



Stormwater Management Program

Municipal Separate Storm Sewer System

Texas Pollutant Discharge Elimination System Permit No. WQ0004396000

Permit Year 7 (PY7) - Annual Report

October 1, 2017 to September 30, 2018

January 11, 2019

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January 11, 2019

Ms. Rebecca Villalba, P.E.
Texas Commission on Environmental Quality (TCEQ)
Wastewater Permitting Section, MC-148
Stormwater and Pretreatment Team
12100 Park 35 Circle, Bldg. F-2nd Floor
P.O. Box 13087
Austin, Texas 78711-3087

Re: TPDES MS4 Permit No. WQ0004396000
City of Dallas Stormwater Management Program
Annual Report October 1, 2017 – September 30, 2018

Dear Ms. Villalba:

Enclosed is the annual report that summarizes performance under the seventh full year of the City of Dallas Municipal Separate Storm Sewer System permit number WQ0004396000 issued October 6, 2011. For your convenience, both hardcopy and electronic versions are provided.

If you have any questions or need additional information, please contact me at 214-670-1642.

Sincerely,

James McGuire, Director
Office of Environmental Quality and Sustainability

Enclosures (2)

c: TCEQ Office, Region 4
File

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CERTIFICATION

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 gather and evaluate 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed,



Majed Al-Ghafry, P.E.
Assistant City Manager
City of Dallas



Date

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STORMWATER MANAGEMENT PROGRAM OVERVIEW

TPDES Permit No. WQ0004396000

Introduction	The City of Dallas (City) has prepared this Annual Report as required by Part IV.C (Annual Report) of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004396000.		
Reporting Period	This annual system-wide report summarizes program performance for the seventh Permit Year (PY7) of a five year MS4 permit issued to the City of Dallas on October 6, 2011. It summarizes related performance metrics for the reporting period between October 1, 2017 and September 30, 2018.		
Report Format	This Annual Report is organized to provide a summary overview of the program highlights with a tabular summary of City of Dallas Stormwater Management Program (SWMP) performance relative to the measurable goals set forth in the SWMP. Consistent with IV.C of the Permit, the report sections are as follows: Section 1 - Status of Implementing the SWMP Section 2 - Summary of Proposed Changes to the SWMP Section 3 - Identification of Water Quality Improvements, Degradation and Progress Towards Measured Reduction of Pollutants Section 4 - Progress of Implementing the Interim Bacteria Reduction Plan (iBRP) Section 5 - Annual Expenditures for the Reporting Period Section 6 - Proposed Program Budget for the Following Permit Year Section 7 - Revisions to Assessment of Controls, or Budget from Previous Reporting Period Section 8 - A Summary of Permit Notifications Received Section 9 - Summary of Industrial and Construction Site Inspections Section 10 - Summary of Representative Monitoring Data		
Reporting Period Highlights	The City continues to meet the required permit milestones as outlined in the SWMP, with continuous improvements made to enhance permit and SWMP compliance. Program performance highlights during the Reporting Period for the 8-defined program minimum control measures (MCM), or “elements” are: <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 15%;"><u>MCM/Element</u></td><td style="vertical-align: top;"> <u>1</u> <u>MS4 Maintenance Activities:</u> Ongoing operations and maintenance of the sumps, retention/detention basins, and stormwater interceptor structures. The City removed a total of 38,947 cubic yards of debris and floatables from sumps, storm sewers, levee maintenance, trash racks, creeks, and retention/detention basins. A total of 91,872 gallons of debris was removed from stormwater interceptors. • Implemented several initiatives to address litter and floatables; through litter abatement activities; and volunteer cleanings. • Hired a consultant firm to conduct a City-wide Litter and Illegal Dumping Study, funding the Planning and Neighborhood Vitality Green Neighborhood Initiative Program (GNIP), and designing/purchasing reusable bags. • Continued Reverse Litter regional media campaign </td></tr> </table>	<u>MCM/Element</u>	<u>1</u> <u>MS4 Maintenance Activities:</u> Ongoing operations and maintenance of the sumps, retention/detention basins, and stormwater interceptor structures. The City removed a total of 38,947 cubic yards of debris and floatables from sumps, storm sewers, levee maintenance, trash racks, creeks, and retention/detention basins. A total of 91,872 gallons of debris was removed from stormwater interceptors. • Implemented several initiatives to address litter and floatables; through litter abatement activities; and volunteer cleanings. • Hired a consultant firm to conduct a City-wide Litter and Illegal Dumping Study, funding the Planning and Neighborhood Vitality Green Neighborhood Initiative Program (GNIP), and designing/purchasing reusable bags. • Continued Reverse Litter regional media campaign
<u>MCM/Element</u>	<u>1</u> <u>MS4 Maintenance Activities:</u> Ongoing operations and maintenance of the sumps, retention/detention basins, and stormwater interceptor structures. The City removed a total of 38,947 cubic yards of debris and floatables from sumps, storm sewers, levee maintenance, trash racks, creeks, and retention/detention basins. A total of 91,872 gallons of debris was removed from stormwater interceptors. • Implemented several initiatives to address litter and floatables; through litter abatement activities; and volunteer cleanings. • Hired a consultant firm to conduct a City-wide Litter and Illegal Dumping Study, funding the Planning and Neighborhood Vitality Green Neighborhood Initiative Program (GNIP), and designing/purchasing reusable bags. • Continued Reverse Litter regional media campaign		

Reporting
Period
Highlights,
(Continued)

MCM/
Element 2

Post-Construction Stormwater Control Measures: Continued implementation of integrated Stormwater Management Program (ISWM) that encourages post-construction controls to promote water quality improvements. Primary efforts included:

- The Complete Streets Manual was adopted by Dallas City Council in January 2016;
- During the permit term to date, eight **(8)** ISWM projects have been completed, fourteen **(14)** are under design, and three **(3)** are under construction and **(1)** substantially complete.

Flood Control Projects: Design and construction continued several key flood control projects to incorporate water quality improvement measures during the Reporting Period:

- Floodway Pump Station Upgrades: The City continued construction of the Able Pump Station and sump complex to reduce flood impacts to the people and property in the Central Business District and associated public infrastructure (I-35/I-30 highway exchange).

By the end of PY7, the new Able pump station was operating at half capacity. As a result, Able #1 and Able #2 pump stations were decommissioned and demolished.

- The Zoo Wetland Supplemental Environmental Project was completed and permitted for discharge; monitoring for this project also began.

MCM/
Element 3

Illicit Discharge Detection and Elimination: The City responded to and resolved **91** wet weather and **35** dry weather sanitary sewer overflows (SSOs) as a part of the Texas Commission on Environmental Quality (TCEQ) Sanitary Sewer Overflow Initiative. SSO prevention activities included televising over **242** miles of sewer, cleaning **1,537** miles of pipe, applying root control material to **70** miles of pipe, and performing **3,371** sanitary sewer repairs.

- City staff investigated and resolved **768** illicit discharge customer service requests. Forty-two **(42)** Chapter 54 letters were sent to facilities with significant illicit discharges to the MS4 and other Code violations.

-The City collected an estimated **104,533** gallons of used oil and anti-freeze from City of Dallas residents and **5,250** pounds of household hazardous waste (HHW) at the City's HHW event in partnership with the Dallas County Household Chemical Collection Center (HC3). A total of **24,553** participants used this program; **51 %** percent of the participants were Dallas residents.

- City staff responded to over **3,412** customer service requests related to stormwater concerns. The City's Environmental Crimes Unit monitored **423** chronic sites, investigated **7,811** cases, issued **1,493** citations, arrested **301** persons, and referred **641** locations for cleaning. The Environmental Crimes Unit addressed over **660,148** pounds of improperly dumped waste including over **2,680** tires. City efforts as a whole removed a total of **27,200** tires from the MS4.

Reporting
Period
Highlights,
(Continued)

-The City inspected **830** outfalls, **14,051** inlets, and **187** miles of storm sewers to verify system mapping. One hundred and forty-one (**141**) new storm sewer systems, comprising s of storm sewer with **310** new assets were added to the MS4 system map.

MCM/
Element 4

Pollution Prevention /Good Housekeeping for Municipal Operations: Participation in the City's Environmental Management System (EMS) continued; The City performed **157** internal environmental audits, **252** facility audits and **80** external audits. Over **148** classes were provided to City staff concerning pollution prevention and spill response.

Dallas Fire and Rescue staff responded to over **785** spills. **169** Hazmat spills, **249** level 2 responses, **57** transformers/PCB, and **310** incidents involving hydrocarbons. Of the **310** incidents involving hydrocarbons, **620** gallons entered the storm drain system. Discharges to the storm drain were mitigated by City staff, or remediation response firms.

Approximately **8,877** tons of litter, contaminated soils and floatables were removed from the MS4 during PY7.

MCM
Element 5

Industrial and High- Risk Runoff: The City performed **1,220** industrial inspections at **915** industrial sites that included **202** non-permitted sites, and **713** TPDES/SARA sites. The TPDES/SARA sites inspected are the following: **60** SARA 313 classified facility locations, **150** high risk facilities, **92** Sector U facilities, eight (**8**) permitted City facilities (landfill, salvage yard, transfer stations and airports), **21** airport tenants, and **765** low risk sites.

The City issued **67** Notices of Violation to **36** industrial facilities and **354** Industrial Corrective Action to **271** industrial facilities. Of the **1,220** industrial inspections, **52** NOV re-inspections were conducted on **27** sites whereas **67%** of the sites were found to be compliant during re-inspection. Of the **354** ICAs issued to **271** facilities, **350** ICA re-inspections where conducted at **271** facilities whereas **76%** of the **205** sites were found to be compliant during ICA re-inspection. City staff has been working with the operators on an ongoing basis to bring the remaining **24%** of the sites into compliance.

During the reporting period, the City reviewed **282** sets of facility monitoring data. Then, a total of **150** facilities were screened to assess the need to be permitted and as a result, **5** new facilities were required to be permitted.

This reporting period, a total of **72** facilities were added from DUNS and Bradsheet list, and sites found in the field. A total of **0** sites were verified as not needing a stormwater permit. This includes **40** facilities from PY6 reporting period that were previously permitted but verified either as no longer at the location or not required to have a stormwater permit. As of September 30, 2018, the City has **1,553** facilities that are considered as active sites unless verified as otherwise in the PY monitoring period.

MCM
Element 6

Construction Site Runoff: City staff performed a total of **5,888** inspections at **273** large sites, **2,873** inspections at **271** small sites, and an additional **30** inspections at sites that were one to five acres in size in response to citizen requests.

Six (**6**) Construction General Permit workshops were provided to **260** operators and other interested personnel.

-The City conducted **196** onsite operator consultations and **13** tail-gate presentations to **88** new operators as a result of receiving Notice-of-Intent or Construction Site Notices to commence construction during the reporting period.

Reporting
Period
Highlights,
(Continued)

MCM/
Element 7

Public Education and Outreach/Public Involvement and Participation: The City presented an integrated education program addressing several stormwater quality issues, including leaf blowers, used oil and toxic materials, pet waste, pesticides, herbicides and fertilizers, pool discharges, spill prevention and pollution prevention. The City participated in more than **324** outreach events and presentations directly reaching over **303,945** people;

-The City worked with Dallas ISD, local private schools, and the Dallas County Community College system to provide **126** presentations on stormwater pollution prevention to over **7,873** students;

-Four **(4)** industrial/trade workshops were provided to reach a total of **75** operators and other interested personnel.

- Six **(6)** Construction Workshops were provided to **260** professionals; an additional **209** on-site consultations and tail-gate presentations reached **483** construction workers.

-Volunteer efforts included the TCEQ Texas Stream Team program that implemented citizen stream monitoring in **27** different watersheds.

- The City also worked with local and national corporations such as Southwest Airlines, United by Blue and Fed-Ex, and non-profit organizations such as GroundWork Dallas to implement **14** voluntary cleanup events for portions of the Trinity River. Two hundred and seventy-five **(275)** volunteers participated in these events.

the City partnered with United by Blue, where 200 volunteers removed 15,000 pounds of trash and debris from Trinity Forest Trails.

The City also partnered with Southwest Airlines for their Southwest Airlines Kick-off event. Eighty-five 85 volunteers removed 6,000 pounds of trash and debris from the Lower Chain of Wetlands.

The City hosted several community events including The Trinity- Reflections of a River, The Trinity River Levee Run, and The Trinity River Wind Festival. The Trinity River Levee Run was a day long outdoor festival which promoted fitness and the Trinity River.

MCM/
Element 8

Monitoring, Evaluation and Reporting: City staff sampled six **(6)** watersheds during wet weather conditions to screen for pollutants during the reporting period. The City performed monitoring at the Turtle Creek-Trinity River and Headwaters Turtle Creek watersheds as a part of the Regional Wet Weather Monitoring Program. For the Local Wet Weather Monitoring Program, the City sampled Floyd Branch -White Rock Creek, Headwaters-White Rock Creek, Bachman Branch-Elm Fork Trinity River, and Upper Prairie Creek-Trinity River.

-Rapid Bio Assessment Protocol monitoring was performed at **70** locations in **19** watersheds to assess chemical, physical and biological stream conditions.

-The City performed dry weather monitoring of **830** stormwater outfalls in **14** watersheds as a part of the illicit discharge detection activities in Element 3. Staff collected **395** water and sediment samples in response to special water quality projects, customer service requests, and other investigations.

Throughout this reporting period, the City of Dallas Stormwater Management Program has generally met, and in many cases exceeded, the measurable goals as set forth in the SWMP and TPDES Permit No. WQ0004396000.

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TABLE OF CONTENTS

PREFACE - Cover Letter

Certification

SWMP Program Overview

Table of Contents

List of Abbreviations and Acronyms

1. STATUS OF IMPLEMENTING THE SWMP	1-1
A. MCM 1 - MS4 Maintenance Activities	1-3
(1) Structural Controls	1-9
(2) Floatables	1-10
(3) Roadways	1-14
B. MCM 2- Post-Construction Stormwater Control Measures	1-27
(1) Areas of Development and Significant Redevelopment	1-29
(2) Evaluation of Flood Control Projects	1-33
C. MCM 3 - Illicit Discharge Detection and Elimination	1-39
(1) Illicit and Allowable Discharges	1-42
(2) Detection and Elimination of Illicit Discharges	1-42
(3) Overflows and Infiltration	1-48
(4) Household Hazardous Waste(HHW) and Used Motor Vehicle Fluids	1-49
(5) MS4 Screening and Illicit Discharge Inspections	1-50
(6) NPDES and TPDES Permittee List	1-53
(7) MS4 Map Verification and Update	1-53
D. MCM 4 - Pollution Prevention/Good Housekeeping for Municipal Operations	1-59
(1) Pollution Prevention / Good Housekeeping Program	1-62
(2) Structural Control Maintenance	1-62
(3) MS4 Waste Management	1-62
(4) Pesticides, Herbicide and Fertilizer Application	1-63
(5) List of Municipal Facilities	1-64
(6) Spill Prevention and Response	1-65
E. MCM 5 - Industrial and High-Risk Runoff	1-73
(1) Priorities and Procedures for Inspection and Implementing Control Measures	1-75
(2) Industrial Monitoring and Screening Program	1-77
F. MCM 6 - Construction Site Stormwater Runoff	1-81
(1) Requirements for Structural and Non-structural BMPs	1-83
(2) Inspection of Construction Sites and Enforcement Requirements	1-84
(3) Education and Training for Construction Site Operators	1-84
(4) Notification of Requirements to Construction Site Operators	1-85
(5) List of Construction Sites	1-85
(6) Status of Complying with New Requirements	1-86
G. MCM 7 - Public Education and Outreach/Public Involvement and Participation	1-91
(1) Public Education and Outreach	1-93
(2) Public Participation and Involvement	1-102
H. MCM 8 - Monitoring, Evaluation and Reporting	1-115
(1) Dry Weather Screening Program	1-117
(2) Wet Weather Screening and Characterization Program	1-120
(3) Industrial and High- Risk Runoff Monitoring Program	1-121
(4) Floatables Monitoring	1-121
(5) Bio-Assessment Protocol Sampling	1-122
(6) TMDL Implementation Plan Support	1-125

TABLE OF CONTENTS (Continued)

	<u>Page</u>
2. SUMMARY OF PROPOSED CHANGES TO SWMP	2-1
3. IDENTIFICATION OF WATER QUALITY IMPROVEMENT, DEGRADATION AND PROGRESS TOWARDS MEASURED REDUCTION OF POLLUTANTS	3-1
4. PROGRESS TOWARDS IMPLEMENTING INTERIM BACTERIA REDUCTION PLAN	4-1
5. ANNUAL EXPENDITURES FOR REPORTING PERIOD	5-1
6. PROPOSED PROGRAM BUDGET FOR FOLLOWING PERMIT YEAR	6-1
7. REVISIONS TO ASSESSMENT OF CONTROLS OR BUDGET FROM PREVIOUS REPORTING PERIOD	7-1
8. SUMMARY OF PERMIT NOTIFICATIONS RECEIVED	8-1
9. SUMMARY OF INDUSTRIAL AND CONSTRUCTION SITE INSPECTIONS	9-1
10. SUMMARY OF REPRESENTATIVE MONITORING DATA	10-1

List of Figures

	<u>Page</u>
1-1 Lake Cliff Park Litter Boom	1-11
1-2 City Employee Educating on Operation Beautification	1-13
1-3 311 Dallas/Our Dallas Mobile App	1-42
1-4 Breakdown of Stormwater Related Customer Service Requests	1-44
1-5 Little Task Force Cleanup	1-47
1-6 Sanitation Spill and Cleanup	1-67
1-7 The New and Improved Trinity Trudy Mascot and Custom Wrapped Outreach Van	1-99
1-8 Stormwater Outreach Team	1-101
1-9 Texas Stream Team Training Class	1-104
1-10 Opportunities for Public Involvement	1-105
1-11 Aquatic Life Use, 2018 Season	1-123
1-12 Habitat Assessment, 2018 Season	1-124

List of Tables

MS4 Performance Summary Tables

	<u>Page</u>
A-1 Summary of Performance: MCM1 - MS4 Maintenance	1-16
B-1 Summary of Performance: MCM 2 - Post Construction Stormwater Control Measures	1-35
C-1 Summary of Performance: MCM 3 - Illicit Discharge Detection and Elimination	1-55
D-1 Summary of Performance: MCM 4 - Pollution Prevention and Good Housekeeping	1-69
E-1 Summary of Performance: MCM 5 - Industrial and High- Risk Runoff	1-79
F-1 Summary of Performance: MCM 6 - Construction Site Stormwater Runoff	1-87
G-1 Summary of Performance: MCM 7 - Public Education, Outreach, Involvement and Participation	1-107
H-1 Summary of Performance: MCM 8 – Monitoring, Evaluation and Reporting	1-127

Activity Summary Tables

	<u>Page</u>
1-A.1 Fish Kill Responses	1-9
1-A.2 Litter Boom Activities	1-12
1-B.1 Status of iSWM Projects	1-31
1-C.1 Stormwater-Related Customer Service Requests	1-43
1-C.2 Examples of Illicit Discharge Detection and Elimination Activities	1-45
1-C.3 Breakdown of Illicit Discharge Investigations by Watershed	1-46
1-C.4 Dry Weather Screening Activities	1-52
1-D.1 Waste Materials Removed from MS4	1-63
1-E.1 Industrial Inspection Priorities	1-76

TABLE OF CONTENTS (Continued)

Activity Summary Tables (Continued)

	<u>Page</u>
1-G.1 Education/Outreach Events by Topic	1-95
1-H.1 Dry Weather Screening Activities	1-118
1-H.2 Examples of Illicit Discharge Detection and Elimination Activities	1-119
1-H.4 Local Wet Weather Sample Collection Activities	1-121
1-H.5 Aquatic Life Use Statistics 2018	1-123
1-H.6 PY7 Habitat Assessment Statistics	1-124
1-H.7 Texas Clean River Program Sample Locations	1-126

MS4 Program Performance Tables

	<u>Page</u>
3-1 Water Quality Trends	3-1
5-1 Estimated SWMP Costs for Reporting Period	5-1
6-1 Proposed SWMP Costs for Next Permit Year	6-2

APPENDICES:

- A. List of NPDES and TPDES Permittees and Current Stormwater City Code**
- B. MS4 Maps**
- C. List of Municipal Facilities**
- D. Public Education and Outreach/Public Involvement and Participation Materials**
- E. Representative Monitoring Data**

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List of Abbreviations and Acronyms

AD	Administrative Directive
ALU	Aquatic Life Use
BMPs	Best Management Practices
CCTV	Closed Circuit Television
CFL	Compact Fluorescent Light fixtures
CGP	Construction General Permit
CMOM	Capacity Management Operations and Maintenance
CRMS	Customer Response Management System
CRP	Clean River Program
CSN	Construction Site Notice
CY	Cubic Yard
DWU	Dallas Water Utilities
EBS	Equipment Building Services (City Facility Maintenance Department)
EDMS	Environmental Data Management System
EMS	Environmental Management System (Per ISO 140001)
EPA	Environmental Protection Agency
<i>E. coli</i>	<i>Escherichia coli</i> ; (indicator bacteria)
FEMA	Federal Emergency Management Agency
GIS	Geographic Information System
GPS	Global Positioning System
HC3	Household Chemical Collection Center
HHW	Household Hazardous Waste
HUC	Hydrologic Unit Code
IBI	Index of Biotic Integrity
iBRP	Interim Bacteria Reduction Plan
ISO	International Standards Organization
iPLAN	Implementation Plan
IPM	Integrated Pesticide Management Program
iSWM	Integrated Stormwater Management Program
LEED™	Leadership in Energy and Environmental Design
LID	Low Impact Development
MCM	Minimum Control Measure
MEP	Maximum Extent Practicable
mL	Milliliter
MPN	Most Probable Number
MS4	Municipal Separate Storm Sewer System
MSGP	Multi-Sector General Permit (Industrial Facility Permit)
NC	Non-compliance

List of Acronyms and Abbreviations (Continued)

NCTCO	North Central Texas Council of Governments
NELAP	National Environmental Laboratory Accreditation Program
NEC	No-Exposure Certification
NOC	Notice of Change
NOI	Notice of Intent
NOT	Notice of Termination
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
PBW	Public Works Department
PKR	Park and Recreation Department
PHF	Pesticides, Herbicides, and Fertilizer
PY#	Permit Year Number
QAPP	Quality Assurance Project Plan
RBP	Rapid Bio Assessment Protocols
RCD	Resource Conservation District
RWWCP	Regional Wet Weather Characterization Program
SARA	Superfund Amendment and Reauthorization Act
SCM	Stormwater Control Measure
SCN	Small Site Construction Notification
SDE	Spatial Data Engine
SDC	Sustainable Development and Construction
SEP	Supplemental Environmental Project
SOG	Standard Operating Guidance
SOP	Standard Operating Procedure
SSO	Sanitary Sewer Overflow
SWIMS	Stormwater Information Management System
SWM	Stormwater Management Program
SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TMDLs	Total Maximum Daily Load
TRA	Trinity River Authority
TPDES	Texas Pollutant Discharge Elimination System
TPWD	Texas Park and Wildlife Department
TWM	Trinity Watershed Management Department
UOTM	Used Oil and Toxic Materials
WWTF	Wastewater Treatment Facility

1. STATUS OF IMPLEMENTING THE STORMWATER MANAGEMENT PLAN

In accordance with Part IV.C of the City's permit, this section provides the status of implementing the Stormwater Management Plan (SWMP), including the permit-defined Minimum Control Measures (MCMs) (or Elements) during the Reporting Period for Permit Year 7, the period encompassing October 1, 2017 to September 30, 2018.

On October 6, 2011, the Texas Commission on Environmental Quality (TCEQ) renewed Texas Pollution Discharge Elimination System (TPDES) Municipal Separate Storm Sewer System (MS4) Permit No. WQ00043960000 (Permit) for the City of Dallas (City). The permit requires the City to *"develop, implement, and revise, as necessary, a comprehensive Storm Water Management Program (SWMP) which includes pollution prevention measures, treatment or pollutant removal techniques, storm water monitoring, use of legal authority, and other appropriate means to control the quality of storm water discharged from the MS4 that reach Waters of the United States (U.S.)."* The Permit requires that, *"each element of the plan must be developed to include measurable goals, whenever feasible."*

Upon receipt of the final permit, the City revised and updated the original draft SWMP. This second draft SWMP was made available to the public and comments were solicited through the newsletter, flyers, and in person at events such as EarthFest, and the Dallas Home and Garden Show. This second draft SWMP was finalized to incorporate minor citizen and departmental comments, and the Interim Bacteria Reduction Plan (iBRP) with related activities. A copy of the final SWMP and iBRP was transmitted to the TCEQ in December 2012, with the Permit Year (PY) 1 Annual Report.

The City's application for the renewal of permit WQ0004396000 was received by the TCEQ on April 12, 2016; TCEQ deemed the application administratively complete on July 6, 2016. The City received the preliminary draft permit in December 2016 and after the City provided comments, the City received the TCEQ Executive Director's Preliminary Decision (EDPD) and draft renewal permit on April 6, 2017. Public Notice for the EPDP and draft permit occurred in May 2017. The city is currently awaiting the final renewed permit.

The SWMP is organized and structured in eight (8) MCMs, or Elements:

MCM/Element 1: MS4 Maintenance Activities

MCM/Element 2: Post Construction Stormwater Control Measures

MCM/Element 3: Illicit Discharge Detection and Elimination

MCM/Element 4: Pollution Prevention and Good Housekeeping

MCM/Element 5: Industrial and High-Risk Runoff

MCM/Element 6: Construction Site Stormwater Runoff

MCM/Element 7: Public Education, Outreach, Involvement and Participation

MCM/Element 8: Monitoring, Evaluation and Reporting

The report generally follows the format set forth in Section IV.C of the permit, with the exception of placing maps and data into the appendices and including the program information (Section IV.C.4) as report sections that immediately follow the program/MCM descriptions. This was done to enhance readability of the report, and solely reflects the large volumes of data/information requested for a relatively large MS4 permit area.

In accordance with Section IV.C.3 of the permit, for each MCM/Element, there is a brief discussion of the status of implementing the SWMP, and related compliance schedules, along with any proposed changes to the SWMP for the following permit year, and where applicable, a summary describing the number and nature of enforcement actions.

The implementation status for each of the eight (8) SWMP MCMs is presented in a summary table that outlines performance for each of the Best Management Practices (BMPs) outlined in the SWMP. Those BMPs that also form a part of the interim Bacteria Reduction Plan are shaded in green, to illustrate how these measures have been incorporated into the SWMP, and to show implementation status for these measures.

***MCM / Element 1-
MS4 Maintenance***

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A. MCM 1: MS4 Maintenance Activities

This section describes the City's measures to fulfill the permit requirements relative to structural controls, floatables, and roadway maintenance activities to prevent stormwater pollution to the Maximum Extent Practicable (MEP). At present, the City manages a storm drainage system that drains 385 square miles located within five different counties. The City's MS4 infrastructure system includes at least:

- 67,000 Inlets
- 1,800 miles Storm Sewers
- 19,900 feet (3.7 miles) Pressure Sewers
- 9 Street Pump Stations
- 33 miles Levees
- 13 Levee Sump areas with 10 Pump Stations
- 137 Inline Stormwater Interceptors
- 223 Retention/Detention Ponds and Lakes
- 11,000 Drainage outfalls
- 180 miles Creeks and Channels

Status of Implementing the SWMP: All measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule, and are functioning as intended to prevent the discharge of pollutants to the MS4 to the maximum extent practicable (MEP). A description of program activities related to Post Construction Controls and Flood Control Projects follows. Table A-1 at the end of this section provides a summary of activities completed during the reporting period.

Proposed Changes to the SWMP for the next Reporting Year: The City has reviewed the BMPs within this MCM for effectiveness; there are no changes to the SWMP proposed at this time.

- **Number and Nature of Enforcement Activities:** Not applicable.

A (1) Structural Controls

The City implements structural controls in compliance with the following Permit requirement: *"to the MEP, the permittee shall operate and maintain the MS4, including any stormwater structural controls, in such a manner as to reduce erosion and the discharge of pollutants."* [Part III.B.2. a. i of TPDES Permit No. WQ0004396000]. Structural controls within the MS4 that are owned, operated and maintained by the City include the conveyances (creeks and channels) in addition to the engineered control systems: drainage inlets and piping systems, culverts, sumps with pump stations and trash racks, detention and retention ponds, litter booms, in-line stormwater interceptor structures, and the Trinity River levees.

A (1) a - Conveyance System Repair and Maintenance

Regular inspections, maintenance and repair of inlets, pump stations, pipes, and culverts can prevent blockages, reduce flooding and reduce pollution to the MS4. Inspections are conducted through closed circuit televising (CCTV). The City uses a tiered maintenance approach to prioritize cleaning and repair activities and takes opportunities to incorporate water quality improvement measures into day-to-day maintenance activities.

Inlet System Inspections and Maintenance: The City's inlet inspection program evaluates inlet condition; estimates percentage of inlet box debris fill and geo-locates new inlets that are not identified with a unique identifier in the geographic information system (GIS) database. Inlets requiring maintenance or repair service are entered into the City's Customer Response Management System (CRMS) database for repair or debris removal. Geo-located inlets and other new features are updated to the Stormwater Information Management (SWIMs) GIS database.

- **Inlet Inspections:** The inlet inventory is tracked through a Spatial Data Engine (SDE) with ArcGIS 10.x software. Using a unique identifier assigned by Lucity in SDE, the City tracks the number and location of inlets inspected each year and documents the information in the asset management software. The City inspected **22,991** inlets during the reporting period.
- **Inlet Cleaning Activities and Debris Removal:** The City cleaned **7,149** inlets and repaired **86** damaged inlets during the reporting period. Inlet cleaning activities included removing debris, rinsing inlet boxes, vacuuming debris, and when necessary, jet vacuuming the inlet boxes and adjacent pipes to remove debris.
- **Inlet Protection Device Activities and Debris Removal:** As a part of the floatables program to prevent trash and floatables from entering the MS4, the City has installed inlet protection devices in heavy traffic areas such as The Dallas Zoo. The City maintains on average **50** inlet protection devices at the Zoo. The inlet protection devices are inspected quarterly and repaired or replaced as needed. City staff conducted six hundred (**600**) inlet inspections at the Dallas Zoo, **86** repairs or replacements of inlet protection devices were required at City facilities.

Gravity Storm Sewer Maintenance: The storm drain system needs routine cleaning and repair to reduce the amount of pollutants, trash and debris entering water bodies, and to prevent and remove clogs that may cause a storm drain to overflow. The City inspects drainage pipes each year to schedule necessary cleaning and repairs. The implementation activities for storm drain cleaning include:

- Inspecting underground storm drain piping with remote cameras;
- Recording the damaged areas;
- Scheduling system maintenance and repairs; and
- Removing debris.

The City inspected **187** miles of stormwater sewer drainage piping using CCTV cameras during the reporting period. The City uses the CCTV inspections to identify damaged pipes, debris blockages, and other potential problems. The CCTV inspections identified **26** damaged pipe areas that required repair.

As of September 30, 2018, **34** areas have been repaired. The City removed about **355** cubic yards of material from pressure sewers this year.

The City received **187** creek/channel maintenance requests. As of September 30, 2018, the city removed **11,108** CY of debris from creeks/channels through maintenance activities.

