm drains also use up tax dollars. A nearby storm drain may become clogged if grass clippings and/or leaves are swept or blown into the storm drain. Clogged storm drains may cause flooding and requires that the city come out and clean the storm drain. Ask your clients if they would prefer to have their tax dollars spent on cleaning out a storm drain or fixing a pothole in the street.

By leaving grass clippings and fallen tree leaves on your lawn, you are supplying it with natural fertilizers, meaning your clients spend less money on fertilizer application and you also save money, time, and energy.



### **Be environmentally-friendly!**

Yard waste left in the street, sidewalk, or driveway, or dumped, blown, or swept into the storm drain will eventually wash into nearby creeks, streams, rivers, and lakes during a storm or by water runoff from watering your lawn. Yard waste in a local waterway depletes the oxygen level in the water, which is harmful to aquatic life. Improperly applied chemical fertilizers, as well as organic amendments, used on the lawn also wash down the storm drain and negatively impact aquatic life, so by helping your clients use their yard waste as a natural fertilizer, you can help reduce storm water pollution.



### **Properly dispose of yard waste.**

When your clients ask you to leave the yard waste on the lawn, be prepared. Here's what you should do:

- Remove yard waste from the streets, sidewalks, and driveways. Blow or sweep grass clippings or tree leaves back up into the yard where they can help provide additional nutrients to your lawn.
- Don't Bag It™! Use grass clippings or fallen leaves as mulch or shred them and use them to fertilize the lawn and protect landscape plants from extreme weather. Mulching mowers and blades make this easy. (But be sure to clean up any yard waste that gets into the street).
- If the clients have a compost bin, add the yard waste to that bin.



For more information on proper lawn care, contact **Schertz Public Works** at **210-619-1800** or **[www.schertz.com](http://www.schertz.com)**

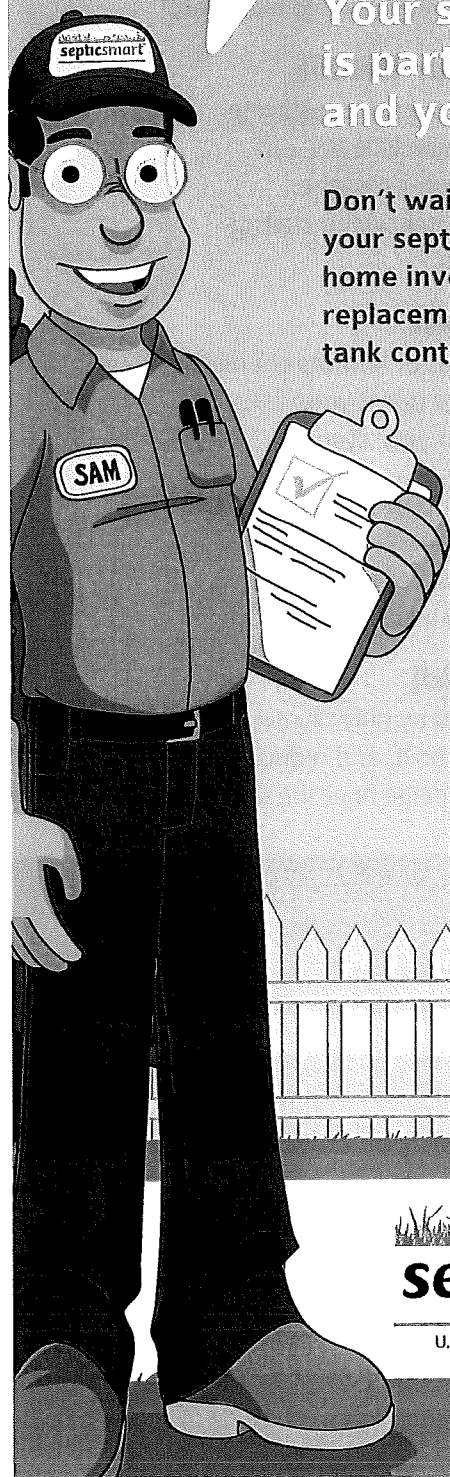
# On a septic system?

## When's the last time you thought about it?

Your septic system  
is part of your home  
and your responsibility.

Don't wait until you have issues with  
your septic system. Protect your  
home investment and avoid costly  
replacement—call a licensed septic  
tank contractor today.

- Have your septic tank inspected and pumped out by a licensed septic tank contractor as needed (on average every three to five years).
- Protect your system by practicing simple, daily tips (see reverse).



**septicmart**<sup>™</sup>

U.S. Environmental Protection Agency

# SEPTIC TIPS

☒ **Keep it Protected—Get it Inspected!**

Have your septic tank inspected and pumped out by a licensed septic tank contractor as needed (on average every three to five years).

☒ **Don't Strain your Drain!**

Use water efficiently to avoid overtaxing your system. Fix household leaks, run the dishwasher and clothes washer only on full loads, and consider installing high-efficiency fixtures.

☒ **Think at the Sink!**

Don't pour grease, fats, or harmful chemicals like paints and solvents down your sink. They can clog or harm your system.

☒ **Don't Overload the Commode!**

Do not flush non-degradable items such as dental floss, diapers, coffee grounds, or feminine hygiene products.

☒ **Shield your Field!**

Care for your drainfield by only planting grass, not driving or parking on it, and reducing roof and surface water drainage near the drainfield.

**Know your part, be SepticSmart!**

Learn more at [www.epa.gov/septicsmart](http://www.epa.gov/septicsmart).



U.S. Environmental Protection Agency



# The "Take Care of Texas" Guide to Yard Care

**D**o your part for the environment, starting in your own yard. The "Take Care of Texas" *Guide to Yard Care* will help you maintain a healthy yard, save money, and take care of our state's varied landscapes.

## Why Take Care of Texas?

Texas is a beautiful state rich in diverse resources. As Texans, it is our job to make sure our state remains a beautiful and healthy place to live. To accomplish this goal, all Texans need to do their part. The Take Care of Texas campaign is designed to involve all Texans in simple changes that will help keep our air and water clean, conserve water and energy, reduce waste, and save individuals a little money in the process. For more information, please visit <TakeCareOfTexas.org>.

## Water Conservation

Lawn and garden watering make up nearly 40 percent of total household

water use during the summer. Finding ways to use less water will not only help conserve this precious resource, it will also save you money on your water bill.\*

### Irrigate Efficiently

Much of the water applied to lawns and gardens is never absorbed by plants. The greatest waste of water results from applying it too rapidly or too often. Water applied too rapidly is lost as runoff, which may carry polluting fertilizers and pesticides to streams and lakes. Some water evaporates when it's applied to bare, unmulched soil, or in the hot afternoon.

Sprinkler systems offer an effective method for irrigation, if used properly. Make sure that sprinkler heads are adjusted to avoid watering sidewalks and driveways. Also, a properly adjusted sprinkler head sprays large drops of water instead of a fine mist, which is more susceptible to evaporation and wind drift.

Drip irrigation and soaker hoses offer an efficient method for watering vegetables, ornamental and fruit trees, shrubs, vines, and container-grown plants. Drip irrigation slowly applies water to the soil by flowing, under low pressure, through emitters, bubblers, or spray heads placed at each plant. Water applied by drip irrigation is not likely to evaporate or run off.

Soaker hoses require less equipment and are easier and less expensive to install than drip irrigation. A soaker hose is a porous hose that can be connected to an outside faucet, a garden hose, or a rain barrel and laid out along the base of the plants. The hose allows water to seep out along its length.

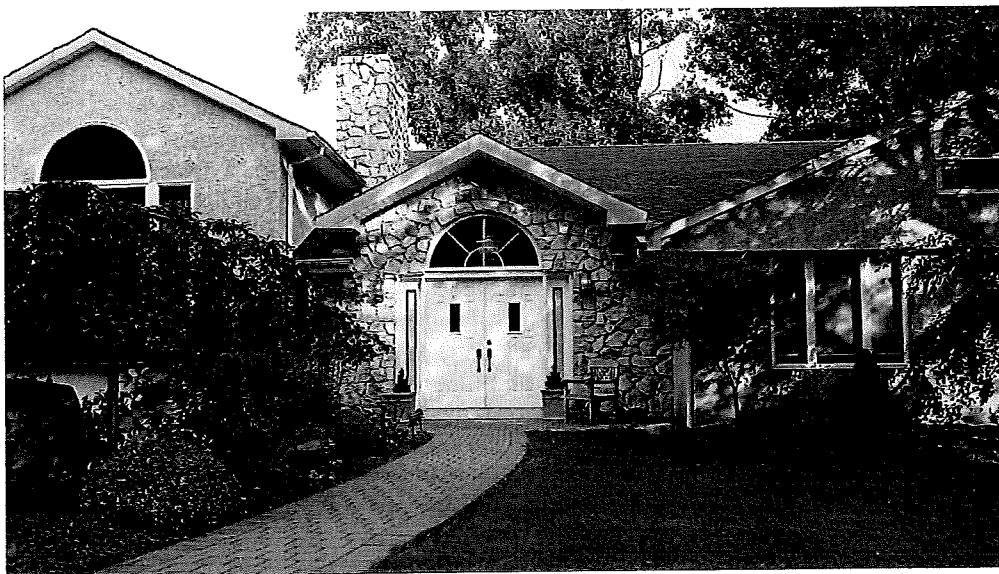
For more information on irrigation practices, see *Landscape Irrigation: A "Take Care of Texas" Guide* (GI-409) at <TakeCareOfTexas.org/publications/gi-409.pdf>.

### Avoid Overwatering

Watering too heavily or too often weakens your lawn and causes erosion and runoff pollution. Excess irrigation can also leach nutrients deep into the soil away from the plant roots, increasing the chances of polluting the groundwater. Similarly, runoff caused by excess irrigation can carry polluting fertilizers and pesticides to streams and lakes.

Most lawns receive twice as much water as they require for a healthy appearance. Water should be applied to lawns infrequently, yet thoroughly. To know when it's time to water your lawn, simply observe your grass. Wilting and discoloration are signs of water stress. At the first sign of wilting, you have 24 to 48 hours before damage to your lawn occurs. A general rule is to

\*Always comply with your water system's water-use restrictions.



water one inch, once a week.\* An easy method for watering one inch is to place an empty 6-ounce tuna can on your lawn and stop watering when it is full.

Watering infrequently but thoroughly also strengthens root systems, helping your lawn to efficiently use the water that's stored in the soil.

### Water in the Morning

Watering in the morning will save water from being evaporated by the midday heat. Watering in the morning will also help your plants stay healthy, since watering late in the evening or at night keeps leaves wet for an extended period of time, which increases the chances of disease and some pests.\*

### Practice Grasscycling

*Grasscycling* refers to the practice of leaving grass clippings on the lawn to decompose into soil. Grasscycling will not only cut down on your watering needs, it will make your turf greener and tougher by preventing common turf diseases and reducing the need for lawn fertilizer. The key to grasscycling is to mow at the proper height and disperse the grass clippings evenly, so that they can work their way down to the soil. Mowing grass too short causes

stress, discourages deep root growth, and results in rapid loss of soil moisture.

Mow often enough so that each mowing removes no more than one-third of the grass blade. For example, if you set your cutting height at 2 inches, you should cut your grass before it's more than 3 inches tall.

When the mowed grass clippings remain on the yard, they can act as a slow-release lawn fertilizer, while also helping to retain soil moisture. This reduces the need for watering and can eliminate the need for fertilizer. This, in turn, helps to keep fertilizers out of storm drains and, as a result, out of rivers, lakes, and bays.

### Try Composting and Mulching

Yard trimmings make up 20 percent of the waste generated by Texans each year. Instead of throwing them out with the garbage, recycle these materials by composting or mulching them.

Mulch can consist of wood chips or shavings, leaves, or grass clippings, and serves to retain soil moisture, prevent

erosion, suppress weeds, and protect plants from temperature changes. Composting is the controlled, accelerated decomposition of organic material such as yard trimmings, kitchen scraps, wood shavings, cardboard, and paper. Compost provides valuable nutrients when mixed into the soil, and can also make good mulch.

By using mulch and compost on lawns and gardens, Texans could reduce the need for outdoor watering by 30 to 60 percent.

For more information, see *Mulching and Composting: A "Take Care of Texas" Guide* (GI-36) at <TakeCareOfTexas.org/publications/gi-036.pdf>.

### Keep Our Water Clean

The quality of water is improving statewide, thanks to efforts by cities, industries, and individuals. However, we all need to do our part to help keep our lakes, rivers, and streams clean for their intended uses—whether it's for swimming, fishing, or drinking.

### Reduce Runoff

Rainfall runoff pollutes water by carrying soil, fertilizers, and pesticides to nearby streams. Composting and grasscycling are both great ways to help reduce runoff pollution, because they prevent erosion, increase your soil's ability to absorb and retain water, and reduce the need for fertilizers.

### Use Fewer and Better Pesticides and Fertilizers

Perhaps assuming that more is better, residential users apply more pounds per acre of synthetic pesticides and fertilizers than farmers do. However, more is *not* better, since overwatering (or a rainstorm) can wash fertilizer away—wasting your money and contaminating nearby waterways with pollution. There are less toxic, even natural, substitutes that are just as effective.

If you do choose to use pesticides and fertilizers, however, it is very important to your health and the environment to always apply the product according to the label's directions, use only the recommended amount, and adjust your watering accordingly.

### Collect and Use Rainwater

By collecting rainwater and using it on your lawn, plants, flowers, trees, and shrubs, you can save water and money. In fact, by collecting rainwater from just 10 percent of the residential roof area in Texas, we could conserve over 30 billion gallons of water annually. Using collected rainwater has three major advantages: it reduces runoff pollution, it can reduce your utility bills (the water is free!), and it is healthier for plants than treated water.

Systems for harvesting rainwater can be as simple as placing a barrel beneath a gutter downspout to collect a small amount of water for use on gardens and plants. Rain barrels are simple to install and can be made easily at home. For instructions on how to make your own rain barrel, see *Rainwater Harvesting with Rain Barrels: A "Take Care of Texas" Guide* (GI-383) at <TakeCareOfTexas.org/publications/gi-383.pdf>.

To collect more rainwater, consider installing a large system using cisterns, which can collect thousands of gallons of water. For information on constructing a larger rainwater-harvesting system, see *Rainwater Harvesting* (GI-404, reprinted courtesy of the Texas A&M AgriLife Extension Service) at <TakeCareOfTexas.org/publications/gi-404.pdf>.



\*Always comply with your water system's water-use restrictions.

## Keep Our Air Clean

Despite having the fastest growing population of any state in the country, Texas has seen significant improvement in air quality over the last ten years. We all need to continue to do our part to keep our air clean, and a great place to start is in your own yard.

Many people who use power lawn equipment contribute to air pollution unintentionally, by handling fuel carelessly and by maintaining their equipment improperly. By adopting simple, common-sense practices, consumers can help reduce emissions and keep our air clean.

## Avoid Spilling Gasoline

To prevent spills and overfills, try the following tips:

- Use a gasoline container you can handle easily and hold securely. When you pour, do it slowly and smoothly.
- Use a funnel or spout with an automatic stop device to prevent overfilling. Keep the cap or spout and the vent hole on gasoline containers closed tightly.
- Transport and store gasoline and power equipment out of direct sunlight, in a cool, dry space.
- At the gas station, use caution when pumping gasoline into a container.

