City of Harker Heights
Stormwater Committee
December 10, 2025

1

I Pledge Allegiance to the Flag of the United States of America and to the Republic for which it stands, one nation under God, indivisible, with liberty and justice for all.

2

Honor the Texas Flag. I pledge allegiance to thee Texas; one state under God, one and indivisible.

3

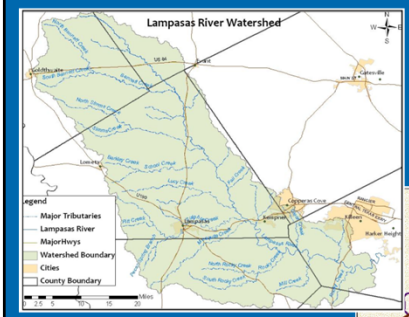
2025 Stormwater Committee

3. Roll Call
4. Discuss & Consider approving the minutes of the meeting held December 5, 2024.
5. Public Hearing
   - Conduct a Public Hearing to receive, discuss and consider a presentation concerning compliance with the City of Harker Heights Storm Water General Permit requirements; review accomplishments to date; discuss the Storm Water Management Plan submitted to the Texas Commission on Environmental Quality; solicit input from the public and stakeholders; plan to address future compliance issues; and take the appropriate action.

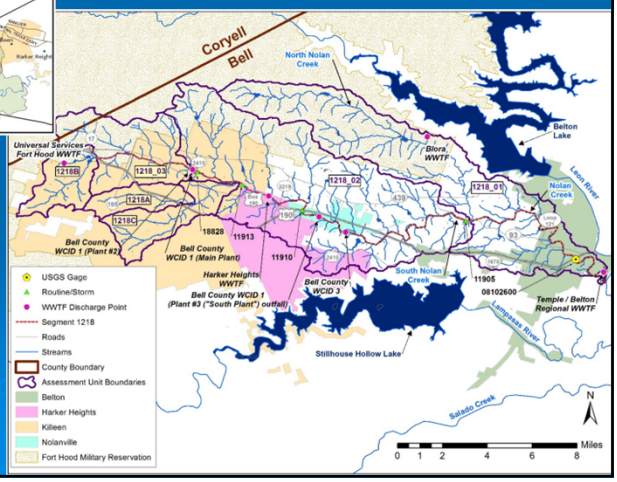
4

B-1-3-3

LAMPASAS RIVER WPP



NOLAN CREEK WPP



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Phase II MS4 General Permit

1. Application was submitted on 1/30/2025 and confirmed received on 2/11/2025.
2. Existing small MS4 operators continued to implement ongoing items in their most recently TCEQ approved SWMP until a renewal NOI was submitted and approved under the 2024 general permit.
3. Permit was approved and issued on September 23, 2025.

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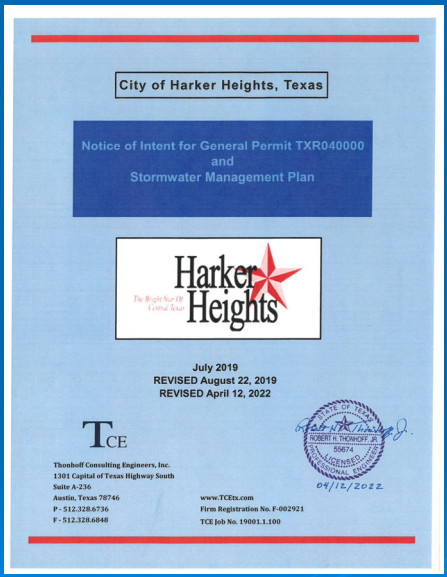

City of Harker Heights, Texas

Notice of Intent for General Permit TXR040000
and
Stormwater Management Plan

Harker Heights
The Bright Star Of Central Texas

July 2019
REVISED August 22, 2019
REVISED April 12, 2022

TCE

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1301 Capital of Texas Highway South
Suite A-236
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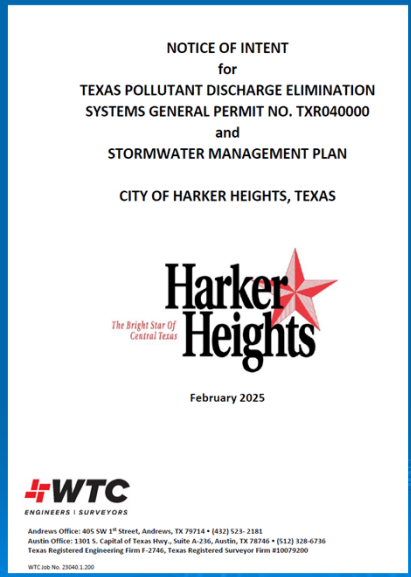
Firm Registration No. F-002921
TCE Job No. 19001.1.100