Pressure Sewer System Maintenance: The City inspects six **(6)** pressure sewer systems after each rain event. During the reporting period, the City performed **437** visual inspections of the **3.7-mile-long** pressure sewer system. The six **(6)** identified pressure sewers systems that are regularly maintained by the City include: Belleview, Coombs Creek, Dallas Branch, Lake Cliff, Turtle Creek and Woodall Rodgers. The results of these pressure sewer system inspections are used to prioritize maintenance. Maintenance and cleaning activities include removing debris and silt. **2,510** cubic yards of debris were removed.

Street Pump Stations Inspections and Maintenance: The City monitors nine street sump locations on a weekly basis. During the reporting period, the City performed **488** visual street sump inspections. The nine identified street sumps that are regularly maintained by the City include: Bexar, Farmers Market at Central, Farmers Market at Pearl, Hi-Line, Lamar, and Municipal at Budd, Reunion Avenue, Second Avenue, and the Cole Park Vault. The results of these street pump station inspections have been used to prioritize maintenance. Maintenance and cleaning activities included removing debris and silt from the wet wells using a vacuum truck. During the reporting period, records indicate that **35** cleaning/ repair events were completed.

During the reporting period, a total of **8,402** cubic yards of debris was removed from inlets, culverts, storm drainage pipes, pressure sewers and street pump stations.

A (1) b - Water Quality Structures

The City currently maintains stormwater sumps, levees, storm drain inlets, detention and retention ponds, creeks, and drainage channels in the permit area. Routine or scheduled inspections and maintenance of these water quality structures reduces repairs, pests, flooding, and pollutants.

Levee/Dallas Floodway Inspections and Maintenance: The City maintains ten pump stations and thirteen **(13)** sump areas along the 33-mile long Trinity River levee system. Maintenance activities include:

- Visually inspecting each of the thirteen identified sump areas, including pump stations and trash racks, monthly and after each significant storm event;
- Cleaning trash racks after rain events, as needed;
- Cleaning the sumps by removing litter, mowing, and managing vegetation to ensure adequate access to the appropriate structures of the ponds; and
- Excavating sediment and periodically removing woody debris that clogs the structures.

Pump Station and Sump Inspections: The City regularly maintains the following pump stations, and their adjacent sumps: Able (large and small), Old/New Baker, Charlie, Delta, Old/New Hampton, Pavaho, and

Rochester. Program activities also include maintaining three additional sump areas: Eagle Ford, Frances Street, and Trinity Portland/ Nobles Branch.

The City monitors the sumps on a regularly scheduled basis, and after each rain event. During the reporting period, **978** trash rack inspections were conducted. The results of these sump inspections have been used to prioritize maintenance and capital programs.

Sump area maintenance and cleaning activities included de-silting pilot channels, mowing, providing sump rehabilitation, removing drift and illegally dumped materials, and cleaning trash rack grates. The City staff performed **488** street pump station inspections during the reporting period. A total of **12,042** cubic yards of debris and silt were removed from the sump areas.

Levee Maintenance Activities: The City visually inspects the levee system at least monthly, and conducts erosion repairs as needed. Other maintenance activities included mowing, litter removal, vegetation management and maintaining levee access. The City conducted **63** levee inspections, completed **19** erosion repairs, mowed **21,496** acres, and removed **9,442** cubic yards of litter and vegetative debris.

Retention and Detention Facility Inspections and Maintenance: During the reporting period, the City maintained flood control capacity and water quality for **13** regional detention/retention ponds. A total of **112** inspections were performed at these facilities during the reporting period. City staff performed regular maintenance inspections on these ponds and basins. The basins are visually inspected using a checklist to identify potential maintenance issues such as trash or debris build-up, erosion, water quality concerns, odor, and excessive sedimentation. The City performed routine maintenance activities for each of the detention/retention areas including de-silting, debris removal, and mowing. Detention/retention pond maintenance activities included removing **638** cubic yards of debris and silt and periodic mowing.

Creeks and Drainage Channels: The City responds to complaints concerning the illegal disposal of materials that could potentially degrade the water quality in creeks and channels. During this reporting period, the City removed debris blockages from earthen creeks, bridges, and concrete-lined channels. The City received **187** creek/culvert blockage requests in creeks and channels. Through response to these requests, the City removed a total of **11,108** cubic yards of debris.

Fish Kill Response: The City also responds to fish kills that can occur with abrupt changes in temperature, long hot dry periods, and other system disturbances. Each incident response includes an evaluation of the condition of the recovered fish, the number type and size of fish, local water quality, and an investigation of channel and drainage conditions in- and around the site where the dead fish were identified. All incidents of fish mortalities are reported to Texas Parks and Wildlife (TPWD) and the TCEQ. City staff investigated nine (**9**) fish kills during this reporting period. Six (**6**) fish kills with more than 50 identified mortalities were reported. Table 1-A.1 includes a summary of fish-kills that the City responded to during the reporting period.

Table 1 - A.1 Fish Kill Responses			
Watershed	Address	Initial Response Date	# of Fish Mortalities
Headwaters Turtle Creek	Harry Hines Blvd & Inwood Rd	12/21/2017	60
	Reunion Blvd and Regency Hotel St.	3/22/2018	185
	Sylvan Ave & Irving Blvd	8/10/2018	18
City of Dallas-White Rock Creek	3000 Rochester St	6/30/2018	287
	4202 De Lee St.	8/18/2018	2
Turtle Creek-Trinity River	Gulden Ln & Singleton Blvd	7/23/2018	232
Floyd Branch-White Rock Creek	6328 Pineview Rd	7/31/2018	51
Five Mile Creek-Trinity River	4650 Great Trinity Forest Way	9/4/2018	13
	800 Sargent Rd	9/6/2018	3,500

Stormwater Interceptor Program: Stormwater interceptors remove captured materials and floatables from the storm drainage system. Regularly inspecting, maintaining and cleaning the in-line stormwater interceptors prevents system failure, backup, vectors, overflow, odors and other biochemical reactions from occurring. The City inspects and maintains **137** in-line stormwater interceptors that serve City facilities. Interceptor maintenance activities include periodic inspections and cleanings. In the reporting period, the City conducted **1,629** inspections, completed **667** cleaning events and removed approximately **91,872** gallons of stormwater runoff containing debris from the interceptors as calculated from truck pumping records.

A (2) Floatables

The City uses a variety of activities to: *“reduce the discharge of floatables (e.g., litter and other human generated solid refuse) into the MS4. The permittee shall include source controls and, where necessary, structural controls and other appropriate controls where necessary [Part III.B.2.a.ii of TPDES Permit No. WQ0004396000].”* Floatables form the most visible indication of man-made pollution to surface water, and are normally referred to as litter. The City has implemented an aggressive multi-faceted floatables program: In addition to structural controls such as inlets and trash racks, the City also uses litter booms, special event litter protection, and litter abatement programs to reduce the discharge of floatables into the MS4. These measures augment an aggressive regional media campaign that is a part of the Public Education, and Outreach program (MCM 7).

A (2) a - Litter Booms

The City maintains, monitors, and cleans three (3) litter booms, one each at Bachman Lake, Williamson Branch Creek at White Rock Lake, and at Lake Cliff Park. Monthly monitoring, routine inspections, and regular maintenance (twice per year at a minimum) and cleaning of the litter booms prevent debris from entering the MS4. Each site includes a litter boom that floats at or near the water surface and extends across the width of the creek to trap floating materials. The City regularly monitors the condition of each boom. As needed, each site is cleaned when the areas adjacent to the booms allow equipment access without damaging the adjacent shoreline. Activities under this SCM include monitoring, removing debris, and assessing the types and volume of debris collected.

- **Bachman Greenbelt near Bachman Lake** is located near 3700 Northwest Highway at Lemmon Avenue, about 100 feet from the neighborhood outfall and 2.0 miles from the dam for the lake. There is a large park surrounding this lake, with several picnic and barbeque areas. Park Department records indicate that the litter boom diverted about **19** cubic yards of debris from entering the lake.
- **Williamson Branch at White Rock Lake:** The litter boom is located near 3800 West Lawther Drive on Williamson Branch, just upstream of White Rock Lake. The two main sources of litter and debris identified for White Rock Lake were rain events and public events held at the Lake. Public events at White Rock Lake include holiday picnicking, athletic events and fun runs. City staff performs the cleanups after these events. A deposit charged for public events at the lake promotes proper disposal of trash. The City promotes the reduction of illicit discharges and improper disposal at parks using campaigns that target the specific age groups and organizations that use the park facilities most. During the reporting period, the litter boom at Williamson Branch diverted **66** cubic yards of debris from entering White Rock Lake.
- **Lake Cliff Park in Oak Cliff:** A litter boom is also placed at Lake Cliff Park in Oak Cliff, near 300 E. Colorado Boulevard. The boom at Lake Cliff Park captures litter, debris and other floatables from vegetation, and from weekend activities at the park. The litter boom is located at the northwest corner of the Lake and prevented **80** cubic yards of debris from entering the Trinity River.

It should be noted that the Park Department sponsors volunteer-park cleanup events that are focused on cleaning litter, brush and other floatables from the parks near water to prevent these materials from entering into the adjacent waterways. The City of Dallas' Park department hosted "It's My Park Day" on April 21, 2018 and November 3, 2018 in an effort to get citizens out into their local parks to beautify them. **1,723** individuals from families, homeowners' associations, sports clubs, civic groups, environmental coalitions, and churches participated in these events. In addition, volunteer groups such as For the Love of the Lake also conduct regular shoreline cleanups of White Rock Lake, which contribute to the reduction of floatables reaching White Rock Lake.



Figure 1-1 Lake Cliff Park Litter Boom

Table 1-A.2, summarizes the number of inspection and maintenance activities conducted and the associated volume of floatable debris removed during the reporting period.

Table 1-A.2 Litter Boom Activities		
Location	Number of Inspections & Maintenance Events	Volume of Debris Removed (Trash, Logs, and Leaves)
Lake Cliff Park in Oak Cliff	253	80 cubic yards
Williamson Branch Creek at White Rock Lake	390	66 cubic yards
Bachman Greenbelt near Bachman Lake	30	19 cubic yards
TOTALS:	673	165 cubic yards

A (2) b - Special Event Floatables Protection

The City initiated a program to provide floatables protection for parades and other special events with high levels of anticipated pedestrian activity, and associated litter. During PY7, special events with floatables protection included two Sidewalk Painting events. One at the Beckley Saner Recreation Center and the other was in partnership with the Buckner Terrace Association. The City also used floatable event protection at the St. Patty's Day celebration in Lower Greenville Avenue.

The special events litter mitigation effort includes marking the inlets in the vicinity of the event to raise awareness of litter prevention. Immediately preceding the event, bio-logs (filter "socks") are placed against the length of the inlets along the route. Following the event and subsequent street sweeping, the inlet protection is removed and stored for another occasion.

A (2) c - Litter Abatement

The City has implemented a fairly robust local and regional litter abatement program, through focused local clean-ups, public/private partnerships, working with non-governmental organizations, benchmarking of progress, and a regional anti-litter campaign.

- **United by Blue Cleanup:** During the reporting period, the City partnered with United by Blue, where **200** volunteers removed 15,000 pounds of trash and debris from Trinity Forest Trails.
- **Operation Beautification – Focused Neighborhood Cleanups:** The City launched "Operation Beautification" in May 2012, and continued the program in PY7. This program focuses on working with local neighborhood groups to facilitate stewardship and cleanup of areas with chronic litter

complaints. Geographic Information System (GIS) mapping of litter complaints from the CRMS system was used to prioritize areas for cleanup. City staff identified local groups to take the lead on these City-wide cleanup efforts in Spring 2018 and in Fall 2018. Eighty-two **(82)** community groups participated in the Spring event and sixty-nine **(69)** groups participated in the Fall event. Volunteers picked up about **24** tons of litter and debris during these efforts.



Figure1-2 City Employee educating volunteers on Operation Beautification

- The City has also partnered with the Tarrant Regional Water District (TRWD), as well as the Cities of Fort Worth, Arlington, and Denton to implement a comprehensive regional media campaign to “reverse litter”. The campaign began October 2012, and focuses on transition spots such as bus stops and other areas with significant pedestrian activity. Messages are placed on kiosks and buses media as well as radio, print publications, and television. The Reverse Litter campaign included **(510)** spots that aired on **(1093)** radio stations, **(66)** print ads in three **(3)** publications, **(1586)** television ads on

seven (9) television stations, (2.9) million ads on fourteen (14) Dallas billboards, and online banners, streaming banner, and tile ads on websites.

- **Litter Task Force-** According to Keep America Beautiful, litter cleanup costs in the United States are estimated at \$11.5 billion USD. In addition to direct costs of litter abatement, are indirect costs include: litter abatement, diminished property values, personal health, and injury to wildlife and aquatic life. Litter also negatively effects water quality as it enters our stormwater system, local rivers, creeks, and streams. As part of the City's effort to address litter, the Office of Environmental Quality and Sustainability spearheaded the formation of a City-Wide Litter Task Force. The purpose of the Litter Task Force is to establish an internal forum where City departments conducting litter abatement operations can coordinate community outreach, volunteer cleanups, identify effective enforcement strategies, and explore sustainable litter reduction strategies. One of the major goals is to streamline City litter abatement programs into a "one-stop shop" and increase awareness of City initiatives to employees, private citizens, homeowner's associations, local corporations and businesses. Goals accomplished in PY7 included, hiring a consultant firm to conduct a City-wide Litter and Illegal Dumping Study, funding the Planning and Neighborhood Vitality Green Neighborhood Initiative Program (GNIP), and designing/purchasing reusable bags.

- **A (3) Roadways**

This section summarizes the City's activities that address the Roadways' permit requirement to: *"operate and maintain public streets, roads, and highways to minimize the discharge of pollutants, including pollutants related to deicing or sanding activities"* [Part III.B.2.a.iii of TPDES Permit No. WQ0004396000]. A regular program of efficient and effective roadway maintenance contributes to limiting the discharge of pollutants to the MS4. Street sweeping can be used to limit particulate dust, floatables, sediment and other pollutants from entering into the MS4. Street sweeping can also help limit the volume of litter, bacteria leaf and yard wastes that are washed into the storm drains. Winter sweeping is used to address the residuals from deicing activities.

A (3) a - Street Sweeping

The City prioritizes sweeping in high vehicular use areas, higher pedestrian traffic areas downtown, and City- owned parking lots. The City's road maintenance program includes street sweeping for 234 miles of designated prime network roads on a monthly basis, and sweeping within the Central Business District five nights a week. Other sweeping events are conducted as-needed to address inclement weather or customer service requests. The City swept a total of **27,403** gutter miles of prime network roads during the reporting period removing **4,080** cubic yards of material from the prime network roads, and **4,405**

cubic yards of debris from Central Business District streets. This prevented a total of **8,485** cubic yards of debris from entering the storm drains, and removed any bacteria present along the gutter ways.

A (3) b - Deicing

The City experienced two **(2)** weather events during the permit reporting period that resulted in the deployment of deicing material. Post ice events, streets were swept in accordance with procedure and permit requirements.

A (3) c - Road and Bridge Maintenance Program

The City's Public Works Department manages the road and bridge maintenance activities and associated best management practices (BMPs). This department is an ISO 9001-Quality Management System-registered organization that practices repeatable and consistent processes to complete all work activities. Public Works has a work process flow that requires the systematic completion of daily activities for each road and bridge maintenance project including completing the BMPs assigned to each project's maintenance activity. For road and bridge maintenance projects completed during the reporting period, **533** inlets were protected during the permit year.

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
A (1) Structural Controls			
A (1) a - Conveyance System Repair and Maintenance			
<i>Gravity Storm Sewer System Maintenance</i>			
1. Inspect underground gravity storm drainage piping through CCTV televiewing.	Miles of pipe inspected	Permit Year (PY) PY1 – PY5	187 miles of storm sewer inspected
2. Record the damaged storm drain piping areas and schedule maintenance.	# of pipe areas scheduled for maintenance	PY1 – PY5	26 areas identified for maintenance
	# of repairs completed	PY1 – PY5	34 repairs completed
3. Remove debris from storm drain system.	Volume of debris removed in CY	PY1 – PY5	8,402 cubic yards of debris removed from inlets, storm sewers, culverts, pressure storm sewers and street pump stations
4. Investigate roadside ditches and culverts through service requests	# of ditch and culvert maintenance requests	PY1 – PY5	123 ditch and culvert maintenance requests received
5. Repair and maintain City-owned roadway culverts	# number and type of roadway culverts repaired	PY1 – PY5	129 culvert/storm sewer repairs completed
	# of culvert replacements	PY1 – PY5	No culverts required replacement

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
	Volume of debris removed in CY	PY1 – PY5	<i>Included in A.1.a.3 Storm Drain system debris removal</i>
Pressure Sewer System Maintenance			
1. Inspect 6 pressure sewer systems including pump station & outfall at least twice per year	# of pressure sewer system inspections	PY1 – PY5	437 pressure sewer system inspections conducted
2. Maintain pressure sewer system	# of maintenance activities performed	PY1 – PY5	3 pressure sewer repairs completed
	Volume of debris removed in CY	PY1 – PY5	2,510 CY of debris removed
3. Inspect 9 street pump stations, including pump station & outfall at least twice per year	# of Street Pump Station inspections	PY1 – PY5	488 street pump station inspections conducted
4. Maintain street pump stations	# of cleaning & repair activities performed	PY1 – PY5	35 cleaning or repairs completed
	Volume of debris removed in CY	PY1 – PY5	<i>Included in A.1.a.3 Storm Drain system debris removal</i>

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
A (1) b - Water Quality Structures			
<i>Levee/Dallas Floodway Inspections & Maintenance</i>			
1. Maintain thirteen (13) identified sump areas by: a) Visually inspecting each sump area, including pump stations and trash racks, at least twice a year;	Sump inspections performed	Permit Year (PY) PY1 – PY5	488 sump /pump station inspections conducted
b) Cleaning trash racks after rain events, as needed;	# of trash rack inspections/pump station	PY1 – PY5	978 pump station trash rack inspections
	Volume of debris removed from trash racks in CY	PY1 – PY5	<i>Included in sump/pump station volume</i>
c) Cleaning the sumps by de-silting, removing litter and woody debris, mowing, managing vegetation to ensure access to structures, and excavating sediments, as needed.	# of maintenance activities per sump	PY1 – PY5	144 sump cleaning events
	Area cleared and types of vegetative management performed	PY1 – PY5	21,496 acres mowed
	Volume of materials removed during maintenance activities in CY	PY1 – PY5	9,442 cubic yards of debris removed

Table A-1
Summary of Performance: MCM 1- MS4 Maintenance Activities

Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
2. Maintain levees by:			
a) Visually inspecting each levee at least twelve times	# of visual inspections conducted (entire length)	Permit Year (PY) PY1 – PY5	63 visual levee/floodway inspections conducted
b) Conducting erosion repair, as needed	# of erosion repairs by levee	PY1 – PY5	19 erosion repairs completed
c) Removing litter, mowing, managing vegetation, and maintaining levee access as needed	# of acres mowed (entire system)	PY1 – PY5	<i># of acres included with Levee maintenance in 1(c)</i>
	Volume of litter and debris removed in CY	PY1 – PY5	9,442 CY Volume of litter and debris removed
<i>Inlet System Inspections & Maintenance</i>			
1. Conduct 12,000 inlet inspections within the City's jurisdiction	Types and locations of inlets inspected	PY1 – PY5	14,051 inlets inspected
2. Clean and repair inlets as necessary. Inlet cleaning and repair activities include:	Number, type, and locations of inlets cleaned	PY1 – PY5	7,149 inlets cleaned
a) Cleaning inlets by removing material(s)	Volume of material removed from inlets in CY	PY1 – PY5	<i>Included in A.1.a.3 Storm Drain system debris removal</i>
b) Repairing damaged inlets	Number, type(s) and locations of inlets repaired	PY1 – PY5	86 inlets repaired
3. Inspect inlet protection devices at City-owned facilities	# of devices inspected	PY1 – PY5	50 inlet protection devices inspected at the Dallas Zoo quarterly
	# Repairs/device replacements completed	PY1 – PY5	# devices required repair/replacement

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
	# New devices installed	PY1 – PY5	24 new inlet protection devices were installed
	Volume of material removed from inlet protection devices	PY1 – PY5	<i>Included in A.1.a.3 Storm Drain system debris removal</i>
<i>Retention/Detention Facility Inspections & Maintenance</i>			
1. Inspect at least ten (10) City-owned retention/detention ponds per year and each pond at least once during the permit term.	# of Ponds inspected	Permit Year (PY) PY1 – PY5	112 pond inspections conducted on 13 ponds
2. Maintain the flood control capacity and water quality efficacy of City-owned detention/retention ponds.	Number and type of pond maintenance activities performed (de-silting, litter removal, etc.)	PY1 – PY5	25 mowing activities
	Volume of materials removed in CY	PY1 – PY5	638 cubic yards of debris removed

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
<i>Creek/Channel Maintenance</i>			
1. Respond to creek and channel maintenance requests	Number and type(s) and creek and channel maintenance requests	PY1 – PY5	187 service requests
2. Maintain the flood control capacity and water quality efficacy of City-owned creeks and channels	Number of locations with dredging/ de-silting performed	PY1 – PY5	187 creek/channel maintenance requests completed
	Miles of channel with vegetated buffer management	PY1 – PY5	128 miles of vegetative buffer management along creeks and channels
	Volume of materials removed from City-owned waterways in CY	PY1 – PY5	11,108 cubic yards of debris removed
3. Respond to service requests related to surface water quality	Number, Type(s) and locations of water-quality related response activities performed	Permit Year (PY) PY1 – PY5	City responded to 143 water pollution service requests
4. Investigate cause and effect for service requests related to Fish Kills	Number of Fish-kill investigations performed	PY1 – PY5	9 investigations
	Number of reported Fish-kills with more than 50 identified fish/wildlife mortalities	PY1 – PY5	6 reportable fish-kill events (All mortalities also reported)

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
<i>Stormwater Interceptor Program</i>			
1. Inspect the City-owned in-line stormwater interceptors.	# of Interceptor inspections performed	PY1 – PY5	1,629 interceptor inspections conducted
2. Clean the City-owned in-line stormwater interceptors.	# of Cleaning events performed	PY1 – PY5	667 interceptor cleanings
	Volume of material removed in CY	PY1 – PY5	91,872 gallons of stormwater runoff containing debris was removed
3. Update inventory of the City-owned in-line stormwater interceptors.	# of Interceptors added to City system	PY1 – PY5	No stormwater interceptors were added to the system
A (2) Floatables			
<i>A (2) a - Litter Booms</i>			
1. Inspect litter booms for trapped materials, at least two (2) times per year.	# of Litter boom inspections performed	Permit Year (PY) PY1 – PY5	673 Litter boom inspections conducted
2. Remove, dispose, and recycle if possible, collected materials.	Volume of floatables collected and disposed in CY	PY1 – PY5	165 cubic yards of debris removed
<i>A (2) b - Special Events Floatable Protection</i>			
	# of events where litter intervention is provided	PY1 – PY5	3 events utilized litter intervention inlet protection

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
1. Prevent floatables from entering the storm drainage system during special events	# of inlets protected	PY1 – PY5	46 inlets were protected
	Volume of debris from related street cleaning/disposal in CY	PY1 – PY5	Estimated at 5,138 CY of litter/debris
<i>A (2) c - Litter Abatement</i>			
1. Perform a bi-annual review of the City litter/floatables program, and identify any necessary opportunities for improvement	# of reviews, and recommendations made	Permit Years 1, 3 and 5	No activities required in PY7

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
2. Participate in local and regional litter abatement programs (e.g., TREES, Keep Dallas Beautiful, Trinity Trash Bash, etc.)	# of events participated in by City staff	PY1 – PY5	Fourteen (14) events: • Student Veterans of America Service Day • Bank of America • HDR Planning and Cleanup • City Year Americorps • City Year Americorps • Big Event • Beck Technology • Sabrina Smid & Friends • AMLI Residential • CECO Environmental • Southwest Airlines • AC & Residence Inn • Remy Cointreau • November Project
3. Retrieve Litter and floatables litter abatement activities	Volume of Debris collected in tons	PY1 – PY5	Approximately 22.4 tons of litter removed at TWM litter abatement events. Operation Beautification removed 24 tons of trash

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
A (3) Roadways			
<i>A (3) a - Street Sweeping</i>			
1. Sweep the prime network roads twelve (12) times per year.	Total gutter miles of prime network roads swept	Permit Year (PY) PY1 – PY5	27,403 miles of prime network roads swept
	Volume of debris collected from prime network roads in CY	PY1 – PY5	4,080 cubic yards of debris removed from prime network roads
2. Sweep the Central Business District five times a week and other areas, as needed.	Total gutter miles swept in the Central Business District and other areas	PY1 – PY5	20,480 Central Business District gutter miles swept 5 times per week
	Volume of debris collected from the Central Business District and other areas in CY	PY1 – PY5	4,405 cubic yards of debris removed from Central Business District roads
3. Evaluate the efficacy of the street sweeping program.	Program evaluation completed.	Permit Years 1, 3 and 5	No activities required in PY7

Table A-1 Summary of Performance: MCM 1- MS4 Maintenance Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 through Sept. 30, 2018)
<i>A (3) b – Deicing</i>			
1. Sweep the streets where deicing materials have been applied to icy patches.	# of icing events	Permit Year (PY) PY1 – PY5	2 icing events in PY7
	Total gutter miles treated	PY1 – PY5	28 gutter miles treated
	Total treated gutter miles swept	PY1 – PY5	Treated miles swept as part of routine sweeping program
2. Evaluate the effectiveness of innovative deicing techniques	Program evaluation completed	Permit Years 1, 3 and 5	N/A
<i>A (3) c - Road and Bridge Maintenance Program</i>			
1. Incorporate temporary or permanent SCMs to reduce pollutants from routine maintenance activities for roads and bridges: a. Temporary inlet protection b. Erosion control measures (e.g., silt fence, re-vegetative measures, soil stabilizing matting, etc.), c. Rock berms or check dams, d. Stabilized construction entrances, and/or e. Work area dewatering	Number, type and location of SCMs implemented	PY1 – PY5	533 inlets were protected during the reporting period.

***MCM / Element 2 -
Post Construction
Stormwater Control
Measures***

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B. MCM 2: Post - Construction Stormwater Control Measures

This section describes the City's measures to implement: *"a comprehensive master planning process (or equivalent) to develop, implement, and enforce controls to minimize the discharge of pollutants from areas of new development and significant redevelopment after construction is completed. The goals of such controls shall include: a. New development - limiting increases in the discharge of pollutants in storm water as a result of development; and b. Redevelopment – reducing discharges of pollutants in storm water [Part III.B.2.b.i-iii of TPDES Permit No. WQ0004396000]."*

This element also includes *"evaluation of flood control projects with respect to potential impacts to receiving waters", and "the design, construction and maintenance of new flood control structures to provide erosion prevention and pollutant removal from stormwater" [Part III.B.2.b.iv of TPDES Permit No. WQ0004396000].*

The activities under this element include implementing an Integrated Stormwater Management (iSWM) planning and design process, evaluating flood control projects for water quality opportunities, and evaluating performance of low-impact development (LID) and green infrastructure controls to mimic pre-development hydrologic response, and/or provide passive water quality treatment.

- **Status of Implementing the SWMP:** Two metrics in this MCM are behind schedule:
 1. The expansion of City iSWM program to apply to all sites greater than one acre in size (see Table B-1, "B (1) a- Implement iSWM into Local Design Practices") and,
 2. The correlation of Water Quality data with Post-Construction Controls (see Table B-1, "B (1) b Implementation and Performance of Structural/Non-structural Controls").

Aside from these two metrics, all measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule and are functioning as intended to prevent the discharge of pollutants to the MS4 to the MEP. A description of program activities related to Post Construction Controls and Flood Control Projects follows. Table B-1 at the end of this section provides a summary of activities completed during the reporting period.

- **Proposed Changes to the SWMP for the next Reporting Year:** There are no changes to the SWMP proposed at this time.
- **Number and Nature of Enforcement Activities:** Not applicable.

B (1) Areas of Development and Significant Re-Development

Stormwater discharges from new development and redevelopment sites have the potential to degrade water quality from soil disturbance associated with construction, or from increased runoff resulting from an increase in impervious surface cover. Stormwater control measures addressing post-construction discharges incorporate several different approaches to maintain and/or improve water quality.

Related new development and significant development activities include continuing implementation of the integrated Stormwater Management (iSWM) planning and design process and other sustainable design methods.

B (1) a - *Implement Comprehensive Master Planning Process for New and Redevelopment Projects*

The City continues working towards full implementation of a Comprehensive Master Planning Process for new development and significant redevelopment projects on several different fronts that are all consistent with the Dallas Common Vision Plan. A summary of the status of these efforts follows:

- **Dallas Urban Design Initiative:** In the Fall of 2015, the City began the Dallas Urban Design Initiative, as a concerted effort by several Departments to update the Development standards, related Codes, the Standard Paving and Drainage Design Manuals, and Construction Details to be more consistent with current Urban Design philosophy, and to incorporate the feedback obtained from several local Planning and Design contests/forums focused on improving sustainable design in Dallas. Both the Paving and Design Manuals have not been updated since the early 1990's; both manuals are being updated to include current paving and drainage methods, and to *integrate* the principles of iSWM, Complete Streets, and other sustainable design concepts into the standard design process. Completion is expected during fiscal year 2018-19.
- **Integrated Stormwater Management (iSWM):** The City continued the design and construction of projects utilizing iSWM elements. Currently **26** City projects incorporate iSWM. These **26** projects are in various stages of planning, design and construction. See Table 1-B.1 iSWM/Complete Streets Project Status.

Table 1-B.1 ISWM/Complete Street Project Status		
Project	iSWM Elements	Project Status, PY7
Cedar Crest Bridge	Permeable paving walkway near trail head area, vegetated retention swale	Complete
Elm St	25 Rain gardens and permeable paving in the sidewalks near the street trees	Complete
Crowdus and Indiana	Rain gardens	Complete
Sylvan from IH30 to Fort Worth	Permeable median/parkways	Complete
Mingo St	Run off filtered thru rock berm or other media to filter, dissipate flow and energy	Design
Canada Drive	Bio-swailes	Design
Elam Rd	Curbless, natural and manmade drainage swales, possible rain garden in center of cul-de-sac	Complete
Beckley Commerce	Rain gardens	Substantially Complete
Riverfront Phase 2	Median bio-swailes	Design
Canyon Blvd.	Permeable pavers, vegetated retention swale, tree planter boxes	Complete
Greenville Ave Phase 2	Permeable/landscaped areas in parkway	Complete
S. Lamar	Bio-swailes	Construction
Bishop Ave Phase 3 (8th St. to Jefferson)	Landscaped areas in parkway	Construction
West Dallas Gateway	TBD	Design
Beall from Dolphin to dead-end	Bio-swailes	Design
Mingo from Dolphin to dead-end	Bio-swailes	Design
Woodmeadow from La Prada to End	Rain Gardens	Design
Cedar Springs: Douglas to Oak Lawn	Landscaped areas in parkway/tree planting	Design
Knox: Katy Trail to US 75	TBD	Design
Henderson from US 75 to Ross	Rain gardens	Design
Davis Street from Beckley to Hampton	Tree wells with permeable pavers	Design
Sylvan from Fort Worth to Singleton	Tree planting in median and parkway	Construction
Meadowcreek Drive from Arapaho to Campbell	TBD	Design
Tyler/Polk roundabouts	Native grasses	Design
Walnut Hill from Malibu to Elm Fork soccer complex	Median bio-swailes	Complete
Highland Road	Bio-swailes, rain gardens, and permeable pavers in parking lot	Design

- **Complete Streets Initiative:** The City has implemented the Complete Streets Manual, incorporating higher density land uses, multi-modes of transportation, and stormwater quality enhancement measures into the standardized roadway design template. The Manual was first implemented in April 2015 and is being used as a basis to guide the development of updated Paving and Drainage Manuals. This guidance has been required for use for the design of several capital construction projects from the Cities' 2012 Municipal Bond Program (See Table 1-B.1) and is being required for consideration for projects in the 2017 Capital Bond Program.