## Maintain Your Equipment

Follow the manufacturer's maintenance guidelines, including the following practices:

- Change the oil and clean or replace the air filters regularly. Make sure you recycle your used oil at a collection center. To locate a center near you, go to [www.tceq.texas.gov/p2/hhw/hhw.html](http://www.tceq.texas.gov/p2/hhw/hhw.html).
- Use the proper mixture of fuel and oil in equipment with two-stroke engines.
- Get periodic tune-ups, maintain the mower's blades, and keep the underside of the mower's deck clean.
- Protect your equipment from the elements when not in use.

## Reduce Mowing Time

Use low-maintenance turf grasses or grass-and-flower seed mixtures that grow slowly and require less mowing. Check with your local Texas A&M AgriLife Extension Service office or retail lawn and garden center about what is appropriate for your region.

Consider replacing turf-grass with native and adapted trees, shrubs, and flowers. Doing so reduces the energy needed to heat and cool your house, and provides habitat for wildlife. Native wildflowers and plants require little or no maintenance after planting.

## Consider Cleaner Options

Some types of lawn and landscape equipment are more environmentally friendly than others. When selecting equipment, compare the air emissions, noise level, and energy consumption of different products. Emissions from gas-powered garden tools account for an estimated five percent of the nation's air pollution, while newer mowers with electric or battery-powered engines are both quieter and less polluting.

## Use Manual Tools

Tools without motors—electric or gasoline—are especially handy for small yards or small jobs. Hand tools—like shears, edgers, and push reel mowers—are lightweight, quiet, easy to use, and do not generate emissions.

## Landscape Design

Creating a healthy, low-maintenance landscape starts with a well-planned design that offers many benefits to you and the environment. Sketch your yard with locations of existing structures, trees, shrubs, and grass areas. Then consider your landscaping requirements, limitations, and considerations regarding budget, appearance, function, maintenance, and irrigation.

Take note of slopes, and consider including buffer zones of turf grass or other thick vegetation to absorb runoff from buildings and patios, and to reduce runoff into driveways and streams. Including lawn edging and hard surfaces between turf and other landscape features also discourages weeds and reduces the need for trimming and herbicides.



Group together plants that have similar watering needs, to prevent over-watering and excessive plant growth.

For more information on landscape design, visit [earthkind.tamu.edu](http://earthkind.tamu.edu).

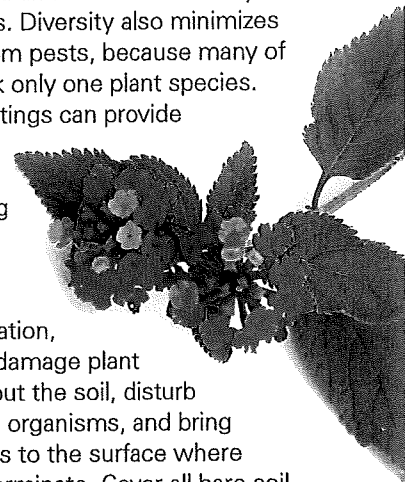
## Plant Selection and Care

Using native and well-adapted plants is one of the easiest ways to create a low-maintenance and environmentally sound yard. Plants that are native or well adapted to your area will:

- use less water,
- reduce the need for soil modification,
- require little or no fertilizer,
- be less susceptible to pest problems, and
- be more tolerant of stressful environmental conditions, such as drought.

Incorporate a variety of plants to provide food and cover for a variety of living things. Diversity also minimizes damage from pests, because many of them attack only one plant species. Dense plantings can provide shade that keeps out invading weeds.

Avoid frequent or deep cultivation, which can damage plant roots, dry out the soil, disturb healthy soil organisms, and bring weed seeds to the surface where they can germinate. Cover all bare soil between plants with a solid mulch layer.



Consider planting deciduous trees on the south and west sides of your house and around your air conditioner. Because deciduous trees lose their leaves in the winter, they can save you energy by keeping your home shady and cool in the summer, yet allow the sun to shine through windows to warm your home in the winter.

### Grass Selection and Care

Turf grasses require more frequent watering and maintenance than most other landscape plants. Select grass carefully according to its intended use, planting location, and maintenance requirements, and make sure to choose turf that is compatible with your region and environment.

St. Augustine and Bermuda grasses are most often used for lawns in Texas. Zoysia, buffalo, and centipede grasses are used less often but are also good options.

In most landscape areas, turf grasses have the highest water demand and the highest maintenance requirements of all plants. Planting the lowest-water-use turf grass adapted to your region is an effective way to reduce the need for landscape irrigation. Also, mow grass at the proper height to both conserve water and strengthen grass roots.

Avoid narrow strips or odd shapes of turf grass that will be difficult to irrigate without wasting time and water. Other forms of ground cover or alternative plant areas can also reduce your ongoing expenditures of time, energy, water, and money.

## Additional Resources

### General Information

Texas Commission on Environmental Quality  
[www.tceq.texas.gov](http://www.tceq.texas.gov)

Texas Water Development Board  
[www.twdb.texas.gov](http://www.twdb.texas.gov)

Texas A&M AgriLife Extension Service  
[agrilifeextension.tamu.edu](http://agrilifeextension.tamu.edu)

### Yard Care Resources

Texas A&M AgriLife Extension, EarthKind  
[earthkind.tamu.edu](http://earthkind.tamu.edu)

### For more information, contact:

Take Care of Texas, MC 109  
Texas Commission on Environmental Quality  
PO Box 13087  
Austin TX 78711-3087  
512-239-3115  
[www.tceq.texas.gov](http://www.tceq.texas.gov)

The "Take Care of Texas" Guide to Yard Care is meant to be a general overview of ways you can help to Take Care of Texas in your own yard. For more detailed information, see the following other TCEQ "Take Care of Texas" guides at <[TakeCareOfTexas.org/publications](http://TakeCareOfTexas.org/publications)>:

- *Mulching and Composting* (GI-36)
- *Rainwater Harvesting with Rain Barrels* (GI-383)
- *Managing 10 Common Texas Yard Pests* (GI-405)
- *Managing Lawn Problems in Texas* (GI-407)
- *Landscape Irrigation* (GI-409)

How is our customer service? [www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

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 Printed on recycled paper using vegetable-based ink.

# Protecting Water Quality from **URBAN RUNOFF**

## Clean Water Is Everybody's Business

In urban and suburban areas, much of the land surface is covered by buildings and pavement, which do not allow rain and snowmelt to soak into the ground. Instead, most developed areas rely on storm drains to carry large amounts of runoff from roofs and paved areas to nearby waterways. The stormwater runoff carries pollutants such as oil, dirt, chemicals, and lawn fertilizers directly to streams and rivers, where they seriously harm water quality. To protect surface water quality and groundwater resources, development should be designed and built to minimize increases in runoff.

### How Urbanized Areas Affect Water Quality

#### Increased Runoff

The porous and varied terrain of natural landscapes like forests, wetlands, and grasslands traps rainwater and snowmelt and allows them to filter slowly into the ground. In contrast, impervious (nonporous) surfaces like roads, parking lots, and rooftops prevent rain and snowmelt from infiltrating, or soaking, into the ground. Most of the rainfall

The most recent National Water Quality Inventory reports that runoff from urbanized areas is the leading source of water quality impairments to surveyed estuaries and the third-largest source of impairments to surveyed lakes.

*Did you know that because of impervious surfaces like pavement and rooftops, a typical city block generates more than 5 times more runoff than a woodland area of the same size?*

and snowmelt remains above the surface, where it runs off rapidly in unnaturally large amounts.

Storm sewer systems concentrate runoff into smooth, straight conduits. This runoff gathers speed and erosional power as it travels underground. When this runoff leaves the storm drains and empties into a stream, its excessive volume and power blast out streambanks, damaging streamside vegetation and wiping out aquatic habitat. These increased storm flows carry sediment loads from construction sites and other denuded surfaces and eroded streambanks. They often carry higher water temperatures from streets, roof tops, and parking lots, which are harmful to the health and reproduction of aquatic life.

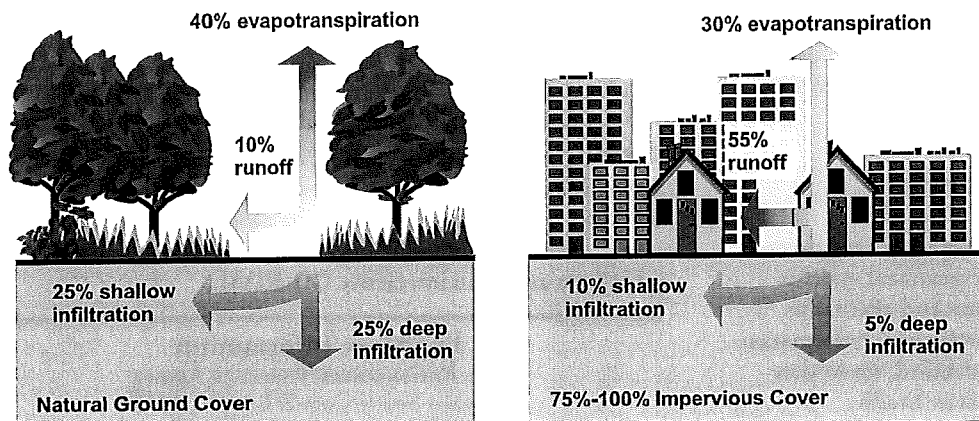
The loss of infiltration from urbanization may also cause profound groundwater changes. Although urbanization leads to great increases in flooding during and immediately after wet weather, in many instances it results in lower stream flows during dry weather. Many native fish and other aquatic life cannot survive when these conditions prevail.

#### Increased Pollutant Loads

Urbanization increases the variety and amount of pollutants carried into streams, rivers, and lakes. The pollutants include:

- Sediment
- Oil, grease, and toxic chemicals from motor vehicles
- Pesticides and nutrients from lawns and gardens
- Viruses, bacteria, and nutrients from pet waste and failing septic systems
- Road salts
- Heavy metals from roof shingles, motor vehicles, and other sources
- Thermal pollution from dark impervious surfaces such as streets and rooftops

These pollutants can harm fish and wildlife populations, kill native vegetation, foul drinking water supplies, and make recreational areas unsafe and unpleasant.



*Relationship between impervious cover and surface runoff. Impervious cover in a watershed results in increased surface runoff. As little as 10 percent impervious cover in a watershed can result in stream degradation.*

## Managing Urban Runoff What Homeowners Can Do

To decrease polluted runoff from paved surfaces, households can develop alternatives to areas traditionally covered by impervious surfaces. Porous pavement materials are available for driveways and sidewalks, and native vegetation and mulch can replace high maintenance grass lawns. Homeowners can use fertilizers sparingly and sweep driveways, sidewalks, and roads instead of using a hose. Instead of disposing of yard waste, they can use the materials to start a compost pile. And homeowners can learn to use Integrated Pest Management (IPM) to reduce dependence on harmful pesticides.

In addition, households can prevent polluted runoff by picking up after pets and using, storing, and disposing of chemicals properly. Drivers should check their cars for leaks and recycle their motor oil and antifreeze when these fluids are changed. Drivers can also avoid impacts from car wash runoff (e.g., detergents, grime, etc.) by using car wash facilities that do not generate runoff. Households served by septic systems should have them professionally inspected

and pumped every 3 to 5 years. They should also practice water conservation measures to extend the life of their septic systems.

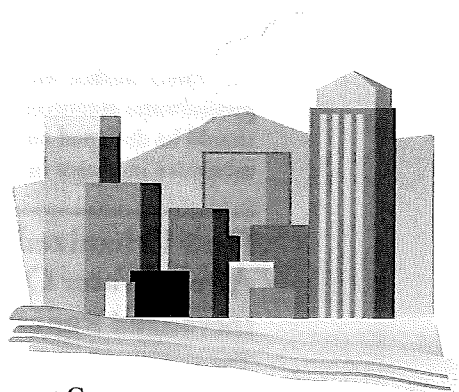
### Controlling Impacts from New Development

Developers and city planners should attempt to control the volume of runoff from new development by using low impact development, structural controls, and pollution prevention strategies. Low impact development includes measures that conserve natural areas (particularly sensitive hydrologic areas like riparian buffers and infiltrable soils); reduce development impacts; and reduce site runoff rates by maximizing surface roughness, infiltration opportunities, and flow paths.

### Controlling Impacts from Existing Development

Controlling runoff from existing urban areas is often more costly than controlling runoff from new developments. Economic efficiencies are often realized through approaches that target "hot spots" of runoff pollution or have multiple benefits, such as high-efficiency street sweeping (which addresses aesthetics, road safety,

and water quality). Urban planners and others responsible for managing urban and suburban areas can first identify and implement pollution prevention strategies and examine source control opportunities. They should seek out priority pollutant reduction opportunities, then protect natural areas that help control runoff, and finally begin ecological restoration and retrofit activities to clean up degraded water bodies. Local governments are encouraged to take lead roles in public education efforts through public signage, storm drain marking, pollution prevention outreach campaigns, and partnerships with citizen groups and businesses. Citizens can help prioritize the clean-up strategies, volunteer to become involved in restoration efforts, and mark storm drains with approved "don't dump" messages.



## Related Publications

### Turn Your Home into a Stormwater Pollution Solution!

[www.epa.gov/nps](http://www.epa.gov/nps)

This web site links to an EPA homeowner's guide to healthy habits for clean water that provides tips for better vehicle and garage care, lawn and garden techniques, home improvement, pet care, and more.

### National Management Measures to Control Nonpoint Source Pollution from Urban Areas

[www.epa.gov/owow/nps/urbanmm](http://www.epa.gov/owow/nps/urbanmm)

This technical guidance and reference document is useful to local, state, and tribal managers in implementing management programs for polluted runoff. Contains information on the best available, economically achievable means of reducing pollution of surface waters and groundwater from urban areas.

### Onsite Wastewater Treatment System Resources

[www.epa.gov/owm/onsite](http://www.epa.gov/owm/onsite)

This web site contains the latest brochures and other resources from EPA for managing onsite wastewater treatment systems (OWTS) such as conventional septic systems and alternative decentralized systems. These resources provide basic information to help individual homeowners, as well as detailed, up-to-date technical guidance of interest to local and state health departments.

### Low Impact Development Center

[www.lowimpactdevelopment.org](http://www.lowimpactdevelopment.org)

This center provides information on protecting the environment and water resources through integrated site design techniques that are intended to replicate preexisting hydrologic site conditions.

### Stormwater Manager's Resource Center (SMRC)

[www.stormwatercenter.net](http://www.stormwatercenter.net)

Created and maintained by the Center for Watershed Protection, this resource center is designed specifically for stormwater practitioners, local government officials, and others that need technical assistance on stormwater management issues.

### Strategies: Community Responses to Runoff Pollution

[www.nrdc.org/water/pollution/storm/stoinx.asp](http://www.nrdc.org/water/pollution/storm/stoinx.asp)

The Natural Resources Defense Council developed this interactive web document to explore some of the most effective strategies that communities are using around the nation to control urban runoff pollution. The document is also available in print form and as an interactive CD-ROM.