ROBERT H. THONHOFF, JR.
55674
LICENSED
PROFESSIONAL ENGINEER
04/12/2022



NOTICE OF INTENT
for
TEXAS POLLUTANT DISCHARGE ELIMINATION
SYSTEMS GENERAL PERMIT NO. TXR040000
and
STORMWATER MANAGEMENT PLAN

CITY OF HARKER HEIGHTS, TEXAS

Harker Heights
The Bright Star Of Central Texas

February 2025

WTC
ENGINEERS | SURVEYORS

Andrews Office: 405 SW 1st Street, Andrews, TX 79714 • (432) 523- 2181
Austin Office: 1301 S. Capital of Texas Hwy., Suite A-236, Austin, TX 78746 • (512) 328-6736
Texas Registered Engineering Firm F-2746, Texas Registered Surveyor Firm #10079200

WTC Job No. 29040.1.200

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Phase II MS4 General Permit

4. Level 2a – 10,000 - 40,000 people within the Killeen Urban Area (formerly called Urbanized Area).
5. Clear, specific, & measurable goals.
   - Authority to require, receive, respond, assess, & enter
   - Enforcement

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2025 SWMP Accomplishments

1. Print and distribute Brochure No. 18 (Mailed out to residents with their December water bill.)
2. Maintained the storm water page on the City website.
3. Distribute the Pet Waste Fact Sheet. To date this year, the Pet Adoption Center has distributed 1,383 fact sheets.

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2025 SWMP Accomplishments

4. Stormwater Community Service Project: Install a minimum of 25 curb markers on drainage catch basins and flumes.

   Trail Life Troop 1274 installed 76 curb markers along FM 2410, Warriors Path Road, and along Amy Lane. (Completed November 08, 2025. Chuck Adams, Street, Drainage & Sanitation Supervisor.)

10

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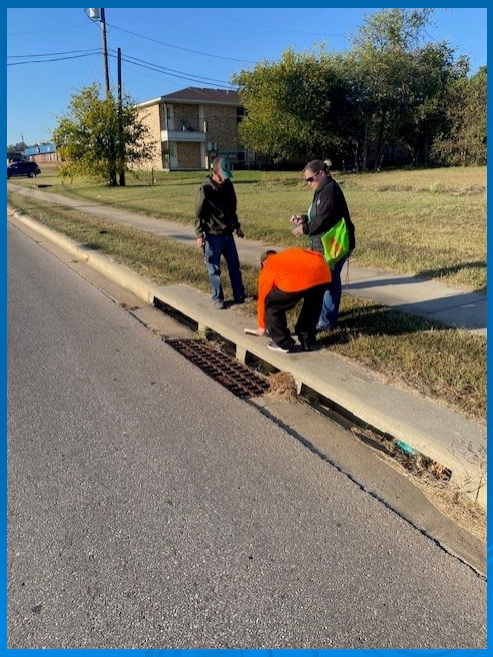

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Harker Heights

2025 SWMP Accomplishments

5. Hold one Stormwater Committee Meeting.
6. Hold a Household Hazardous Waste Day in the area.
   - May 03, 2025: Sponsored by the City of Killeen, City of Harker Heights, and the Central Texas Council of Governments.
   - October 25, 2025: Sponsored by the City of Temple and the Central Texas Council of Governments.