B (1) b - Implementation and Performance of Structural/Non-structural Controls

Structural and non-structural controls associated with low-impact development are typically intended to provide both direct and indirect benefits to the water quality of the receiving water body. However, because many of these measures are relatively new, performance has not been fully assessed with respect to effectiveness in improving local water quality. The low impact development (LID) design elements and green infrastructure controls at City facilities will be tracked by type, and location. In addition, the number, location, size and land use types of new development and redevelopment projects using these measures will also be tracked. These data will be correlated with subwatershed monitoring data to allow evaluation of performance by control type, land use and location.

The City has mandated that structural and non-structural controls as outlined in the iSWM/Complete Streets design guidance should be incorporated wherever practicable into the 2012 and 2017 Capital Construction Bond Projects.

Twenty-six **(26)** candidate projects from the 2012 Bond Program have been specifically identified as pilot projects for implementing Complete Streets/iSWM. The effectiveness of these measures can be assessed through this pilot program, along with relative considerations for ongoing operation and maintenance. Table 1-B.1 above provides the status of current projects that are incorporating structural/ non-structural controls through iSWM/Complete Streets design methodology.

B (1) c - Dallas City Code Review and Updates

During PY7, there were no MS4-permit related Dallas City Code reviews or updates.

B (2) Evaluation of Flood Control Projects

The City evaluates short term and long-term impacts to the receiving waters for all flood control projects, including assessment of erosion potential, and integrated pollution prevention measures. Major capital improvement projects with water quality assessment during this reporting period include:

- **Baker Pump Station # 3:** In PY5, the City completed, and used the New Baker Pump Station #3 to reduce flood impacts to the people and property in the Hampton - Oak Lawn Basin. Baker #3 is an approximate 13,000-square foot building with four-175,000-gallons per minute (gpm) concrete volute pumps, and one-6,000-gpm low-flow pump. Discharge from the new pumps flows through four 84-inch diameter pipes to the existing six 10 feet by 10 feet culverts under the levee and into the Trinity River. The existing Baker Pump #2 Station operates along with the Baker No. 3 Pump Station. The Old Baker Pump #1 Station is being decommissioned and its connections to the stormwater drainage system closed.
- **Able Pump Station Improvements:** The City continued construction the Able Pump Station and sump complex to reduce flood impacts to the people and property in the Central Business District and associated public infrastructure (I-35/I-30 highway exchange). The New Able Pump Station is an approximate 10,900-square foot building with four-219,000-gpm concrete volute pumps, and two- 612,500-gpm low-flow pump. The project also includes bridge replacements to improve stormwater conveyance to the new pump station. By the end of PY7, the new Able pump station was operating at half capacity. As a result, Able #1 and Able #2 pump stations were decommissioned and demolished. The new Able station should be complete and operating at full capacity during the next permit year.
- **Dallas Water Gardens:** The Dallas Water Gardens project is a public private partnership to provide recreation and water quality improvements to the sump complex feeding the new Able Pump Station. The City is working with the North Central Texas Council of Governments, the High-Speed Rail project, and the surrounding neighborhood in the planning process. The conceptual concept of the Dallas Water Gardens includes a series of constructed wetlands, weirs, and trails. The preliminary engineering design and study began in PY7. This effort is continuing into the next Permit year.
- **Pavaho Stormwater Wetland Supplemental Environmental Project:** This constructed wetland complex provides pre-treatment of stormwater drainage from five storm sewer outfalls that discharge through the Pavaho pump station into the Trinity River. The wetland area is designed to

enhance the water quality of the stormwater entering the Pavaho sump by providing a biological filter for pollutants. During the reporting period, monthly inspections were completed on the wetland cells and pre-treatment pond, including but not limited to vegetation, wildlife, water quality and water levels. In addition, volunteers planted 3080 native grasses, wildflowers and aquatic plants, and removed approximately 6 cubic yards of trash and debris.

- **Zoo Wetlands Supplemental Environmental Project:** The Dallas Zoo Constructed Wetlands, an approximate 2-acre constructed post-treatment polishing wetlands, is designed to address runoff from the Dallas Zoo. The wetland system is comprised of three sub-systems: Sedimentation Forebay/Dynamic Storage Basin, Total Suspended Solids Removal Wetland and Tidal Flow Advanced Wetland. The wetlands have naturally occurring physical, biological and chemical processes that reduce contaminants and improve water quality. Final treatment of effluent includes filtration and UV disinfection before being released into Cedar Creek.

During PY7, final work on construction on the Zoo Wetlands was completed. The final punch list (replacement of faulty operation/monitor controls and UV sensors) was completed in September 2018. Sample ports and flow meters were installed in April 2018. In August 2018, staff were trained to operate the wetlands system.

The amended discharge permit for this facility was received from the TCEQ on September 26, 2017 (WQ0004984000) and operation of the wetland and compliance effluent monitoring commenced on October 1, 2018.

The installation of auto samplers is anticipated to occur in March 2019 and baseline sampling for the permit is anticipated to be completed in early 2019.

- **Trinity River Corridor Wetlands Projects:** Part of the Dallas Floodway Extension Project, wetlands construction for the Trinity River Corridor Project continues near downtown Dallas. These wetlands are measures to improve floodwater conveyance and provide ecosystem restoration. Another important benefit these wetland cells provide is water quality enhancement through polishing the effluent from the wetlands water supply. United States Army Corps of Engineers (USACE) continues Upper Chain of Wetland completion, vegetation installation and monitoring, along with maintenance road construction. Completion of the Operation and Maintenance Manual should take place in 2019.

Table B-1 Summary of Performance: MCM 2 - Post-Construction Stormwater Control Measures			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
B (1) Implement Comprehensive Master Planning Process for New and Redevelopment Projects			
B (1) a - Implement iSWM into Local Design Practices			
1) Participate in City and regional implementation of integrated Stormwater Management (iSWM) master planning process for new and redevelopment projects.	Number, size, type and location of projects implemented using iSWM within City limits	Permit Year (PY) PY1 – PY5	26 - projects
			14 - projects under design
			3- projects under construction
			8- completed this permit term through PY7 1-Project substantially complete
2) Expand existing City iSWM program to apply to sites greater than one acre in size	Number, size, type and location of projects implemented using iSWM within City limits	Permit Year 2	At the end of the permit term, iSWM projects are all less than 1 acre. The City has 26 projects either completed, under construction, or in design in PY7

Table B-1 (Continued)
Summary of Performance: MCM 2 - Post-Construction Stormwater Control Measures

B (1) b -Implementation and Performance of Structural /Non-structural Controls

Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
Promote the use of Low Impact Development (LID) and green infrastructure controls including, but not limited to: a) Green Roofs b) Rain harvesting systems c) Retention Ponds d) Riparian buffer systems e) Permeable pavement f) Bio-swales g) Constructed wetlands h) Other	Number, type(s) and locations of LID features implemented at City facilities	Permit Year (PY) PY1 – PY5	See Table 1-B.1
	Number, size, type(s), land use and locations of new and redevelopment projects over 1 acre	PY1 – PY5	See Table 1-B.1
<i>B (1) Implement Comprehensive Master Planning Process for New and Redevelopment Projects (Continued)</i>			
<i>B (1) c - Dallas City Code Review and Update</i>			
1) Identify changes made to Dallas City Code with regard to federal, state, and local environmental regulations and design practices.	Number and types of updates made to Dallas City Code	Permit Years (PY) 1, 3 and 5	No Code changes identified or implemented in PY7.

Table B-1 (Continued)
Summary of Performance: MCM 2 - Post-Construction Stormwater Control Measures

B (1) b -Implementation and Performance of Structural /Non-structural Controls

Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
<i>B (2) Evaluation of Flood Control Projects</i>			
1) Evaluate City capital improvement projects for flood control on a case-by-case basis to assess feasibility of incorporating stormwater controls to address water quality	# of Flood control/drainage project designs evaluated	PY1 – PY5	3 active design projects 25 Stormwater Fee funded projects in planning 61 Bond Program funded projects in planning
	# of Flood control/drainage construction projects with water quality measures initiated	PY1 – PY5	3 projects initiated
	# of Flood control/drainage construction projects with water quality measures completed	PY1 – PY5	3 projects completed
	Types and locations of measures implemented	PY1 – PY5	Erosion and velocity control measures; constructed wetlands

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***MCM/ Element 3-
Illicit Discharge Detection
& Elimination***

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C. MCM 3: Illicit Discharge Detection and Elimination

The City implements a variety of efforts to meet permit requirements to address illicit discharges: *“Illicit non-stormwater discharges to the MS4 shall be prohibited. For the purposes of this permit, the following discharges need not be addressed as illicit discharges by the permittee nor prohibited from entering the MS4: (1) Discharges regulated by a separate NPDES or TPDES permit; (2) Discharges for which an NPDES or TPDES permit application has been submitted; and (3) miscellaneous non-stormwater discharges, as described in the City’s TPDES Permit, that are not prohibited by the permittee. [Part III.B.2.c.ii-vii of TPDES Permit No. WQ0004396000].”*

The City maintains a comprehensive illicit discharge detection and elimination (IDDE) program with activities to detect and eliminate illicit discharges to the storm sewer system, and to address sanitary sewer overflows, household hazardous waste collection, citizen response, yard waste and animal wastes, and illegal dumping. The City is also continuing efforts to maintain and regularly update an accurate MS4 map that includes all MS4 outfalls, and verifies system infrastructure. These activities, combined with ongoing monitoring (Element 8) promote a proactive IDDE program.

- **Status of Implementing the SWMP:** The City is behind schedule on one activity within this MCM:
“Review Tax Records and other data sources to identify areas where additional controls may be required to prevent animal wastes from impacting the MS4” (see Table C-1, “C (2) C-Grass Clippings, Leaf Litter, and Animal Waste Management”).
All other measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule and are functioning as intended to prevent the discharge of pollutants to the MS4 to the MEP. A description of the City’s activities related to Illicit Discharges, Detection and Elimination, Overflow and infiltration, HHW, Used Oil and Toxic Fluids MS4 Screening and MS4 Mapping follows. Table C-1 at the end of this section provides a summary of activities completed during the reporting period.
- **Proposed Changes to the SWMP for the next Reporting Year:** There are no changes to the SWMP proposed at this time.

Number and Nature of Enforcement Activities: A summary of enforcement activities during this permit reporting period include:

- **Illicit Discharges:** 42 outside complaints filed for illicit discharges at Industrial facilities.

Illegal Dumping: 1,493 citations; arrested 301 persons for illegal dumping.

C (1) Illicit and Allowable Discharges

Illicit discharges, are formally defined as “any discharge to a municipal separate storm sewer that is not composed entirely of stormwater” with a few excepted discharges resulting from firefighting activities, certain water utility discharges, and discharges from TPDES/NPDES permitted sources (40 CFR 122.26(b)(2)). **Appendix A** provides a copy of Dallas City Code outlining prohibited and allowable discharges, and a list of TPDES/NPDES permitted discharges within the City’s MS4 permit area.

C (2) Detection and Elimination of Illicit Discharges (IDDE)

The Illicit discharge detection and elimination (IDDE) process is used to locate and remove prohibited discharges from entering the storm drainage system. During PY7, the City is compliant with the permit requirements concerning IDDE program implementation. The City’s IDDE program uses a combination of dry weather outfall inspections, closed circuit televising (CCTV), and storm drain system information from the asset inventory database to trace the origin of a suspected illicit discharge(s). Illicit discharges and disposal issues are investigated through a coordinated City-wide complaint response process.

C (2) a – Illicit Discharge Investigations

The City maintains a city-wide Customer Request Management System (CRMS) that provides internet and telephone (3-1-1) opportunities for citizen notification of illicit discharges or other stormwater related concerns. The City’s stormwater related public education materials encourage the public to use the 3-1-1 system to report illicit discharges. In 2017, staff began implementing a new system that utilizes Salesforce software to enhance the quality of service the City provides to residents. In 2018, the new system was fully launched.

During PY7, the City upgraded its CRMS system, to a Salesforce-based solution. The upgrade included a new mobile phone app.



The City staff responded to citizen complaints and document responses using field reports that are logged back into the CRMS system, and into the Stormwater Information Management (SWIMs) database. These databases allow assessment of the numbers and types of calls, and the locations of complaints. This data is then used to guide follow-on outreach, and training efforts. During the reporting period, the City responded to **3,412** MS4-related requests for service (or complaints) from citizens.

Table **1-C.1**, provides a breakdown of the type and quantity of stormwater-related calls responded to by the City's Stormwater Management Section during the reporting period.

Table 1-C.1 Stormwater-Related Customer Service Requests	
Service Request Type	Total Count
Abandoned Substance	25
Illegal Dumping	63
Chemical Spill	357
Private Property Water Leak	17
Private Sewage Leak	35
Construction Site/ Erosion Control	162
Swimming Pool Discharge	49
Water Pollution – Creek Lake, River	143
Yard Waste	152
Storm Sewer Line Locates/Blocking Investigations (CCTV)	2,409
TOTAL:	3,412

This data is presented graphically in Figure 1-4.

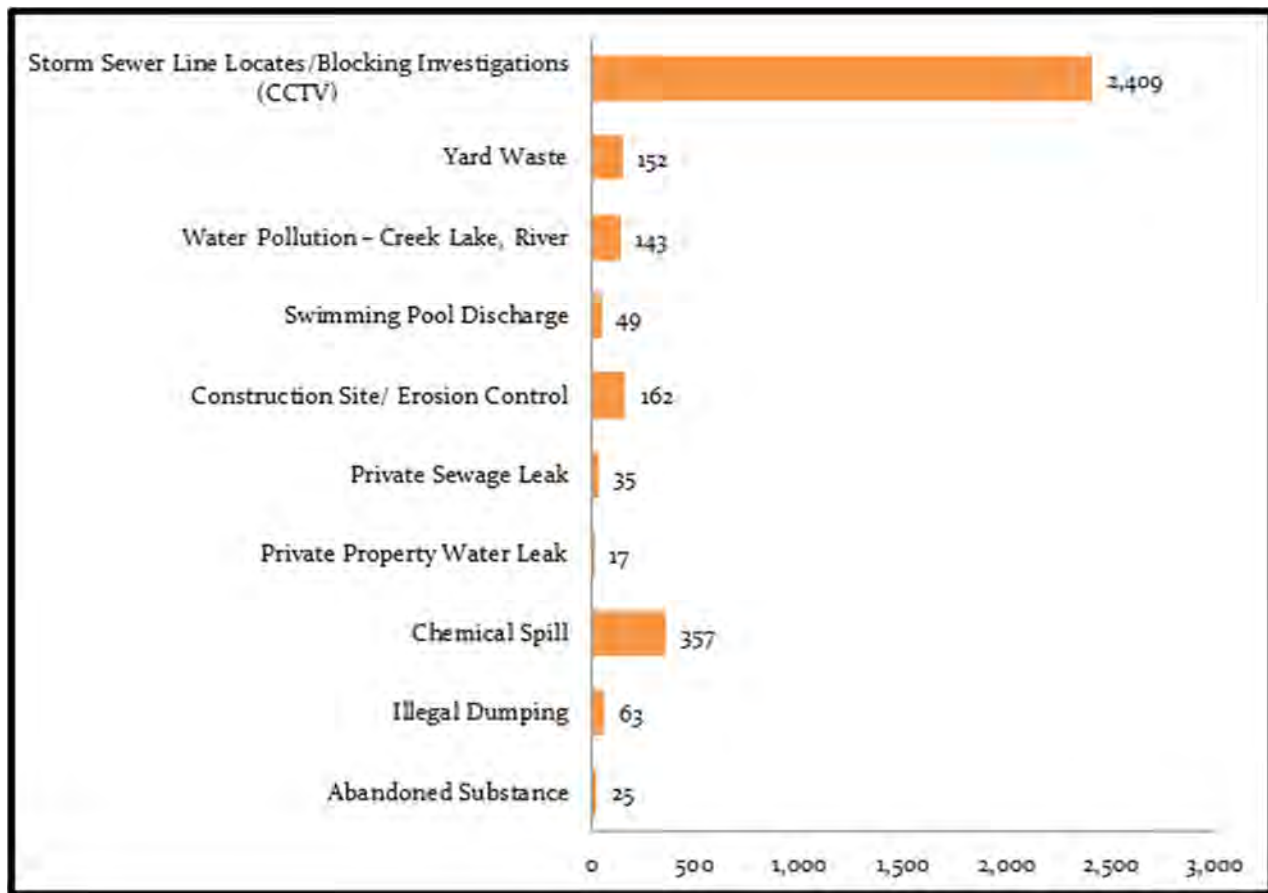


Figure 1-4 Breakdown of Stormwater-Related Service Requests

As shown, the most frequent service request is related to storm sewer line locates/blocking, followed by chemical spills, and construction site/erosion control complaints. Through responding to these citizen concerns, these CRMS requests yielded an investigation of **768** illicit discharge service requests, of which **400** were identified as illicit discharges, and were eliminated. Other reported discharges were consistent with the requirements for acceptable discharges to the stormwater system.

Table **1-C.2**, on the following page, provides examples of the types of illicit discharges that were investigated in during the reporting period.

Table 1-C.2 Examples of Illicit Discharge Detection and Elimination Activities				
HUC-12 Watershed	Address	Date	Identified Discharge	Date IDDE Resolved
Five Mile Creek-Trinity River	1600 Pine St.	10/17/2017	Ready-mix-Concrete washout waters	10/18/2017
Turtle Creek-Trinity River	600 Garza Ave	11/15/2017	Red Paint spilled along road curbside	11/17/2017
City of Dallas-White Rock Creek	3533 Beal St.	12/16/2017	Red color wastewater discharged in bar ditch from Totes/Container washout.	12/21/2017
Farmers Branch-Elm Fork Trinity River	Forest Lane & High Dale	1/9/2018	Wastewater discharge from Car Wash into MS4	2/23/2018
Bachman Branch-Elm Fork Trinity River	5230 Royal Ln	1/17/2018	Sediment laden water discharged from construction site	2/7/2018
Headwaters Turtle Creek	Reunion Blvd & Regency Hotel St	3/22/2018	Raw sewage water discharged due to infrastructure clog due to pump malfunction	3/23/2018
	1428 Wycliff	5/8/2018	Hilton Anatole's deteriorating wastewater infrastructure caused infiltration into MS4	6/1/2018
Headwater Five Mile Creek	812 Tarryall Dr	6/18/2018	Sediment Discharged from construction site into MS4	6/26/2018
Headwaters White Rock Creek	19200 Dallas Pkwy	6/28/2018	Approximately 250 gallons discharge from NTNWD sewage manhole	6/28/2018
White Rock Creek-White Rock Lake	6769 Abrams Rd	8/8/2018	Cooking Oil grease spill	8/14/2018
	6828 Aberdeen Ave	9/28/2018	Ready-mix-Concrete washout waters	9/29/2018

The illicit discharges are grouped by watershed in order to allow an assessment of any trends, or opportunities for focused Outreach and education. Table 1-C.3, on the following page, includes a summary of illicit discharge investigations by watershed.

As shown in Table 1-C.3 below, the City has investigated illicit discharges in most of the HUC-12 watersheds within the permit area.

Table 1-C.3 Breakdown of Illicit Discharge Investigations by Watershed	
HUC-12 Watershed	# Investigations Conducted
Elm Fork Trinity River (Texas Stream Segment 0822)	
Bachman Branch-Elm Fork Trinity River	57
Indian Creek – Elm Fork Trinity River	5
Grapevine Creek-Elm Fork Trinity River	1
West Fork Trinity River (Texas Stream Segment 0841)	
Fish Creek-Mountain Creek Lake	5
White Rock Creek (Texas Stream Segment 0827)	
Headwaters White Rock Creek	5
Floyd Branch – White Rock Creek	20
White Rock Creek-White Rock Lake	30
City of Dallas-White Rock Creek	50
Main Stem Trinity River (Texas Stream Segment 0805)	
Headwaters Turtle Creek	84
Turtle Creek Trinity River	63
Headwater Five Mile Creek	40
Five Mile Creek-Trinity River	22
Headwaters Tenmile Creek	1
Other Unclassified Stream Segments	
Upper Prairie Creek-Trinity River	12
Hickory Creek – Parson’s Slough	1
East Fork Trinity River (Texas Stream Segment 0819)	
Cottonwood Creek-East Fork Trinity River	2
Lake Ray Hubbard (Texas Stream Segment 0820)	
Rowlett Creek Lake Ray Hubbard	1
TOTAL:	400

(2) b - Illegal Dumping and Improper Disposal

The City eliminates illicit discharges and improper disposal sources of non-stormwater materials into the MS4 by investigating complaints, issuing citations, and making arrests for illicit discharges and improper disposal.

The City’s Environmental Crimes Unit patrols the City to address illegal dumping, and illicit discharges. This team maintains and coordinates the proper cleanup and discharge or removal of disposed materials within 30 days of discovery, or as expeditiously as reasonably possible. During PY1, a special unit within this team was formed to patrol the Dallas Floodway to prevent illegal dumping, damages to the levees and flood control system, and other related vandalism. Stormwater Management responded to **88** citizen service requests related to illegal dumping, and abandoned substances, as described in Table 1-C.1.

During the reporting period, the City's Environmental Crimes Unit monitored 423 chronic sites, investigated **7,811** illegal dumping cases, issued **1,493** citations, arrested **301** persons, and referred **641** locations for cleaning. This program has removed 660,148 pounds of improperly dumped waste, including **2,680** tires.



Figure 1-5 Litter Task Force Volunteers Trammell Crow Park Cleanup

C (2) c - Grass Clippings, Leaf Litter and Animal Waste Management

The City stormwater code prohibits the “*discharge and intentional disposal of grass clippings, leaf litter and animal wastes in the MS4* [Part III.B.2.c.vii.B), of TPDES Permit No. WQ0004396000]. Grass clippings, leaf litter and animal wastes are addressed through several different initiatives to limit biological wastes and nutrients discharges into the MS4. Because of the TMDLs established to address bacteria within the permit area, these measures are important towards achieving the necessary reductions in bacteria loading within the Upper Trinity River system through Dallas.

Grass clippings and leaf litter are primarily addressed in the spring and fall through outreach and education as discussed in Element 7. Because improper yard waste disposal is typically performed quickly with leaf blowers, it can be challenging to enforce. Seasonal “blitzes” are implemented a couple of times each year during heavy periods of spring and fall landscape activities. Staff drives residential areas, and provides

education and, as necessary, notices of violation (NOVs) to property owners and landscape contractors who are performing landscape maintenance during the blitz period. Code enforcement concerning proper yard waste management is provided year- round.

The City also addresses animal wastes related to pets through outreach and education, and appropriate Code enforcement concerning leash and “pooper-scooper” laws.

In PY7, the City has responded to **152** yard waste complaints to provide informational door hanger or the violator was provided information about proper yard and pet waste management.

C (3) Sanitary Sewer Overflows and Infiltration

In many cities across the United States, combined sewer systems and sanitary sewer overflows form the primary source of bacterial pollution to surface water. The City of Dallas does not have a combined sewer system. However, like many U.S. cities, the City has aging sanitary sewer infrastructure, and the related challenges of addressing sanitary sewer overflows (SSOs) and infiltration.

The City has implemented “*controls where necessary and feasible to prevent dry weather and wet weather overflows from sanitary sewers in the MS4 and limits the infiltration of seepage from municipal sanitary sewers into the MS4*” [Part III.B.2.c.vii of TPDES Permit No. WQ0004396000]. To accomplish this, the City actively implements several SCMs for the municipal sanitary sewer system to limit the inadvertent release of sewage from this system into the MS4. The City participates in the EPA Sanitary Sewer Overflow (SSO) Initiative to reduce the number of SSOs by improving the wastewater system and reducing the amount of grease build up, inflow, and infiltration. The City reduces SSOs and infiltration by conducting the following activities:

- Providing proper grease disposal information and education at public outreach events to residential customers, industry, and trade organizations;
- Inspecting grease generating establishments;
- Performing sewer main cleaning, conducting CCTV inspections of the wastewater system, inspecting manholes, and inspecting selected sewer basins and areas with exposed sewer mains due to creek/stream erosion;
- Completing system upgrades through sliplining and replacement;
- Inspecting and remotely monitoring collection system lift stations;
- Conducting smoke tests;
- Applying root control application; and
- Using GIS technology to identify areas that may require more frequent inspections and maintenance to proactively address issues before they become emergencies.
- Changing the City Ordinance to include specific schedules for pumping out grease traps located upon the premises of Food Service Establishments; and
- Completing the Comprehensive Wastewater Collection System Assessment (CWCSA) and Wastewater Master Plan.

During the reporting period, the City responded to and resolved **91** wet weather and **35** dry weather SSO discharges. Response activities varied depending upon the nature of the overflow, but are generally categorized as follows:

- Follow-up sewer system cleaning
- Follow-up sewer system television inspection
- Point repairs to the sewer system
- Pipe replacement
- Pipe rehabilitation
- Data analyses
- Barricades and location monitoring (wet weather overflows)
- Illicit discharges and improper disposal investigations (wet weather overflows).

The City's SSO response activities included cleaning **1,537** miles of sanitary sewer pipes, applying a root control application to **70** miles of pipe, and performing **3,371** sanitary sewer repairs to laterals and mains. As a preventative measure, the City televised over **242** miles of sanitary sewer to help assess sewer condition, and prioritize repairs.

C (4) Household Hazardous Waste and Used Vehicle Motor Fluid Program

The City *"prohibits the discharge or disposal of used motor vehicle fluids and household hazardous wastes (HHW) to the MS4, and promotes programs to collect used motor fluids and HHW for recycling reuse, or proper disposal"* in accordance with the related permit requirements [Part III.B.2.c.ix of TPDES Permit No. WQ0004396000]. Most households routinely use small amounts of pesticides, herbicides, fertilizers, used oil and other automotive fluids, batteries, paints, paint remover and solvents in the day-to-day upkeep of their homes, apartments and condominiums. These materials may contain hazardous materials, and are classified as "household hazardous waste". Improper discharge of these materials through the City's trash collection, or storm drainage system, can pose a significant environmental impact.

Dallas County operates the HC3 Program facility as a central waste collection center. In addition to hosting several one-day collection events, the HC3 center is open Tuesdays, Wednesdays, Thursdays and the 2nd and 4th Saturdays of each month year-around. Collection services are provided free-of-charge to residents of Dallas County HC3 participating cities. The City provides funding to the Dallas County Home Chemical Collection Center (HC3) to support the Dallas County Household Hazardous Waste (HHW) Program, and promotes and assists collection events. The program focuses on decreasing improper disposal of household hazardous chemicals and used oil. Promoting this facility helps to educate residents on proper use, care and disposal of these materials.

During the reporting period, the Dallas County HC3 Program collected and properly disposed of approximately:

- **1,834,751** pounds (**938** tons) of hazardous waste, hazardous paint, and electric waste
- **104,535** pounds of used oil and antifreeze (automotive fluids)

- **55,054** of pounds auto batteries
- **5,250** pounds of oil filters

A total of **24,553** participants used the HC3 Program during the permit period. Dallas County estimates that **12,700** participants or approximately **51%** of the total participants were City of Dallas residents.

The City hosted two **(2)** one-day HHW collection events at the Southwest Center Mall. Dallas residents properly disposed of approximately **38,161** pounds (**19** tons) of household hazardous waste, hazardous paint, and electronic waste; **650** gallons of used oil and antifreeze (automotive fluids); **255** pounds of batteries, **100** oil filters, and **95** pounds of CFL's and mercury containing materials was collected. During these events, Dallas residents properly disposed of approximately:

- **38,161** pounds (**19** tons) of hazardous waste, hazardous paint, and electric waste
- **650** gallons of used oil and antifreeze (automotive fluids)
- **255** pounds batteries
- **100** oil filters
- **95** pounds of CFLs and mercury containing materials.

C (5) MS4 Screening and Illicit Discharge Inspections

The City's MS4 screening and illicit discharge inspection activities fulfill the permit requirement to *"implement a Dry Weather Screening Program described in Part III.B.11.a (Monitoring and Screening) of this permit, to locate portions of the MS4 with suspected illicit discharges and improper disposal. Follow-up activities to eliminate illicit discharges and disposals may be prioritized based on the magnitude and nature of the suspected discharge; sensitivity of the receiving water; or other relevant factors. The entire MS4, but not necessarily each individual outfall must be screened at least once every five years"* [Part III.B.2.c.x of TPDES Permit No. WQ0004396000]. Illicit discharge inspection activities are conducted in response to complaints, to address identified illicit discharges and/or improper disposal, or in response to information obtained through the dry weather screening program. The City's dry weather screening program focuses on identifying and eliminating illicit connections and improper discharges to the MS4. Techniques used for detecting illicit discharges include, but are not limited to:

- **Dry Weather Outfall Inspections:** Dry weather inspections are integrated into the MS4 map documentation tasks, and all known outfalls are scheduled for inspection within this permit term. If new outfalls are identified as a part of the process, then the MS4 system maps are updated with these data. Watersheds are prioritized for dry-weather screening by age of the neighborhood, age and condition of the infrastructure, and areas with heavy industrial and commercial land uses. The outfalls are geo-located using a Global Positioning System (GPS) unit. Any observations of discharge from the outfall are noted and are sampled for field parameters (pH, temperature, total suspended solids, turbidity, ammonia, chlorine, conductivity copper, iron, detergents dissolved oxygen, and hardness) using a dry weather sample kit. If there is an unusual color, odor, or other field parameter(s) noted

outside of the ambient water quality conditions, then a full sample is collected and transmitted to a NELAP-certified laboratory for selected analyses.

- **Illicit Discharge Investigations:** When there are detected illicit discharges, the flow is traced from the discharge location to the source. Field observations and CCTV review are used with dye testing as necessary to determine the source location. The identified owner is then compelled to make the appropriate system improvements to reduce the impact to the MS4. As appropriate for the severity of the discharge, the owner may be provided with a Notice-of-Violation, outside complaint or citation for an illicit connection, or discharge to the MS4. The City reports reportable quantities of hazardous materials, as defined in 30 TAC 327, to the TCEQ.
- **Routine Industrial and Construction Compliance Inspections:** While most routine industrial and construction compliance inspections include a review of the Stormwater Pollution Prevention Plan (SWPPP); these inspections also include a facility outfall inspection. Any illicit discharges identified through these inspections are noted in the inspection report, and sampled as described under the above dry weather description.
- **Service Request Responses Concerning Unusual Water Conditions:** Staff may also encounter illicit discharges through responses to water quality service requests. When the request includes information concerning unusual water conditions, staff will contact the complainant to get more information on the discharge, including physical characteristics and when and where it was first noticed. Under this circumstance, the MS4 map is used with inlet and outfall inspections to trace the origin of the release. CCTV is also used as necessary to trace the source.
- **Emergency Response to Spills and Fish Kills:** Illicit discharges are sometimes identified as a part of the City's investigation into the cause(s) and sources of spills and fish kills. The protocols followed are similar to those identified for unusual water conditions and dry weather investigations.