## For More Information

U.S. Environmental Protection Agency  
Nonpoint Source Control Branch (4503T)  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460

[www.epa.gov/nps](http://www.epa.gov/nps)

2018 Stormwater  
Brochures/Fact Sheets for  
School-aged Children Available  
at City Hall, Library, and  
Visitor's Center (minimum 25  
Delivered Per Location and  
Additional as Needed)



# HOW CAN YOU TAKE CARE OF TEXAS?

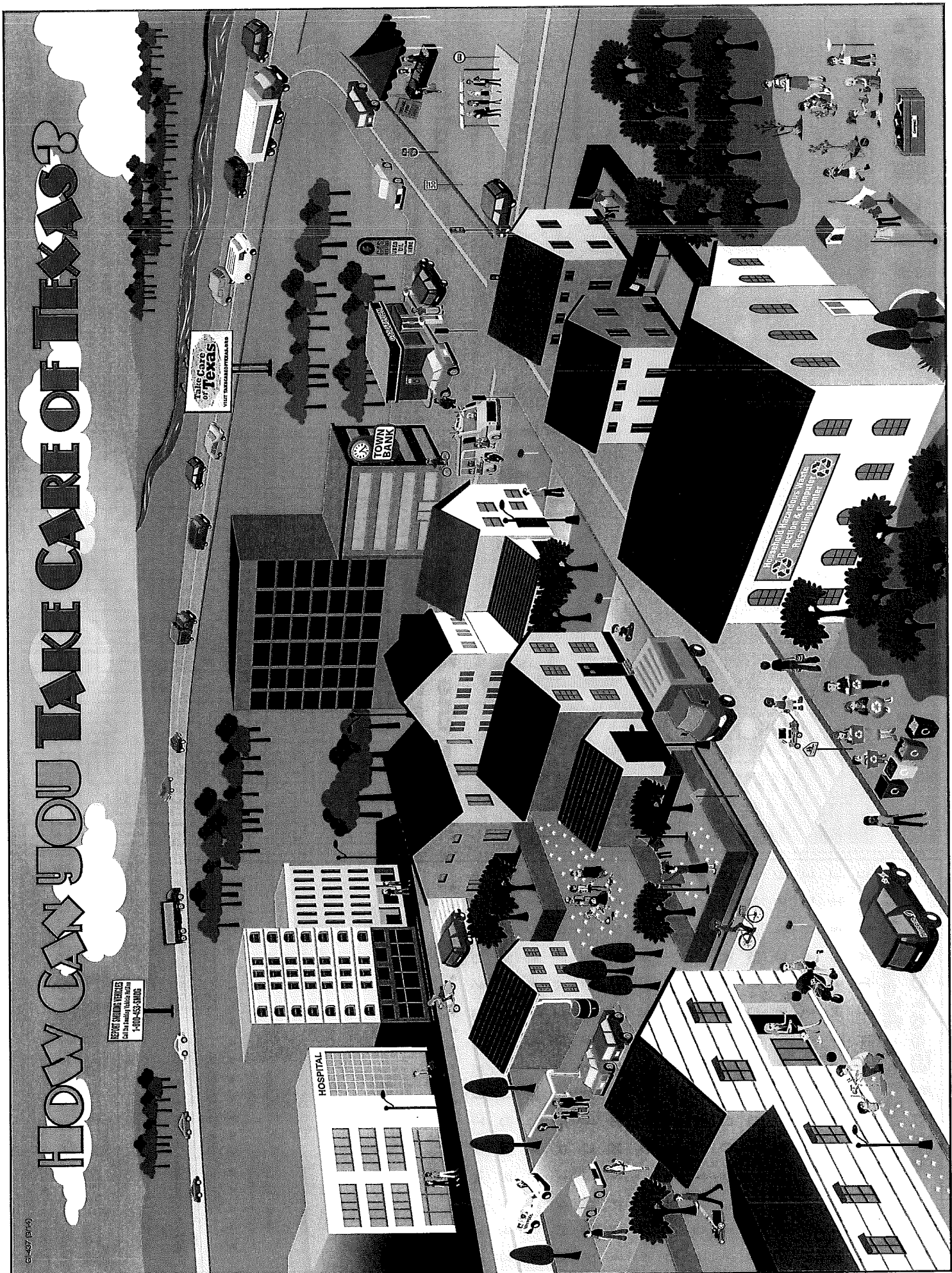
RECENT CAMPAIGN RESULTS  
See the results of the 2000  
1-800-453-3400

Take Care  
of Texas  
VISIT [WWW.TAKECAREOFTEXAS.ORG](http://WWW.TAKECAREOFTEXAS.ORG)

HOSPITAL

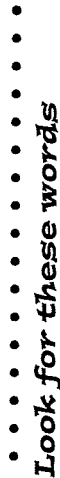
TOWN BANK

Household Hazardous Waste  
Collection & Recycling  
Center

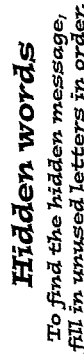


# HOW CAN YOU TAKE CARE OF TEXAS?

- U L P N U T I R E T A C K E  
L O T H E S L I N E O E T L  
O I T A T R O P S N A R T E  
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- |             |                |
|-------------|----------------|
| LEAKS       | REFUELING      |
| MATTER      | TIRE           |
| MULCH       | TRANSPORTATION |
| OIL         | UNPLUG         |
| OZONE       | USE            |
| PAINTS      | VEHICLE        |
| PARTICULATE | WALKING        |
| PLANTS      | WASTE          |
| RECYCLE     | WATER          |
| REDUCE      |                |



# Take Care OF Texas

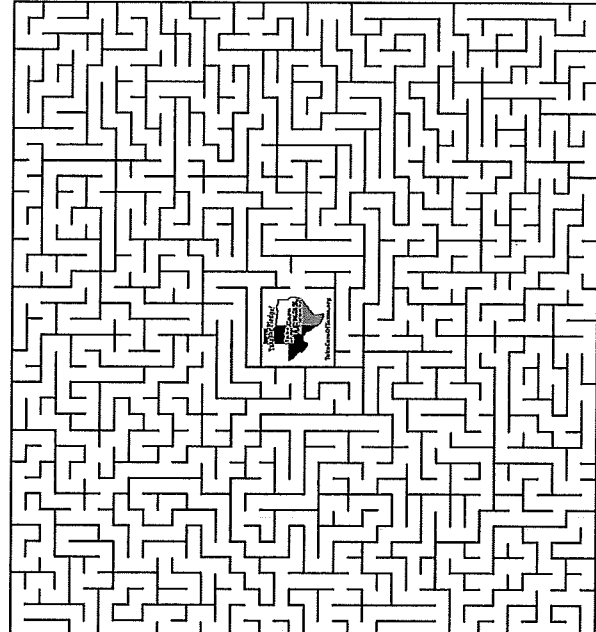
**Take Care of Texas**  
**www.TakeCareOfTexas.org**



**Texas Commission on Environmental Quality**

[illegible]

*Find your way to Texas and take the pledge.  
Take Care of Texas. It's the only one we've got.*



**Ozone** is a gas that is formed in the atmosphere when three atoms of oxygen combine. It's commonly located in the Earth's upper atmosphere and at ground level. The health effects of ground-level ozone (also known as smog) could cause respiratory problems. What can you do to help limit ground-level ozone?

- Keep your vehicle maintained, including proper tire pressure.
- Don't top off the tank when refueling your vehicle.
- Limit driving and idling: instead, car pool, combine errands, use public transportation, bike, or walk.
- Don't burn yard waste.
- Use paint and cleaning products with less or zero VOCs.
- Refuel in late afternoon or evening.
- Conserve energy.

**Particulate Matter** is a mix of small particles and liquid droplets in the air. These particles can be made up of acids, organic chemicals, metal, dust, or soil. PM differs in many ways including size and composition. Healthy people are unlikely to be affected by the low levels of particles present in outdoor air. However, some people with pre-existing health conditions (such as those with severe asthma) may wish to avoid excess exposure. Here are some ways to reduce particulate matter:

- Consider setting your thermostat a little higher in the summer and lower in winter.
- Participate in local energy conservation programs.
- Keep car, boat and other engines properly tuned, and avoid engines that smoke.
- Avoid or slow your vehicle speed on dirt and unpaved roads.
- Carpool, use public transportation, bike, or walk when possible.
- Combine errands to reduce cold starts of your car and avoid extended idling.

For additional information and other resources, visit the TCEQ's air Web page at [tceq.texas.gov/goto/air-main](http://tceq.texas.gov/goto/air-main).

# Take the Stormwater Runoff Challenge

## Across:

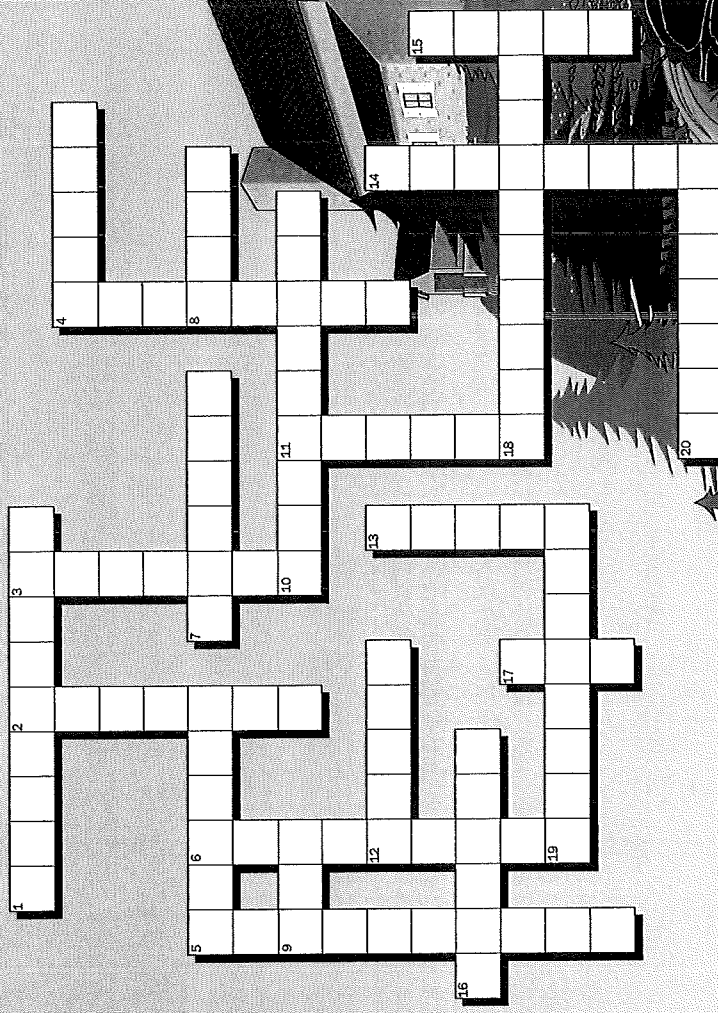
- 1) The area of land that drains into an estuary, lake, stream, or groundwater is known as a \_\_\_\_\_.
- 4) The \_\_\_\_\_ of speeding boats can erode shorelines.
- 5) Maintaining your \_\_\_\_\_ tank will help to prevent bacteria and nutrients from leaking into groundwater and surface waters.
- 7) Wetland plants act like a natural water \_\_\_\_\_ removing harmful pollutants from stormwater runoff.
- 8) Leave your grass clippings on your \_\_\_\_\_ to reduce the need for commercial fertilizers.
- 9) A single quart of motor \_\_\_\_\_ if disposed of improperly, can pollute 2 million gallons of water.
- 10) Fertilizers and animal wastes contain aquatic plants that "feed" algae and other \_\_\_\_\_ plants harmful to water quality.
- 12) Polluted runoff from both rural and \_\_\_\_\_ sources has a significant impact on water quality.
- 16) Storm \_\_\_\_\_ don't always connect to sewage treatment plants, so runoff can flow directly to rivers, lakes, and coastal waters.
- 18) Follow directions carefully when applying \_\_\_\_\_ on your lawn—more isn't always better.
- 19) Polluted runoff (also called \_\_\_\_\_ source pollution) comes from so many places that it's hard to "pinpoint" a source.
- 20) Yard and vegetable food waste are suitable additions to a \_\_\_\_\_ pile.

## Down:

- 2) Don't dump used motor oil into storm drains. \_\_\_\_\_ it!
- 3) \_\_\_\_\_ of soil from barren land can cloud nearby streams.
- 4) \_\_\_\_\_ prevent flooding, improve water quality, and provide habitat for waterfowl, fish, and wildlife.
- 5) Marking "Do Not Dump, Drains to Bay" on a \_\_\_\_\_ is one way to educate people about polluted runoff.
- 6) Excess sediment, nutrients, toxics, and pathogens are all types of runoff \_\_\_\_\_.
- 11) Polluted \_\_\_\_\_ is the nation's #1 water quality problem.
- 13) The cattail is one wetland \_\_\_\_\_ that helps purify polluted runoff.
- 14) Too much \_\_\_\_\_ in water can harm aquatic life.
- 15) Proper crop and animal management on \_\_\_\_\_ helps to control water pollution.
- 17) \_\_\_\_\_ impact development helps control stormwater pollution through conservation approaches and techniques.

## Choices:

|            |           |             |
|------------|-----------|-------------|
| compost    | nonpoint  | sediment    |
| drains     | nutrients | septic      |
| erosion    | oil       | storm drain |
| farms      | plant     | urban       |
| fertilizer | pollution | wakes       |
| filter     | recycle   | watershed   |
| lawn       | runoff    | wetlands    |
| low        |           |             |



United States  
Environmental Protection  
Agency

For more information, please visit EPA's  
Polluted Runoff web site at [www.epa.gov/nps](http://www.epa.gov/nps)

Printed with soy-based ink on recycled paper.

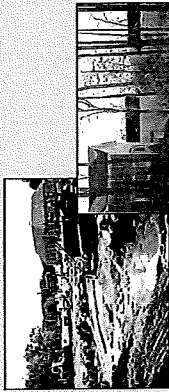


2018 Stormwater  
Brochures/Fact Sheet  
Distributed to Contractor's  
Doing Permitted Grading Work  
within the City of Schertz (To be  
Posted at Job Site)



# Stormwater and the Construction Industry

## Protect Natural Features

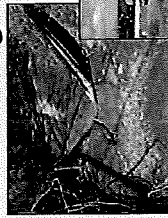


Bad

- Minimize clearing.
- Minimize the amount of exposed soil.
- Identify and protect areas where existing vegetation, such as trees, will not be disturbed by construction activity.
- Protect streams, stream buffers, wet woodlands, wetlands, or other sensitive areas from any disturbance or construction activity by fencing or otherwise clearly marking these areas.

Good

## Silt Fencing



Bad

Good

- Inspect and maintain silt fences after each rainstorm.
- Make sure the bottom of the silt fence is buried in the ground.
- Securely attach the material to the stakes.
- Don't place silt fences in the middle of a waterway or use them as a check dam.
- Make sure stormwater is not flowing around the silt fence.