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Household Hazardous Waste
Collection Event
Saturday May, 3 2025
9 A.M. - 2 P.M.
Special Events Center
3301 South W.S. Young Drive
ACCEPTING (AT NO CHARGE)
fluorescent bulbs/tubes, acids/other chemicals, antifreeze (5 GAL), petroleum products, household cleaners, used oil (5 GAL), pesticides/herbicides, paint (10 Gal), batteries
DO NOT BRING
electronics, fire alarms, smoke detectors, explosives, pressurized containers, tires, or trailers
Please bring proof of residency
Bell, Coryell, Hamilton, Lampasas, Milam, Mills, San Saba Counties.
CTCOG
central texas council of governments
FOR MORE INFORMATION:
DAVIDLOPEZ@CTCOG.ORG
(254) 770-2363
www.killeentexas.gov/solidwaste

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CITY OF TEMPLE
Household
Hazardous Waste
Collection Day
Saturday, October 25
8am–1pm
2611 E. Ave. H
Temple, TX
Accepted Items
ELECTRONICS
HOME/GARDEN/ VEHICULAR CHEMICALS
PAINT & PAINT PRODUCTS
BATTERIES
TIRES
FOR A COMPLETE LIST OF ACCEPTED ITEMS, VISIT:
TEMPLETX.GOV/HHW

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2025 SWMP Accomplishments

7. Dry Weather Screening Drainage Outfalls.
   - Completed March & April 2025.

17

Signs at Major Storm Water Outfalls (24 Total)

18

Signs at Major Storm Water Outfalls (24 Total)

19

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2025 SWMP Accomplishments

8. Remedy Illicit Connections.
9. Site Inspections and Enforcement.
10. Clean Stormwater Catch Basins.
11. Sweep Streets.

20

Grass Clippings Blown in Street

21

Harker Heights Street Sweeper

22

Harker Heights Street Combination Jetrodder/Vacuum Cleaning Truck

23

Waste Management Solid Waste Polycarts with Lids

24

2025 SWMP Accomplishments

12. Dispose of street sweeping debris in accordance with revised standard operating procedure (SOP).

25

Street Sweeper Debris Disposal Site

26

2025 SWMP Accomplishments

13. Clean detention pond inlets and trash racks.

27

Detention Facility Trash Rack

28

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2025 SWMP Accomplishments

13. Inspect an average of one stormwater detention facility (public or private) each month. Provide a written report for each inspection.

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DETENTION POND INSPECTION FORM

Site Name:_____

Location:_____

Date:_____

Inspector's Signature:_____

Inspection Item	Yes	No	Comment
1. Trash and Debris			
2. Sediment Accumulation			
3. Clogging of Rock Filter Dam			
4. Sidewall Erosion			
5. Odorous Sediment			
6. Overgrown Vegetation			
7. Vegetation Coverage less than 90%			
8. Tree Growth			
9. Vandalism			
10. Rodent Holes			
11. Insects			
12. Liner Exposure			
13. Settlement of Berm			
14. Piping Condition Needs Attention			
15. Concrete Flat Work Needs Attention			

30

2025 SWMP Accomplishments

13. Public Works and Parks & Recreation Department Stormwater Training.
    - The annual training was completed on December 09, 2025.

31

2025 SWMP Accomplishments

14. Implement an Operations and Maintenance Program aimed at pollution prevention/good housekeeping.

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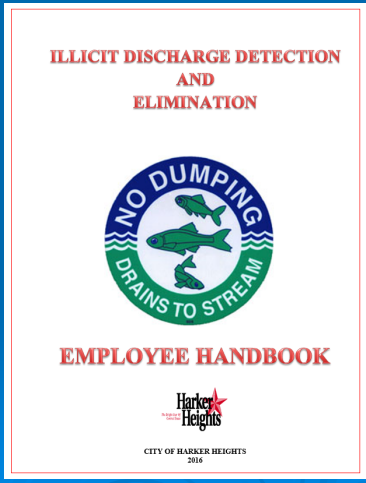
Illicit Discharge Detection Employee Handbook


ILLICIT DISCHARGE DETECTION
AND
ELIMINATION

NO DUMPING
DRAINS TO STREAM

EMPLOYEE HANDBOOK

CITY OF HARKER HEIGHTS
2016

33

2025 SWMP Accomplishments

17. Continue to improve and implement the procedural system for detecting and eliminating illicit discharges. The City has developed an associated training manual for City employees.
18. Continue maintaining the remote sanitary sewer manhole monitoring installation on Trimmier Creek to detect surcharged manholes before they overflow into the creek.

34

2025 SWMP Accomplishments

19. Implementation of the sampling, testing and data collection plan to aid in identifying/eliminating contaminant sources. (For contact recreation streams, the e-coli level must be <126 colony forming units /100 ml)

35

2025 SWMP Accomplishments

20. For Nolan Creek, the City of Harker Heights is collecting the e-coli sample data. The sample sites are located at the Roy Reynolds bridge, North Amy Lane and the FM 3219 bridge.