The City continued to perform a significant number of dry weather screening investigations. During the reporting period, the City monitored **829** discharge locations in **14** watersheds. Through this screening program, **14** new outfalls were identified, and **31** outfalls with a discharge occurring during dry weather were observed. The Five Mile Creek-Trinity River watershed comprised only sixteen (**16**) percent of the total outfalls inspected but accounted for seventy-one (**71**) percent of the outfalls with dry weather discharge. While each dry weather discharge was evaluated, the investigations found that they were allowable discharges; there were no illicit discharges identified through this effort in PY7. The observed flows were generally found to be natural flows, i.e. groundwater infiltration or runoff.

Table 1-C.4, on the following page summarizes the dry weather screening activity per watershed during the reporting period.

Table 1-C.4 Dry Weather Screening Activities				
12 Digit HUC Watershed	Watershed	# of Outfalls Inspected	# of Outfalls with Drainage	# Illicit Discharges
Lower West Fork Trinity River (Texas Stream Segment 0841)				
Fish Creek-Mountain Creek Lake	FC-MCL	0	0	0
Cottonwood Creek-Mesquite Creek Lake	CC-MCL	1	0	0
Delaware Creek-West Fork Trinity River	DC-WFTR	2	0	0
Elm Fork Trinity River (Texas Stream Segment 0822)				
Farmers Branch-Elm Fork Trinity River	FB-EFTR	20	0	0
Bachman Branch-Elm Fork Trinity River	BB-EFTR	77	7	0
White Rock Creek System (Texas Stream Segment 0827)				
Floyd Branch-White Rock Creek	FB-WRC	36	0	0
White Rock Creek-White Rock Lake	WRC-WRL	84	0	0
City of Dallas-White Rock Creek	COD-WRC	117	0	0
Main Stem Trinity River (Texas Stream Segment 0805)				
Headwaters-Turtle Creek	HTC	218	1	0
Turtle Creek-Trinity River	TC-TR	106	1	0
Five Mile Creek System (Unclassified Water Body)				
Headwaters Five Mile Creek	HFC	55	0	0
Five Mile Creek-Trinity River	FMC-TR	96	22	0
Other Unclassified Creeks				
Upper Prairie Creek - Trinity River	UPC-TR	1	0	0
Headwaters Ten Mile Creek	HTM	15	0	0
Lake Ray Hubbard (Texas Water Segment 0820)				
Duck Creek	DC	1	0	0
TOTAL:		829	31	0

Additional information on the City's MS4 screening programs, documentation of illicit discharge inspections and a breakdown of identified sources is provided in Element 8 of this report.

C (6) NPDES and TPDES Permittee List

The City maintains a list of discharges directly to the MS4 with NPDES or TPDES permit to fulfill the permit requirement to *“maintain an updated list of facilities that discharge directly to the MS4 that have been issued an NPDES or a TPDES permit. The list shall include the name, location and permit number of the discharger”* [Part III.B.2.c.xi of TPDES Permit No. WQ0004396000].

The City maintains a current list of sites including name, location, and permit number that require NPDES/TPDES permits. During the reporting period, a total of **1,532** sites were inspected: **273** large construction sites, **282** small construction sites, **62** sites less than 1 acre, and **915** industrial facilities. The list is updated daily as new sites initiate construction, or industrial operations under the required NPDES/TPDES permits. A copy of the current list of NPDES and TPDES permittees is included in **Appendix C**.

C (7) MS4 Map Verification and Update

Maintaining an updated, accurate map of the MS4 can be critical to providing timely emergency response for spills, and in detecting illicit discharges through the system. The City maintains a *“current, accurate MS4 map that includes the location of all MS4 outfalls; the names and locations of all waters of the United States, that receive discharges from the outfalls; and additional information needed by the permittee to implement the SWMP”* [Part III.B.2.c.xii of TPDES Permit No. WQ0004396000].

City presently operates a system with about 11,000 different storm sewer outfalls, 1,800 miles of storm sewer pipe, and over 67,000 inlets. The original MS4 system mapping was developed through scanned archive construction documents that were submitted to the Building Official for approval prior to construction. This system was field verified by survey crews working under a registered public land surveyor as a part of the original system documentation conducted in the 1990s and early 2000s, and the maps were then digitized into the Stormwater Information Management System (SWIMs).

During the previous permit term, the City implemented a unified asset inventory system that assigned unique identifiers to the City’s stormwater assets to allow efficient tracking of system conditions, inspections, and maintenance. The system is a GIS-based data management system that integrates system inventory data into the system map. Regular updates, corrections and additions to this data management system provide timely, accurate data needed to effectively manage the stormwater infrastructure system. At present, the field asset verification program involves several efforts:

- The 11,000 outfall locations are being verified as a part of the Dry Weather Inspection program. All outfall locations are verified using a survey grade GPS system, and these data are uploaded into the asset inventory system. Staff currently use system mapping with physically walking the channel banks to locate any outfalls that were previously not identified. In addition to verifying the location and performing dry weather discharge monitoring, the outfall condition is also noted, and any repair or replacement needs are forwarded to the appropriate department for action.
- Outfall locations on industrial facilities are verified as a part of the regular site compliance inspections, with staff physically locating and inspecting each outfall identified in the SWPPP. Outfalls that require

repair or other improvements are noted in the facility inspection report. Significant variances between the SWPPP and observed field conditions will also be noted and may warrant an NOV.

- The 67,000 inlet locations are verified by staff on an established City-wide schedule that will allow verification of the entire system within the required permit term. These inspections include location verification using survey grade GPS, along with an assessment of inlet condition. Any needed cleaning or repairs are noted, and these data are electronically uploaded into the asset inventory.
- The CCTV crews televise all of the primary storm sewers to verify location, size, pipe type, and condition. They also upload electronic data into the asset system, and provide recommendations for any necessary line cleaning or repair.
- There is CCTV staff dedicated to new construction documentation. Upon receiving notification from the building inspection officials that construction is complete, the CCTV crew field-verifies the locations, type and sizes of the inlets, manholes, storm sewers and outfalls associated with the new construction. All data is collected using a combination of field grade GPS equipment, and CCTV, and is uploaded into the asset inventory.
- The asset inventory is also updated through GPS locations of surface features and CCTV inspections that are conducted in response to customer requests for storm sewer system locations.
- The asset inventory may also be updated through contracted CCTV and field verification of storm drainage facilities on a site-specific basis. Contracted asset map updates are required to be consistent with the City's Field Asset Verification protocols.

To date, the City is making good progress on the new requirement for map verification. Over **19,806** updates were made to the MS4 maps during this reporting period. These efforts included inspecting **830** outfalls, performing **11,469** inlet inspections, and **310** new storm sewer assets associated with **187** miles of storm sewer pipe systems. These map improvements are immediately uploaded to the maps each night so that the map is regularly updated with new information. A copy of the current MS4 map is included in **Appendix B**.

Table C-1 Summary of Performance: MCM 3 - Illicit Discharge Detection and Elimination			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (Oct. 1, 2017 Through Sept. 30, 2018)
C (1) Illicit Discharge Detection and Elimination			
Work to correct the discharge, or remove the improperly disposed materials, within 30 days or as soon as reasonably possible.	# of illicit discharges and illegal disposal sources identified and the time to resolve	Permit Year (PY) PY1 – PY5	400 illicit discharge investigations; 97% resolved in less than 30 days
C (2) Detection and Elimination of Illicit Discharges			
<i>C (2) a – Illicit Discharge Investigations</i>			
Facilitate public reporting and response to resident concerns regarding illegal dumping or improper discharge of non-	Number and types of illicit discharge related calls received per watershed	PY1 – PY5	3,412 investigations conducted in response to public reporting; types of investigations summarized in Table 1-C.1
<i>C (2) b – Illegal Dumping and Improper Disposal Investigations</i>			
Detect, Inspect and investigate illicit discharges and /or improper disposals	# and type of investigations conducted	PY1 – PY5	7,874 investigations conducted concerning illegal dumping
<i>C (2) c - Grass Clippings, Leaf Litter and Animal Waste Management</i>			
Work to reduce improper disposal of grass clippings and leaf litter	# of Leaf Litter Blitzes provided	PY1 – PY5	4
	# of homes and businesses contacted through the Leaf Blower Blitz concerning yard waste	PY1 – PY5	95
	# of pamphlets and NOV's provided	PY1 – PY5	95 pamphlets; 0 NOV's were issued

Table C-1 (continue) Summary of Performance: MCM 3 - Illicit Discharge Detection and Elimination			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (Oct. 1, 2017 Through Sept. 30, 2018)
Work to reduce impacts from improper animal waste management by participating in local and regional Feral Hog initiatives	# of meetings attended by City personnel	PY1 – PY5	4 Feral Hog initiative meetings were attended in PY7
	# of recommendations developed and implemented	PY1 – PY5	Trapping continued, 3 measures implemented at locations. Surveying for hogs occurred every two weeks in PY7.
Review tax records, and other data sources to identify areas where additional controls may be required to prevent animal wastes from impacting the MS4	# of tax records obtained	Permit Year 2	No activity in PY7
	# of properties identified	Permit Year 3	No activity in PY7
	# of properties reviewed for additional control	Permit Year 4	No activity in PY7
C (3) Limit Sanitary Sewer Overflows and Infiltration			
1. Minimize the number and effects of sanitary sewer releases to storm drains by: a) Inspecting sanitary sewer	Miles of sanitary sewer inspected using CCTV	PY1 – PY5	242 miles of sanitary sewer inspected
b) Performing preventative maintenance of the sanitary sewer system;	Miles of root control application completed to sanitary sewers	PY1 – PY5	70 miles of root control completed
c) Cleaning and repairing the sanitary sewer system.	Miles of sanitary sewer pipes cleaned	PY1 – PY5	1,537 miles of sanitary sewer cleaned
	Number and location of repairs completed	PY1 – PY5	3,371 sanitary sewer repairs completed

Table C-1 (continue) Summary of Performance: MCM 3 - Illicit Discharge Detection and Elimination			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (Oct. 1, 2017 Through Sept. 30, 2018)
2. Evaluate effectiveness of sanitary sewer overflow SCMs.	Identified wet weather and dry weather sanitary sewer discharges to the MS4	PY1 – PY5	91 wet weather & 35 dry weather sanitary sewer overflows reported by Dallas Water Utilities
	Locations of wet weather and dry weather sanitary sewer overflows per watershed	PY1 – PY5	35 dry weather sanitary sewer overflows identified and mapped to GIS system
C (4) Household Hazardous Waste and Used Motor Fluids Program			
1. Promote and participate in the Dallas County Home Chemical Collection Center (HC3).	Motor vehicle fluids and HHW collected	Permit Year (PY) PY1 – PY5	104,535 gallons of used oil and antifreeze collected during the reporting period
2. Assist Dallas County with one (1) off-site Household Hazardous Waste (HHW) collection event.	Motor vehicle fluids and HHW collected from City of Dallas residents collected through this off-site event	PY1 – PY5	650 pounds of used oil and antifreeze collected at the City's HHW event
C (5) MS4 Screening and Illicit Discharge Inspections			
Detect, inspect, and investigate illicit discharges and/or improper disposals.	Illicit discharges or improper disposals	PY1 – PY5	400 investigations conducted; types of investigations summarized in Table 1-C.3
Facilitate public reporting and response to resident concerns regarding illegal dumping or improper discharge of non-stormwater materials.	Number and types of illicit discharge related calls	PY1 – PY5	3,412 service requests received

Table C-1 (continue) Summary of Performance: MCM 3 - Illicit Discharge Detection and Elimination			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (Oct. 1, 2017 Through Sept. 30, 2018)
C (6) NPDES and TPDES Permittee List			
Maintain a list of dischargers to the MS4 with TPDES/ NPDES stormwater permits associated with industry and construction activities.	Name, location, and TPDES/NPDES permit number for each permitted activity	PY1 - PY5	713 Industrial permits, 273 large construction sites, 271 small sites, see Appendix A
C (7) MS4 Map Verification and Update			
1. Verify existing drainage asset data (i.e., inlets, outfalls, pipes and other features)	Number and types of asset system updates through existing system verification	PY1 – PY5	19,806 updates; see current maps in Appendix B
2. Compile new drainage asset data (i.e., inlets, outfalls, pipes and other features) to a unified asset inventory system and assign unique identifier.	Number and types of updates to asset mapping database that reflect new assets	PY1 – PY5	141 new storm sewer systems containing 310 new assets added
3. Review data acquisition procedures, and revise as necessary.	Document review conducted and any recommended revisions to the SWMP	PY1 – PY5	In PY7, implementation of Lucity's Stormwater Compliance Module continued.

***MCM / Element 4-
Pollution Prevention/
Good Housekeeping
for Municipal Operations***

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D. MCM 4 - Pollution Prevention/ Good Housekeeping for Municipal Operations

This section describes the measures that the City has implemented to address permit requirements for: *“(A) identification and implementation of good housekeeping and best management practices (BMPs) to reduce pollutant runoff from Municipal Operations such as street and highway maintenance, parks, municipal office buildings and water treatment plants; (B) reduction of discharge of pollutants to the MEP from road repair, equipment yards, and material storage facilities or maintenance facilities; and (C) training for all employees responsible for municipal operations which includes information on preventing and reducing storm water pollution from all municipal operations subject to this MCM.”* [Part III.B.2.d.i of TPDES Permit No. WQ0004396000].

Promoting good internal pollution prevention and good housekeeping measures at city facilities ensures that cities “walk-the-talk” as far as preventing stormwater pollution from day-to-day city operations and maintenance activities. These actions are important with respect to maintaining integrity with the communities served, and ultimately in being able to effectively enforce environmental regulations within the permit area.

The City of Dallas has a robust existing pollution prevention and good housekeeping program that focuses on continuous improvement processes to reduce pollutant runoff from municipal operations. This program incorporates the City’s Environmental Management System (EMS), and provides for appropriate management of the waste removed from the MS4, any pesticides, herbicides and fertilizer use, facility-specific Spill Prevention Control and Countermeasure (SPCC) Plans (when required), and emergency response requirements that are accounted for and executed on a city-wide basis. As described in Element 7, training to prevent and reduce stormwater pollution from municipal operations is provided through an ongoing “in-reach education program” promoted by environmental staff in several departments.

- **Status of Implementing the SWMP:** All measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule and are functioning as intended to prevent the discharge of pollutants to the MS4 to the MEP. A description of Pollution Prevention/Good Housekeeping for Municipal Operations’ activities follows. Table D-1 at the end of this section summarizes activities completed during the reporting period.
- **Proposed Changes to the SWMP for the next Reporting Year:** The City has reviewed the BMPs within this MCM for effectiveness; there are no changes to the SWMP proposed at this time:

Number and Nature of Enforcement Activities: Not applicable.

D (1) Establish Pollution Prevention/Good Housekeeping Program

The City established an effective pollution prevention/good housekeeping program by implementing an Environmental Management System (EMS) program in 2005. This program was certified under the International Standards Organization (ISO) 14001 protocols for EMS in June 3, 2008, and was re-certified in May 2014 after a comprehensive external audit by UL-DQS.

To support implementation of the EMS, the City also developed several Administrative Directives (AD) that outline City environmental policy and set forth specific requirements for all operations to minimize the City's impact on the environment. The EMS and related environmental AD require identification and implementation of good housekeeping and BMPs, development of Standard Operating Guidance (SOGs) to promote reduction of discharge of pollutants to the MEP from road repair, equipment yards, and material storage facilities, water plants, and maintenance facilities, and regular environmental training for all employees. During the reporting period, the City performed **157** internal environmental audits to review the environmental aspects and impacts of City operations. Within the **15** participating departments, there were **252** facility inspections and **8** third-party external audits.

D (2) Structural Control Maintenance

The City's structural control maintenance program is described in detail under Section A, MCM 1: MS4 Maintenance.

D (3) MS4 Waste Management

Preventing environmental impacts through appropriate management of the waste materials removed from the MS4 is as important as removing the wastes from the MS4. The City has put measures in place to *"ensure the proper disposal of waste that is removed from the MS4 or from other municipal operations"* [Part III.B.2.d.ii of TPDES Permit No. WQ0004396000]. Appropriate municipal waste management is one facet of the City's EMS program, and waste manifests are reviewed for completeness and accuracy. Wastes are reused and recycled wherever possible and appropriate. An estimated total of **8,877** tons of waste was removed from the MS4 during PY7.

Table 1-D.1, provides a summary of the wastes removed from the MS4 through the various measures implemented under the SWMP.

Table 1-D.1 Waste Materials Removed from MS4			
Activity Description		Material Volume Removed	
		Cubic Yards	Estimated Tons*
Storm system cleaning: inlets, culverts, storm sewers, pressure storm sewers and street pump stations		8,402	1,182
Levee/ Floodway Maintenance (includes pump station trash rack cleaning & sump maintenance)		24,336	3,422
Retention/Detention Pond Maintenance		638	90
Creek/Channel Maintenance		11,108	1,562
Stormwater Interceptor Cleaning*** 91,872 gallons		-	67
Floatables	Litter Booms***	165	23
	United by Blue Cleanup Event	-	8
	Operation Beautification***	-	24
	Litter Abatement Events TWM***	-	11
Street Sweeping		4,405	619
Illegal Dumping Cleanups*** 660,148 pounds		-	330
Code Compliance, TWM and Environmental Crimes Tire Cleanups 27,389 tires		-	211
Trinity River Floodway Remediation		9,442	1,328
TOTAL:			8,877
Notes: * Estimated based upon observed 75/25 percent split between sediment/ woody debris and floatables; using standard waste unit weights from National Recycling Coalition Measurement Standards, (EPA, 2006) Assumed unit rates: waste materials: 281.25 pounds/CY, and 2000 pounds/ton ** Gallons converted to CY based upon assumption of 25 percent solids by volume, and above conversion rate. ***Direct Tonnage provided by waste manifests			

D (4) Pesticides, Herbicides and Fertilizer Application

Pesticide, Herbicide, and Fertilizer (PHF) application program comprises the City's efforts that fulfill the permit requirement to: *"implement controls to reduce the discharge the pollutants related to the storage and application of pesticides, herbicides, and fertilizers, by the permittee's employees or contractors, to public right-of-way, parks, or other municipal property"* [Part III.B.2.d.iii of TPDES Permit No. WQ0004396000]. This element reduces the discharge of pollutants related to the storage and application of PHF applied by the City's employees or contractors to public rights-of-way, parks, or other municipal property.

PHF can have a negative impact to the environment when improperly used, including over-application, or applications made under conditions that can cause direct or indirect discharge into the MS4. In addition, the TCEQ implemented the related TPDES General Permit No. 870000, concerning the “Discharge of Biological Pesticides, and Chemical Pesticides that Leave a Residue in Water”. This permit has tiered performance requirements based upon the area of contiguous waters treated and applies to entities that apply pesticides and herbicides to water bodies. As a Level II operator under the PGP, the City is required to follow certain management practices in order to maintain compliance with the PGP.

In accordance with ISO14001 management systems and the requirements of the Pesticide General Permit (TXG870000), the City maintains a program to reduce the discharge of pollutants related to the storage and application of pesticides, herbicides and fertilizers applied by City employees or contractors, to public rights-of-way, parks, and other City property. During the reporting period, the City continued its PHF management practices, including tracking of applicator certifications, tracking applicator continuing education, and documenting pesticide applications (including type and quantity) made each year.

D (4) a - City-wide Integrated Pest Management Plan (IPM)

With the recognition that an IPM is not required for a Level II Operator under the PGP, work on the City-wide IPM was minimal in PY7. The last substantive work on IPM was completed in PY5. There are currently no plans to continue with a City-wide IPM.

D (4) b - TPDES General Permit No. 870000 Activities

In PY7, **133** City facilities used pesticides, herbicides, or fertilizers. The two City departments providing input to this report spot-treated **420** areas in/near water bodies, amounting to **2.34** acres in total, with pesticides and herbicides.

D (4) c - Licensed Pesticide Applicators and Training

A database is used to track City applicator license information and training certificates. There are currently **37** licensed applicators in the City. Chemical application and storage locations and an inventory of types of PHF in use are currently being documented under the City’s EMS.

D (5) Maintain List of Municipal Facilities

The SWMP includes a list of all municipal operations that are *“subject to the municipal operations, maintenance, and training programs listed under this MCM and all municipally owned and operated industrial activities subject to TPDES or NPDES industrial stormwater regulations.”* [Part III.B.2.d.iv of TPDES Permit No. WQ0004396000]. Developing a good inventory of municipal facilities with the potential to impact the environment is integral to the implementation of an EMS program, because it allows documentation of internal and external environmental compliance audits, and tracking of programmatic improvements.

As a part of the EMS implementation, the City developed a list of municipal facilities that are required to participate in the program. This information is maintained in a database that tracks EMS activities at each location. The list of municipal operations that are subject to the requirements of this element is included in **Appendix C**, along with a current list of TPDES Construction General Permitted projects, and a list of all municipally owned and operated industrial activities subject to the Multi-Sector General Permit (Industrial Permit).

D (6) Spill Prevention and Response Program

Spill Prevention and Response activities address the City's permit requirement to *"implement existing programs which prevent, contain, and respond to spills that may discharge into the MS4. The spill response programs may include (A) a combination of spill response actions by permittee or another public or private entity, and (B) legal requirements for private entities within the jurisdiction of the permittee"* [Part III.B.2.d.v of TPDES Permit No. WQ0004396000].

Activities for MCM 4 promote the effective development and implementation of City Codes and policies to limit stormwater pollutant spills. Administrative Directive 3-74 provides guidelines for employees for the prevention of and response to spills within the City of Dallas and at City facilities. The City reports the number of spill responses and maintains a spill prevention program that includes the proper handling, storage, and disposal of hazardous and non-hazardous materials. The City provides regular training activities on the spill prevention program and annually documents spill prevention training. The City uses additional BMPs to minimize entry of pollutants from City-owned vehicles into the MS4. Source controls and an established spill response program provide a systematic approach to minimize and prevent, where feasible, hazardous and non-hazardous substances from entering a water of the state.

The spill response program is supported through the activities of multiple City departments. This program incorporates the City's Environmental Management System (EMS), facility-specific Spill Prevention Control and Countermeasure (SPCC) Plans (when required) and emergency response requirements that are accounted for and executed on a city-wide basis. The City responds to spills, reports the number of spill responses, and maintains a spill prevention program that includes the proper handling, storage, and disposal of hazardous and non-hazardous materials. The City uses additional SCMs relative to preventative vehicle maintenance of City vehicles to minimize entry of pollutants from City-owned vehicles into the MS4.

The City uses the 311/911 system for receiving and dispatching notice of hazardous and non-hazardous spills. If a spill of this type enters the City's MS4 system, attempts are made to mitigate the effects to the MEP to prevent the materials from reaching Waters of the United States. The City tracks all spills, including those with a discharge to the MS4 and those that are successfully mitigated so there are no MS4 impacts.

The City promotes effective development and implementation of City Code and policies that help limit stormwater pollutants, and maintains legal requirements for private entities within the jurisdiction of the permittee concerning spills and illicit discharges. Element 2 includes a regular review of these related City Codes to identify any needed updates to these MCM.

Table D-1 provides a list of the activities, measurable goals, or metrics to be tracked and the implementation schedule for the SCMs described in MCM 4 – Pollution Prevention and Good Housekeeping Measures for Municipal Operations.

D (6) a - Spill Response Activities

During the reporting period, the Dallas Fire Rescue responded to an estimated total of **785** spills. The spill responses included: **310** fuel/hydrocarbons releases, **57** utility transformers/PCBs, **169** hazardous materials, and **249** HazMat Response Team Level 2 incidents. Of the **310** incidents involving hydrocarbons spilled, **620** gallons of fluid entered the storm drain, and was remediated. These incidents were mitigated by contracted remediation companies to prevent these pollutants from adversely impacting the drainage system.

D (6) b - Spill Prevention Program

The spill prevention program is supported through the activities of multiple City departments. This program incorporates the City's Environmental Management System (EMS), facility-specific Spill Prevention Control and Countermeasure (SPCC) Plans (when required) and emergency response requirements that are accounted for and executed on a city-wide basis. "In-reach" education that is focused on spill prevention and response is provided internally to all City personnel.

A description of the City-wide program to provide appropriate environmental training including pollution prevention, and spill response is included in MCM 7. This program includes, but is not limited to providing information on preventing and reducing storm water pollution from all municipal operations. City employees are trained on the proper procedures for reporting, containing spills and preventing pollutants from entering the storm drains.

Task-specific training is provided, as required, to personnel directly involved in the spill prevention and response programs. Training records for all personnel are maintained in departmental databases, and in the central Lawson database system. Over **148** different EMS, spill response, prevention, and cleaning classes were provided for City staff during the reporting period. Specific spill prevention and response training includes:

- Stormwater Pollution Prevention Plans
- Spill Emergency Table Top Exercise
- Above Ground Storage Tanks & Used Oils
- Spill Response & Spill Prevention Control & Countermeasures
- Stormwater Management Spill Procedures
- H-1005 Chlorine Emergencies
- First Responder Hazardous Material Operations
- Flammable Liquids Firefighting Techniques
- H-201 Pipeline Emergency Operations
- EMS Awareness

- Right to Know
- OSHA 1910.120 HAZWOPER Training
- OSHA 1910.120 HAZWOPER Refresher Training
- DOT Requirements for Hazardous Waste and Absorbent Materials
- Spill Response, Reporting and Cleaning
- Hazardous Waste Management
- Emergency Spill Response

D (6) c - Maintain City-Owned Vehicles

The City responds to all spills from City vehicles and verifies proper clean-up and disposal of the spilled material. City vehicles are equipped with spill kits, absorbent, and booms. Employees are trained on the proper procedures for reporting, containing spills and preventing pollutants from entering the storm drains. During the reporting period, there were an estimated **146** incidents involving City vehicles and hydrocarbon spills. All were appropriately remediated to prevent environmental impacts.





Figure 1-6 Sanitation Oil Spill Before and After Cleanup

Table D-1 Summary of Performance: MCM 4 - Pollution Prevention & Good Housekeeping for Municipal Operations			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
D (1) Establish Pollution Prevention Program			
1. Implement EMS program to promote continuous improvement with respect to pollution prevention and good housekeeping at municipal operations	# of internal environmental audits performed	Permit Year (PY) PY1 – PY5	157
	# of external environmental audits performed	PY1 – PY5	8
	% of identified environmental issues addressed within 90 days.	PY1 – PY5	76%
	# of SOGs, BMPs, ADs and work instructions updated to reduce pollutant runoff from municipal operations	Permit Year 1, 3 and 5	9 SAN; 1 STS
2. Maintain list of municipal facilities included in EMS Program	# of City facilities audited	PY1 – PY5	252
3. Promote good housekeeping practices for City facilities and vehicles to minimize spills and pollutant discharge into the MS4.	# of oil/water separator cleanings	PY1 – PY5	0
	# of City vehicles receiving preventative maintenance	PY1 – PY5	1,396
	Total # of vehicular spills	PY1 - PY5	146

Table D-1

Summary of Performance: MCM 4 - Pollution Prevention & Good Housekeeping for Municipal Operations (Continued)

Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2016 Through Sept. 30, 2017)
D (2) Structural Control Maintenance			
Implement Structural Control Maintenance Program	Track types of structural control activities, and wastes removed	Permit Year (PY) PY1 – PY5	Structural Control maintenance activities are summarized in detail in Table A-1
D (3) MS4 Waste Management			
1. Promote good housekeeping practices by tracking appropriate waste management by City facilities	# of City owned vehicular/equipment spills that entered the MS4	PY1 – PY5	11 ; remediated
	# of City Departments that are small quantity conditionally exempt waste generators	PY1 – PY5	298
	# of City Departments that are large quantity waste generators	PY1 – PY5	1
2. Promote good housekeeping practices by tracking appropriate waste management by City facilities	Volume of waste managed in support of Emergency response and spill remediation in tons	PY1 – PY5	13 tons
	Volume of classified hazardous and universal waste managed by the City facilities in tons	PY1 – PY5	199 tons
3. Promote effective waste management for waste removed from the MS4	Volume of wastes removed through MS4 maintenance activities in tons	PY1 – PY5	8,877 tons of sediment vegetative debris and contaminated soils

Table D-1

Summary of Performance: MCM 4 - Pollution Prevention & Good Housekeeping for Municipal Operations (Continued)

Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
D (4) Pesticides, Herbicides and Fertilizer (PHF) Application			
1. As necessary, review and update the City's pesticides, herbicides, and fertilizers management practices to maintain uniform standards and guidelines.	Number and types of changes to the PHF procedures.	Permit Years 1, 3 and 5	No changes in PY7
	Document Plan review conducted	Permit Years 1, 3 and 5	No changes in PY7
2. Document City compliance with requirements of Pesticide General Permit No. 870000	# of City facilities using PHF	PY1 – PY5	133 facilities
	# of application locations by, or contracted on behalf of City departments that are in/near water bodies	PY1 – PY5	420 areas spot- treated by Code Compliance/Trinity Watershed Management
	Total acreage in/near water bodies that are treated using pesticides and herbicides	PY1 – PY5	2.34 acres
3. Maintain a list of employees who are licensed pesticide applicators, and review personnel licenses, training and registration	# of current licensed applicators	PY1 – PY5	3 in Code Compliance; 2 in Streets, 32 in Parks
	# of training hours accrued	PY1 – PY5	40 hours each licensed operator

Table D-1			
Summary of Performance: MCM 4 - Pollution Prevention & Good Housekeeping for Municipal Operations (Continued)			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2016 Through Sept. 30, 2017)
D (5) List of Municipal Facilities			
Provide current list of Municipal Facilities that participate in Pollution Prevention/Good Housekeeping Program	Updated list appended to Annual Report	Permit Year PY1 – PY5	The City has 15 departments and 251 facilities that participate in the EMS; See Appendix C for complete listing of Municipal facilities
D (6) Spill Response Program			
Respond to spills of hazardous and non-hazardous substances that enter the City's storm drainage system for which the City is notified by: a) Mitigating the effects of the spill, and	# type and location of spill responses	PY1 – PY5	169 hazmat 249 level 2 responses 57 transformer/PCB 310 fuels/hydrocarbon
b) Preventing the spilled substances, to the extent practicable, from entering a Water of the State.	# of successfully mitigated spills	PY1 – PY5	785 mitigated
	# of spills or amount of gallons entering a Water of the State	PY1 – PY5	All spills remediated

***MCM / Element 5 -
Industrial and
High- Risk Runoff***

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E. MCM 5 - Industrial and High-Risk Runoff

This section describes activities undertaken by the City to “*continue to improve as necessary the existing programs to identify and control pollutants in stormwater discharges to the MS4 from municipal landfills; other treatment, storage, or disposal facilities for municipal waste (e.g. transfer stations, incinerators, etc.); hazardous waste treatment, storage, disposal and recovery facilities and facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313; and any other industrial or commercial discharge the permittee determines are contributing a substantial pollutant loading to the MS4. The program includes priorities and procedures for inspections and for establishing and implementing control measures for such discharges; and an Industrial and High-Risk Monitoring program as described in Part III, Section B.2.h.ii of the Permit*” [Part III.B.2.e.i-ii of TPDES Permit No. WQ0004396000].