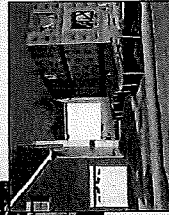
## Construction Phasing



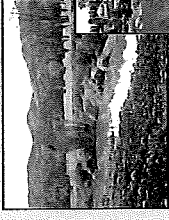
Bad

Good

- Sequence construction activities so that the soil is not exposed for long periods of time.
- Schedule or limit grading to small areas.
- Install key sediment control practices before site grading begins.
- Schedule site stabilization activities, such as landscaping, to be completed immediately after the land has been graded to its final contour.



## Vegetative Buffers



Bad

Good

- Protect and install vegetative buffers along waterbodies to slow and filter stormwater runoff.
- Maintain buffers by mowing or replanting periodically to ensure their effectiveness.



## Site Stabilization



Bad

Good

- Vegetate, mulch, or otherwise stabilize all exposed areas as soon as land alterations have been completed.



# Maintain your BMPs!

[www.epa.gov/npdes/menuefbmps](http://www.epa.gov/npdes/menuefbmps)

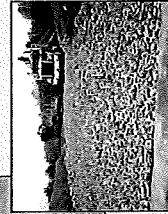
## Construction Entrances



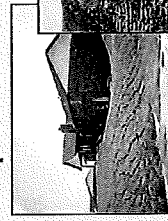
Bad

Good

- Remove mud and dirt from the tires of construction vehicles before they enter a paved roadway.
- Properly size entrance BMPs for all anticipated vehicles.
- Make sure that the construction entrance does not become buried in soil.



## Slopes



Bad

Good

- Rough grade or terrace slopes.
- Break up long slopes with sediment barriers, or under drain, or divert stormwater away from slopes.



## Dirt Stockpiles



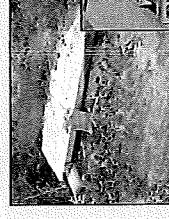
Bad

Good

- Cover or seed all dirt stockpiles.



## Storm Drain Inlet Protection



Bad

Good

- Use rock or other appropriate material to cover the storm drain inlet to filter out trash and debris.
- Make sure the rock size is appropriate (usually 1 to 2 inches in diameter).
- If you use inlet filters, maintain them regularly.



Contact name and agency  
Contact phone and email



# 2018 School Education Program



## MS4 School Presentation - Paschal Elementary

Murray, Justin <JMMurray@lan-inc.com>

Wed 2/7/2018 3:01 PM

To: Larry Busch <larry.busch@schertz.com>; Kathryn J. Woodlee <kwoodlee@schertz.com>; Fousse, Timothy <tfousse@cibolotx.gov>; Del Toro, Gloria <gdeltoro@cibolotx.gov>; Scott A. McClelland <smcclelland@schertz.com>; BLong@scuc.txed.net <BLong@scuc.txed.net>;

Thank you to Mrs. Long for helping us find some time for us to present to the 4<sup>th</sup> Grade class at Paschal. May I request that we arrive 30 minutes early to prepare for the presentation?

**Justin M. Murray, PE**

Project Manager

10101 Reunion Place, Suite 200 •

San Antonio, TX 78216-4165

**D 210.321.4357 C 210.621.7214**

[www.lan-inc.com](http://www.lan-inc.com) • [JMMurray@lan-inc.com](mailto:JMMurray@lan-inc.com)



Public Information Flyer  
Announcing two City-wide  
Cleanup Days Organized  
by the City 2018



## Annual Spring Clean Up ~ March 10 - March 25, 2018

### Drop off at Republic Services Site

Items dropped off here will be free of charge to residents as a service paid for by the City of Schertz. The Drop off site will be open March 10 – 25, 2018. (See below for hazardous items drop off times) Drop offs may be made at Republic Services temporary collection point, 125 Pecan Drive, Schertz, TX 78154 between 8 a.m. and 5 p.m. daily. **ENTRY TO THIS SITE IS ONLY AVAILABLE TO RESIDENTS DURING THIS CITY SPONSORED SPRING CLEAN UP EVENT.**

### Please Remember

Year-round, **Republic Services will pick up household waste** not covered under their normal collection service, such as lumber, major appliances, furniture, and other types of bulk waste. This may incur an additional fee (prices determined by Republic Services). If you have questions regarding the details, please call City of Schertz Utility Billing Department (210-619-1000).

**Residents are able to drop off brush and limbs at 125 Pecan Drive, free of charge, DURING THE 2 WEEK CLEAN-UP EVENT ONLY.**

### What you need to know

The Spring Clean Up is restricted to **Schertz residents only**. Spring Clean Up activities do not apply to commercial/rental property clean ups, large property clean up, lot or acreage clean up, or lot and property land clearing. Commercial tree trimmers are not eligible for this service.

**A current CITY OF SCHERTZ utility bill (showing that The City of Schertz is your current garbage collector) and proper identification are required when making a drop-off. Commercial waste will not be accepted.**

**LIMITS: Household waste and yard waste only. Maximum of 2 Pick-up truck loads per household or a maximum of 1 trailer load per household. Trailers are not to exceed 16' long x 4' high in size.**

1. Couches, Stoves, Computer/Monitors, etc. that **IS NOT HAZARDOUS OR TIRES** can be dropped off, free of charge, during the clean-up, Monday through Sunday, 8:00 am to 5:00 pm.
2. Appliances will be **ACCEPTED FREE ONLY IF** Freon tank is removed and certified by a technician. Any questions concerning the Freon tank removal, please contact Republic Services.

### Hazardous Items/Tires and Drop off Times

1. **HAZARDOUS ITEMS and TIRES** may be dropped off **ONLY** on the **weekend of March 24-25, 2018.**

2. Tires are limited to eight (8) per household.

3. Hazardous waste includes but is not limited to:

- a. Insecticides, pesticides, herbicides, fertilizers, chemicals, cleaning and bleach products, swimming pool cleaners and chemicals.

- b. Enamel and latex paints in cans and aerosol dispensers, varnish and stains, paint thinners and removers, acetone, etc. **These items will have a combined 20 gallon limit per household.**

- c. TIRES are considered hazardous.

- d. Tires on rims, or wheels, commercial vehicle tires, tractor tires, and heavy equipment tires **WILL NOT** be accepted.

- e. Hazardous waste such as used automotive and cooking oils, filters and batteries- **Oils will have a combined 20 gallon limit per household.**

- f. Empty propane tanks up to seven (7) gallons – **VALVE MUST BE ENTIRELY REMOVED.**

**Items NOT accepted at any time: Mercury, explosives, radioactive material, medical waste, freezers, compressed gas, ammunition, PCB's or dioxins, air conditioners, gunpowder, smoke detectors, business waste.**

### Questions?

For more information about the Spring Clean Up and what will and will not be accepted, please call Republic Services (210-304-2787) or Schertz Public Works (210-619-1800). You may also dial 311 within the City of Schertz.

The City of Schertz and Republic Services are not responsible for damage to vehicles or injury to citizens during this event. The City of Schertz and Republic Services reserve the right to refuse service to anyone for not following the rules of the clean-up.

# Annual Fall Clean Up ~ October 6 - October 21, 2018

## Drop off at Republic Services Site

Items dropped off here will be free of charge to residents as a service paid for by the City of Schertz. The Drop off site will be open October 6 – 21, 2018. (See below for hazardous items drop off times) Drop offs may be made at Republic Services temporary collection point, 125 Pecan Drive, Schertz, TX 78154 between 8 a.m. and 5 p.m. daily. **ENTRY TO THIS SITE IS ONLY AVAILABLE TO RESIDENTS DURING THIS CITY SPONSORED FALL CLEAN UP EVENT.**

## Please Remember

Year-round, Republic Services will pick up household waste not covered under their normal collection service, such as lumber, major appliances, furniture, and other types of bulk waste. This may incur an additional fee (prices determined by Republic Services). If you have questions regarding the details, please call City of Schertz Utility Billing Department (210-619-1000).

**Residents are able to drop off brush and limbs at 125 Pecan Drive, free of charge, DURING THE 2 WEEK CLEAN-UP EVENT ONLY.**

## What you need to know

The Fall Clean Up is restricted to **Schertz residents only**. Fall Clean Up activities do not apply to commercial/rental property clean ups, large property clean up, lot or acreage clean up, or lot and property land clearing. Commercial tree trimmers are not eligible for this service.

**A current CITY OF SCHERTZ utility bill (showing that The City of Schertz is your current garbage collector) and proper identification are required when making a drop-off. Commercial waste will not be accepted.**

**LIMITS: Household waste and yard waste only. Maximum of 2 Pick-up truck loads per household or a maximum of 1 trailer load per household. Trailers are not to exceed 16' long x 4' high in size.**

1. Couches, Stoves, Computer/Monitors, etc. that **IS NOT HAZARDOUS OR TIRES** can be dropped off, free of charge, during the clean-up, Monday through Sunday, 8:00 am to 5:00 pm.
2. Appliances will be **ACCEPTED FREE ONLY IF** Freon tank is removed and certified by a technician. Any questions concerning the Freon tank removal, please contact Republic Services.

## Hazardous Items/Tires and Drop off Times

1. **HAZARDOUS ITEMS and TIRES** may be dropped off **ONLY** on the **weekend of October 20-21, 2018.**
2. Tires are limited to eight (8) per household.
3. Hazardous waste includes but is not limited to:
  - a. Insecticides, pesticides, herbicides, fertilizers, chemicals, cleaning and bleach products, swimming pool cleaners and chemicals.
  - b. Enamel and latex paints in cans and aerosol dispensers, varnish and stains, paint thinners and removers, acetone, etc. **These items will have a combined 20 gallon limit per household.**
  - c. TIRES are considered hazardous.
  - d. Tires on rims, or wheels, commercial vehicle tires, tractor tires, and heavy equipment tires **WILL NOT** be accepted.
  - e. Hazardous waste such as used automotive and cooking oils, filters and batteries- **Oils will have a combined 20 gallon limit per household.**
  - f. Empty propane tanks up to seven (7) gallons – **VALVE MUST BE ENTIRELY REMOVED.**

**Items NOT accepted at any time: Mercury, explosives, radioactive material, medical waste, freezers, compressed gas, ammunition, PCB's or dioxins, air conditioners, gunpowder, smoke detectors, business waste.**

## Questions?

For more information about the Fall Clean Up and what will and will not be accepted, please call Republic Services (210-304-2787) or Schertz Public Works (210-619-1800). You may also dial 311 within the City of Schertz.

The City of Schertz and Republic Services are not responsible for damage to vehicles or injury to citizens during this event. The City of Schertz and Republic Services reserve the right to refuse service to anyone for not following the rules of the clean-up.

# 2018 Stormwater Complaints Logged Through Hotline



| Reference No   | Service Request Type | Status      | Assigned Staff | Contact E-Mail             | Update Date      | Create Date     |
|----------------|----------------------|-------------|----------------|----------------------------|------------------|-----------------|
| W084432-100218 | Drainage Requests    | Completed 1 | Kevin Anderson | mckaynanny@yahoo.com       | 10/24/2018 9:05  | 10/2/2018 14:11 |
| W084321-100118 | Drainage Requests    | Completed 1 | Kevin Anderson | dhampton@schertz.com       | 10/24/2018 9:06  | 10/1/2018 10:13 |
| W083749-092018 | Drainage Requests    | Completed 1 | Kevin Anderson | dhampton@schertz.com       | 10/3/2018 8:53   | 9/20/2018 9:42  |
| W083694-091918 | Drainage Requests    | Open        | Kevin Anderson | gene.ranallo@lmco.com      | 10/24/2018 9:08  | 9/19/2018 14:11 |
| W083099-091018 | Drainage Requests    | Completed 1 | Kevin Anderson |                            | 9/10/2018 9:07   | 9/10/2018 8:38  |
| W079322-072018 | Drainage Requests    | Completed 1 | Kevin Anderson | dhampton@schertz.com       | 7/20/2018 9:35   | 7/20/2018 9:33  |
| W076192-061218 | Drainage Requests    | Completed 1 | Kevin Anderson |                            | 7/20/2018 10:06  | 6/12/2018 14:36 |
| W076075-061118 | Drainage Requests    | Pending     | Kevin Anderson |                            | 10/22/2018 13:23 | 6/11/2018 14:42 |
| W073456-050918 | Drainage Requests    | Completed 1 | Kevin Anderson | dhampton@schertz.com       | 5/9/2018 16:42   | 5/9/2018 10:50  |
| W072497-042518 | Drainage Requests    | Open        | Kevin Anderson | Jensen_lana@yahoo.com      | 10/24/2018 9:11  | 4/25/2018 9:00  |
| W071797-041318 | Drainage Requests    | Completed 1 | Kevin Anderson | karen.looknanan@associa.us | 7/20/2018 9:48   | 4/13/2018 15:05 |
| W068638-022318 | Drainage Requests    | Completed 1 | Kevin Anderson | dhampton@schertz.com       | 5/10/2018 8:44   | 2/23/2018 13:29 |
| W068637-022318 | Drainage Requests    | Completed 1 | Kevin Anderson | dhampton@schertz.com       | 3/6/2018 15:52   | 2/23/2018 13:25 |
| W067430-020218 | Drainage Requests    | Completed 1 | Kevin Anderson | andydeason24@yahoo.com     | 7/20/2018 9:45   | 2/2/2018 18:00  |
| W067092-012918 | Drainage Requests    | Pending     | Kevin Anderson | dhampton@schertz.com       | 1/29/2018 15:03  | 1/29/2018 15:02 |
| W066824-012418 | Drainage Requests    | Completed 1 | Kevin Anderson | dhampton@schertz.com       | 3/6/2018 15:49   | 1/24/2018 11:31 |
| W065494-010318 | Drainage Requests    | Completed 1 | Kevin Anderson |                            | 3/6/2018 15:48   | 1/3/2018 11:52  |
| W064820-121817 | Drainage Requests    | Completed 1 | Kevin Anderson | jose.g.colon@hotmail.com   | 10/22/2018 13:22 | 12/18/2017 9:28 |