36

South Nolan Creek

37

2025 SWMP Accomplishments

21. For Trimmier Creek, the City of Harker Heights is utilizing e-coli sample data from the Brazos River Authority. Sample sites at Chaparral Road and tributaries at Purser Park and at the Prospector Trail bridge. Trimmier Creek has been removed from the TCEQ's impaired water bodies list for e-coli.

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2025 SWMP Accomplishments

22. Maintained the Stormwater Hotline for the public to report and comment on illicit storm water sightings and issues. (Storm Water Hotline: M-T 953-5649 - Kristina Roach. Fridays, Weekends and holidays 319-4996 - Street & Drainage On Call)
23. Develop location-based stormwater related data.

39

2025 SWMP Accomplishments

24. Provide a developer guidance document to clarify pre-construction, construction and post-construction storm water requirements.
25. Develop materials promoting the reduction of stormwater runoff and pollutants. (These are the lawn/landscaping brochure mail outs)

40

2025 SWMP Accomplishments

26. Targeted wastewater facilities review. (Includes reviewing & inspecting wastewater facilities for potential leaks or malfunctions)
27. Seek public input on City facilities and O&M. (Stormwater Hotline)

41

2025 SWMP Accomplishments

28. Implemented Industrial Stormwater Permit for the City's wastewater treatment plant.
29. Worked with the Nolan Creek Watershed Coordinator on implementation of the Nolan Creek Watershed Protection Plan.
    - Valencia Ramirez, Nolan Creek Watershed Coordinator, recently provided a pet waste and water quality brochure to distribute the public.

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PET WASTE AND WATER QUALITY

WHAT IS THE PROBLEM?

Scooping your pet's poop isn't just courteous, it's essential for protecting our environment. When left on the ground, pet waste can wash into storm drains and flow untreated into nearby creeks and rivers, adding harmful bacteria and nutrients to the water. Just as we keep human sewage out of our waterways, we must prevent pet waste from entering them too.

NOLAN CREEK WATERSHED

WHAT CAN YOU DO?

- **Always Pick Up After Your Pet:** Carry bags on every walk and dispose of waste in the trash or flush it down the toilet. This prevents harmful bacteria and nutrients from entering local waterways.
- **Avoid Storm Drains:** Never sweep, hose, or dump pet waste into streets, gutters, or storm drains. Storm drains flow untreated into creeks, rivers, and lakes.
- **Bury Waste Properly:** If you have a yard, un-bagged pet waste can be buried at least 5 inches deep, away from vegetable gardens, streams, or drainage areas.
- **Use Composting Carefully:** Some specialized pet waste composters are available, but never add pet waste to regular compost used for edible plants.
- **Keep Pets Healthy:** Vaccinated and healthy pets reduce the spread of disease through waste, protecting both humans and wildlife.
- **Spread Awareness:** Encourage neighbors and friends to pick up after their pets and explain how pet waste impacts water quality.
- **Participate in Community Efforts:** Join local clean-ups of parks, trails, and waterways to reduce accumulated pet waste and other pollution.

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Questions

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2026 SWMP Objectives

Continued implementation of the current Stormwater Management Program elements and implement new BMPs.

45

2025 & 2026 New BMPs

1. BMP#1-2: Posting on Stormwater Website.
2. BMP#1-9: Social Media Campaigns & Posts
   - Minimum of 4 per year.
3. BMP #2-3: Volunteer Water Quality Monitoring

46

2025 & 2026 New BMPs (cont.)

4. BMP#3-2: Review and Develop Stormwater Related Ordinances for all Control Measures.
   - Adequate legal authority to control pollutant discharges into and from the MS4.

5. BMP #4-3: Construction Site Inspections
   - 80% of active sites.
   - Inspector certifications.

47

2025 & 2026 New BMPs (cont.)

6. BMP#6-3: Targeted Wastewater Facilities Review.
   - Inspection by Staff
   - Public Input
   - Minimum of 4 per year.

7. BMP #6-5: Pollution Prevention Measures
   - 2 of 4 options to be adopted and tracked

48

Motion

Move to continue implementation of the current Stormwater Management Program elements and implement new BMPs as identified in the Program.

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2025 Stormwater Committee

6. Adjournment

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