The City’s Industrial Inspection Program identifies and controls pollutants in stormwater discharges to the MS4, and includes priorities and procedures for inspections and for establishing and implementing control measures for such discharges, as required by the permit. The City conducts industrial and high-risk runoff inspections at municipal landfills, and transfer, storage or disposal facilities (TSDs), industrial facilities permitted under Multi-Sector General Permit #TXR050000, and facilities that are subject to Title III, Section 313 of the Superfund Amendments and Reauthorization Act (SARA 313), that are required to submit annual Toxic Release Inventory (TRI) forms to the EPA. To augment the physical site inspections, the City also reviews water quality data collected as a part of the Dry Weather Screening Program, Wet Weather Screening Program, and Industrial and High-Risk Runoff Monitoring Programs, as described under Element 8, to assess site compliance with the Permit requirements.

- **Status of Implementing the SWMP:** All measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule and are functioning as intended to prevent the discharge of pollutants to the MS4 to the MEP. A description of Industrial Monitoring and High-Risk Runoff Activities follows. Table E-1 at the end of this section summarizes activities completed during the reporting period.
- **Proposed Changes to the SWMP for the next Reporting Year:** The City has reviewed the BMPs within this MCM for effectiveness; there are no changes to the SWMP proposed at this time.
- **Number and Nature of Enforcement Activities:** Sixty-nine (**69**) **NOVs** were issued to facilities for non-compliant issues identified during permit compliance inspections.

E (1) Priorities and Procedures for Inspections and Implementing Control Measures

The City addresses industrial facility stormwater discharges to the MS4 that may pose a threat to water quality through a comprehensive industrial program that includes regular screening, monitoring and inspections to establish priorities for implementing control measures. The industrial facilities are identified through a variety of methods and include facilities that are permitted under the TPDES Multi-Sector General Permit Number TXR 050000, facilities that are operating under a No Exposure Certification (NEC) and facilities that are identified through screening and that need to be permitted. Regular inspections and control measures are generally effective in reducing the discharge of pollutants from industrial and high-

risk facilities to the MS4. Follow-up inspections are performed as required to enforce stormwater permit compliance.

Industrial and high-risk facilities within the City limits with the potential to discharge pollutants to the MS4 are regularly inspected for adequate control measures to reduce the discharge of pollutants to the MS4. The inspection verifies that the structural and non-structural control measures as outlined in the Storm Water Pollution Prevention Plan (SWPPP) for the site are reflected on the site, and functioning as intended to prevent pollution from the site.

Sector U (Food and Kindred Products) facilities that have the potential to generate biological waste, including high Biochemical Oxygen Demand (BOD₅), or bacteria in the site discharge are included in the industrial inspection program as well. Finally, sites that have an NEC certification for no exposure of their operations to stormwater are also inspected to verify that site conditions warrant the no-exposure waiver. Table 1-E.1 outlines the priorities for inspection.

Table 1-E.1 Priorities for Industrial Facility Inspection	
Facility Risk Type	Minimum Inspection Frequency/Year
Superfund Amendment and Reauthorization Act (SARA) 313 facilities	All sites inspected annually with more frequent follow-up as needed
City permitted landfills, transfer stations and other Treatment, Storage and Disposal (TSD) facilities	All sites inspected annually with more frequent follow-up as needed
Other City facilities with TPDES MSGP permits	Annual with more frequent follow-up as needed
High Risk Facilities subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313	Annual with more frequent follow-up as needed
Sector U, or other facilities that pose a risk of biological/bacterial discharge	Annual with additional sampling and more frequent follow-up as required
Non-compliant sites, or sites with benchmark exceedances	Minimum quarterly with additional sampling and more frequent follow-up as required until site is in compliance.
Sites with No Exposure Certification (NEC) and all other MSGP permitted sites	Once per permit term, with follow-up as needed

The City maintains legal authority to inspect industrial facilities, require site compliance, and provide tiered enforcement of non-compliance:

- Non-compliance (NC)
- Notice of violation (NOV)
- Outside Complaints or Citations

The City performed a total of **1,220** industrial facility inspections at **915 sites** from **October 1, 2017 to September 30, 2018**, including SARA 313 sites, high-risk sites, Sector U sites, permitted lower risk sites, and sites with no environmental exposure (NEC). The City also conducted a site review and inspection of the

eight **(8)** permitted City industrial facilities (1 landfill, 3 transfer stations, 1 salvage yard, 2 airport facilities and 1 Dallas Police Department- helicopter facility). The City also inspected annually the **21** tenants with industrial stormwater permit at the 2 airports operated by City of Dallas.

The City inspected all industrial sites classified as SARA 313 facilities once during the PY7 monitoring period **70** inspections at **60** facilities. During PY7, **225** inspections were conducted at **150** facilities classified as high-risk runoff discharge facilities.

In addition, during the PY7 reporting period, the City conducted a total of **92** facility inspections at **71** Sector U facilities.

During the PY7 monitoring period, **40** sites that were previously permitted were found to be no longer in operation or has moved to another location. Sites that were known to move to another location within the City of Dallas were inspected.

E (2) Industrial Monitoring and Screening Program

The City uses Dunn & Bradstreet, the EPA Toxic Release Inventory, the TCEQ Central Registry, and other available information to screen industries by Standard Industrial Code (SIC) to identify potentially unpermitted facilities that may be required to permit. The City performs follow-up inspections at these facilities to assess whether a permit is required, and whether the site is generally compliant with the permit requirements. If the site is not compliant, then the normal tiered enforcement process applies. The screening process enforces Federal, State and City stormwater requirements while addressing discharges with the potential to impact water quality of the MS4 receiving water bodies. Through this process, **5** Non-TPDES facilities were identified that may require permitting under the Multi-Sector General Permit because of their SIC codes. Because of the follow-on inspections of these facilities, **5** new industrial sites were directed to apply for an Industrial stormwater permit during the PY7 reporting period. The City did not receive notification regarding any new stormwater permits during this monitoring period.

Water quality screening is also performed by reviewing the site water quality monitoring data for permitted sites as submitted by the industrial facility operator. The City uses a proactive approach of soliciting the monitoring data from the sites that are required to do benchmark sampling. Facilities that exceed the benchmark threshold values for one or more constituents are required to develop and implement a compliance action plan that includes additional BMPs, structural and non-structural controls as necessary to bring the site into compliance.

During the reporting period, **282** monitoring data sets were received. The majority of the reviewed data was compliant with permit requirements. An evaluation of the data from the facility, wet weather program, and dry weather program were used to determine the potential impact of an industrial activity on water quality. One **(1)** facility that exceeded water quality parameters was directed to implement an action plan specifying immediate, intermediate, and long-term practices aimed at reducing discharges that exceed

water quality standards. Facilities that did not submit benchmark data as required receive NOV or other non-compliance notifications.

Table E-1 provides a list of the activities, measurable goals or metrics to be tracked, and the implementation schedule for the above SCMs for Element 5 – Industrial and High-Risk Runoff. The Industrial water quality program is described further in Element 8, Monitoring, Evaluation and Reporting.

Table E-1 Summary of Performance: MCM 5 - Industrial and High Risk Runoff			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
E (1) Inspections and Control Measures			
1. Inspect 500 permitted industrial facilities known to the City.	# and type of inspections performed	Permit Year (PY) PY1 – PY5	1,018 TPDES inspections at 713 sites 60 SARA 313, 150 High Risk, 92 Sector U, 765 Low Risk and 8 city sites,
2. Inspect all Superfund Amendment and Reauthorization Act (SARA) 313 facilities.	# and type of inspections performed	PY1 – PY5	70 inspections at 60 facilities (all)
3. Inspect permitted municipal landfills and Treatment, Storage and Disposal (TSD) facilities.	# and type of municipal landfills inspected	PY1 – PY5	2 inspections at 1 landfill facility
	# and type of TSDs	PY1 – PY5	4 inspections at 3 Transfer Stations
4. Inspect City facilities required to have a Notice of Intent (NOI) and that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313.	# and type of inspections performed	PY1 – PY5	11 inspections at 8 facilities. 6 NOI sites (1 landfill, 1 salvage yard, 1 transfer station, 2 airports, and 1 DPD-Helicopter facility). 3 NEC sites, (2 transfer stations). The City operates 0 SARA 313 sites
5. Inspect Sector U, (Food Products and Kindred Products) and other similar facilities that have the potential to discharge biological constituents.	# and type of inspections performed	PY1 – PY5	137 inspections at 92 TPDES facilities

Table E-1
Summary of Performance: MCM 5 - Summary of Industrial and High Risk Runoff (Continued)

Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2016 Through Sept. 30, 2017)
E (2) Industrial Monitoring and Screening Program			
1. Screen facilities with a Standard Industrial Classification (SIC) code that may require permitting under the Multi-Sector General Permit.	# of facilities identified through screening process that have SIC Codes that may require a MSGP Permit	Permit Year (PY) PY1 – PY5	150 Sites screened (0 non-permitted sites, and 5 New sites required to be permitted)
2. Evaluate the effectiveness of the screening program.	# of new permits received as a result of screening	PY1 – PY5	5 New permits;
3. Use monitoring data review to enhance facility compliance.	% of industrial facilities submitting required benchmark monitoring data	PY1 – PY5	20%
	% of submitted facility data sets that are compliant with benchmark parameters	PY1 – PY5	80%
	# of Corrective Action Plans required to achieve compliance	PY1 – PY5	1 Corrective Action Plans required
	% Action Plan Facilities brought into compliance	PY1 – PY5	100%

***MCM/ Element 6-
Construction Site
Stormwater Runoff***

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F. MCM 6 - Construction Site Stormwater Runoff

The City has an ongoing Construction Site Runoff Program to implement measures to “*reduce the discharge of pollutants into the MS4 from construction sites*”. This existing program “*addresses construction projects that are more than an acre in size, and that are part of a common plan of development*” [Part III.B.2.f.i of TPDES Permit No. WQ0004396000]. The City’s existing construction program relies on five key SCMs to maintain compliance with the Permit requirements for construction Site stormwater runoff:

- (A) “*Use and maintenance of appropriate structural and non-structural BMPs to reduce pollutants to the MS4*”; [Part III.B.2.f.i.A of TPDES Permit No. WQ0004396000];
 - (B) “*Requirements for construction site operators to address the control of site waste such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste*” [Part III.B.2.f.i.B of TPDES Permit No. WQ0004396000];
 - (C) *Education and training for Construction Site Operators* [Part IV.C.f.3 of TPDES Permit No. WQ0004396000];
 - (D) “*Inspection of construction sites and enforcement of control measure requirements*”, [Part III.B.2.f.i.C of TPDES Permit No. WQ0004396000];
 - (E) *Notification of applicants of responsibilities* [Part III.B.2.f.i.D of TPDES Permit No. WQ0004396000].
- **Status of Implementing the SWMP:** All measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule and are functioning as intended to prevent the discharge of pollutants to the MS4 to the MEP. A description of Construction Site Stormwater Runoff Activities follows. Table F-1 at the end of this section summarizes activities completed during the reporting period.
 - **Proposed Changes to the SWMP for the next Reporting Year:** The City has reviewed the BMPs within this MCM for effectiveness; at this time, all BMPs are functioning as intended.
 - **Number and Nature of Enforcement Activities:** The City issued **2,377 NOVs** during the compliance inspections of construction activities during the reporting period; **429** outside complaints were filed with the City Attorney’s Office. One **(1)** citation was issued for significant construction site violations.

F (1) Requirements for Structural and Non-structural BMPs

The City requires Stormwater Pollution Prevention Plans (SWPPPs) for all building and construction permit applications greater than one acre, that are located within the Escarpment or geologically similar area, or that are part of a common plan of development. The City’s permitting process requires BMPs for erosion and sediment controls to protect water quality. During the reporting period, the City received **131** SWPPPs as part of the building permit application process.

The City's current planning and zoning process for all projects allows for "*site plan reviews that incorporate considerations of water quality impacts, receipt and consideration of information submitted by the public and site inspection processes*". [Part III.B.2.f.i.C of TPDES Permit No. WQ0004396000]. During the reporting period, a total of **298** sites went through the City's planning and zoning process.

A copy of the current Stormwater Drainage Code that specifically requires construction site operators to implement appropriate structural and non-structural controls, including measures to address the control of site waste such as discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste is included in **Appendix A**. Building and construction permit applications for less than one acre must comply with the erosion and sediment control BMP requirements of the City Administrative Procedures for Construction; Chapter 52, subchapter 6, section 607.

F (2) Inspection of Construction Sites and Enforcement Requirements

The City's construction site inspection program inspects construction sites for compliance with stormwater management requirements and practices. The types of inspected sites are as follows:

- Large Sites: Sites with ground disturbances over 5 acres in size, or that of any size, and located within a common plan of development, or in the escarpment or a geologically similar area. Inspections are scheduled every 2 weeks;
- Small Sites: Sites between 1 and 5 acres in size are inspected once within the first six weeks of notification of ground disturbance. After initial notification, inspections are scheduled monthly; and
- Sites with ground disturbances less than one acre in size are inspected in response to complaints. Follow up inspections of these sites occur as needed based upon any issues of noncompliance identified at the initial inspection.

During the reporting period, the City received **298** notices, letters, and/or building permits that were provided in accordance with the TPDES Permit No. TXR150000 General Permit for Construction Activities. The City conducted a total of **5,888** inspections at **273** large construction sites. The City conducted **2,873** inspections at **271** small construction sites between 1 and 5 acres. The City conducted **52** inspections at sites with ground disturbances greater than one acre in size in response to complaints.

F (3) Education and Training for Construction Site Operators

The City has developed and presented training and educational programs for designers, engineers, construction site inspectors, and site operators on the appropriate use of BMPs at construction sites. During the reporting period, the City presented **5** construction workshops to the public to train designers and construction site managers on the TPDES General Construction Permit, stormwater pollution prevention planning practices and BMPs. A total of **260** contractors, operators, consultants and city staff attended the construction workshops.

The City also conducted **209** onsite operator consultations or onsite tail-gate presentations, educating **395** people. These onsite training sessions are initiated by City staff after receipt of a Notice of Intent or Construction Site Notice. The purpose of the consultation is to make sure the Operator understands the Permit requirements, answer any questions, and to provide information concerning SWPPP and applicable BMPs. The tail-gate presentation is designed for construction site personnel, focusing on the General Construction Permit guidelines, SWPPP updates, and the proper installation and maintenance of BMPs. Both the consultations and tailgate presentations are provided free-of-charge, and are offered in English and Spanish.

F (4) Notification of Requirements to Construction Site Operators

The City monitors and revises the building permit procedures to maintain a process that notifies the contractors and construction building permit applicants of their responsibilities under the TPDES General Construction Permit. The City continuously evaluates the site planning checklist that requires the building permit applicants and contractors to provide a copy of the SWPPP for projects located on large sites. The City's Planning and Zoning processes currently addresses permit requirements to require site plan reviews that incorporate considerations of water quality impacts, receipt and consideration of information submitted by the public and site inspection processes. During the reporting period, **298** projects went through the Planning and Zoning Process that includes a thorough review of potential environmental impacts, adherence to City Codes and design standards, and includes a hearing to solicit public comments into the project(s). As a part of this process, the City informs the contractors and other building permit applicants of their responsibility to provide a copy of a Construction Site Notice (CSN) or Notice of Intent (NOI).

The City notifies all known permit applicants, owners and operators of the SWPPP requirements by providing an onsite consultation regarding permitting requirements and the implementation of the SWPPP. In addition, the City presents the Construction Inspection Workshops for designers, engineers, construction site inspectors, and site operators. While not required, this workshop is free of charge and attendance is highly encouraged.

Finally, the City notifies operators of compliance requirements through the inspection checklist. This checklist is delivered to the operator following each compliance inspection and identifies deficiencies (with photographs of the non-compliance) cross-referenced to the requirement.

F (5) List of Construction Sites

The City maintains a current list of all active small and large construction sites that are inspected as a part of permit compliance. The list is generated through the stormwater information management (SWIMs) database that is used to track permit data, inspections and compliance history. The list includes name, location and permit number of the discharges that have been authorized under an NPDES or TPDES permit. This list is updated through daily input of new permits NOIs and CSNs, Notices of Change (NOC) and Notices of Termination of Permit coverage.

The City inspected a total of **544** construction sites during the permit term: **273** large sites and **271** small sites. During the reporting period, there were **157** new sites added to the list, and **156** sites that terminated permit coverage, yielding a net gain of **1** sites. A copy of the list of construction sites that were active as of September 30, 2017 is included in **Appendix C**.

F (6) Status of Complying with New Requirements

In PY7, the CGP and associated requirements did not change. Table F-1 at the end of this section summarizes activities completed during the reporting period.

Table F-1 Summary of Performance: MCM 6 - Construction Site Stormwater Runoff Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
F (1) Use and Requirements for Structural and Non-Structural BMPs			
Require and inspect Stormwater Pollution Prevention Plans (SWPPPs) for specific building and construction permits in accordance with State regulations.	# of SWPPPs presented	Permit Year (PY) PY1 – PY5	131 SWPPPs were presented to the City through the private development process
Require site plan reviews that incorporate considerations of water quality impacts, receipt and consideration of information submitted by the public and site inspection processes	# of projects that were evaluated through Planning and Zoning Process	PY1 – PY5	298
F (2) Inspection of Construction Sites and Enforcement of Control Measure Requirements			
1) Inspect construction sites for compliance with stormwater management practices. Conduct inspections as follows: a) Five (5) acres and greater in size, in the escarpment or geologically similar area, or part of a common plan of development: every two (2) weeks;	Number, type and location of inspections	PY1 – PY5	273 construction sites five (5) acres or larger, sites part of a common plan of development or within escarpment of geographically similar area “large sites”
			5,888 inspections of large construction sites
Sites greater than or equal to one (1) acre and less than five (5) acres in size on a monthly basis	Number, type and location of inspections	PY1 – PY5	271 construction sites with ground disturbances of one to five acres “small sites”
			2,873 inspections on small sites
2. Conduct supplemental inspections of construction sites in response to complaints.	Number, type and location of inspections	PY1 – PY5	62 inspections on complaint responses of construction sites

Table F-1 Summary of Performance: MCM 6: Construction Site Stormwater Runoff Activities (Continued)			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
F (3) Education and Training for Construction Operators			
1. Present two (2) workshops to contractors, operators and construction site affiliated personnel on acceptable construction site SCMs, per year.	# of workshops provided and number of attendees	Permit Year (PY) PY1 – PY5	Presented 2 Construction Workshops to 260 contractors, operators, and construction site affiliated personnel.
			Presented 1 Construction-Near-Water Permit Workshops to 12 contractors.
2. Present on-site consultations to operators and construction site personnel on site-specific construction site SCMs, per year.	# of consultations provided and number of attendees	PY1 – PY5	Presented 196 on-site consultations to 395 operators and construction site personnel.
3. Present on-site tail-gate training sessions to operators and construction site personnel on acceptable construction site SCMs, per year.	# of tailgate training sessions provided and number of attendees	PY1 – PY5	Presented 13 on-site tail-gate training sessions to 88 operators and construction site personnel.
F (4) Notification of Requirements to Site Operators			
Review and revise the building permit procedures to ensure a process is in place that emphasizes notification of requirements under TPDES permit regulations, and incorporation of appropriate water quality measures and citizen involvement.	Revisions to process procedures	Permit Years 1, 3 and 5	N/A for PY7

Table F-1 Summary of Performance: MCM 6 - Construction Site Stormwater Runoff Activities (Continued)			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
F (5) List of Construction Sites			
Maintain a list of active construction sites that are inspected for compliance	# of new sites added	PY1 – PY5	157 new construction sites were added during the reporting period.
	# of sites terminated	PY1 – PY5	156 construction sites were terminated during the reporting period.
F (6) Status of Permit Compliance			
Document status of implementing F (1) – (5)	See above metrics	PY1 – PY5	All metrics compliant at this time

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***MCM / Element 7 -
Public Education,
Outreach, Involvement
and Participation***

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G. MCM 7. Public Education and Outreach/Public Involvement and Participation Program

The City implements a multi-faceted outreach and education program to fulfill the permit requirements to *“promote, publicize, and facilitate public education and outreach to residents, visitors, public service employees, businesses, commercial and industrial facilities, and construction site personnel.”* The program focuses on educational efforts in the following areas: *1) A program element to promote, publicize, and facilitate public reporting of illicit discharges or improper disposal of materials, including floatables, into the MS4; 2) A program element to promote, publicize, and facilitate the proper management and disposal of used oil and household hazardous wastes; 3) A program element to promote and publicize the proper use, application, and disposal of pesticides, herbicides, and fertilizers by public, commercial, and private applicators and distributors; and 4) Appropriate education and training measures for construction site operators. [Part III.B. g of TPDES Permit No. WQ0004396000].”*

The City provide a focused and comprehensive public education, outreach, involvement and participation program to encourage stewardship of the City’s surface water resources by raising awareness of the issues, providing information on BMPs that may be used to improve water quality, and providing opportunities for the public to provide meaningful input into the program.

G (1) Public Education and Outreach

The City’s Public Education and Outreach Program includes an education and outreach campaign, volunteer activities, publications, City employee education (“Inreach”), coordinated Household Hazardous Chemical awareness, construction and industrial operator workshops. The program initiatives are coordinated with North Central Texas Council of Government (NCTCOG) Public Education Task Force, the City-wide Environmental Outreach Team (EOT), and inter-departmental outreach opportunities. In addition, volunteer opportunities for the public are also provided, as well as opportunities to provide input into the SWMP and other aspects of the SWM through an interactive web presence. Samples of some of the materials used to implement this program are included in **Appendix D**. The City is not aware of any group that is not addressed by the program.

- **Status of Implementing the SWMP:** All measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule and are functioning as intended to prevent the discharge of pollutants to the MS4 to the MEP. A description of the Public Education, Outreach, Involvement and participation activities follows. Table G-1 at the end of this section summarizes activities completed during the reporting period.
- **Proposed Changes to the SWMP for the next Reporting Year:** The City has reviewed the BMPs within this MCM for effectiveness; at this time, all BMPs are functioning as intended.
- **Number and Nature of Enforcement Activities:** Not Applicable.

The City’s outreach program promotes, publicizes and facilitates public reporting of spills, kills, illicit discharges and improper disposal of materials, and the management and disposal of used motor fluids and household hazardous wastes. The program also promotes and publicizes the proper use, application

and disposal of pesticides, herbicides and fertilizers, implementation of appropriate pet waste management and yard waste management measures. The program is diverse, multi-faceted, multi-generational, and is targeted towards children, residents, non-governmental entities, visitors, staff, businesses, and operators of commercial and industrial facilities within the permit area. The City's outreach program is implemented through efforts aligned in three primary focus areas:

- Public Education including technical training in direct support of the permit elements
- Outreach;
- Public Involvement and participation.

G (1) a - Public Education

The City provides public education and community outreach through presentations made across the city to community groups, including participation at public events. Topics include illicit discharges, improper disposal, pet waste, yard waste, pesticides, herbicides and fertilizers (PHF) and used oil and toxic materials (UOTM). Providing timely information on the proper use of these materials can help to prevent inadvertent illicit discharges to the MS4, and raise environmental awareness.

G (1) a.1 - Community Education

During this permit term, the Outreach team participated in **196** City-wide, community, and business events and presentations that reached over **270,664** participants. These events are generally comprised of conventions, meetings, and other events where the Outreach team could set up a booth or table and demonstrate concepts using the Enviroscope watershed model, an interactive presentation that shows how pollution moves through a watershed. Education and outreach are provided to a wide range of generational and cultural audiences including events conducted in English and Spanish. Table 1-G.1 provides a summary of education and outreach program events by topics that were completed in this permit term.

Table 1-G.1 Education and Outreach Events by Topic		
Topic	# of Events	
	Number	% of Total
Pesticides, Herbicides, and Fertilizers	9	4.6%
Used Oil and Toxic Materials	38	19.4%
Pet Waste	12	6.1%
Yard Waste	11	5.6%
Litter and Floatables	9	4.6%
Illicit Discharges	23	11.7%
General Pollution Prevention	32	16.3%
Environmental Stewardship	44	22.4%
Permit Compliance	18	9.3%
TOTAL	196	100%

G (1) a.2 - School Education

The City promotes a stormwater education campaign at area schools that focuses on watershed concepts and stormwater pollution prevention. The school programs run the gamut from providing story time and summer camp programs to younger students, to University-level classes and providing environmental science programs to “teach-the-teacher”.

The City promoted a stormwater educational campaign at area schools. A total of **113** presentations were made to K-12 grade schools in Dallas Independent School District and Richardson Independent School District. These presentations introduced the basic watershed concepts and stormwater pollution prevention to **10,018** students in grade levels ranging from kindergarten to high school. In addition to grade school presentation, the City also conducted eleven (**13**) Used Oil and Toxic Materials presentations to **1,340** College Level Auto Tech students.

G (1) a.3 - Business Education

Illicit discharges, pesticides, herbicides and fertilizers (PHF) and used oil and toxic materials (UOTM) have the potential to degrade water quality in the MS4. The City provides focused training targeting businesses and trade organizations associated with these activities to disseminate information on current requirements, pollution prevention, and acceptable SCMs for protecting water quality, in order to *“continue to implement a public education and outreach program component to promote, publicize, and facilitate: 1) public reporting of illicit discharges or improper disposal of materials, including floatables, into the MS4; 2) the proper management and disposal of used oil and household hazardous wastes; 3) the proper use, application, and disposal of pesticides, herbicides, and fertilizers by public, commercial, and private applicators and distributors; [Part III.B.2.g.i.B.1) 2), 3) of Permit No. WQ0004396000].*

During the reporting period, the Outreach program provided **46** presentations and events to **1,406** business/trade organizations participants. The team provided five **(5)** presentations on yard waste, thirteen **(13)** presentations on illicit discharge detection and elimination, four **(4)** on pet waste, four **(4)** on litter and floatables, and four **(4)** general stormwater management presentations.

G (1) b - Technical Training

The City provides focused topic-specific technical training for identified sectors with a high potential to affect stormwater quality. This training is implemented to promote SCMs and stormwater management awareness. The technical training target audiences include city employees, operators of construction sites and industrial facilities, community members and specialized stakeholders such as contractors, technical consultants and business owners.

G (1) b.1 - Construction Site Operator Training

The City's construction site operators program affects site compliance by providing several opportunities to educate site operators and other affiliated personnel concerning appropriate ways of reducing stormwater pollution from their site. *The permittee shall continue to implement a public education and outreach program component to promote, publicize, and facilitate: 4) Appropriate education and training measures for construction site operators.* [Part III.B.2.g.i.B.4) of Permit No. WQ0004396000].

The City provides three types of construction training focused on promoting acceptable construction site SCMs to address effective site water management, erosion control, and sediment management:

- **Construction site operator workshops for owners, operators, contractors and their consultants:** Workshops providing stormwater related educational material are offered to construction site owners and operators. The workshops provide information on applicable state and local regulations, BMPs, inspection protocols, as well as the requirements of the TPDES Construction General Permit. Construction site owners and operators who have received NOVs are targeted for attendance and receive a special invitation to the Construction workshops. In this permit term, **260** attendees participated in the **6** construction workshops hosted by the City.
- **On-site consultation with the Operator following receipt of the NOI:** The City offers on-site construction consultations to site owners and operators as they begin new construction projects in the City of Dallas. The consultations include Stormwater Pollution Prevention Plan (SWP3) review, site inspections, and answers to questions from the site owner/operator. The consultations are designed to help keep the construction site in compliance with local and state regulations as well as permit requirements. Outreach team conducted **196** consultations to **307** site owners and operators during the reporting period.
- **On-site tailgate-type training sessions in English and Spanish that are targeted to on-site construction staff:** For sites that need additional information, the City also offers on-site

construction tailgates upon request from site owners/operators. The tailgate is a customized training session tailored to the needs of the site, and the Operator. During PY7, the Outreach team conducted **13** on-site tailgates to **88** construction site workers.

G (1) b.2 - Industrial Site Operator Training

The City provides training to industrial facility owners, operators, and their consultants to disseminate information on current TPDES Multi-Sector General Permit requirements and to provide information on available resources to protect water quality in the MS4. Similar to the construction workshops, industrial site owners and operators who have received NOVs are targeted for attendance and receive a special invitation to the Industrial workshops. In this permit term, **75** attendees participated in four **(4)** industrial workshops hosted by the City of Dallas Stormwater Management.

G (1) b.3 - Municipal Staff Training (Inreach)

The City conducts an “Inreach” initiative to raise City employees’ awareness and promote pollution prevention practices to reduce discharge of pollutants into stormwater. Educational information is disseminated to City employees through electronic announcements, internet websites, new employee orientation presentations, and stormwater education modules. Topics include illicit discharges, floatables and litter, proper management and disposal of used oil and household hazardous wastes, and proper use, application, and disposal of pesticides, herbicides, and fertilizers by city staff or contracted vendors.

- **Electronic Announcements:** **Twenty-three (23)** electronic announcements were sent to accounts in the City email system through the City’s “E-Announcement” program. These announcements promoted the stormwater pollution prevention and the internal online training modules (Stormwater 101, 201, and 301).
- **New Employee Orientation:** The Stormwater Awareness training module is presented to new employees during the new employee orientation. During PY7, a total of **1,297** new City employees received web-based Stormwater Awareness training.
- **Pollution Response Education:** Classes in Spill Response and Fish Kill Response were provided to environmental specialists and other staff who have spill response or fish kill response duties. These workshops provide hands-on training in how to prevent spills from entering the storm drain, how to remediate, and how to quantify impacts of a discharge that could directly or indirectly result in fish mortality.

G (1) c - Outreach

G (1) c.1 - Community Outreach

The City provides community outreach through neighborhood-based events and presentations and larger regional events downtown. Topics can include but are not limited to illicit discharges, general pollution

prevention, and watershed science, floatables and litter, pet waste and yard waste management, used vehicular fluids and household hazardous wastes, and pesticides, herbicides, and fertilizers.

Neighborhood-based outreach is provided to Homeowners Associations, parent-teachers associations, church and school organizations, and non-governmental organizations to disseminate stormwater pollution prevention messages aimed at a wide range of topics depending upon the age group, demographics, and community interest.

The City actively promotes education and stewardship of the Trinity River corridor, by implementing annual events such as the Trinity River Photo Contest (includes tours of the winning images); the Trinity River Wind Festival, the Trinity River Levee Run and Glenn Carter Safety Challenge (Fire and Police Departments), and Carpe Diem Fishing Tournament and Paddle. These events are intended to introduce Dallas residents into the many special benefits of the Trinity River system through Dallas, and encourage personal ownership in taking care of this amazing mini-wilderness existing within the ninth largest City in the nation.

During PY7, the annual Trinity River Kite Festival was cancelled due to flooding along the river; and Earth Day Texas and associated events hosted about **87,000** participants. The Trinity River Levee Run and All out Trinity was held on March 3, 2018 and garnered over **6,500** participants who ran on the Margaret Hunt Hill Bridge over the river and along the protective levee system. The Texas Horse Park hosted several events. These events focused on environmental stewardship, evasive species removal and planting native plants in their place. Over **21,500** people participated in these events.