# 2018 Site Plan Reviews



| DATE       | YEAR | CASE #       | SUBDIVISION NAME                                   | NAME                                               | RES_COMM_MIX_ MF_EX | REQUEST             | PHASE                                                        |
|------------|------|--------------|----------------------------------------------------|----------------------------------------------------|---------------------|---------------------|--------------------------------------------------------------|
| 12/20/2017 | 2017 | PC2017-060   | Maske Rd & FM 1518 - Hop in Fuel Station           | Maske Rd & FM 1518 - Hop in Fuel Station           | COMM                | Site Plan           |                                                              |
| 1/12/2018  | 2018 | PC2018-001   | Autumn Winds Subdivision                           | Autumn Winds Subdivision                           | COMM                | Site Plan           | Lot 1                                                        |
| 2/2/2018   | 2018 | PC2018-006   | Texas Shine Subdivision                            | Texas Shine Subdivision                            | COMM                | Site Plan           | Lot 1, Blk 1<br>Units 14-A,<br>16, Block<br>11, Lots 2,<br>3 |
| 2/6/2018   | 2018 | PC2018-008   | Verde Enterprise Business Park                     | Verde Enterprise Business Park                     | COMM                | Site Plan           |                                                              |
| 2/7/2018   | 2018 | PC2016-058B  | Mobile Villa Estates                               | Brake Check                                        | Comm                | Site Plan Amendment |                                                              |
| 2/20/2018  | 2018 | PC2017-011A  | Verde Enterprise Business Park                     | Verde Enterprise Business Park                     | COMM                | Amending Site Plan  | Unit 10B,<br>Lot 4 Block<br>12                               |
| 2/22/2018  | 2018 | PC2018-009   | Benevest Subdivision                               | Benevest Subdivision                               | COMM                | Site Plan           | Lot 3, Block<br>2                                            |
| 3/2/2018   | 2018 | PC2018-012   | Verde Enterprise Business Park                     | Verde Enterprise Business Park Unit 12A            | COMM                | Site Plan           | Lot 7, Block<br>10                                           |
| 3/8/2018   | 2018 | PC2018-013   | Schertz Retail Center Subdivision                  | Schertz Retail Center Subdivision                  | COMM                | Site Plan           | Lot 3, Block<br>1                                            |
| 3/12/2018  | 2018 | PC2016-051-B | Homestead Unit 1A                                  | Homestead Unit 1A                                  | Comm                | Amending Site Plan  | Unit 1A, Lot<br>901, Blk 3                                   |
| 3/14/2018  | 2018 | PC2018-015   | Verde Enterprise Business Park Unit 12A            | Verde Enterprise Business Park Unit 12A            | COMM                | Site Plan           | Lot 8, Block<br>10                                           |
| 4/23/2018  | 2018 | PC2018-019   | Wiederstein Ranch                                  | Wiederstein Ranch                                  | COMM                | Site Plan           | Lot 1, Block<br>1                                            |
| 5/1/2018   | 2018 | PC2017-049A  | Intercoastal Contractors                           | Intercoastal Contractors / Casa Mechanical         | Comm                | Amending Site Plan  | Lot 3                                                        |
| 5/7/2018   | 2018 | PC2018-023   | Fresenius Medical Care                             | Fresenius Medical Care                             | COMM                | Site Plan           | Lot 1, Block<br>1                                            |
| 5/29/2018  | 2018 | PC2018-026   | Tri-County Business & Industrial Park              | 7-Eleven                                           | COMM                | Site Plan           | Unit 1A, Lot<br>6 Block 2                                    |
| 6/19/2018  | 2018 | PC2018-029   | Schertz 3009 Subdivision II                        | Schertz 3009 Subdivision II                        | COMM                | Site Plan           | Lot 3, Block<br>1                                            |
| 8/20/2018  | 2018 | PC2017-055A  | Schertz Retail Center                              | Schertz Retail Center                              | COMM                | Amending Site Plan  | Lot 2, Block<br>1                                            |
| 8/21/2018  | 2018 | PC2016-042A  | Southeastern Freightlines // Tri County Developmen | Southeastern Freightlines // Tri County Developmen | COMM                | Amending Site Plan  | Lot 18,<br>Block 1                                           |
| 9/26/2018  | 2018 | PC2017-038A  | Casa Verde Farms Subdivision                       | Casa Verde Farms Subdivision                       | COMM                | Amending Site Plan  | Lot 1                                                        |
| 11/15/2018 | 2018 | PC2018-056   | Convenience Store SEC of 3009 and Rippes-Kreusler  | QuikTrip                                           | COMM                | Site Plan           |                                                              |
| 11/16/2018 | 2018 | PC2018-058   | Benevest Subdivision                               | Benevest Subdivision                               | COMM                | Site Plan           | Lots 4& 5<br>(Lot 11),<br>Block 2                            |

|           |      |             |                                   |                                       |      |                    |                |
|-----------|------|-------------|-----------------------------------|---------------------------------------|------|--------------------|----------------|
| 12/4/2018 | 2018 | PC2017-039A | Enterprise Industrial Park        | Enterprise Industrial Park Building V | COMM | Amending Site Plan | Lot 9, Block 1 |
| 12/4/2018 | 2018 | PC2018-061  | Verde Enterprise Business Park U2 | Verde Enterprise Business Park U2     | COMM | Site Plan          | Lot 2, Blk 9   |
| 12/5/2018 | 2018 | PC2018-062  | Blackburn Elbel Subdivision       | Blackburn Elbel Subdivision           | COMM | Site Plan          | Lot 9, Block 3 |

# 2018 Grading Permit Including SWPPP Reviews



PROJECT: 173892 - GRADING/CLEARING PERMIT TYPE: ENG-01 GRADING/CLEARING

PROPERTY: HUBERTUS ROAD

APPLIED DATE: 12/14/2017 ISSUED DATE: 12/14/2017 EXPIRATION DATE: 12/13/2018 COMPLETION DATE: 2/08/2019

CONTRACTOR: GCBARTLET BARTLETT COCKE GENERAL CONTRAC ISSUED TO: COMAL ISD

8706 LOCKWAY 1404 IH 35 NORTH

SAN ANTONIO, TX 78217 NEW BRAUNFELS, TX 78217

SQUARE FEET: 0

DWELLING TYPE: PRIVATE UNITS: 0

STATUS: COMPLETE BALANCE: 0.00

NOTES: THIS PERMIT REPLACES C&G 162816 THERE WAS AN ISSUE WITH INCODE, AND FINANCE IS WORKING ON THE ISSUE.

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT CLASS:

CONTRACTOR:

ISSUED DATE: 12/14/2017 EXPIRATION DATE: 12/12/2018

STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE STATUS

GRAD FINAL GRADING/CLEARING FINAL APPROVED/PASSED

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT CLASS:

CONTRACTOR:

ISSUED DATE: 12/14/2017 EXPIRATION DATE: 12/12/2018

STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT APPROVED/PASSED

SEGMENT: GRADING - GRADING/CLEARING CLASS:

CONTRACTOR:

ISSUED DATE: 12/14/2017 EXPIRATION DATE: 12/12/2018

STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE STATUS

GRAD FINAL GRADING/CLEARING FINAL APPROVED/PASSED

PROJECT: 180025 - GRADING/CLEARING PERMIT  
PROPERTY: 5915 CORRIDOR PKWY  
APPLIED DATE: 1/04/2018 ISSUED DATE: 1/04/2018 EXPIRATION DATE: 7/04/2018 COMPLETION DATE: 10/03/2018  
CONTRACTOR: GCMKCON MKM MCONSTRUCTION LTD  
7150 WHIPPOORWILL LN MSTE #1  
SAN ANTONIO, TX 78263  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE UNITS: 0  
STATUS: COMPLETE BALANCE: 0.00

TYPE: ENG-01 GRADING/CLEARING  
ISSUED TO: AER MANUFACTURING, INC  
5915 CORRIDOR PKWY  
SCHERTZ, TX 78263

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 1/04/2018 EXPIRATION DATE: 7/03/2018 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
| STATUS                            |              |

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 1/04/2018 EXPIRATION DATE: 7/03/2018 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
| STATUS                              |              |

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 1/04/2018 EXPIRATION DATE: 7/03/2018 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
| STATUS                              |              |

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 1/04/2018 EXPIRATION DATE: 7/03/2018 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
| STATUS                            |              |

```

PROJECTS:                THRU ZZZZZZZZZZ
PROJECT TYPE: Include: ENG-01
CONTRACTORS: All
APPLIED DATES: 0/00/0000 THRU 99/99/9999
STATUS INCLUDED: All
REPORT SEQUENCE: Project
CONTRACTOR CLASS: All
EXPIRE DATES: 0/00/0000 THRU 99/99/9999
ISSUED DATES: 12/13/2017 THRU 12/12/2018

```

|                 |                           |                              |           |                  |                 |
|-----------------|---------------------------|------------------------------|-----------|------------------|-----------------|
| PROJECT: 180071 | - GRADING/CLEARING PERMIT |                              |           |                  |                 |
| PROPERTY:       | 18115 IH 35 N             |                              |           |                  |                 |
| APPLIED DATE:   | 1/08/2018                 | ISSUED DATE:                 | 1/08/2018 | EXPIRATION DATE: | 1/08/2019       |
| CONTRACTOR:     | GC4ECON                   | 4E CONSTRUCTION SERVICES LLC |           | ISSUED TO:       | MAS DEVELOPMENT |
|                 | 3601 KYLE CROSSING STE #A |                              |           |                  | 8326 W HWY 21   |
|                 | KYLE, TX 78640            |                              |           |                  | BRYAN, TX 77807 |
| SQUARE FEET:    | 0                         | UNITS:                       | 0         |                  |                 |
| DWELLING TYPE:  | PRIVATE                   | BALANCE:                     |           |                  |                 |
| STATUS:         | OPEN                      |                              |           |                  | 0.00            |

|                         |            |                             |           |        |  |
|-------------------------|------------|-----------------------------|-----------|--------|--|
| SEGMENT: GR FINAL       |            | - GRADE/CLEAR FINAL INSPECT |           | CLASS: |  |
| CONTRACTOR:             |            |                             |           |        |  |
| ISSUED DATE:            | 1/08/2018  | EXPIRATION DATE:            | 1/07/2019 |        |  |
| STATUS: APPROVED/PASSED | VALUATION: | 0.00                        | BALANCE:  | 0.00   |  |

| PHASE                             | STATUS          |
|-----------------------------------|-----------------|
| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED |

|                                                |                 |                            |
|------------------------------------------------|-----------------|----------------------------|
| SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT |                 | CLASS:                     |
| CONTRACTOR:                                    |                 |                            |
| ISSUED DATE:                                   | 1/08/2018       | EXPIRATION DATE: 1/07/2019 |
| STATUS: APPROVED/PASSED                        | VALUATION: 0.00 | BALANCE: 0.00              |

| PHASE                               | STATUS          |
|-------------------------------------|-----------------|
| GRADE OPEN GRADE/CLEAR OPEN INSPECT | APPROVED/PASSED |

|                                                 |           |
|-------------------------------------------------|-----------|
| SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC |           |
| CONTRACTOR:                                     |           |
| ISSUED DATE:                                    | 1/08/2018 |
| EXPIRATION DATE:                                | 1/07/2019 |
| STATUS: APPROVED/PASSED                         |           |
| VALUATION:                                      | 0.00      |
| BALANCE:                                        | 0.00      |
| CLASS:                                          |           |

| PHASE                               | STATUS          |
|-------------------------------------|-----------------|
| GRADE OPEN GRADE/CLEAR OPEN INSPECT | APPROVED/PASSED |

|                  |         |                    |                  |           |          |
|------------------|---------|--------------------|------------------|-----------|----------|
| SEGMENT: GRADING |         | - GRADING/CLEARING |                  | CLASS:    |          |
| CONTRACTOR:      |         | 1/08/2018          | EXPIRATION DATE: | 7/07/2018 |          |
| ISSUED DATE:     | STATUS: | APPROVED/PASSED    | VALUATION:       | 0.00      | BALANCE: |
|                  |         |                    |                  | 0.00      |          |

| PHASE                             | STATUS          |
|-----------------------------------|-----------------|
| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED |

PROJECT: 180082 - GRADING/CLEARING PERMIT TYPE: ENG-01 GRADING/CLEARING  
PROPERTY: FM 1518  
APPLIED DATE: 1/09/2018 ISSUED DATE: 2/23/2018 EXPIRATION DATE: 8/23/2018 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCCAPITAL CAPITAL EXCAVATION COMPANY ISSUED TO: PRICE COMPANIES  
2967 BUSINESS PARK DR 314 E. COMMERCE ST. #600  
BUDA, TX 78610 SAN ANTONIO, TX 78205  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE UNITS: 0  
STATUS: VOID BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT CLASS:  
CONTRACTOR:  
ISSUED DATE: 2/23/2018 EXPIRATION DATE: 8/23/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE STATUS  
===== No Incidents  
GRAD FINAL GRADING/CLEARING FINAL

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT CLASS:  
CONTRACTOR:  
ISSUED DATE: 2/23/2018 EXPIRATION DATE: 8/23/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE STATUS  
===== No Incidents  
GRADE OPEN GRADE/CLEAR OPEN INSPECT

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC CLASS:  
CONTRACTOR:  
ISSUED DATE: 2/23/2018 EXPIRATION DATE: 8/23/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE STATUS  
===== No Incidents  
GRADE OPEN GRADE/CLEAR OPEN INSPECT

SEGMENT: GRADING - GRADING/CLEARING CLASS:  
CONTRACTOR:  
ISSUED DATE: 2/23/2018 EXPIRATION DATE: 8/23/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE STATUS  
===== No Incidents  
GRAD FINAL GRADING/CLEARING FINAL

PROJECT: 180420 - GRADING/CLEARING PERMIT  
PROPERTY: 8533 E. FM 1518 N.  
APPLIED DATE: 2/13/2018 ISSUED DATE: 2/13/2018 EXPIRATION DATE: 2/16/2019 COMPLETION DATE: 2/08/2019  
CONTRACTOR: GCBOUMA BOUMA CONSTRUCTION INC  
4101 ROGER B CHAFFEE BLVD SE  
GRAND RAPIDS, MI 49548  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE UNITS: 0  
STATUS: COMPLETE BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 2/13/2018 EXPIRATION DATE: 2/12/2019 CLASS:  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED |
|-----------------------------------|-----------------|
| STATUS                            |                 |

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 2/13/2018 EXPIRATION DATE: 2/12/2019 CLASS:  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | APPROVED/PASSED |
|-------------------------------------|-----------------|
| STATUS                              |                 |

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 2/13/2018 EXPIRATION DATE: 2/12/2019 CLASS:  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED |
|-----------------------------------|-----------------|
| STATUS                            |                 |

PROJECT: 180683 - GRADING/CLEARING PERMIT  
PROPERTY: 425 FM 3009  
APPLIED DATE: 3/08/2018 ISSUED DATE: 3/08/2018 EXPIRATION DATE: 9/07/2018 COMPLETION DATE: 6/06/2018  
CONTRACTOR: GCJ3CO J3 COMPANY LLC  
6600 HWY 27  
CONFORT, TX 78013  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: COMPLETE

UNITS: 0  
BALANCE: 0.00  
TYPE: ENG-01 GRADING/CLEARING  
ISSUED TO: CITY OF SCHERTZ  
1400 SCHERTZ PKWY  
SCHERTZ, TX 78154

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 3/08/2018 EXPIRATION DATE: 9/04/2018  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00  
CLASS:

PHASE  
=====

GRAD FINAL GRADING/CLEARING FINAL APPROVED/PASSED  
STATUS

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 3/08/2018 EXPIRATION DATE: 9/04/2018  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00  
CLASS:

PHASE  
=====

GRADE OPEN GRADE/CLEAR OPEN INSPECT APPROVED/PASSED  
STATUS

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 3/08/2018 EXPIRATION DATE: 9/04/2018  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00  
CLASS:

PHASE  
=====

GRAD FINAL GRADING/CLEARING FINAL APPROVED/PASSED  
STATUS

PROJECTS: THRU ZZZZZZZZZZ  
PROJECT TYPE: Include: ENG-01  
CONTRACTORS: All  
APPLIED DATES: 0/00/0000 THRU 99/99/9999  
STATUS INCLUDED: All