Over **300** school children, amateur and professional photographers submitted photos as a part of the Annual Photo Contest held from June 1, 2018 to October 15, 2018. This program provides free family fun for people of all ages and it promotes environmental stewardship for the Trinity River Corridor. In addition, the format of this program, encourages residents of Dallas to visit the amenities that are open along the river such as the Ronald Kirk Bridge and Felix H. Lozada, Sr. Gateway, Trinity Skyline Trail, Trinity Overlook, Pavaho Wetlands, Santa Fe Trestle Trail, Upper Chain of Wetlands, Trinity River Audubon Center, Texas Horse Park, Big Spring, Trinity Forest Trails, and the Lower Chain of Wetlands.

Neighborhood and community outreach efforts are supported by a large and very popular mascot: Trinity Trudy, a Dragonfly nymph. Because dragonflies live a large part of their lifecycle in streams and other water bodies, they are considered to be pollution sensitive; thus, the presence of dragonflies can indicate optimal water quality.



Figure 1-7 Trinity Trudy Mascot and Custom-Wrapped City Outreach Van

G (1) c.2 - Visitor and Tourist Outreach

The City provides outreach to visitors and tourists through a traveling exhibit that is displayed at various public locations such as Love Field, the Executive Airport, local museums and community centers and the public libraries. The Outreach team also utilized two traveling exhibitions to educate people who live and work in Dallas on stormwater issues. The exhibitions feature works of art designed to impart an important environmental message: every person in Dallas has the power to impact the local environment both positively and negatively.

The City also maintains **8** kiosks and other pamphlet displays at public venues with high visitor and tourist traffic such as City Hall, the Library, Texas Discovery Gardens, the Dallas Aquarium and Fair Park. These kiosks are stocked with brochures that address a variety of environmental topics. The kiosks contain educational stormwater pollution prevention brochures, flyers, and newsletters. During this permit term, **2,232** pieces of stormwater educational material were distributed in this manner. The City also setup a kiosk and the traveling exhibitions at the Texas Discovery Gardens during the State Fair of Texas where **20,506** visitors obtained stormwater pollution prevention education.

G (1) c.3 - Media-based Outreach

The success of the SWMP is dependent on the ability to disseminate timely and relevant information in a manner that is readily understood by the targeted audience(s). The City uses a variety of print and electronic media to disseminate program information. The use of multiple media sources expands the reach of the program, reinforces the SWMP's SCMs and encourages positive behavior concerning surface water resources. Media are developed to support the various technical and educational campaigns and are regularly updated to address current issues within the program.

The City evaluates the effectiveness of the existing advertising campaign program in changing behaviors concerning stormwater by tracking the number of people reached, website activity, and feedback received about the campaign. During this reporting period, the stormwater pollution prevention message reached about **306,945** people through outreach efforts in the community, schools, businesses, municipal staff education, construction and industrial staff education, volunteer programs, brochure distribution, and website visits. The City will continue incorporating water quality results, trends from facility and site inspections, feedback from the public, and website activity into continuous campaign adjustments.

- **Advertising campaign:** The Outreach advertising campaign included **1,119** radio ads aired on **13** radio stations, **141** print ads in **12** publications, and **2,906,392** online banners, and tile ads on websites. The campaign also included **13,603** ads, featuring four different messages, shown on **81** movie screens at 6 local movie theaters and **2,256,392** ads on **5** electronic billboards around the city and ads placed on **150** DART buses around the city. Additionally, we had **11.2 million** impressions on social media, between twitter and Facebook.
- **Stormwater web presence:** There were approximately **13,845** visits to the stormwater website (www.wheredoesitgo.com). During PY7, the website was updated to drive more web traffic towards the site, to update the content, and to make it easier to use (including a portal to facilitate uploading of permit-related compliance documents).
- **Print publications:** The City developed **3** new print publications in this permit term (including articles, water bill inserts, school book covers, and brochures). In addition to printing and distributing the City's quarterly Stormwater newsletters at events and presentation and in kiosks; they are also distributed electronically by email and posted on the Stormwater website, www.wheredoesitgo.com. Samples of these materials are included in **Appendix D**.



Figure 1-8 Stormwater Management Outreach Team, providing outreach at the Mayor's Back to School Event

G (1) d - Household Hazardous Waste

Improper disposal of hazardous and non-hazardous household substances also has the potential to degrade water quality in the MS4. The City facilitates operations of the Dallas County Home Chemical Collection Center to *"continue to implement a public education and outreach program component to promote, publicize, and facilitate: 2) the proper management and disposal of used oil and household hazardous wastes;"* [Part III.B.2.g.i.B. 2) of Permit No. WQ0004396000].

The Dallas County Home Chemical Collection Center (HCCC) provides a convenient, centralized and local disposal option for community members to properly dispose of household hazardous and non-hazardous substances. Encouraging participation in City-sponsored waste collection days as well as use of the HCCC for waste disposal, removes hazardous and non-hazardous substances from potentially impacting water quality in the MS4. In addition to hosting several one-day collection events, the HC3 center is open Tuesdays, Wednesdays, Thursdays and the 2nd and 4th Saturdays of each month year-around. Collection services are provided free-of-charge to residents of Dallas County HC3 participating cities.

The City provides funding to the Dallas County Home Chemical Collection Center (HC3) to support the Dallas County Household Hazardous Waste (HHW) Program, and promotes and assists collection events. The program focuses on decreasing improper disposal of household hazardous chemicals and used oil. Promoting this facility helps to educate residents on proper use, care and disposal of these materials.

During the reporting period, the Dallas County HC3 Program collected and properly disposed of approximately **1,875,200 pounds (938 tons)** of household hazardous waste, hazardous paint, and electronic waste; **104,535 pounds** of used oil and antifreeze (automotive fluids); **55,054 pounds** of auto batteries and **5,250 pounds** of oil filters. A total of **24,553 households** used the HC3 Program during the permit period. Dallas County estimates that **12,700 City of Dallas households** utilized the HC3 facility.

The City hosted two **(2)** one-day HHW collection events at the Southwest Center Mall. Dallas residents properly disposed of approximately **38,161 pounds (19 tons)** of household hazardous waste, hazardous paint, and electronic waste; **650 gallons** of used oil and antifreeze (automotive fluids); **255 pounds** of batteries, **100 oil filters**, and **95 pounds** of CFL's and mercury containing materials was collected during these four events.

G (1) e - Facilitate Public Reporting and Response

The Outreach section promotes public use of the 311/911 system for receiving and dispatching notice of hazardous and non-hazardous spills in order to *"continue to implement a public education and outreach program component to promote, publicize, and facilitate: 1) public reporting of illicit discharges or improper disposal of materials, including floatables, into the MS4;"* [Part III.B.2. g.i.B.1 of Permit No. 0004396000]. These systems are actively promoted by the outreach and service response personnel as the most efficient way of reporting incidents, because the calls are tracked in the Customer Response Management System (CRMS), and responses are generally made in a more-timely manner. Information on the numbers and types of calls received through the 3-1-1 system may be found under Section C – Illicit Discharges.

G (2) Public Participation and Involvement

The City engages the community in stormwater related activities to encourage the protection and enhancement of stormwater quality. The program includes opportunities for a wide variety of people who live, work and play in Dallas to participate in the SWMP development and implementation, consistent with the related permit requirement: *"include opportunities for a wide variety of constituents within the MS4 area to participate in the SWMP development and implementation"* [Part III.B.2.g.ii of Permit WQ0004396000]. The City has provided opportunities for volunteer involvement, and has also actively solicited input and feedback to the SWMP update and revision process.

G (2) a - Volunteer Opportunities

The City promotes increased community awareness and protection of stormwater quality by encouraging participation in a variety of volunteer opportunities such as the storm drain marking program, often selected by schools, scouts and interested businesses and neighborhood associations. The City has also partnered with Nestle Water, Southwest Airlines, Bank of America and others to implement native plant plantings, litter cleanups, and environmental restoration projects along the Trinity River corridor. The City also coordinates various volunteer efforts that promote environmental stewardship in and around the Trinity River. During PY7, over **237** volunteers planted trees along the Santa Fe Tresle Trails and **840** volunteers cleaned up the Trinity Trails and the Trinity Overlook Park.

The City is also a participating partner in the Texas Commission on Environmental Quality's (TCEQ) Texas Stream Team program that recruits citizen volunteers to conduct monthly sampling to augment the City's water quality program. Volunteers currently monitor at **75** locations in **27** watersheds across the City. City staff provides the volunteers with sampling kits and equipment, and work with groups such as the Aquatic Alliance to conduct basic training in water quality sampling and stream observation.

G (2) a.1 - Storm Drain Marking

The City promotes storm drain marking as a way of fostering stewardship and raising awareness concerning illicit discharges flowing into storm drains. During PY7, the City conducted **4** storm drain marking training and marking events for **30** volunteers. A total of **317** storm drain inlets were marked during these events.

G (2) a.2 - Texas Stream Team

The City also facilitates volunteer participation in the Texas Stream Team Volunteer Water Quality Monitoring Program (formerly "Texas Watch"). These activities are part of a state-wide program that promotes watershed stewardship by soliciting volunteers to monitor ambient water quality in local creeks, lakes, and rivers. Volunteers monitor for: pH, air temperature, water temperature, conductivity, and dissolved oxygen, and make field observations. The City has been fortunate to be able to team with the Aquatic Alliance, a local non-governmental organization, to provide the coordination and training for this program. While the Aquatic Alliance provided a bulk of the volunteer training classes during PY7, the City conducted **5** training classes, and a combined City/Volunteer effort of **256** monitoring events, at **156** locations in **27** sub-watersheds as a part of the Texas Stream Team Program. The City ~~also~~ tracks this program by mapping volunteer sample locations, verifying equipment assignments, and verifying reagent supply/quality. The City is planning to continue their alliance with the Alliance during the next permit term, and looks to increase the number of City-provided classes and training opportunities.



Figure 1-9 Texas Stream Team Training Class, Citizens Performing Water Quality Testing

G (2) b - SWMP Development and Public Involvement

SWMPs can be a great tool to use in fostering community stewardship of the streams and creeks of their neighborhoods. The SWMP is also improved by involving the community into the process of developing and implementing the program. The public gains greater insights into the program challenges, and the program in turn, gains insights into the community's priorities. The City engaged the public in the development of the SWMP by providing related information on the City's websites and newsletter, and by providing a web portal to solicit input into the new draft SWMP. The City provided information at four different Spring events in April and May (including Earth Fest, Green Fest, the Dallas Home and Garden Show, and Cinco de Mayo), and placed the SWMP on the website, to provide information concerning program activities, and to solicit feedback to be used to develop future annual SWMP updates. To date, only minor comments have been provided, and have been incorporated accordingly.

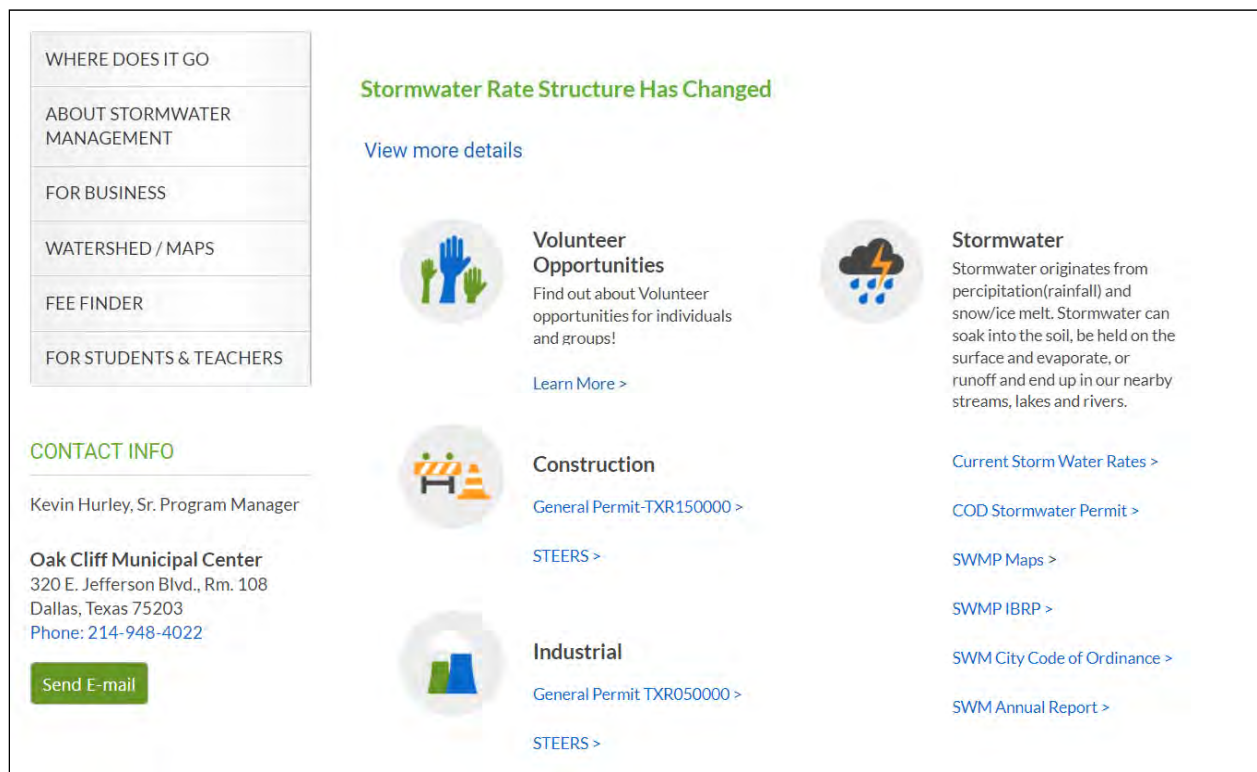


Figure 1-10 Opportunities for Public Involvement - Website

G (2) c Outreach Program Evaluation

The City estimates that the Outreach program has reached about **303,945** people, outside of media efforts. This is over a 200% increase in people reached since 2014. Those numbers include an increase in the number of presentation participants in K-12 grade presentations of 33%, and an increase of 174% in the number of college students reached. By targeting our message to certain businesses in the Dallas area, we increased the number of business professionals reached by over 1,000%. The increase in people reached coupled with our expanded web presence, both on our new website and through social media has enabled us to educate a larger number of people than in previous years.

The Outreach program continues reach stakeholders in a wide-variety of ways, effectively attaining the goals of this MCM.

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Table G-1 Summary of Performance: MCM 7 - Public Education and Outreach/Public Involvement Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
G (1) Public Education and Outreach			
G (1) a.1 - Community Education			
1. Present one (1) annual presentation to community organizations in each of the five (5) target programs: • Illicit discharge (IDDE) • Pesticides, herbicides and fertilizers (PHF) • Used Oil Toxic Materials (UOTM) • Pet waste • Yard waste	Number of presentations for each program, and attendees	Permit Year (PY) PY1 – PY5	Presented 33 community presentations and events to 8,480 resident participants. • 4 - Illicit discharge (IDDE) • 2 - Pesticides, herbicides and fertilizers (PHF) • 1 - Used Oil Toxic Materials (UOTM) • 9 - Pet waste • 6 - Yard waste Also presented community presentations and events in the following programs. 4 - Litter & Floatables 7-General Stormwater Education
G (1) a. 2 - School Education			
1. Present five (5) educational presentations per year to K-12 students within the City's watersheds, including assemblies, camps, story time, and library events.	Number and geographic distribution of presentations	PY1 – PY5	• 113 educational presentations to 10,018 K-12 students. • Presented education to university-level, teachers, and school facility management staff. • 13 classes to 1,340 university- level students

Table G-1 Summary of Performance: MCM 7 - Public Education and Outreach/Public Involvement Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
G (1) a.3 Business Education			
1. Present one (1) annual presentation to businesses/ trade organizations in each of the five (5) target programs: • Illicit discharge (IDDE) • Pesticides, herbicides and fertilizers (PHF) • Used Oil Toxic Materials (UOTM) • Yard waste • Animal waste	Number and geographic distribution of presentations	Permit Year (PY) PY1 – PY5	Presented 46 presentations and events to 1,406 business/trade organizations participants. • 13 - Illicit discharge (IDDE) • 5 - Yard waste • 4- Animal waste • 4- Pesticides, herbicides, and fertilizers (PHF) • 12- Used Oil and Toxic Materials (UOTM) In additional to 5 target programs, also presented the following related programs: • 4 - Litter & floatables • 4 - General stormwater education
G (1) b - Technical Training			
G (1) b.1 - Construction Site Operator Program			
1. Present two (2) workshops to contractors, operators and construction site affiliated personnel on acceptable construction site SCMs, per year.	# of workshops provided and number of attendees	PY1 – PY5	6 Construction Workshops to 260 contractors, operators, and construction site affiliated personnel

Table G-1 Summary of Performance: MCM 7 - Public Education and Outreach/Public Involvement Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
2. Present on-site consultations to operators and construction site personnel on site-specific construction site SCMs, per year.	# of consultations provided and number of attendees	PY1 - PY5	196 on-site consultations to 395 operators and construction site personnel
3. Present on-site tail-gate training sessions to operators and construction site personnel on acceptable construction site SCMs, per year.	# of tailgate training sessions provided and number of attendees	PY1 – PY5	Presented 13 on-site tail-gate training sessions to 88 operators and construction site personnel
G (1) b.2 - Industrial Operator Workshops			
Present two (2) workshops to industrial operators on TPDES stormwater permit requirements, per year.	Workshops provided and number of attendees	PY1 – PY5	Presented 4 workshops to 75 industrial operators
G (1) b.3 - Municipal Staff Training (Inreach)			
1. Publish two (2) electronic announcements addressing stormwater management, per year.	# of Announcements published	PY1 – PY5	Published 23 electronic announcements
	Topic(s) of announcements published	PY1 – PY5	Used Oil and Toxic Materials (SW301 Online Training Module); Construction Compliance workshops, Industrial Compliance Workshops; Earth Day and Earth Month activities and events;
2. Provide two (2) internal training events on current stormwater issues, per year.	# training events and attendees	PY1 – PY5	Provided 5 internal training events to 369 municipal staff members

Table G-1 Summary of Performance: MCM 7 - Public Education and Outreach/Public Involvement Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
3. Educate employees about stormwater pollution prevention practices.	Number of employees completing "Stormwater Awareness Training" during new employee orientation	PY1 – PY5	Educated 1,297 employees during new employee orientation. 16,500 employees learned about stormwater pollution through e-announcements
4. Provide at least one (1) internal and one (1) community training on spill prevention, per year.	Training events conducted on Spill Prevention and number of attendees	PY1 – PY5	Conducted 0 Spill Response and 1 Fish Kill training classes for employees and interested members of the public
5. Provide at least one (1) internal City spill response training, per year.	Training events conducted on Spill Response and number of attendees	Permit Year (PY) PY1 – PY5	Provided 1-40 hour and 1-8 -hour refresher HAZWOPER training classes. (50 attendees)
6. Identify City employees certified to perform incident response.	Number(s) of staff trained and types of certifications	PY1 – PY5	50 staff trained to perform incident response.
G (1) c.1 - Community Outreach			
1. Provide Community outreach by participating in neighborhood events and providing general stormwater pollution prevention information	# and type of events with staff participation	PY3– PY5	31 -Neighborhood-focussed events
2. Participate in regional Community-focused events that foster natural resource stewardship	# and type of events with staff participation	PY3– PY5	39 -Regional events (Wind Festival, Levee Run, Trinity River clean-ups, Mayor's Back to School event etc.)
	# and type of events with Trinity Trudy mascot participation	PY3– PY5	5 – Events with mascot

Table G-1 Summary of Performance: MCM 7 - Public Education and Outreach/Public Involvement Activities			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period (October 1, 2017 Through Sept. 30, 2018)
G (1) c.2 - Visitor & Tourist Outreach			
1. Provide Outreach to Visitors & Tourists through travelling exhibit(s)	#, types and places for travelling exhibits	PY3– PY5	5 events – Stormwater Travelling Exhibit 3 -places Trinity River Photo Contest Exhibits displayed
2. Provide Outreach to Visitors & Tourists through public kiosks with electronic messages or brochures	# brochures distributed through Kiosks	PY3– PY5	8 -Kiosks with over 2,232 brochures picked up
	# Texas State Fair attendees taking brochures	PY3– PY5	Texas State Fair exhibit 20,506 brochures provided

Table G-1

Summary of Performance: MCM 7 - Public Education and Outreach/Public Involvement Activities

G (1) c.3 – Media-based Outreach			
1. Provide media-based outreach to reach a variety of target audiences	# and types of media used	PY1 – PY5	1,119 radio ads on 11 stations
			141 print ads, in 11 publications
			13,358 ads at Movie theaters
			13,845 stormwater website visits
			>2,256,392 electronic billboard ads/5
			150 DART Bus ads
G (1) d Household Hazardous Waste			
Promote appropriate management & disposal of used oil and HHW	# of events and materials collected through HHW collection events and center	PY1 – PY5	Performance addressed under MCM 3 – Illicit Discharges, Task C (4)
G (1) e Facilitate Public Reporting and Response			
Promote public reporting and response	# and type of community requests for service	PY1 – PY5	Performance addressed under MCM 3 – Illicit Discharges, Task C (2) a
G (2) Public Participation/Involvement			
G (2) a - Volunteer Opportunities			
1. Encourage participation in the Texas Stream Team volunteer water quality monitoring program within the City limits of Dallas.	# of Texas Stream Team trainings and recertified members	PY1 – PY5	5 Texas Stream Team training classes offered

Table G-1 Summary of Performance: MCM 7 - Public Education and Outreach/Public Involvement Activities			
2. Encourage participation in the storm drain marking program.	Number of participants and watersheds represented	PY1 – PY5	256 participants performed regular monitoring in 27 sub-watersheds
	# of Storm drains marked	PY1 – PY5	4 Storm drain marking events in 1 watershed with 30 participants.
G (2) b - SWMP Development/Public Involvement			
1. Develop update to website(s) to solicit public input.	Update(s) made, and comments received	Permit Year 1, 3 and 5	NA this term
G (2) a Education and Outreach Program Evaluation			
1. Evaluate the existing stormwater education program for effectiveness and make recommendations for potential changes to the SWMP in the annual report.	Number of people reached determined by attendance	Permit Years 1, 3 and 5	PY7 303,945
	Document geographic distribution of outreach program activities in correlation with annual water quality data	Permit Years 2 and 4	N/A for PY7

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***MCM / Element 8 -
Monitoring, Evaluation
and Reporting***

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H. MCM 8 - Monitoring, Evaluation and Reporting

The City maintains a comprehensive monitoring program in order to obtain the data needed to guide program implementation, and to evaluate water quality improvement degradation or improvement over time. The program meets or exceeds the permit requirements to “*implement...monitoring and screening programs for dry weather, wet weather, industrial and high-risk runoff*” [Part III.B.2.h of TPDES Permit No. WQ0004396000].”

The City’s water quality monitoring program includes storm event discharge monitoring under Option 1, participation in the Regional Wet Weather Characterization Program (RWWCP) [Part IV.A.1 of TPDES Permit No. WQ0004396000], along with local wet weather monitoring within all 12-digit Hydrologic Unit Code (HUC) -defined watersheds that comprise a portion of the Dallas permit area at least once during the permit term. Rapid bioassessment protocol (RBP) monitoring is also performed during the spring and summer sampling periods within in all 12-digit HUC-defined watersheds in Dallas every year. Additional quarterly monitoring is performed along the Trinity River through Dallas in support of Total Maximum Daily Load (TMDL) assessment, in accordance with the QAPP for the Texas Clean Rivers Program (TCRP) as implemented by the Trinity River Authority (TRA). The water quality data obtained through these efforts are used to guide other programmatic screening, BMP evaluation and outreach efforts.

- **Status of Implementing the SWMP:** All measures proposed in the SWMP for PY7 are fully implemented per the compliance schedule, and are functioning as intended to prevent the discharge of pollutants to the MS4 to the maximum extent practicable (MEP). A description of program activities related to Monitoring, Evaluation, and Reporting follows. Table H-1 at the end of this section provides a summary of activities completed during the reporting period
- **Proposed Changes to the SWMP for the next Reporting Year:** The City has reviewed the BMPs within this MCM for effectiveness; there are no changes to the SWMP proposed at this time.
- **Number and Nature of Enforcement Activities:** Not Applicable.

H (1) Dry Weather Screening

The City’s dry weather screening program focuses on identifying and eliminating illicit connections and improper discharges to the MS4. The program meets the permit requirements to “continue efforts to detect the presence of illicit connections and improper discharges to the MS4. The permittee shall identify high risk and high priority areas, which shall include, but not be limited to heavy commercial and heavy industrial areas. These high risk and high priority areas must be screened at least once per permit term” [Part III.B.2.h.i of TPDES Permit No. WQ0004396000]. Watersheds are prioritized for dry-weather screening by age of the neighborhood, age and condition of the infrastructure, and areas with heavy industrial and commercial land uses.

The screening process includes the use of geospatial technology to locate outfalls, recording any observations of discharge from the outfall, and sample collection. Collected samples are sent to a contracted laboratory for analysis. The source of the flow is investigated based on the analytical data and is traced to the source-using CCTV equipment. When an improper discharge is identified, the City notifies

the owner/operator of the discharge source and requires them to correct the problem. The City conducts a follow-up inspection to verify that the problem has been corrected.

During the reporting period, through the dry weather screening program, the City monitored **829** outfalls in **14** HUC-12 watersheds. Table 1-H.1 summarizes the City's dry weather screening efforts during the reporting period.

Table 1-H.1 Dry Weather Screening Activities				
12 Digit HUC Watershed	Watershed	# of Outfalls Inspected	# of Outfalls with Drainage	# Illicit Discharges
Lower West Fork Trinity River (Texas Stream Segment 0841)				
Fish Creek-Mountain Creek Lake	FC-MCL	0	0	0
Cottonwood Creek-Mesquite Creek Lake	CC-MCL	1	0	0
Delaware Creek-West Fork Trinity River	DC-WFTR	2	0	0
Elm Fork Trinity River (Texas Stream Segment 0822)				
Farmers Branch-Elm Fork Trinity River	FB-EFTR	20	0	0
Bachman Branch-Elm Fork Trinity River	BB-EFTR	77	7	0
White Rock Creek System (Texas Stream Segment 0827)				
Floyd Branch-White Rock Creek	FB-WRC	36	0	0
White Rock Creek-White Rock Lake	WRC-WRL	84	0	0
City of Dallas-White Rock Creek	COD-WRC	117	0	0
Main Stem Trinity River (Texas Stream Segment 0805)				
Headwaters-Turtle Creek	HTC	218	1	0
Turtle Creek-Trinity River	TC-TR	106	1	0
Five Mile Creek System (Unclassified Water Body)				
Headwaters Five Mile Creek	HFC	55	0	0
Five Mile Creek-Trinity River	FMC-TR	96	22	0
Other Unclassified Creeks				
Upper Prairie Creek - Trinity River	UPC-TR	1	0	0
Headwaters Ten Mile Creek	HTM	15	0	0
Lake Ray Hubbard (Texas Water Segment 0820)				
Duck Creek	DC	1	0	0
TOTAL:		829	31	0

In PY7, a total of **14** new outfalls were identified and **31** outfalls with a discharge occurring during dry weather were observed and investigated. Five Mile Creek-Trinity River watershed comprised only sixteen (**16**) percent of the total outfalls inspected but accounted for seventy-one (**71**) percent of the outfalls with dry weather discharge. The observed flows were generally natural flows, i.e. groundwater infiltration or runoff from irrigation.

Table 1-H.2 Examples of Illicit Discharge Detection and Elimination Activities				
HUC-12 Watershed	Address	Date	Identified Discharge	Date IDDE Resolved
Five Mile Creek-Trinity River	1600 Pine St.	10/17/2017	Ready-mix-Concrete washout waters	10/18/2017
Turtle Creek-Trinity River	600 Garza Ave	11/15/2017	Red Paint spilled along road curbside	11/17/2017
City of Dallas-White Rock Creek	3533 Beal St.	12/16/2017	Red color wastewater discharged from Totes/Container washout in bar ditch	12/21/2017
Farmers Branch-Elm Fork Trinity River	Forest Lane & High Dale	1/9/2018	Wastewater discharge from Car Wash into MS4	2/23/2018
Bachman Branch-Elm Fork Trinity River	5230 Royal Ln	1/17/2018	Sediment laden water discharged from construction site	2/7/2018
Headwaters Turtle Creek	Reunion Blvd & Regency Hotel St	3/22/2018	Raw sewage water discharged due to infrastructure clog due to pump malfunction	3/23/2018
	1428 Wycliff	5/8/2018	Hilton Anatole's deteriorating wastewater infrastructure caused infiltration into MS4	6/1/2018
Headwater Five Mile Creek	812 Tarryall Dr	6/18/2018	Sediment Discharge from construction site into MS4	6/26/2018
Headwaters White Rock Creek	19200 Dallas Pkwy	6/28/2018	Approximately 250 gallons discharge from NTNWD sewage manhole	6/28/2018
White Rock Creek-White Rock Lake	6769 Abrams Rd	8/8/2018	Cooking Oil grease spilled	8/14/2018
	6828 Aberdeen Ave	9/28/2018	Ready-mix-Concrete washout waters	9/29/2018

As discussed in Section 1-C., “MCM 3 -Illicit Discharge Detection and Elimination”, **400** illicit discharge investigations were conducted in response to customer service requests concerning chemical spills, illegal dumping, and abandoned substances. Table 1-H.2 includes examples of some of the illicit discharges during the reporting period. Staff also collected water quality samples in response to citizen complaints

regarding surface water quality. SWM collected a total of **395** samples as a result of SWMP activities, special surface water quality projects, customer complaints/service requests, and fish kills.

H (2) / H (4) Wet Weather Screening and Characterization

The City implements Wet Weather screening and characterization in accordance with permit requirements to *“Identify, investigate, and address areas within their jurisdiction that may be contributing excessive levels of pollutants to the MS4. The wet weather program must: (A) screen the MS4 as specified in the SWMP; and (B) specify the sampling and non-sampling techniques to be used for current screening and follow-up screening” [Part III.B.2.h.ii of TPDES Permit No. WQ0004396000].*

The City’s wet weather program includes both participation in the NCTCOG Regional Wet Weather Characterization Program (RWWCP) and a local wet weather program that monitors each of the 32 12-digit Hydrologic Unit Code-defined watersheds wholly or partially contained within the Dallas MS4.

H (2) a - Regional Wet Weather Characterization Program

Participation in the Regional Wet Weather Characterization Program (RWWCP) was offered as an option in Part IV.A.1 of the TPDES Phase I MS4 permits that were issued to cities located within the NCTCOG region. The RWWCP is implemented by the NCTCOG, and all data associated with this program is reported to the TCEQ by NCTCOG on behalf of the participating entities.

Sample collection and analysis for RWWCP resumed at the beginning of calendar year 2018. The RWWCP sampling and analysis plan includes: three **(3)** sites in the Headwaters Turtle Creek watershed, three **(3)** sites in the Turtle Creek-Trinity River watershed, three **(3)** sites in the White Rock Creek-White Rock Lake watershed, and three **(3)** sites in the Five Mile Creek-Trinity River watershed. The City submitted the data to the NCTCOG RWWCP program quarterly; these data will be formally submitted by the NCTCOG to the TCEQ with the regional program data submission-

H (2) b - Local Wet Weather Screening

The City monitored wet weather events through a local wet weather-screening program designed to identify and investigate areas that may contribute excessive levels of pollutants to the MS4, and to establish baseline data on receiving streams in the Dallas area that may be used to evaluate long-term water quality trends. The City is required to perform bi-annual wet weather screening from each watershed that is located entirely within the City limits at least once per permit term. The City obtained wet weather sampling in **five (5)** watersheds during the reporting period. **Table 1-H.4** provides a summary of the local wet weather sample collection activities screened during the reporting period.