CONTRACTOR CLASS: All  
EXPIRE DATES: 0/00/0000 THRU 99/99/9999  
ISSUED DATES: 12/13/2017 THRU 12/12/2018

REPORT SEQUENCE: Project  
- All Contractor Classes

GRADING/CLEARING PERMIT  
PROPERTY: WEIDERSTEIN  
APPLIED DATE: 3/26/2018 ISSUED DATE: 3/26/2018 EXPIRATION DATE: 3/25/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCDNTCONST DNT CONSTRUCTION LLC  
18952 REDLAND RD STE #2  
SAN ANTONIO, TX 78259

SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN

UNITS: 0  
BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 3/26/2018 EXPIRATION DATE: 3/22/2019  
STATUS: Not Started VALUATION: 0.00

CLASS: 0.00  
BALANCE: 0.00

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

STATUS

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 3/26/2018 EXPIRATION DATE: 3/22/2019  
STATUS: Not Started VALUATION: 0.00

CLASS: 0.00  
BALANCE: 0.00

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

STATUS

PROJECT: 180998 - GRADING/CLEARING PERMIT  
PROPERTY: 8705 GREAVES LANE  
APPLIED DATE: 4/04/2018 ISSUED DATE: 4/04/2018 EXPIRATION DATE: 10/05/2018 COMPLETION DATE: 2/08/2019  
CONTRACTOR: GCSHAN SHANNON MONK INC  
PO BOX 1049  
HELOTES, TX 78023

SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: COMPLETE  
UNITS: 0  
BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 4/04/2018 EXPIRATION DATE: 10/01/2018 CLASS:  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED |
|-----------------------------------|-----------------|
| STATUS                            |                 |

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 4/04/2018 EXPIRATION DATE: 10/01/2018 CLASS:  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | APPROVED/PASSED |
|-------------------------------------|-----------------|
| STATUS                              |                 |

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 4/04/2018 EXPIRATION DATE: 10/01/2018 CLASS:  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED |
|-----------------------------------|-----------------|
| STATUS                            |                 |

PROJECT: 181223  
PROPERTY: 6709 GUADA COMA DR  
APPLIED DATE: 4/23/2018 ISSUED DATE: 4/23/2018 EXPIRATION DATE: 10/24/2018 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCMARKSME MARKSMEN GENERAL CONTRACTORS ISSUED TO: ALEXANDER MICHAEL PROPERTIES  
10609 IH 10 W STE #200  
SAN ANTONIO, TX 78230  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: VOID

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR: CLASS:  
ISSUED DATE: 4/23/2018 EXPIRATION DATE: 10/20/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                   |              |
|-----------------------------------|--------------|
| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR: CLASS:  
ISSUED DATE: 4/23/2018 EXPIRATION DATE: 10/20/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                     |              |
|-------------------------------------|--------------|
| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR: CLASS:  
ISSUED DATE: 4/23/2018 EXPIRATION DATE: 10/20/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                     |              |
|-------------------------------------|--------------|
| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR: CLASS:  
ISSUED DATE: 4/23/2018 EXPIRATION DATE: 10/20/2018  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                   |              |
|-----------------------------------|--------------|
| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|

PROJECT: 181281 - GRADING/CLEARING PERMIT  
PROPERTY: IH 35  
APPLIED DATE: 4/27/2018 ISSUED DATE: 5/01/2018 EXPIRATION DATE: 5/01/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCAXIOM AXIOM DR CONSTRUCTION LLC ISSUED TO: SAN ANTONIO ONE LIMITED PART.  
1219 WUNSCH LOOP 2111 WOODWARD AVE. #910  
SPRING, TX 77373 SCHERTZ, TX 78259

SQUARE FEET: 0 UNITS: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 4/27/2018 EXPIRATION DATE: 4/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 4/27/2018 EXPIRATION DATE: 4/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 4/27/2018 EXPIRATION DATE: 4/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 5/01/2018 EXPIRATION DATE: 5/01/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

PROJECT: 181282 - GRADING/CLEARING PERMIT  
PROPERTY: IH 35  
APPLIED DATE: 4/27/2018 ISSUED DATE: 5/01/2018 EXPIRATION DATE: 5/01/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCAXIOM AXIOM DR CONSTRUCTION LLC  
1219 WUNSCH LOOP  
SPRING, TX 77373  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN

UNITS: 0  
BALANCE: 0.00  
SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 4/27/2018 EXPIRATION DATE: 4/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE  
STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 4/27/2018 EXPIRATION DATE: 4/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE  
STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 4/27/2018 EXPIRATION DATE: 4/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE  
STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 5/01/2018 EXPIRATION DATE: 5/01/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00  
PHASE  
STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

PROJECT: 181521 - GRADING/CLEARING PERMIT  
PROPERTY: 22525 S IH35  
APPLIED DATE: 5/28/2018 ISSUED DATE: 5/28/2018 EXPIRATION DATE: 5/28/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCHUFF HUFFMAN BUILDERS OF CENTRAL TE  
13625 RONALD REAGAN BLVD  
CEDAR PARK, TX 78613  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN UNITS: 0  
BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 5/28/2018 EXPIRATION DATE: 5/28/2019  
STATUS: Not Started VALUATION: 0.00  
CLASS:  
BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
| STATUS                            |              |

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 5/28/2018 EXPIRATION DATE: 5/28/2019  
STATUS: Not Started VALUATION: 0.00  
CLASS:  
BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
| STATUS                              |              |

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 5/28/2018 EXPIRATION DATE: 5/28/2019  
STATUS: Not Started VALUATION: 0.00  
CLASS:  
BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
| STATUS                              |              |

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 5/28/2018 EXPIRATION DATE: 5/28/2019  
STATUS: Not Started VALUATION: 0.00  
CLASS:  
BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
| STATUS                            |              |

PROJECTS: THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

CONTRACTOR CLASS: All

REPORT SEQUENCE: Project

- All Contractor Classes

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 181697

- GRADING/CLEARING PERMIT

PROPERTY: 17750 LOOKOUT RD BLDGS 1 & 2

APPLIED DATE: 5/17/2018

ISSUED DATE: 5/17/2018

CONTRACTOR: GCRPAGECO RC PAGE CONSTRUCTION LLC

1100 NE LOOP 410 STE #610

SAN ANTONIO, TX 78209

SQUARE FEET: 0

DWELLING TYPE: PRIVATE

STATUS: OPEN

UNITS: 0

BALANCE: 0.00

TYPE: ENG-01

GRADING/CLEARING

EXPIRATION DATE: 5/16/2019

COMPLETION DATE: 0/00/0000

ISSUED TO: EASTGROUP

4220 WORLD HOUSTON PKWY STE 17

HOUSTON, TX 77032

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 5/17/2018

EXPIRATION DATE: 5/13/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 5/17/2018

EXPIRATION DATE: 5/13/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC

CONTRACTOR:

ISSUED DATE: 5/17/2018

EXPIRATION DATE: 5/13/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 5/17/2018

EXPIRATION DATE: 5/13/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

PROJECT: 181708 - GRADING/CLEARING PERMIT  
PROPERTY: 6018 FM 3009 DOM  
APPLIED DATE: 5/17/2018 ISSUED DATE: 5/17/2018 EXPIRATION DATE: 5/16/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCSTALWA STALWART CONTRACTING  
1927 SABLE LN  
SAN ANTONIO, TX 78217  
ISSUED TO: O'DONNELL, CHARLES/SHIRLEY  
13578 N IH 35  
LIVE OAK, TX 78233

SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN  
UNITS: 0  
BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 5/17/2018 EXPIRATION DATE: 5/13/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 5/17/2018 EXPIRATION DATE: 5/13/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 5/17/2018 EXPIRATION DATE: 5/13/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 5/17/2018 EXPIRATION DATE: 5/13/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

CONTRACTOR CLASS: All

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 181903

- GRADING/CLEARING PERMIT

PROPERTY: FM 482 & MARI GOLD

APPLIED DATE: 5/25/2018

ISSUED DATE: 5/25/2018

CONTRACTOR: GCGARNEY GARNEY CONSTRUCTION

1333 NW VIVIEN RD

KANSAS CITY, MO 64118

SQUARE FEET: 0

DWELLING TYPE: PRIVATE

STATUS: OPEN

TYPE: ENG-01

GRADING/CLEARING

EXPIRATION DATE: 5/25/2018

ISSUED TO: WEIR LABATT

40 NE LOOP 410, STE 343

SAN ANTONIO, TX 78216

COMPLETION DATE: 0/00/0000

UNITS: 0

BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 5/25/2018

EXPIRATION DATE: 5/21/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 5/25/2018

EXPIRATION DATE: 5/21/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC

CONTRACTOR:

ISSUED DATE: 5/25/2018

EXPIRATION DATE: 5/21/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 5/25/2018

EXPIRATION DATE: 5/21/2019

STATUS: Not Started

VALUATION: 0.00

CLASS:

BALANCE: 0.00

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

PROJECT: 182035 - GRADING/CLEARING PERMIT  
PROPERTY: 6709 GUADA COMA  
APPLIED DATE: 5/31/2018 ISSUED DATE: 5/31/2018 EXPIRATION DATE: 5/30/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCMARKSME MARKSMEN GENERAL CONTRACTORS ISSUED TO: ALEXANDER MICHAEL PROPERTIES  
10609 IH 10 W STE #200 6709 GUADA COMA DR  
SAN ANTONIO, TX 78230 SCHERTZ, TX 78154

SQUARE FEET: 0  
DWELLING TYPE: PRIVATE UNITS: 0  
STATUS: OPEN BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR: CLASS:  
ISSUED DATE: 5/31/2018 EXPIRATION DATE: 5/30/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR: CLASS:  
ISSUED DATE: 5/31/2018 EXPIRATION DATE: 5/30/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR: CLASS:  
ISSUED DATE: 5/31/2018 EXPIRATION DATE: 5/30/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR: CLASS:  
ISSUED DATE: 5/31/2018 EXPIRATION DATE: 5/30/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
===== STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

PROJECTS: THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

CONTRACTOR CLASS: All

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 182402

PROPERTY: 7770 FM 482

APPLIED DATE: 6/18/2018

ISSUED DATE: 6/18/2018

CONTRACTOR: GCDRASHCON DRASH CONTRACTING COMPANY LLC

1045 CENTRAL PKWY N STE #101

SAN ANTONIO, TX 78232

SQUARE FEET: 0

DWELLING TYPE: PRIVATE

STATUS: OPEN

UNITS: 0

BALANCE: 0.00

TYPE: ENG-01

GRADING/CLEARING

EXPIRATION DATE: 6/13/2019

COMPLETION DATE: 0/00/0000

ISSUED TO: CASA MECHANICAL SERVICES

24010 E. OLD SETTLERS BLVD

ROUND ROCK, TX 78665

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 6/18/2018

EXPIRATION DATE: 6/13/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 6/18/2018

EXPIRATION DATE: 6/13/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC

CONTRACTOR:

ISSUED DATE: 6/18/2018

EXPIRATION DATE: 6/13/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 6/12/2018

EXPIRATION DATE: 6/13/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

PROJECTS: THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

CONTRACTOR CLASS: All

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 182404

PROPERTY: 7816 FM 482

APPLIED DATE: 10/02/2018

ISSUED DATE: 10/02/2018

EXPIRATION DATE: 4/02/2019

COMPLETION DATE: 0/00/0000

CONTRACTOR: GCDRASHCON DRASH CONTRACTING COMPANY LLC

ISSUED TO: HUDSON, JOE

24649 FM 3009

SAN ANTONIO, TX 78232

SCHERTZ, TX 00000

SQUARE FEET: 0

DWELLING TYPE: PRIVATE

STATUS: OPEN

UNITS: 0

BALANCE: 0.00

TYPE: ENG-01

GRADING/CLEARING

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 10/02/2018

EXPIRATION DATE: 4/02/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 10/02/2018

EXPIRATION DATE: 4/02/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC

CONTRACTOR:

ISSUED DATE: 10/02/2018

EXPIRATION DATE: 4/02/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 10/02/2018

EXPIRATION DATE: 4/02/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 250.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

PROJECT: 182643 - GRADING/CLEARING PERMIT  
PROPERTY: IH 35  
APPLIED DATE: 6/14/2018 ISSUED DATE: 6/29/2018 EXPIRATION DATE: 6/22/2019 COMPLETION DATE: 2/08/2019  
CONTRACTOR: GCDNTCONST DNT CONSTRUCTION LLC ISSUED TO: DNT CONSTRUCTION  
18952 REDLAND RD STE #2 18952 REDLAND RD #2  
SAN ANTONIO, TX 78259 SAN ANTONIO, TX 78259

SQUARE FEET: 0  
DWELLING TYPE: PRIVATE UNITS: 0  
STATUS: COMPLETE BALANCE: 0.00

NOTES: THIS IS FOR GEOTECHNICAL BORING WORK ONLY

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR: CLASS:  
ISSUED DATE: 6/29/2018 EXPIRATION DATE: 6/27/2019  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
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| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED | STATUS |
|-----------------------------------|-----------------|--------|
|                                   |                 |        |

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR: CLASS:  
ISSUED DATE: 6/29/2018 EXPIRATION DATE: 6/27/2019  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | APPROVED/PASSED | STATUS |
|-------------------------------------|-----------------|--------|
|                                     |                 |        |

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR: CLASS:  
ISSUED DATE: 6/29/2018 EXPIRATION DATE: 6/27/2019  
STATUS: APPROVED/PASSED VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | APPROVED/PASSED | STATUS |
|-----------------------------------|-----------------|--------|
|                                   |                 |        |

CONDITIONS: THIS IS FOR GEOTECHNICAL BORING WORK ONLY

PROJECT: 182921 - GRADING/CLEARING PERMIT  
PROPERTY: LOWER SEGUIN RD  
APPLIED DATE: 7/24/2018 ISSUED DATE: 7/24/2018 EXPIRATION DATE: 7/24/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCDNTCONST DNT CONSTRUCTION LLC  
18952 REDLAND RD STE #2  
SAN ANTONIO, TX 78259  
ISSUED TO: FULTE HOMES OF TEXAS, LP  
1718 DRY CREEK WAY ST.  
SAN ANTONIO, TX 78232

SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN  
UNITS: 0  
BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 7/24/2018 EXPIRATION DATE: 7/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                   |              |
|-----------------------------------|--------------|
| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 7/24/2018 EXPIRATION DATE: 7/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                     |              |
|-------------------------------------|--------------|
| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 7/24/2018 EXPIRATION DATE: 7/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                     |              |
|-------------------------------------|--------------|
| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 7/24/2018 EXPIRATION DATE: 7/24/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

|                                   |              |
|-----------------------------------|--------------|
| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|

PROJECT: 183233 - GRADING/CLEARING PERMIT  
PROPERTY: 5334 FM 1103  
APPLIED DATE: 7/23/2018 ISSUED DATE: 7/23/2018 EXPIRATION DATE: 7/23/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCSUNTECH SUNTECH BUILDING SYSTEMS INC  
11326 PERRY RD  
HOUSTON, TX 77064  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN UNITS: 0  
BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 7/23/2018 EXPIRATION DATE: 7/23/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
| STATUS                            |              |

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 7/23/2018 EXPIRATION DATE: 7/23/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
| STATUS                              |              |

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 7/23/2018 EXPIRATION DATE: 7/23/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
| STATUS                              |              |