Table 1-H.4 Local Wet Weather Sample Collection Activities 2017-2018			
12 Digit HUC Watershed	Sample ID	Site	Date(s) Sampled
Floyd Branch-White Rock Creek	FLBR1	9010 Markville Dr., Dallas	10/3/2017, 8/9/2018
Headwater-White Rock Creek	UWRC1	5901 Kelly Springs Rd., Dallas	10/15/2017, 9/3/2018
Bachman Branch-Elm Fork Trinity River	LBAC1	9400 Harry Hines Blvd, Dallas	10/22/2017, 7/9/2018
Upper Prairie Creek-Trinity River	PRAI3	8751-8899 U.S. 175 Frontage Rd., Dallas	11/8/2017, 6/4/2018
Bachman Branch-Elm Fork Trinity River	UBAC1	8900 Midway Road, Dallas	12/16/2017, 7/9/2018

The water quality sample results are listed by watershed and sample location in Table E-1a and Table E-1b in **Appendix E**.

H (3) Industrial and High- Risk Monitoring Program

The City's industrial and high-risk monitoring program evaluates the water quality of stormwater runoff discharges to the MS4 by permitted industrial facilities that may contribute substantial pollutant loads to the MS4. The City does not perform the actual sampling for these sites, but typically reviews either the data or the "No Exposure" certifications or "No sampling" letter provided by the permitted facilities. Data are reviewed for compliance with the individual facility permit requirements and/or the TPDES Multi-Sector General Permit. See section 1.E., "MCM 5 - Industrial and High-Risk Runoff" for additional details and PY7 activities and results.

H (4) Floatables Monitoring

As described in MCM1, Structural controls, the City uses a variety of activities to: *"reduce the discharge of floatables (e.g., litter and other human generated solid refuse) into the MS4. The permittee shall include source controls and, where necessary, structural controls and other appropriate controls where necessary [Part III.B.2.a.ii of TPDES Permit No. WQ0004396000]."* Floatables form the most visible indication of man-made pollution to surface water.

The City maintains, monitors, and cleans three (3) litter booms, one each at Bachman Lake, Williamson Branch Creek at White Rock Lake, and at Lake Cliff Park. Each boom is frequently inspected (at minimum monthly); In PY7 **673** inspections occurred. Monitoring, routine inspections, and regular maintenance and cleaning of the litter booms prevent debris from entering the MS4. Each site includes a litter boom that floats at or near the water surface and extends across the width of the creek to trap floating materials.

The City regularly monitors the condition of each boom. As needed, each site is cleaned when the areas adjacent to the booms allow equipment access without damaging the adjacent shoreline. In PY7, **165** cubic yards of floatable debris was removed from the City's litter booms.

H (5) Rapid Bio Assessment Protocol Sampling

The City performs rapid bioassessment protocol (RBP) monitoring as a part of the RWWCP, and to obtain a complete dataset each year for the watersheds that are wholly contained within the MS4. The City uses the rapid bioassessment protocols (RBP) as set forth in the TCEQ "Surface Water Quality Monitoring Procedures, Volume 2: Methods for Collecting and Analyzing Biological Community and Habitat Data (TCEQ, 2007, RG-416). The RBP monitoring evaluates the chemical, physical, and biological in-stream features that promote a healthy and diverse habitat; as such they provide a good assessment of overall watershed health. The RBP monitoring program involves performing an Aquatic Life Use (ALU) assessment through benthic macro-invertebrate collection, habitat assessment, and evaluating water quality samples from **19** of the 12-Digit HUC Code watersheds within the City boundaries. Forty-seven (**47**) sample sites were assessed through water quality samples only, and **26** sites were assessed using biological sampling, as well as water quality samples and habitat assessments.

The City's SWMP requires sample collection from at least two water bodies that receive MS4 discharges plus a reference site. The City selected four designated compliance sites based on geographical coverage, historical data, similar habitat, and perennial flow. Tables listing the compliance and reference sites used for the RBP are included in Tables E-3a and E-2b, respectively, in Appendix E.

Two sampling events were conducted in accordance with the index periods established by TCEQ for biological sampling:

- **Spring Period** (March 15th to June 30th): Targets spring's optimal conditions for biological community growth.
- **Summer Period** (July 1st to September 30th): Reflects impacts from typical summer low flows and higher water temperatures.

Under the RBP, each water body is given a composite score that is determined through evaluation of numbers and diversity of macro invertebrates, water quality parameters, stream habitat features and other metrics. A sample of each monitoring site's macro invertebrate community determines the sites' Aquatic Life Use (ALU) metric. Since 2005, the City of Dallas has used the Benthic Macro-Invertebrate Index of Biotic Integrity (IBI) to test ALU. A sample from each monitoring site is tested according to the IBI. Twelve (**12**) biological metrics, pertaining to insect community diversity and balance are calculated from the identification for each station. The values are tabulated for a total score, independent of the reference site that indicates the aquatic life use. Two full rapid bio assessment seasons occurred during the reporting period and are included in this report.

During the 2018 bio assessment season, there were **26** monitoring sites assessed through benthic macro invertebrate collection, habitat assessments, and evaluating water quality samples. Macroinvertebrate samples were not collected from one site during summer as the site was not accessible. The average

aquatic life use for all monitored sites was Intermediate, with ratings ranging from Limited to High. The average ALU for the spring monitoring period was Intermediate; the average remained at the Intermediate level for the summer monitoring period. Fifteen (15) sites, (58%) remained at the same ALU level throughout the two sampling periods, 2 sites (8%) saw improvement in ALU from the spring to the summer period, and 7 sites (28%) had lower ALU scores in the summer monitoring period.

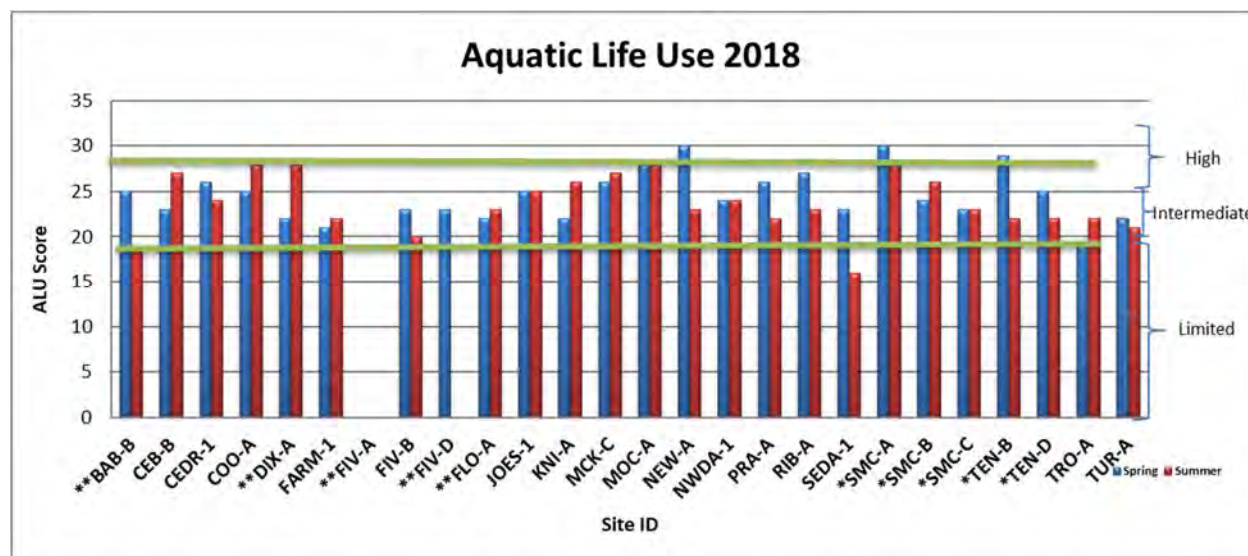


Figure 1-11, Aquatic Life Use, 2018 Season

Table 1-H.5 provides a summary of the ALU statistics, and these data are illustrated in Figure1-11. The analyses and supporting data are included in Appendix E.

	Spring 2018		Summer 2018	
Minimum	19	Limited	16	Limited
Maximum	30	High	28	Intermediate
Mean	25	Intermediate	24	Intermediate
Median	24	Intermediate	23	Intermediate
Standard Deviation	2.79	--	3.14	--

Figure 1-12, Aquatic Life Use Statistics, 2018 Season

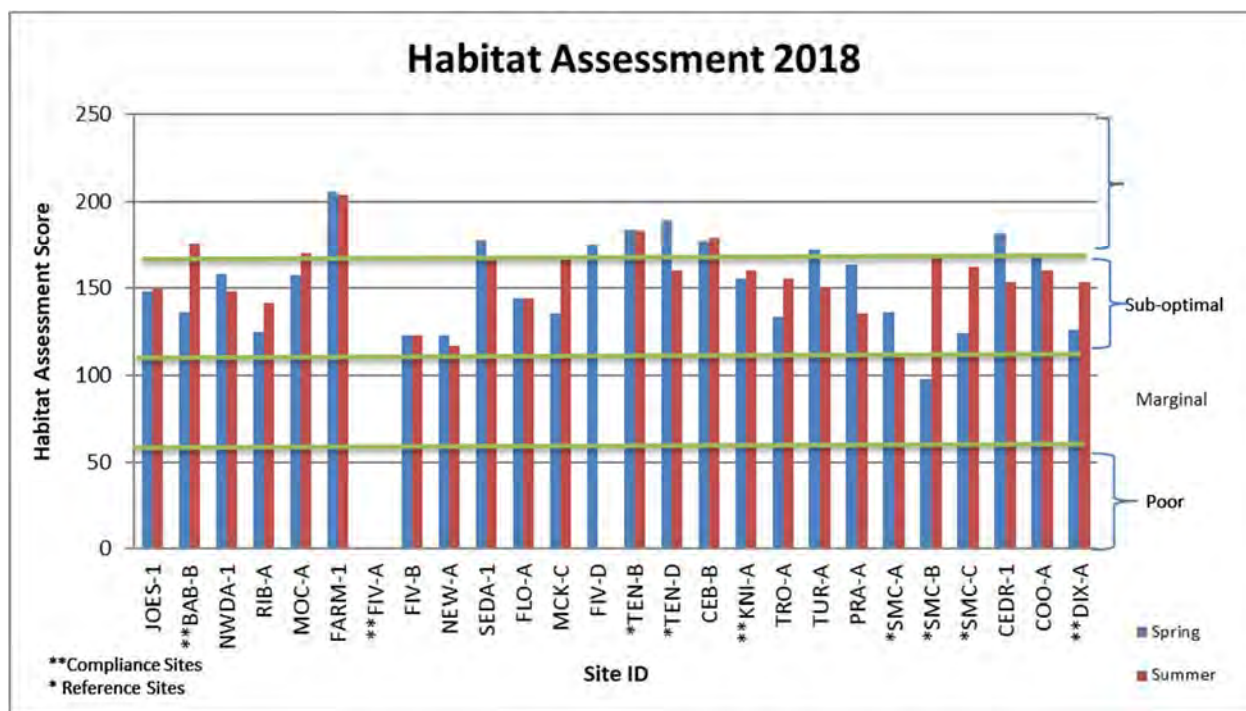


Figure 1-13, Habitat Assessment, 2018 Season

On average, a majority 50% of bio assessment sites scored a sub-optimal rating for habitat assessment indicating that there is room for watershed improvement. However, **42%** of the sites received an optimal score; **only 8% rated as marginal, conditions.**

As would be expected, the average habitat assessment score dropped slightly from the spring to the summer sampling periods, but remained within the sub-optimal ranking. Table 1-H.6 provides a summary of the habitat assessment statistics; these data are illustrated in Figure 1-8 above. The analyses and supporting data are included in Appendix E, table E-3a.

Table 1-H.6 PY7 Habitat Assessment Statistics				
	Spring 2018		Summer 2018	
Minimum	98	Marginal	110	Marginal
Maximum	206	Optimal	204	Optimal
Mean	153	Sub-optimal	156	Sub-optimal
Median	155	Sub-optimal	158	Sub-optimal
Standard Deviation	26.52	--	37.40	--

Water quality samples were collected for the bioassessment program during the spring and summer sampling periods. Samples were collected from **47** different sites and together provide a comprehensive picture of the overall water quality for the City. These samples were analyzed for:

- Chemical oxygen demand,
- Conductivity,
- Temperature
- Dissolved oxygen,
- pH
- Copper,
- Bacteria (*E. coli*, and total coliform)
- Iron,
- Ammonia/ Nitrate/Nitrite,
- Phosphorous,
- Surfactants,
- Total Suspended Solids,
- Turbidity

The laboratory results from the RBP water quality testing generally indicated no significant change from 2017 to 2018. However, dissolved oxygen measurements indicated slight water quality degradation; Iron measurements showed slight water quality improvement. ***See Section 3.0 “Identification of Water Quality Improvement...” for details.***

H (6) TMDL Implementation Plan Support

Segments 0805-03 and 0805-04 of the Trinity River that pass-through Dallas are presently included on the 2012 Clean Water Act Section 303(d) list of impaired waters for bacteria, and for polychlorinated bi-phenols (PCBs) in fish tissue. The Trinity River Authority (TRA) currently monitors the classified waters of the Trinity River under contract with the TCEQ as a part of the Texas Clean Rivers Program. The City signed a partnering agreement with the TRA in 2011 and monitors water quality at locations along the Trinity River through Dallas.

The City has participated in ongoing regional meetings convened by the TCEQ at the NCTCOG offices concerning the development of TMDLs for PCBs in fish tissue along the Trinity River. To date, regional plans involving the City aimed to reduce PCBs in fish tissue have not yet been finalized.

The City participated in the regional efforts to develop the TMDLs for bacteria along the Trinity River. In support of the iPlan for bacteria, City staff participated in the stakeholder meetings convened by the NCTCOG. Also, the City is conducting quarterly monitoring for bacteria along the Trinity River, at the three locations listed in Table 1-H.7. TRA also submits data to TCEQ for incorporation into the statewide water quality database, where the data can be used in decision-making and regulatory processes. These data will be used to assess water quality improvement or degradation relative to the bacteria TMDLs.

Table 1-H.7 Texas Clean Rivers Program Trinity River Sample Locations in Dallas					
Site Description	Station ID#	Waterbody ID	Region	LAT	LONG
Boat Ramp Located on Sylvan @ Trinity River	20933	0805-04	04	32.78989 2	- 96.835175
Standing Wave at Santa Fe Avenue/DART Rail	20934	0805-04	04	32.75292	-96.79165
SH 310 Bridge at Trinity River	20444	0805-03	04	32.74988 9	-96.77763

The City used the iPlan along with data collected from the bio-monitoring program, the wet weather screening, and the TCRP to develop the interim Bacteria Reduction Plan (iBRP) to address bacteria TMDLs through Dallas. The iBRP was completed in September 30, 2012, and forms Appendix B of the SWMP. See Section 4.0 “Progress Towards Implementing the Interim Bacteria Reduction Plan (iBRP)” for additional details.

Table H-1			
Summary of Performance: MCM 8 - Monitoring, Evaluation and Reporting			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period
H (1) Dry Weather Screening			
Investigate flows from outfalls during dry weather, sample the discharge, investigate the source, and act to eliminate the discharge.	# of Outfalls inspected, discharges found, and sources identified	Permit Year (PY) PY1 - PY 5	829 Outfalls inspected in 14 watersheds
			31 Outfalls with discharges to water bodies
			0 Illicit discharge was detected through dry weather monitoring
H (2)/ H (4) Wet Weather Screening and Characterization			
1. Coordinate with the NCTCOG Regional Wet Weather Characterization Program and perform sampling per RWWCP schedule.	Wet weather screening results for each watershed sampled	PY1 - PY5	36 samples were collected for the Regional Wet Weather Program during this year from 4 watersheds.
2. Perform bi-annual wet weather screening within designated watersheds once per permit term in accordance with the local Wet Weather Sampling Program.	Wet weather screening results for each watershed sampled	PY1 - PY5	Four (4) watersheds screened and sampled for local wet weather data

Table H-1 Summary of Performance: MCM 8 - Monitoring, Evaluation and Reporting			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period
H (3) Industrial and High- Risk Monitoring			
1. Identify and prioritize the facilities that have the potential to discharge pollutants into the MS4.	# of Facilities required to submit monitoring data	PY1 - PY5	282
	# of data sets received and reviewed	PY1 - PY5	150
2. Evaluate SCMs, or inspection and monitoring programs, for effectiveness.	# of Facilities required to submit an Action Plan and/or more frequent monitoring to reduce pollutants discharged into the MS4	PY1 - PY5	1
H (4) Floatables Monitoring			
1. Inspect litter booms for trapped materials, at least two (2) times per year.	# of Litter boom inspections performed	PY1 - PY5	673 Litter boom inspections conducted
2. Remove, dispose, and recycle if possible, collected materials.	Volume of floatables collected and disposed in CY	PY1 - PY5	165 cubic yards of debris was removed
H (5) Rapid Bio-Assessment Protocol Monitoring			
1. Perform Rapid Bioassessment Protocol monitoring in at least three (3) watersheds plus a reference site, per year.	RBP monitoring results	PY1 – PY5	19 Permit watersheds monitored
			73 Water quality sites
			26 Bio assessment sites
			2 Bioassessment sample periods per year

Table H-1, (Continued) Summary of Performance: MCM 8 - Monitoring, Evaluation and Reporting			
Activities	Metrics to be Tracked Annually	Implementation Schedule	Implementation Status for Reporting Period
H (6) TMDL Implementation Plan Support			
1. Develop Interim Bacteria Reduction Plan (iBRP) that outlines measure the City will implement to reduce Bacteria concentrations within the City	Append iBRP to SWMP	Permit Year 1	iBRP completed and Appended to SWMP
2. Participate in development of a Total Maximum Daily Load (TMDL) Implementation Plan for bacteria.	Document participation	PY1 – PY5	City staff attended meetings on 5/24/18 and 12/18/2017
3. Participate in development of a TMDL Implementation Plan for polychlorinated biphenyls (PCBs) in fish tissue.	Document participation	PY1 – PY5	No regional activities have occurred since PY4
4. Provide ambient conditions sampling at 3 locations along the Upper Trinity River in accordance with protocols included in the TRA CLRP QAPP.	Provide ambient water quality results in SWMP Annual report	PY1 – PY5	Samples collected for Trinity River Authority on 10/18/17, 1/17/2018, 4/18/2018, and 7/18/2018

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SECTION 2 – PROPOSED CHANGES TO STORMWATER MANAGEMENT PROGRAM

In accordance with Part IV.C.3.a of the TPDES Permit No. WQ0004396000, the Stormwater Management Plan (SWMP) was reviewed and the proposed revisions and rationale for revisions are outlined below. This section compiles the proposed changes as outlined under each MCM in Section 1 of this Report. **NOTE:** In 2016, the City submitted its application to renew permit WQ0004396000; the TCEQ notified the City that its renewal application was administratively complete on July 7, 2016. Further details on proposed changes to the SWMP for the next permit term can be found in that application.

The SWMP, as provided contains several revisions to strengthen the program and streamline program administration. The revisions to the SWMP have been made in consideration of State and Federal water quality regulations and other guidance including, but not limited to: 40 CFR 122.26(d)(1)(iii)(B), the City's existing TPDES permit, the United States Environmental Protection Agency (U.S. EPA) MS4 Program Evaluation Guidance (January 2007), the National Research Council (NRC), Urban Stormwater Management Report (NRC, 2008) and the recent EPA MS4 Permit Improvement Guide (April 2010). The primary SWMP revisions and the related rationale are as follows:

MCM 1: MS4 Maintenance Activities – no changes proposed at this time;

MCM 2: Post Construction Stormwater Control Measures - no changes proposed at this time;

MCM 3: Illicit Discharge Detection and Elimination - no changes proposed at this time;

MCM 4: Pollution Prevention and Good Housekeeping – no changes proposed at this time;

MCM 5: Industrial and High- Risk Runoff - no changes proposed at this time;

MCM 6: Construction Site Stormwater Runoff – no changes proposed at this time;

MCM 7: Public Education, Outreach, Involvement and Participation - no changes proposed at this time;

MCM 8: Monitoring, Evaluation and Reporting – no changes proposed at this time;

Other Minor Changes: None.

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SECTION 3.0 - IDENTIFICATION OF WATER QUALITY IMPROVEMENT, DEGRADATION, AND PROGRESS TOWARDS MEASURED REDUCTION OF POLLUTANTS

Water quality improvements and degradation have been assessed according to measurable goals established in the SWMP created as part of the City's TPDES permit requirements.

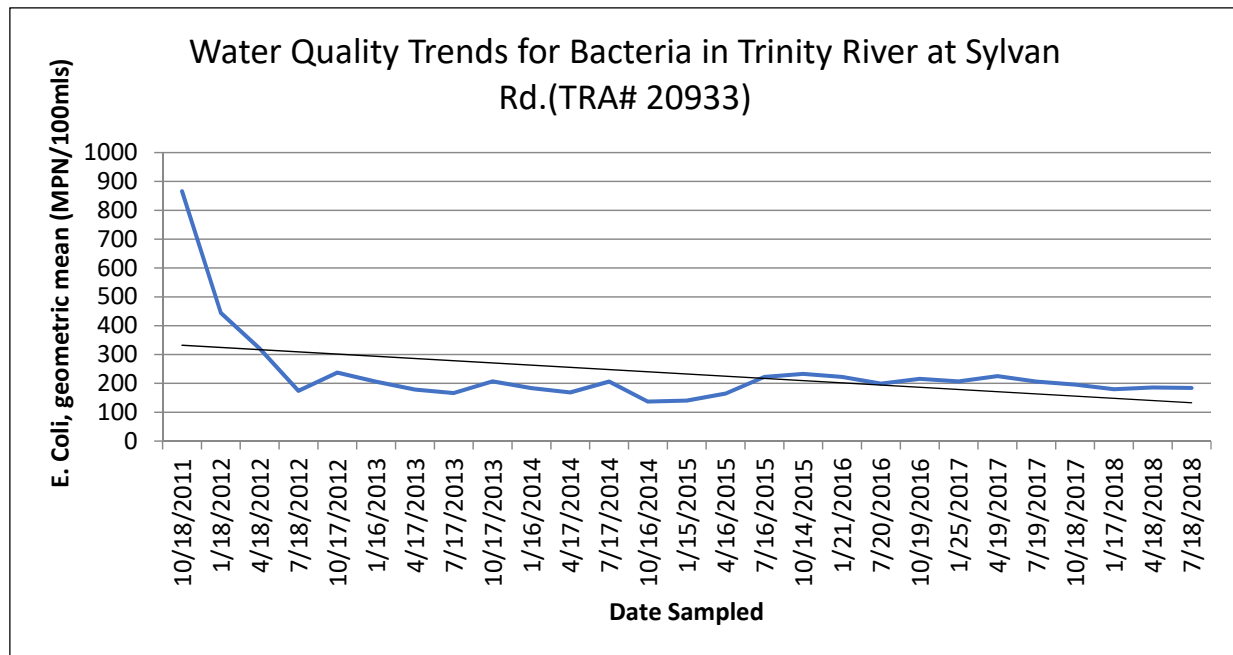
The water quality sampling and analyses that was used to support the rapid bio assessment protocols (RBP) analyses, uses basic indicator chemicals such as pH and Chemical Oxygen Demand, to determine an overall assessment of watershed health. Because the RBP program involves regular data collection from the majority of the watersheds within the MS4 each year, an evaluation of the trends of these analytes can be used to assess water quality improvements, degradations and progress.

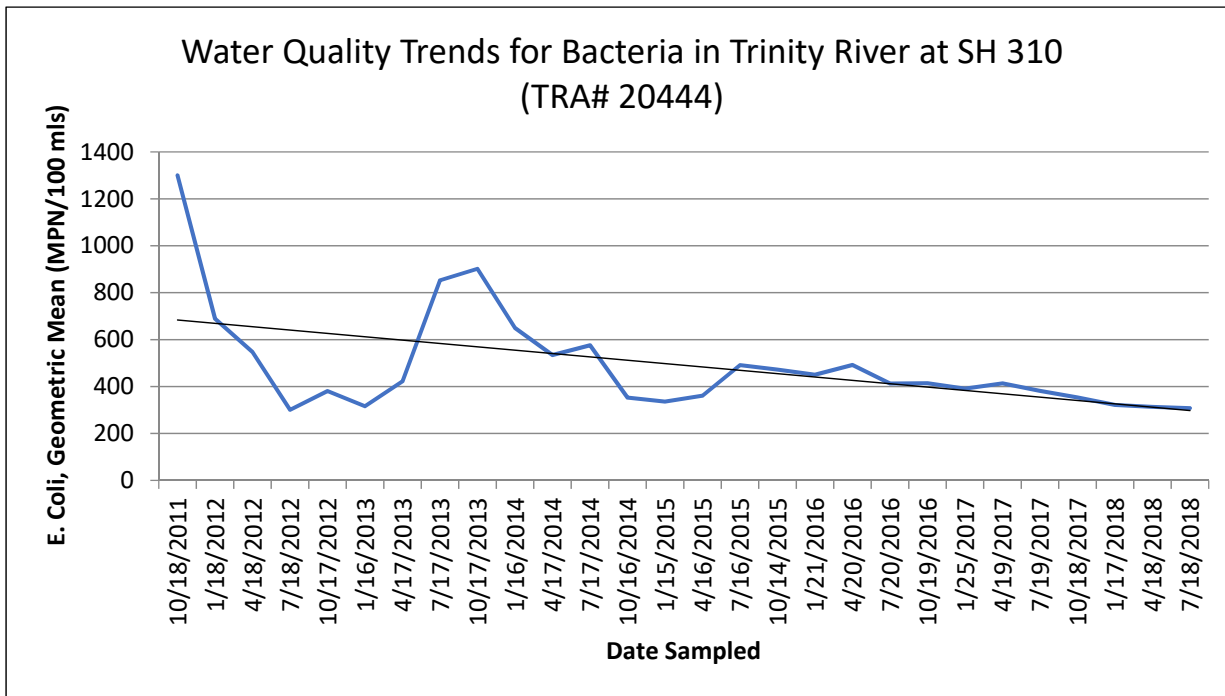
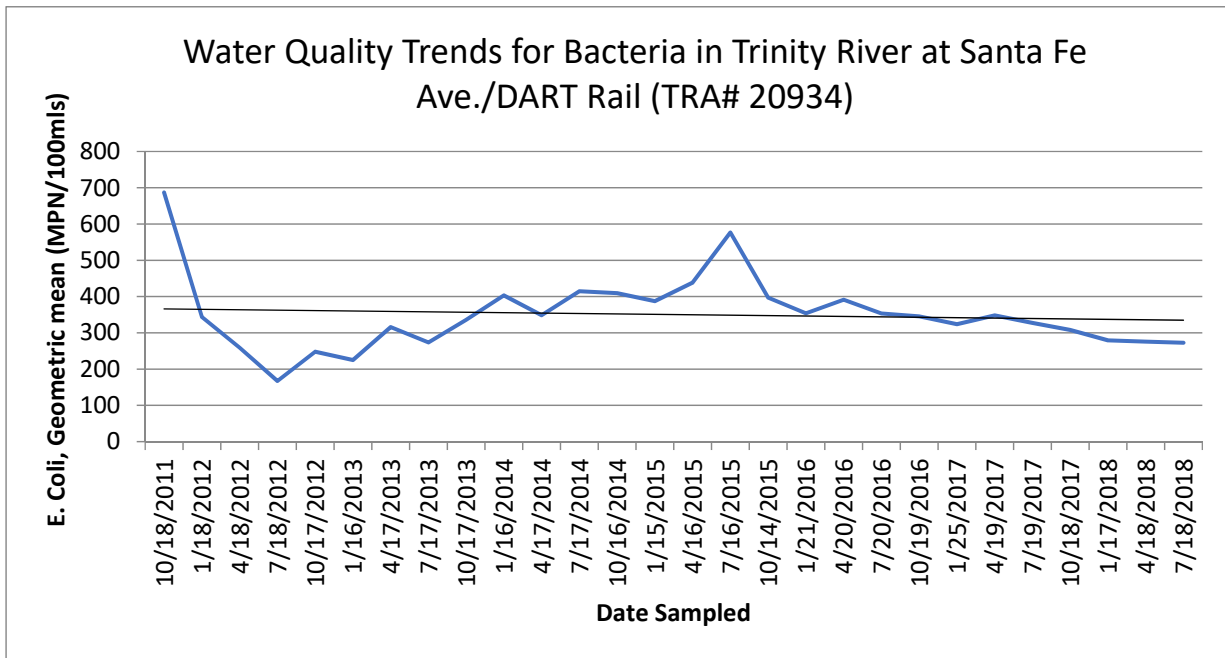
Table 3-1 provides a summary of water quality trends that compare average values across Dallas for the Interim Period (Spring/Summer 2011), Permit Year One (PY1), through Permit Year Seven (PY7). The values shown reflect the average measured concentrations of each of these indicator analytes that were obtained through sampling 73 sites across the MS4.

Table 3 - 1: Water Quality Trends									
Water Quality Parameter	Interim	PY1	PY2	PY3	PY4	PY5	PY6	PY7	Assessment
Dissolved Oxygen (mg/L)	7.3	6.6	7.5	7.1	7.3	7.1	7.2	6.2	Slight Degradation
Water Temperature (C)	24.6	25.7	22.85	23.1	25.9	25.9	23.6	26.7	No significant change
Conductivity (uS/cm)	658	635	619	600	650	585	597	600	No significant change
Total Suspended Solids (mg/L)	24.8	19.3	18.7	13.0	17.1	20	16.1	17.5	No significant change
Iron (mg/L)	0.44	0.43	0.34	0.28	0.5	0.49	0.88	0.20	Slight Improvement
pH	7.77	7.82	7.81	7.85	7.86	7.88	7.78	7.8	No significant change
Phosphorous (mg/L)	0.13	0.07	0.08	0.21	0.75	0.13	0.1	0.12	No significant change
Chemical Oxygen Demand (mg/L)	20.1	18.1	27.7	26.3	24.3	46.2	42.4	23.5	No significant change
Ammonia (mg/L)	0.15	0.09	0.07	0.43	0.31	0.14	0.13	0.19	No significant change
<i>E. coli</i> (MPN)	143	194	158	166	269	289	153	145	No significant change

These data illustrate no significant change for a majority of the analytes, within the normal variation that would be expected in a natural system.

TRA TCRP data evaluated for the Trinity River over the last eight years generally illustrates improvement in measured bacteria concentrations. Trend analyses for bacteria will be continued over this permit term to evaluate progress towards meeting applicable water quality criteria to support full beneficial use of the Trinity River and its tributaries.