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 7/23/2018 EXPIRATION DATE: 7/23/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
| STATUS                            |              |

PROJECT: 183402 - GRADING/CLEARING PERMIT  
PROPERTY: 9998 DOERR LN  
APPLIED DATE: 7/31/2018 ISSUED DATE: 7/31/2018 EXPIRATION DATE: 1/31/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCD&D CONTR D&D CONTRACTORS INC  
1463 BOLTON RD  
MARION, TX 78124  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN

UNITS: 0  
BALANCE: 0.00  
TYPE: ENG-01 GRADING/CLEARING  
ISSUED TO: ROYAL MANUFACTURING/WRIGHT OIL  
9998 DOERR LN  
SCHERTZ, TX 78154  
CLASS:  
BALANCE: 0.00

STATUS: Not Started  
VALUATION: 0.00  
PHASE  
STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 7/31/2018 EXPIRATION DATE: 1/27/2019  
STATUS: Not Started  
VALUATION: 0.00  
CLASS:  
BALANCE: 0.00

PHASE  
STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 7/31/2018 EXPIRATION DATE: 1/27/2019  
STATUS: Not Started  
VALUATION: 0.00  
CLASS:  
BALANCE: 0.00

PHASE  
STATUS  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 7/31/2018 EXPIRATION DATE: 1/27/2019  
STATUS: Not Started  
VALUATION: 0.00  
CLASS:  
BALANCE: 0.00

PHASE  
STATUS  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

PROJECT: 183789 - GRADING/CLEARING PERMIT  
PROPERTY: IH 35N  
APPLIED DATE: 8/21/2018 ISSUED DATE: 8/21/2018 EXPIRATION DATE: 8/18/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCDNTCONST DNT CONSTRUCTION LLC  
18952 REDLAND RD STE #2  
SAN ANTONIO, TX 78259  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE UNITS: 0  
STATUS: OPEN BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 8/21/2018 EXPIRATION DATE: 8/17/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

GRAD FINAL GRADING/CLEARING FINAL No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 8/21/2018 EXPIRATION DATE: 8/17/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 8/21/2018 EXPIRATION DATE: 8/17/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 8/21/2018 EXPIRATION DATE: 8/17/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

GRAD FINAL GRADING/CLEARING FINAL No Incidents

PROJECT: 183860  
PROPERTY: 11917 LOWER SEGUIN ROAD  
APPLIED DATE: 8/24/2018  
CONTRACTOR: GCTHOSBYR THOS S BYRNE LTD  
14220 NORTHBROOK DR STE #400  
SAN ANTONIO, TX 78232  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN

TYPE: ENG-01 GRADING/CLEARING  
EXPIRATION DATE: 9/11/2018  
ISSUED TO: CITY OF SCHERTZ  
1400 SCHERTZ PKWY  
SCHERTZ, TX 78154  
COMPLETION DATE: 0/00/0000

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 9/11/2018  
STATUS: Not Started  
VALUATION: 0.00  
EXPIRATION DATE: 3/11/2019  
BALANCE: 0.00  
CLASS:

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents  
STATUS  
SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 9/11/2018  
STATUS: Not Started  
VALUATION: 0.00  
EXPIRATION DATE: 3/11/2019  
BALANCE: 0.00  
CLASS:

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents  
STATUS  
SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 9/11/2018  
STATUS: Not Started  
VALUATION: 0.00  
EXPIRATION DATE: 3/11/2019  
BALANCE: 0.00  
CLASS:

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents  
STATUS  
SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 8/24/2018  
STATUS: Not Started  
VALUATION: 0.00  
EXPIRATION DATE: 3/11/2019  
BALANCE: 0.00  
CLASS:

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents  
STATUS  
SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 9/11/2018  
STATUS: Not Started  
VALUATION: 0.00  
EXPIRATION DATE: 3/11/2019  
BALANCE: 0.00  
CLASS:

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents  
STATUS  
SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 9/11/2018  
STATUS: Not Started  
VALUATION: 0.00  
EXPIRATION DATE: 3/11/2019  
BALANCE: 0.00  
CLASS:

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents  
STATUS  
SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 9/11/2018  
STATUS: Not Started  
VALUATION: 0.00  
EXPIRATION DATE: 3/11/2019  
BALANCE: 0.00  
CLASS:

PROJECT: 183930 - GRADING/CLEARING PERMIT  
PROPERTY: HALLIES DAWN  
APPLIED DATE: 8/29/2018 ISSUED DATE: 8/29/2018 EXPIRATION DATE: 2/26/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCDECONTR D&D CONTRACTORS INC  
1463 BOLTON RD  
MARION, TX 78124  
SQUARE FEET: 0 UNITS: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 8/29/2018 EXPIRATION DATE: 2/25/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
|-----------------------------------|--------------|

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 8/29/2018 EXPIRATION DATE: 2/25/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
|-------------------------------------|--------------|

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 8/29/2018 EXPIRATION DATE: 2/25/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRADE OPEN GRADE/CLEAR OPEN INSPECT | No Incidents |
|-------------------------------------|--------------|
|-------------------------------------|--------------|

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 8/29/2018 EXPIRATION DATE: 2/25/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
=====

| GRAD FINAL GRADING/CLEARING FINAL | No Incidents |
|-----------------------------------|--------------|
|-----------------------------------|--------------|

PROJECT: 184002 - GRADING/CLEARING PERMIT  
PROPERTY: E DIETZ CREEK  
APPLIED DATE: 8/31/2018 ISSUED DATE: 8/31/2018 EXPIRATION DATE: 2/28/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: GCC3ENV C3 ENVIRONMENTAL SPECIALTIES  
132 NELL DEANE BLVD  
SCHERTZ, TX 78154  
SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN

UNIT: 0  
BALANCE: 0.00  
TYPE: ENG-01 GRADING/CLEARING  
ISSUED TO: CITY OF SCHERTZ  
1400 SCHERTZ PKWY  
SCHERTZ, TX 78154

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 8/31/2018 EXPIRATION DATE: 2/27/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents  
SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 8/31/2018 EXPIRATION DATE: 2/27/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents  
SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 8/31/2018 EXPIRATION DATE: 2/27/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents  
SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 8/31/2018 EXPIRATION DATE: 2/27/2019 CLASS:  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

CONTRACTOR CLASS: All

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 184063

- GRADING/CLEARING PERMIT

PROPERTY: 355 HUBERTUS RD (GB)

APPLIED DATE: 9/06/2018

ISSUED DATE: 9/06/2018

CONTRACTOR: GCR&SEXCAV R&S EXCAVATION LLC

PO BOX 459

BOERNE, TX 78006

SQUARE FEET: 0

DWELLING TYPE: PRIVATE

STATUS: COMPLETE

UNITS: 0

BALANCE: 0.00

TYPE: ENG-01

GRADING/CLEARING

EXPIRATION DATE: 9/06/2018

EXPIRATION DATE: 3/07/2019

COMPLETION DATE: 1/16/2019

ISSUED TO: COMAL ISD

1404 IH 35 NORTH

NEW BRAUNFELS, TX 78217

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 9/06/2018

EXPIRATION DATE: 3/05/2019

STATUS: APPROVED/PASSED

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

GRAD FINAL GRADING/CLEARING FINAL

APPROVED/PASSED

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 9/06/2018

EXPIRATION DATE: 3/05/2019

STATUS: APPROVED/PASSED

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

GRADE OPEN GRADE/CLEAR OPEN INSPECT

APPROVED/PASSED

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 9/06/2018

EXPIRATION DATE: 3/05/2019

STATUS: APPROVED/PASSED

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

GRAD FINAL GRADING/CLEARING FINAL

APPROVED/PASSED

PROJECTS: THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 184327

PROPERTY: 17745 LOOKOUT ROAD

APPLIED DATE: 9/27/2018

ISSUED DATE: 9/27/2018

EXPIRATION DATE: 3/28/2019

COMPLETION DATE: 0/00/0000

CONTRACTOR: YANTIS CO

YANTIS CO

5423 N. Loop 1604 E

SAN ANTONIO, TX 78247

SQUARE FEET: 0

DWELLING TYPE: PRIVATE

STATUS: OPEN

UNITS: 0

BALANCE: 0.00

TYPE: ENG-01

GRADING/CLEARING

ISSUED TO: TITAN LOOKOUT LLC

9601 McALLISTER FWY STE 1120

SAN ANTONIO, TX 78216

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 9/27/2018

EXPIRATION DATE: 3/26/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

STATUS

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 9/27/2018

EXPIRATION DATE: 3/26/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

STATUS

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC

CONTRACTOR:

ISSUED DATE: 9/27/2018

EXPIRATION DATE: 3/26/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

STATUS

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 9/27/2018

EXPIRATION DATE: 3/26/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

STATUS

PROJECTS: THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

REPORT SEQUENCE: Project

- All Contractor Classes

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 184364

- GRADING/CLEARING PERMIT

PROPERTY: 233 FM 3009

APPLIED DATE: 10/25/2018

ISSUED DATE: 10/25/2018

EXPIRATION DATE: 4/25/2019

COMPLETION DATE: 0/00/0000

CONTRACTOR: GCOPTIONL OPTION 1 CONSTRUCTION LLC

ISSUED TO: SCHERTZ R1, LLC

15010 LAKEFAIR DR.

15010 LAKEFAIR DR.

RICHMOND, TX 77406

RICHMOND, TX 77406

SQUARE FEET: 0

UNITS: 0

DWELLING TYPE: PRIVATE

STATUS: OPEN

BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 10/25/2018

EXPIRATION DATE: 4/25/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 10/25/2018

EXPIRATION DATE: 4/25/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC

CONTRACTOR:

ISSUED DATE: 10/25/2018

EXPIRATION DATE: 4/25/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 10/25/2018

EXPIRATION DATE: 4/25/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

PROJECT: 184455  
PROPERTY: - GRADING/CLEARING PERMIT  
APPLIED DATE: 10/09/2018  
CONTRACTOR: YANTIS CO  
5423 N. Loop 1604 E  
SAN ANTONIO, TX 78247

SQUARE FEET: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN

UNIT: 0  
BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT  
CONTRACTOR:  
ISSUED DATE: 10/09/2018  
STATUS: Not Started

EXPIRATION DATE: 4/07/2019  
VALUATION: 0.00  
CLASS: 0.00

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT  
CONTRACTOR:  
ISSUED DATE: 10/09/2018  
STATUS: Not Started

EXPIRATION DATE: 4/07/2019  
VALUATION: 0.00  
CLASS: 0.00

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC  
CONTRACTOR:  
ISSUED DATE: 10/09/2018  
STATUS: Not Started

EXPIRATION DATE: 4/07/2019  
VALUATION: 0.00  
CLASS: 0.00

PHASE  
GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents

SEGMENT: GRADING - GRADING/CLEARING  
CONTRACTOR:  
ISSUED DATE: 10/09/2018  
STATUS: Not Started

EXPIRATION DATE: 4/07/2019  
VALUATION: 0.00  
CLASS: 0.00

PHASE  
GRAD FINAL GRADING/CLEARING FINAL No Incidents

PROJECT: 184697 - GRADING/CLEARING PERMIT TYPE: ENG-01 GRADING/CLEARING  
PROPERTY: 7431 FM 3009  
APPLIED DATE: 10/29/2018 ISSUED DATE: 10/29/2018 EXPIRATION DATE: 4/28/2019 COMPLETION DATE: 0/00/0000  
CONTRACTOR: SCHWOB BLD SCHWOB BLDG CO., LTD ISSUED TO: SOUTHEASTERN FREIGHT  
2349 GLENDA LANE 420 DAVEGA ROAD  
DALLAS, TX 75229 LEXINGTON, SC 29073  
SQUARE FEET: 0 UNITS: 0  
DWELLING TYPE: PRIVATE  
STATUS: OPEN BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT CLASS:  
CONTRACTOR:  
ISSUED DATE: 10/29/2018 EXPIRATION DATE: 4/27/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE STATUS  
=====

GRAD FINAL GRADING/CLEARING FINAL No Incidents  
SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT CLASS:  
CONTRACTOR:  
ISSUED DATE: 10/29/2018 EXPIRATION DATE: 4/27/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE STATUS  
=====

GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents  
SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC CLASS:  
CONTRACTOR:  
ISSUED DATE: 10/29/2018 EXPIRATION DATE: 4/27/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE STATUS  
=====

GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents  
SEGMENT: GRADING - GRADING/CLEARING CLASS:  
CONTRACTOR:  
ISSUED DATE: 10/29/2018 EXPIRATION DATE: 4/27/2019  
STATUS: Not Started VALUATION: 0.00 BALANCE: 0.00

PHASE STATUS  
=====

GRAD FINAL GRADING/CLEARING FINAL No Incidents

PROJECTS: THRU ZZZZZZZZZZ

PROJECT TYPE: Include: ENG-01

CONTRACTORS: All

APPLIED DATES: 0/00/0000 THRU 99/99/9999

STATUS INCLUDED: All

EXPIRE DATES: 0/00/0000 THRU 99/99/9999

ISSUED DATES: 12/13/2017 THRU 12/12/2018

PROJECT: 184760

PROPERTY: - GRADING/CLEARING PERMIT

APPLIED DATE: 12/03/2018

ISSUED DATE: 12/03/2018

EXPIRATION DATE: 5/02/2019

COMPLETION DATE: 0/00/0000

CONTRACTOR: GCCAPITAL CAPITAL EXCAVATION COMPANY

ISSUED TO: PRICE COMPANIES

2967 BUSINESS PARK DR

314 E. COMMERCE ST. #600

BUDA, TX 78610

SAN ANTONIO, TX 78205

SQUARE FEET: 0

UNITS: 0

DWELLING TYPE: PRIVATE

STATUS: OPEN

BALANCE: 0.00

SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT

CONTRACTOR:

ISSUED DATE: 12/03/2018

EXPIRATION DATE: 6/03/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT

CONTRACTOR:

ISSUED DATE: 1/01/2019

EXPIRATION DATE: 6/03/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC

CONTRACTOR:

ISSUED DATE: 12/03/2018

EXPIRATION DATE: 6/03/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRADE OPEN GRADE/CLEAR OPEN INSPECT

No Incidents

SEGMENT: GRADING - GRADING/CLEARING

CONTRACTOR:

ISSUED DATE: 12/03/2018

EXPIRATION DATE: 6/03/2019

STATUS: Not Started

VALUATION: 0.00

BALANCE: 0.00

CLASS:

PHASE

STATUS

GRAD FINAL GRADING/CLEARING FINAL

No Incidents

|                                                                          |                                           |                             |                            |
|--------------------------------------------------------------------------|-------------------------------------------|-----------------------------|----------------------------|
| PROJECT: 81521                                                           | - GRADING/CLEARING PERMIT                 | TYPE: ENG-01                | GRADING/CLEARING           |
| PROPERTY: 22525 S IH35                                                   | ISSUED DATE: 5/25/2018                    | EXPIRATION DATE: 11/24/2018 | COMPLETION DATE: 0/00/0000 |
| APPLIED DATE: 5/25/2018                                                  | ISSUED TO: HUFFMAN BUILDERS OF CENTRAL TE |                             |                            |
| CONTRACTOR: GCHUFF                                                       | 13625 RONALD REAGAN BLVD                  |                             |                            |
|                                                                          | CEDAR PARK, TX 78613                      |                             |                            |
| SQUARE FEET: 0                                                           | UNITS: 0                                  |                             |                            |
| DWELLING TYPE: PRIVATE                                                   | BALANCE: 0.00                             |                             |                            |
| STATUS: VOID                                                             |                                           |                             |                            |
| SEGMENT: GR FINAL - GRADE/CLEAR FINAL INSPECT                            |                                           |                             |                            |
| CONTRACTOR:                                                              |                                           |                             |                            |
| ISSUED DATE: 5/25/2018                                                   | EXPIRATION DATE: 11/21/2018               | CLASS:                      |                            |
| STATUS: Not Started                                                      | VALUATION: 0.00                           | BALANCE:                    | 0.00                       |
| PHASE                                                                    |                                           |                             |                            |
| =====                                                                    |                                           |                             |                            |
| GRAD FINAL GRADING/CLEARING FINAL No Incidents                           |                                           |                             |                            |
| SEGMENT: GR OPEN IN - GRADE/CLEAR OPEN INSPECT                           |                                           |                             |                            |
| CONTRACTOR:                                                              |                                           |                             |                            |
| ISSUED DATE: 5/25/2018                                                   | EXPIRATION DATE: 11/21/2018               | CLASS:                      |                            |
| STATUS: Not Started                                                      | VALUATION: 0.00                           | BALANCE:                    | 0.00                       |
| PHASE                                                                    |                                           |                             |                            |
| =====                                                                    |                                           |                             |                            |
| GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents                         |                                           |                             |                            |
| SEGMENT: GRADE INTE - GRADE/CLEAR INTERM INSPEC                          |                                           |                             |                            |
| CONTRACTOR:                                                              |                                           |                             |                            |
| ISSUED DATE: 5/25/2018                                                   | EXPIRATION DATE: 11/21/2018               | CLASS:                      |                            |
| STATUS: Not Started                                                      | VALUATION: 0.00                           | BALANCE:                    | 0.00                       |
| PHASE                                                                    |                                           |                             |                            |
| =====                                                                    |                                           |                             |                            |
| GRADE OPEN GRADE/CLEAR OPEN INSPECT No Incidents                         |                                           |                             |                            |
| SEGMENT: GRADING - GRADING/CLEARING                                      |                                           |                             |                            |
| CONTRACTOR:                                                              |                                           |                             |                            |
| ISSUED DATE: 5/25/2018                                                   | EXPIRATION DATE: 11/21/2018               | CLASS:                      |                            |
| STATUS: Not Started                                                      | VALUATION: 0.00                           | BALANCE:                    | 0.00                       |
| PHASE                                                                    |                                           |                             |                            |
| =====                                                                    |                                           |                             |                            |
| GRAD FINAL GRADING/CLEARING FINAL No Incidents                           |                                           |                             |                            |
| TOTAL PRINTED: 33 PROJECTS TOTAL VALUATION: \$0.00 TOTAL BALANCE: \$0.00 |                                           |                             |                            |

\*\*\* SEGMENT RECAP \*\*\*

| PROJECT SEGMENT                   | # OF SEGMENTS | BALANCE |
|-----------------------------------|---------------|---------|
| GR - GRADE/CLEAR FINAL INSPECT    | 33            | 0.00    |
| GR - GRADE/CLEAR OPEN INSPECT     | 33            | 0.00    |
| GRADE - GRADE/CLEAR INTERM INSPEC | 27            | 0.00    |
| GRADING - GRADING/CLEARING        | 33            | 250.00  |
| *** TOTALS ***                    | 126           | 250.00  |

\*\*\* PROJECT TYPE RECAP \*\*\*

| PROJECT TYPE              | # OF PROJECTS | BALANCE |
|---------------------------|---------------|---------|
| ENG-01 - GRADING/CLEARING | 33            | 0.00    |
| *** TOTALS ***            | 33            | 0.00    |

\*\*\* MONTHLY RECAP BASED ON ISSUED DATE \*\*\*

|                   |          |           |         |
|-------------------|----------|-----------|---------|
| ISSUED YEAR: 2017 |          |           |         |
| MONTH             | PROJECTS | VALUATION | BALANCE |
| DECEMBER          | 1        | 0.00      | 0.00    |
| ISSUED YEAR: 2018 |          |           |         |
| MONTH             | PROJECTS | VALUATION | BALANCE |
| JANUARY           | 2        | 0.00      | 0.00    |
| FEBRUARY          | 2        | 0.00      | 0.00    |
| MARCH             | 2        | 0.00      | 0.00    |
| APRIL             | 2        | 0.00      | 0.00    |
| MAY               | 8        | 0.00      | 0.00    |
| JUNE              | 2        | 0.00      | 0.00    |
| JULY              | 3        | 0.00      | 0.00    |
| AUGUST            | 3        | 0.00      | 0.00    |
| SEPTEMBER         | 3        | 0.00      | 0.00    |
| OCTOBER           | 4        | 0.00      | 250.00  |
| DECEMBER          | 1        | 0.00      | 0.00    |
| TOTALS:           | 32       | 0.00      | 250.00  |
| GRAND TOTALS:     |          |           |         |
|                   | 33       | 0.00      | 250.00  |

2018 Municipal Employee  
Training – August/September  
2018 Safety Meetings



## SAFETY MEETING SIGN IN--Drainage 08.08/2018

| Department | Name                            | Signature                |
|------------|---------------------------------|--------------------------|
| Water      | Eber Busch                      |                          |
|            | Jerad Moheit                    |                          |
|            | Paul Lopez                      |                          |
|            | Aaron Dammann                   | <i>Aaron Dammann</i>     |
|            | Allen Diaz                      | <i>Allen Diaz</i>        |
|            | Anthony Jimenez                 | <i>Anthony Jimenez</i>   |
|            | <i>Darryl</i> Darryl Cunningham | <i>Darryl Cunningham</i> |
|            | Don Sarten                      | <i>Don Sarten</i>        |
|            | Eric Digiacomo                  |                          |
|            | Ismael Pardo                    |                          |
|            | James Batten                    | <i>James E. Batten</i>   |
|            | Jeremy Ryle                     | <i>Jeremy Ryle</i>       |
|            | Moses Flores                    | <i>Moses Flores</i>      |
|            | Raul Santoya                    | <i>Raul Santoya</i>      |
| Street     | Robin Smith                     | <i>Robin Smith</i>       |
|            | Robert Martinez                 | <i>Robert Martinez</i>   |
|            | Antonio Valle                   | <i>Antonio Valle</i>     |
|            | Bryan Timmons                   |                          |
|            | Chance                          |                          |
|            | Demetrio Martinez               | <i>Demetrio Martinez</i> |
|            | Elmo Bendele III                | <i>Elmo Bendele III</i>  |
|            | Joe Abdullah                    | <i>Joe Abdullah</i>      |
|            | Lalo Guzman                     | <i>Lalo Guzman</i>       |
|            | Lupe Castillo                   | <i>Lupe Castillo</i>     |
|            | Ron Sand                        | <i>Ronald Sand</i>       |
|            | Tim Myers                       | <i>Tim Myers</i>         |
|            | Chance                          |                          |
|            | Trevor Garcia                   | <i>Trevor Garcia</i>     |

**Drainage**

Waylin Caraway

Deon McAfee

Kevin Anderson

~~Alex Lazaro~~

~~Christopher Leos~~

Daniel Pequeno

Joseph Robless

Tyler Warneke

**Inspector**

Daivian Herrera

Eddie Diggs

Mike Colombo

**Office**

Jennifer Jones

Dawn Hampton

Jim Hooks

Doug Letbetter

**Engineers**

Kathryn Woodlee

Cecilia Palomo

Larry Busch Jr.

Scott McClelland

John Nowak

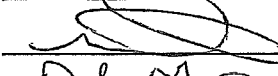
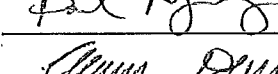
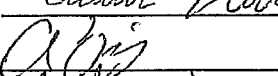
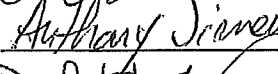
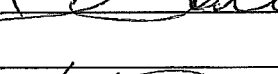
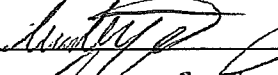
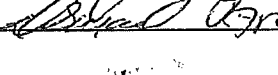
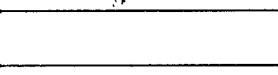
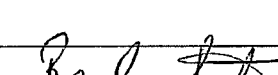
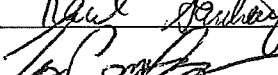
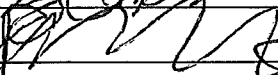
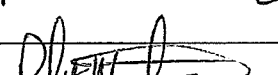
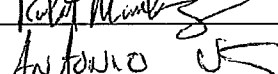
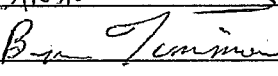
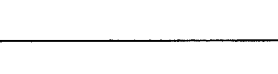
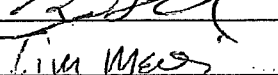
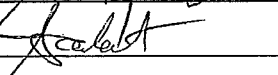
Waylin Caraway  
Deon McAfee  
Kevin Anderson

Daniel Pequeno  
Joseph Robless  
Tyler Warneke  
Daivian Herrera  
Eddie Diggs  
Mike Colombo

Doug Letbetter

Kathryn Woodlee  
Cecilia Palomo  
Larry Busch Jr.  
Scott McClelland  
John Nowak

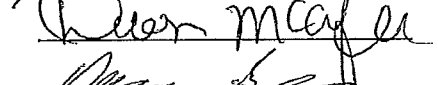
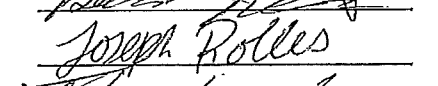
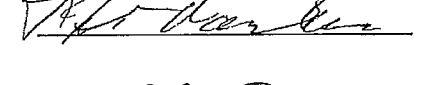
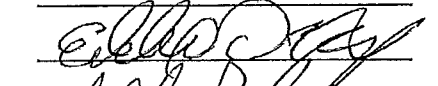
## SAFETY MEETING SIGN IN--Streets-09/12/2018

| Department | Name              | Signature                                                                             |
|------------|-------------------|---------------------------------------------------------------------------------------|
| Water      | Eber Busch        |    |
|            | Jerad Moheit      |    |
|            | Paul Lopez        |    |
|            | Aaron Dammann     |    |
|            | Allen Diaz        |    |
|            | Anthony Jimenez   |    |
|            | Daryl Cunningham  |    |
|            | Donald Sarten     |    |
|            | Eric Digiacomio   |    |
|            | Hector Mauldin    |   |
|            | Ismael Pardo      |  |
|            | James Batten      |  |
|            | Jeremy Ryle       |  |
|            | Moses Flores      |  |
|            | Raul Santoya      |  |
|            | Trey Combs        |  |
|            | Robin Smith       |  |
| Street     | Robert Martinez   |  |
|            | Antonio Valle     |  |
|            | Bryan Timmons     |  |
|            | Demetrio Martinez |  |
|            | Elmo Bendele III  |  |
|            | Joe Abdullah      |  |
|            | Lalo Guzman       |  |
|            | Lupe Castillo     |  |
|            | Ron Sand          |  |
|            | Tim Myers         |  |
|            | Chance Sears      |  |

Drainage

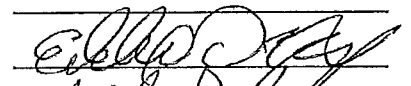
Trevor Garcia  
Waylin Caraway

Kevin Anderson  
Deon McAfee  
Daniel Pequeno  
Joseph Robles  
Tyler Warneke

Inspector

Eddie Diggs  
Mike Colombo

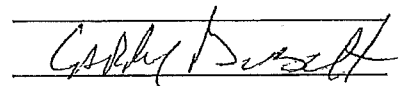
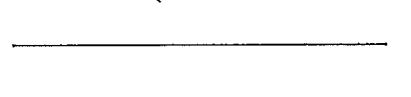
  


Office

Jennifer Jones  
Dawn Hampton  
Jim Hooks  
Doug Letbetter

Engineers

Kathryn Woodlee  
Cecilia Palomo  
Larry Busch Jr.  
Scott McClelland  
John Nowak

2018 Municipal Employee  
Training – Certified Stormwater  
Inspector Training



## Certified Stormwater Inspector Training

Larry Busch

Fri 9/14/2018 5:09 PM

Sent Items

To: Michael Colombo <mcolombo@schertz.com>; Eddie Diggs <ediggs@schertz.com>;

Hilton San Antonio Airport  
611 NW Loop 410  
San Antonio, TX  
In the Austin Meeting Room  
Class is 8:30a to 5:00p both days

## The National Stormwater Center San Antonio Oct 4 - 5, 2018

### Class Location

kimberley <Kim@npdes.com>

Fri 9/14/2018 4:50 PM

To: pedh2o@gmail.com <pedh2o@gmail.com>; kimberley <Kim@npdes.com>; Allison Somerfield <Allison@npdes.com>;

Hello!

This is to confirm your registration for our Certified Stormwater Inspector training class being held in San Antonio, TX on October 4<sup>th</sup> and 5<sup>th</sup>, 2018. We would like to thank you for your participation in this class.

The classroom location is:

Hilton San Antonio Airport  
611 NW Loop 410  
San Antonio, TX  
Meeting Room: Austin Room  
Phone: (210) 340-6060

Class will begin at 8:30 AM each day and end by approximately 5:00 PM. All attendees are on their own for lunch. Lunch break is one hour. Dress is business casual. All course materials will be provided to you at the sessions. Your instructor for this training will be Paul Davis (for more info see "instructors" on <http://www.npdes.com/>).

If you have any questions before class, please be sure to let me know. Mr. Davis looks forward to meeting you!

Thanks,

Kim Pierson  
National Stormwater Center  
(360) 225-5800  
[kim@npdes.com](mailto:kim@npdes.com)

NPDES

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## Need a Certified Stormwater Inspector™?

### We can help!

This certification indicates that the services are being performed by professionals who have completed the stormwater inspector certification requirements and have met established standards of knowledge, experience, and competence required in the field of stormwater inspections.

With over 7,333 graduates, when you need a Certified Stormwater Inspector the National Stormwater Center can help get your search underway. Locate an Inspector in your area, contact us, and we'll help put you in touch.

National Stormwater Center's Certified Inspectors are eligible to conduct stormwater inspections nationwide.

NOTE: This listing may reference the state in which the Inspector was certified, as opposed to the state in which the Inspector resides. Many of our graduates are multiple-certificate holders and may appear on the listing more than once.

Certified Stormwater Inspectors who wish to be listed in multiple states should contact the National Stormwater Center.

Show  ☒ entries

Search:

| Last      | ◆ First | ◆ City  | ◆ State ◆ |
|-----------|---------|---------|-----------|
| Busch Jr. | Larry   | Schertz | TX        |
| Diggs     | Eddie   | Schertz | TX        |
| Colombo   | Michael | Schertz | TX        |

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info@npdes.com, or call  
(888) 397-9414. Office  
hours 9:00 am EST -  
4:00 pm PST

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