[Data Source: TCEQ Clean River Program; available upon request from the TCEQ and the TRA]

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SECTION 4.0 PROGRESS TOWARDS IMPLEMENTING THE INTERIM BACTERIA REDUCTION PLAN (iBRP)

The City of Dallas (City) developed an Interim Bacteria Reduction Plan (iBRP) as an appendix to the Stormwater Management Plan, and has effectively integrated the management practice and control measures into the stormwater program. The Interim Bacteria Reduction Plan (iBRP) was developed to be compliant with requirements of Part III.B. 3 of the City's permit:

"3. Discharges to Water Quality Impaired Receiving Waters.

For discharges from the MS4 that will reach one or more surface water bodies that are identified on the latest approved Clean Water Act §303(d) List as not meeting applicable state water quality standards due to bacteria, the permittee shall develop an interim bacteria reduction plan (IBRP). The IBRP must be included in the SWMP and must discuss the management practice and control measures that the permittee will implement to reduce, with the goal of eliminating, the discharge of bacteria that contribute to the impairment of the water body. The IBRP must specifically identify control measures and practices, including monitoring and screening activities that are used to address the discharge of bacteria."

The iBRP was completed in September 2012, and included stakeholder department input, as well as input gained from participation in the regional NCTCOG process to develop the Bacteria iPlan. As a result, the iBRP is consistent with the regional iPlan, and includes many measures that the City is already implementing to improve water quality across the City.

The iBRP forms Appendix B to the City's SWMP, and was submitted to the TCEQ under separate cover. Most of the management practices and control measures are also correlated with the comparable best management practices (BMPs) outlined in the draft regional iPlan. The iBRP is comprised of the following sections:

- o **Section 1.0: Introduction:** provides the purpose and general format of the iBRP;
- o **Section 2.0: Watershed Description:** provides a description of the geographic boundary of the MS4, the listed and classified waters, and watersheds comprised within the corporate boundaries of the City;
- o **Section 3.0: Water Quality - Sources and Trends:** provides a summary of potential sources of bacteria, current monitoring and screening programs, and water quality trends across the City with respect to bacteria;
- o **Section 4.0: Regulatory Background:** provides a detailed description of the Stormwater Management Plan, the designated bacteria Total Maximum Daily Loads and the draft Implementation Plan to address these TMDLs;
- o **Section 5.0: Bacteria Reduction BMPs:** provides a summary of the bacteria management practices and control measures, related iPlan and SWMP activities, measurable goals, and implementation schedule;

- o **Section 6.0: Implementation Schedule:** provides a comprehensive summary table of the various BMPs outlined in Section 5 with a schedule for implementation;
- o **Section 7.0: Anticipated Load Reduction:** provides a general discussion of anticipated load reductions over time given full implementation of the measures outlined herein;
- o **Section 8.0: References**

Each set of control measures and practices in the iBRP has been outlined to address the eight (8) minimum control measures of the SWMP and includes measurable goals to reduce the discharge of bacteria from the MS4 to Trinity River to the maximum extent practicable. These measures have been integrated into the SWMP, and are shaded in green in both the SWMP, and the Annual Report to illustrate how they are integrated into to the City's SWMP. Performance on implementing these measures is generally in compliance with the targeted goals as outlined in the iBRP and the SWMP.

SECTION 5 – ANNUAL EXPENDITURES FOR REPORTING PERIOD

As required by Part IV.C.4.c. of the TPDES Permit No.WQ0004396000, this Annual Report includes expenditures for the reporting period and a breakdown of the major elements of the SWMP. The direct annual expenditures are presented by SWMP element and include indirect costs related to records management, training, equipment, office supplies, repairs, laboratory, utilities, consultants, contracted services and debt, services.

During the reporting period, the City had an estimated \$83,139,204 in expenditures for activities related to implementing the major elements of the SWMP. Table 5.1 provides a breakdown of the annual expenditures by Element (as incurred costs):

Table 5.1 - Estimated SWMP Implementation Costs Permit Year 7 Reporting Period (October 1, 2017 – September 30, 2018)		
Element	Element Name	Estimated Costs
1	MS4 Maintenance - Structural Controls - Floatable Removal - Roadways	\$32,009,245
2	Post Construction Stormwater Control Measures - Areas of development and redevelopment - Flood Control Projects(includes Debt Service for dredging and Certificate of Obligation)	\$4,483,467
3	Illicit Discharges and Improper Disposal - DWU - SSO Initiative - Sanitation - Household Hazardous Waste - SWM	\$30,644,304 \$910,771 \$6,788,085
4	Pollution Prevention/Good Housekeeping for Municipal Operations - EMS/ISO 140001 - Pesticides, Herbicides and Fertilizer Application - Spill Response	\$1,777,486
5	Industrial and High Risk Runoff	\$1,235,159
6	Construction Site Runoff	\$1,235,159
7	Public Education and Outreach/Public Involvement and Participation	\$1,594,743
8	Monitoring, Evaluation and Reporting	\$1,235,159
N/A	Program Administration (includes billing, legal, insurance, etc.)	\$1,225,625
TOTAL EXPENDITURES		\$83,139,204

The values presented in the Table 5.1, Estimated SWMP Implementation Costs are approximate expenses. The City's fiscal year is October 1st through September 30th. A lag between when expenditures occur and when they are reflected in financial systems may be present as a result of internal financial reporting structures. Given the overlap of certain components of the program that entail shared costs, (i.e., public education program development, project administration, etc.), the allocation of some components of the costs is approximate. The values presented do not include all costs that could be categorized as maintenance, i.e. repairs to wastewater collection system, or routine operations.

SECTION 6 – PROPOSED PROGRAM BUDGET FOR FOLLOWING PERMIT YEAR

As required by Part IV.C.4.d. of the TPDES Permit No. WQ0004396000, this Annual Report includes the estimated budget allocation for next permit year. The direct annual expenditures are presented by SWMP element and include indirect costs related to records management, training, equipment, office supplies, repairs, laboratory, utilities, consultants, contracted services and debt services.

During the next reporting period, the City estimates there will be \$90,029,485 in expenditures for activities related to the major elements of the SWMP. The direct annual expenditures are presented by SWMP element, but also include indirect costs related to records management, training, equipment, office supplies, repairs, laboratory, utilities consultants, contracted services and debt service. Table 6.1 provides a breakdown of the estimated expenditures by Element (projected costs):

Table 6.1 – Proposed SWMP Implementation Budget Permit Year 8**(October 1, 2018 – September 30, 2019)**

Element	Revised Element Name	Estimated Budget
1	MS4 Maintenance - Structural Controls - Floatable Removal - Roadways	\$38,831,218
2	Post Construction Stormwater Control Measures - Areas of development and redevelopment - Flood Control Projects (includes Debt Service for dredging and Certificate of Obligation)	\$3,634,140
3	Illicit Discharges and Improper Disposal - DWU - SSO Initiative - Sanitation - Household Hazardous Waste - SWM	\$30,674,304 \$918,344 \$6,922,463
4	Pollution Prevention/Good Housekeeping for Municipal Operations - EMS/ISO 140001 - Pesticides, Herbicides and Fertilizer Application - Spill Response	\$1,789,406
5	Industrial and High- Risk Runoff	\$1,367,716
6	Construction Site Runoff	\$1,370,207
7	Public Education and Outreach/Public Involvement and Participation	\$1,727,301
8	Monitoring, Evaluation and Reporting	\$1,367,716
N/A	Program Administration (includes billing, legal, insurance, etc.)	\$1,426,670
TOTAL		\$90,029,485

The values presented in Table 6.1 - Proposed Implementation Costs represent approximate expenses. The City's fiscal year is October 1st through September 30th. A lag between when expenditures occur and when they are reflected in financial systems may be present as a result of internal financial reporting structures. Given the overlap of certain components of the program that entail shared costs, (i.e., public education program development, project administration, etc.), the allocation of some components of the costs is approximate. The values presented do not include all costs that could be categorized as maintenance, i.e. repairs to wastewater collection system, or routine operations.

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SECTION 7 - REVISIONS TO ASSESSMENT OF CONTROLS OR BUDGET FROM PREVIOUS REPORTING PERIOD

As required by Part IV.C.4. e of the TPDES Permit No. WQ0004396000, *“revisions, if necessary, to the assessment of controls, and the fiscal analyses reported in the permit application are to be provided in the Annual Report.”*

There are no necessary revisions to the assessments of controls or fiscal analysis reported in the Annual Report that covered the Seventh Permit Year from October 1, 2017 to September 30, 2018.

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SECTION 8 – SUMMARY OF PERMIT NOTIFICATIONS RECIEVED

As required by Part IV.C.4. f of the TPDES Permit No. WQ0004396000, this Annual Report includes a summary of notices of intent and other notifications received.

During the reporting period, the City received **131** notices, letters, and/or building permits that were provided in accordance with the TCEQ TPDES TXR150000 General Permit for Construction Activities.

With regards to the Industrial Multi-Sector General Permit TPDES TXR050000, the City received **5** notices-of-intent in PY7.

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SECTION 9 – A SUMMARY OF INDUSTRIAL AND CONSTRUCTION SITE INSPECTIONS

As required by Part IV.C.4. g of the TPDES Permit No. WQ0004396000, this Annual Report includes a summary of industrial and construction site inspections conducted during the reporting period.

Construction Inspections: During the reporting period, the City received **131** notices, letters, and/or building permits that were provided in accordance with the TPDES Permit No. TXR150000 General Permit for Construction Activities. The City conducted a total of **5,888** inspections at **273** large construction sites. The City conducted **2,873** inspections on **271** small construction sites between 1 and 5 acres. The City conducted **30** inspections at sites that were less than one acre in size in response to complaints.

Industrial Inspections: The City performed **1,220** industrial inspections at **915** industrial sites that included **202** non-permitted sites, and **713** TPDES/SARA sites. The TPDES/SARA sites inspected are the following: **60** SARA 313 classified facility locations, **150** high risk facilities, **92** Sector U facilities, **8** permitted City facilities (landfill, salvage yard, transfer stations and airports), **21** airport tenants, and **765** low risk sites.

The City issued **67** Notices of Violation to **36** industrial facilities and **354** Industrial Corrective Action to **271** industrial facilities. Of the **1,220** industrial inspections, **52** NOV re-inspections were conducted on **27** sites, **350** ICA re-inspections were conducted at **271** facilities.

Please see Sections 1-E “MCM 5 - Industrial and High-Risk Runoff” and 1-F “MCM 6 – Construction Site Stormwater Runoff” for additional details.

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SECTION 10 – REPRESENTATIVE MONITORING DATA AND DATA SUMMARY

As required by Part IV.C.4.h of the TPDES Permit No. WQ0004396000, this Annual Report includes representative monitoring data and a summary of the data collected over the reporting period. Data accumulated during the reporting period is summarized in Section 1-H, “MCM 8-Monitoring, Evaluation, and Reporting” and Section 3 “Identification of Water Quality Improvement...”. The data itself can be found in Appendix E, “Representative Monitoring Data”. As described in Section 1 – H, “MCM 8, Monitoring, Evaluation and Reporting”, water quality samples are obtained as a part of several ongoing City programs, including the City’s Dry Weather Screening Program, Wet Weather Screening Program and the Rapid Bioassessment Protocol (RBP) Program. Analytes sampled for, vary by program, and include, but are not limited to:

- Total suspended solids (TSS)
- Turbidity
- pH
- Temperature
- Arsenic
- Iron
- Copper
- Lead
- Zinc
- Cadmium
- Sulfate
- Nitrite/ Nitrate
- Ammonia
- Dissolved Oxygen
- Oil & Grease
- Total Petroleum Hydrocarbons (TPH – as needed)
- Total Dissolved Solids (TDS)
- Total Chlorine
- Total Phosphorous
- Chemical Oxygen Demand (COD)
- Biochemical Oxygen Demand (BOD)
- Surfactants
- *E. coli* bacteria
- Total Coliform bacteria
- Orthophosphate
- Temperature and hardness
- Specific conductance
- Temperature
- Hardness

The samples collected for enforcement actions are sent to a National Environmental Laboratory Accreditation Program (NELAP) certified laboratory for analyses.

During the reporting period, the City collected **332** water and sediment samples as a result of all activities (including samples directly associated with the permit programs, samples for special surface water quality projects and samples for customer complaints and fish kills). These data are included in **Appendix E**.

Dry Weather Screening Program

During the reporting period, the City monitored **830** discharge locations in 15 HUC-12 Watersheds through the dry weather screening program. A total of **14** new outfalls were identified and **31** outfalls that discharged directly into a waterway during dry weather conditions. The observed flows were generally natural flows, i.e. groundwater infiltration or runoff.

A total of **377** illicit discharge investigations were performed and resolved as a result of citizen service requests. The identified illicit discharges included concrete slurry, hydrocarbons, sediment discharges, grease traps, and private sewage leaks.

Wet Weather Screening

During the reporting period, the City collected wet weather samples in six **(6)** watersheds. Each of the local wet weather sites were screened twice during wet weather conditions. Quarterly RWWCP samples were collected this year as the sampling cycle for this program started on January 1, 2018. Data from these efforts indicate the primary pollutant of concern may be bacteria; however, trending of these data over time also shows trends towards overall improvement.

Rapid Bioassessment Protocol Program

The City performed RBP sampling to monitor and assess overall biological health in streams and watersheds within the City's jurisdiction. The RBP sampling program incorporates habitat assessments, water quality sampling, and biological sampling. The program collected samples from 73 stream locations within 20 12-digit HUC watersheds including samples from four (4) reference sites. There were two sampling events to coincide with index periods established by TCEQ for biological sampling:

- **Spring Period** (Mid-March to June 30th): Targets spring's optimal conditions for biological community growth.
- **Summer Period** (July 1st to September 30th): Reflects impacts from typical summer low flows and high-water temperatures.

See Section 1-H, "MCM 8-Monitoring, Evaluation, and Reporting" and Section 3 "Identification of Water Quality Improvement..." for analysis and more information.

SWMS_FILE	CONSTRUCTION_SITE_NAME	PROJECT_NAME_ALIAS	OPERATOR_NAME_ALIAS	PERMIT_TYPE	IT_ACRES_DISTURBED	PHYSICAL_ADDRESS	LOCATION_ACCESS	SWP3_ACRES_DISTURBED	OPERATOR_COMPANY	OPERATOR	SECTION_FREQUENCY
1078-1	5214 RL Thornton & 113 Hillvale	lauraland Development	Globe Auto Group	SCSN		LAURELAND	none	3.5	Globe Auto	Globe Auto	Monthly
1467-10	Dallas Love Field Terminal	Water and Wastewater in Love Field Area	John Burns Construction Co of Texas Inc.	SHELL	3	8008 Herd	8008 Herd	1	John Burns	John Burns	2-weeks
1467-11	Dallas Love Field Terminal	The Braniff Centre	Burns and McDonnell	NOI	1	7701 Leimillon	7701 Leimillon	17.5	Burns and McDonnell	Burns and McDonnell	2-weeks
1467-12	Dallas Love Field Terminal	Business Jet Center, Hangar M	Tectonic Management Group	SHELL	2.5	8011 Leimillon	8011 Leimillon	2.5	Tectonic	Tectonic	2-weeks
1467-13	Dallas Love Field Terminal	The Braniff Centre - PDUI Park Cities Lincoln and Reed Centre	The Gravity Company	NOI	17.5	7701 Leimillon	7701 Leimillon	10.26	The Gravity Company	The Gravity Company	2-weeks
1467-5	Dallas Love Field Terminal	Love Field Modernization & Parking Garage C	Hensel Phelps	NOI	16	3258 Hawes Dr	3258 Hawes Dr	17.2	Hensel Phelps	Hensel Phelps	2-weeks
1467-9	Dallas Love Field Terminal	Love Field Concrete Batch Plant	Munilla Construction Management LLC	SHELL	5	5556 Wauden Ave	5556 Wauden Ave	2	Munilla	Munilla	2-weeks
1497-1	Prairie Creek North	Prairie Creek North	Builders of Hope CDC	NOI		None	None	15	Builders of Hope CDC	Builders of Hope CDC	2-weeks
1497-2	Prairie Creek North	Prairie Creek North	Opportunity Developers	SHELL		None	None	3	Opportunity Developers	Opportunity Developers	2-weeks
1829-1	East Side Water Treatment Plant	East Side Water Treatment Plant Filter Expansion	Oscar Renda Contracting, Inc.	NOI	18	8035 East Side	8035 East Side	55.53	Oscar Renda	Oscar Renda	2-weeks
1829-5	East Side Water Treatment Plant	Eastside WTP Flocculation and Sedimentation Basins	Oscar Renda Contracting, Inc.	NOI	44	4055 East Side	4055 East Side	7.5	Oscar Renda	Oscar Renda	2-weeks
2047-1	West Bank Sewer	Cadiz Pump Station	S.J.Louis Construction of Texas	SCSN		None	None	3.03	S.J.Louis Construction of Texas	S.J.Louis Construction of Texas	Monthly
2057-4	UT Southwestern Medical Center	UT Southwestern Medical Center West Campus Phase 1	JT Vaughn Construction LLC	NOI	7.5	3905 PARKWAY	3905 PARKWAY	7	JT Vaughn Construction LLC	JT Vaughn Construction LLC	2-weeks
2057-6	UT Southwestern Medical Center	University of Texas Southwestern Medical Center	Austin Commercial LP	NOI	9	11111 University	11111 University	9	Austin Commercial LP	Austin Commercial LP	2-weeks
2627-22	Cypress Waters-Phase 1	Cypress Waters Olympus Blvd Beltline Entry	Billingsley Development Corporation	NOI	19	18350 Cypress	18350 Cypress	1000	Billingsley Development Corporation	Billingsley Development Corporation	2-weeks
2627-28	Cypress Waters-Phase 1	Cypress Waters The Sound	Billingsley Construction, Inc.	PERMIT	30	18350 Cypress	18350 Cypress	8.4	Billingsley Construction, Inc.	Billingsley Construction, Inc.	2-weeks
2627-32	Cypress Waters-Phase 1	Cypress Waters: Non-Potable Pump Station	Water Centric, LLC	LCSN_PO	1.15	18350 Cypress	18350 Cypress	1000	Water Centric, LLC	Water Centric, LLC	2-weeks
2627-34	Cypress Waters-Phase 1	Cypress Water No. 4 Addition	RKM Utility Services, Inc.	NOI	60.5	18350 Cypress	18350 Cypress	60	RKM Utility Services, Inc.	RKM Utility Services, Inc.	2-weeks
2627-36	Cypress Waters-Phase 1	3000 Olympus	Balfour Beatty Construction LLC	NOI	9	3000 Olympus	3000 Olympus	9	Balfour Beatty Construction LLC	Balfour Beatty Construction LLC	2-weeks
2627-37	Cypress Waters-Phase 1	3100 Olympus	Balfour Beatty Construction LLC	NOI	10	3100 Olympus	3100 Olympus	1000	Balfour Beatty Construction LLC	Balfour Beatty Construction LLC	2-weeks
2627-38	Cypress Waters-Phase 1	Cypress Waters The Sound Retail	Nedderman and Associates Inc	NOI	4	3100 Olympus	3100 Olympus	8	Nedderman and Associates Inc	Nedderman and Associates Inc	2-weeks
2627-42	Cypress Waters-Phase 1	3201 Olympus Blvd	Structure Tone Southwest, LLC	NOI	7.5	3201 Olympus Blvd	3201 Olympus Blvd	7.5	Structure Tone Southwest, LLC	Structure Tone Southwest, LLC	2-weeks
2627-44	Cypress Waters-Phase 1	3200 Olympus	Balfour Beatty Construction LLC	SHELL	9	3200 Olympus	3200 Olympus	8	Balfour Beatty Construction LLC	Balfour Beatty Construction LLC	2-weeks
2627-9	Cypress Waters-Phase 1	Modifications to North Lake Dam and Spillway	City of Coppell	NOI	70	S BELT LINE RD	S BELT LINE RD	70	City of Coppell	City of Coppell	2-weeks
2698-1	Central and Pearl Expressway	Central/Pearl EXPY Improvements	Tiseo Paving CO, Inc.	NOI		Central and Pearl Expressway	Central and Pearl Expressway	18.5	Tiseo Paving CO, Inc.	Tiseo Paving CO, Inc.	2-weeks
2999-1	Iris Hollow Development	Iris Hollow Development	Sharif & Munir Custom Homes	SCSN		6725 FOREST	6725 FOREST	3.75	Sharif & Munir Custom Homes	Sharif & Munir Custom Homes	Monthly
3209-1	Kensington Gardens Phase 1	Kensington Gardens Phase 1	MM Finished Lots, LLC	NOI		11111 Kensington	11111 Kensington	11	MM Finished Lots, LLC	MM Finished Lots, LLC	2-weeks
3209-2	Kensington Gardens Phase 1	Kensington Gardens	Megatel Homes, Inc.	NOI	10	SHADYSIDE	SHADYSIDE	5	Megatel Homes, Inc.	Megatel Homes, Inc.	2-weeks
3241-1	Creekside at Carter Square	Creekside at Carter Square	Builders of Hope CDC	NOI	10	3000 Carter Square	3000 Carter Square	10	Builders of Hope CDC	Builders of Hope CDC	2-weeks
3247-2	1700 Haymarket	1700 Haymarket Road Mass Grade	Mike Ruibal	NOI	15	1700 Haymarket	1700 Haymarket	15	Mike Ruibal	Mike Ruibal	2-weeks
3247-3	1700 Haymarket	PSL's & Batch Plant Supporting I-20	Haydon Building Corp.	NOI	5	1700 Haymarket	1700 Haymarket	5	Haydon Building Corp.	Haydon Building Corp.	2-weeks
3247-4	1700 Haymarket	I-20 near Haymarket DAL237403077DCAO	TXDOT	NOI	24.49	1700 Haymarket	1700 Haymarket	25	TXDOT	TXDOT	2-weeks
3358-1	MLT Development	MLT Development Demolition	Regal Acquisition LLC	NOI	16	3358 MLT Development	3358 MLT Development	16	Regal Acquisition LLC	Regal Acquisition LLC	2-weeks
3501-2	Preston Hollow Village	Merion @ Midtown Park	HT Midtown LP	NOI	23	7910 Preston Hollow	7910 Preston Hollow	27	HT Midtown LP	HT Midtown LP	2-weeks
3501-3	Preston Hollow Village	Midtown Apartments	PRA Construction, LP	NOI	16	7910 Preston Hollow	7910 Preston Hollow	16	PRA Construction, LP	PRA Construction, LP	2-weeks
3501-4	Preston Hollow Village	Preston Hollow Village, Phase II	Turner Construction Company	NOI	22	7910 Preston Hollow	7910 Preston Hollow	22	Turner Construction Company	Turner Construction Company	2-weeks
3501-5	Preston Hollow Village	Merion at Midtown	K Hovnanian Homes & DFW, LLC	NOI	40	11111 Merion	11111 Merion	40	K Hovnanian Homes & DFW, LLC	K Hovnanian Homes & DFW, LLC	2-weeks
3501-6	Preston Hollow Village	Merion at Midtown Park	Chesmar Homes, LTD	NOI	29	11111 Merion	11111 Merion	29	Chesmar Homes, LTD	Chesmar Homes, LTD	2-weeks
3501-7	Preston Hollow Village	Merion at Midtown Park- Subdivision	MHI Partnership LTD	NOI	1.99	8102 Merion	8102 Merion	1.99	MHI Partnership LTD	MHI Partnership LTD	2-weeks
3501-8	Preston Hollow Village	Legacy Midtown Park	Andres Construction Services, LLC.	NOI	10.15	8102 Merion	8102 Merion	4	Andres Construction Services, LLC.	Andres Construction Services, LLC.	2-weeks
3511-1	Keller Springs Estates	Keller Springs Estates	Keller Springs Estates	NOI		5500 KELLER	5500 KELLER	16	Keller Springs Estates	Keller Springs Estates	2-weeks
3761-2	Hampton Hollow Homes (Phase 1 & 2)	Douglas Hartford Addition	Tom Motlow	SCSN	1.16	4328 Hampton	4328 Hampton	1.16	Tom Motlow	Tom Motlow	Monthly
3801-6	Kessler Reserve	685 Kessler Reserve Court	Hudson Construction Group	SHELL	1	685 Kessler	685 Kessler	0.5	Hudson Construction Group	Hudson Construction Group	Monthly
3855-1	Cedar Plaza Apartments	Cedar Plaza Apartments	Armsco Builders I, Inc.	NOI	2	2111 Cedar Plaza	2111 Cedar Plaza	2	Armsco Builders I, Inc.	Armsco Builders I, Inc.	Monthly
3908-3	Dallas Farmers Market Phase 2	Taylor Lofts, Ltd	Parc Plaza Development, LP	SHELL		2111 Cedar Plaza	2111 Cedar Plaza	0.75	Parc Plaza Development, LP	Parc Plaza Development, LP	2-weeks
3908-4	Dallas Farmers Market Phase 2	FM Futsal Ltd	Parc Plaza Development, LP	NOI	2.18	2111 Cedar Plaza	2111 Cedar Plaza	2.18	Parc Plaza Development, LP	Parc Plaza Development, LP	2-weeks
3909-1	The Lawn at Glen Abbey	The Lawn at Glen Abbey	LAGA, Ltd	NOI	18.91	1800 Glen Abbey	1800 Glen Abbey	18.9	LAGA, Ltd	LAGA, Ltd	2-weeks
3909-2	The Lawn at Glen Abbey	Lawn At Glen Abbey	HW Builders, LLC	NOI	3	Keller Springs	Keller Springs	1.9	HW Builders, LLC	HW Builders, LLC	2-weeks
3909-3	The Lawn at Glen Abbey	Lawn At Glen Abbey	Bob Thompson Homes LP	NOI	3	Keller Springs	Keller Springs	2	Bob Thompson Homes LP	Bob Thompson Homes LP	2-weeks
3931-2	Hampton Inn & Suites	Hilton Garden Inn	Meadow Hospitality LP	SHELL	1.34	1800 Glen Abbey	1800 Glen Abbey	1.5	Meadow Hospitality LP	Meadow Hospitality LP	Monthly
3978-2	Hampton Inn & Suites	Singing Hills Rec Center	Mart Inc. General Contractors	NOI	11	1800 Glen Abbey	1800 Glen Abbey	11	Mart Inc. General Contractors	Mart Inc. General Contractors	2-weeks
4022-1	Bleu Ciel Tower	Bleu Ciel Tower	Hunt Construction Group, Inc.	SCSN	2	5300 N	5300 N	2	Hunt Construction Group, Inc.	Hunt Construction Group, Inc.	Monthly
4059-2	6600 Forest Estates	6600 Forest Estates	Nichols and Judy Custom Builders, LLC.	SCSN	2	5300 N	5300 N	2	Nichols and Judy Custom Builders, LLC.	Nichols and Judy Custom Builders, LLC.	Monthly
4059-3	6600 Forest Estates	6600 Forest Estates	ATRIUM CONSTRUCTION, LLC	SCSN	2	5300 N	5300 N	2	ATRIUM CONSTRUCTION, LLC	ATRIUM CONSTRUCTION, LLC	Monthly
4059-4	6600 Forest Estates	6600 Forest Estates	ERESCENT ESTATES CUSTOM HOMES L P	SCSN	2	5300 N	5300 N	2	ERESCENT ESTATES CUSTOM HOMES L P	ERESCENT ESTATES CUSTOM HOMES L P	Monthly
4121-1	Westmoreland - Hampton Sump Drainage	Westmoreland - Hampton Sump Drainage	North Texas Contracting	SCSN	3	2800	2800	1	North Texas Contracting	North Texas Contracting	Monthly
4171-3	Trinity Groves	Parkside at Trinity Green	Weekley Homes LLC	NOI	1.8	1800 Glen Abbey	1800 Glen Abbey	90	Weekley Homes LLC	Weekley Homes LLC	2-weeks
4171-4	Trinity Groves	ALTA Trinity Green Site Work	Trinity Green Builders, LLC	SHELL	4.16	1800 Glen Abbey	1800 Glen Abbey	4.16	Trinity Green Builders, LLC	Trinity Green Builders, LLC	2-weeks
4171-5	Trinity Groves	Trinity Groves Phase 2	Amicus Construction Ltd.	SHELL	6.7	1800 Glen Abbey	1800 Glen Abbey	6	Amicus Construction Ltd.	Amicus Construction Ltd.	2-weeks
4171-6	Trinity Groves	Trinity Green Addition Ph 1 and 2	CND-Trinity Village LLC	SHELL	4.9	1800 Glen Abbey	1800 Glen Abbey	7	CND-Trinity Village LLC	CND-Trinity Village LLC	2-weeks
4229-1	2171 Manana Dr.	2171 MANANA DR	North Texas Trucking Inc.	NOI	8	2171 Manana Dr.	2171 Manana Dr.	9	North Texas Trucking Inc.	North Texas Trucking Inc.	2-weeks
4232-1	Able No. 3 Pumping Station	Able No. 3 Pumping Station	BAR Constructors Inc	NOI	16	6000 Forest Estates	6000 Forest Estates	16	BAR Constructors Inc	BAR Constructors Inc	2-weeks
4269-1	Ebenezer Memorial Mission Baptist Church	Ebenezer Memorial Mission Baptist Church	Bonner Construction	SCSN	2.5	6000 Forest Estates	6000 Forest Estates	3	Bonner Construction	Bonner Construction	Monthly
4283-2	Cityville at Oak Park Tract C	Oak Park	Weekley Homes, LLC	NOI	3.94	6000 Forest Estates	6000 Forest Estates	8.7	Weekley Homes, LLC	Weekley Homes, LLC	2-weeks
4322-3	West Love Hotel	Jefferson West Love	JPI Construction LLC	NOI	5.86	2120 West Love	2120 West Love	5.86	JPI Construction LLC	JPI Construction LLC	2-weeks
4322-4	West Love Hotel	West Love Retail Phase 2	ML Gray Partnership LLC	NOI	4.77	2120 West Love	2120 West Love	4.77	ML Gray Partnership LLC	ML Gray Partnership LLC	2-weeks
4322-5	West Love Hotel	Jefferson West Love Phase 2	JPI Construction LLC	NOI	8.7	2120 West Love	2120 West Love	8.7	JPI Construction LLC	JPI Construction LLC	2-weeks
4323-2	High Grove at West Kessler Heights	High Grove at West Kessler Heights	David Weekley Homes	SCSN	4.5	2120 West Love	2120 West Love	4.5	David Weekley Homes	David Weekley Homes	Monthly
4325-1	University Place Addition	University Place Phase 1A	Ashton Dallas Residential LLC	LCSN_SO	16.4	17300 Coit Rd	17300 Coit Rd	25	Ashton Dallas Residential LLC	Ashton Dallas Residential LLC	2-weeks
4325-2	University Place Addition	University Place Phases 1, 1B, 1C & 4	Mario Sinacola & Sons Excavating Inc.	NOI	147	17300 Coit Rd	17300 Coit Rd	113.28	Mario Sinacola & Sons Excavating Inc.	Mario Sinacola & Sons Excavating Inc.	2-weeks
4325-3	University Place Addition	University Place Phases 2 & 3	Mario Sinacola & Sons Excavating Inc.	NOI	147	17300 Coit Rd	17300 Coit Rd	33	Mario Sinacola & Sons Excavating Inc.	Mario Sinacola & Sons Excavating Inc.	2-weeks
4325-4	University Place Addition	University Place - Homebuilding	Lennar Homes of Texas Land and Construction Ltd	NOI	6.55	17300 Coit Rd	17300 Coit Rd	6.55	Lennar Homes of Texas Land and Construction Ltd	Lennar Homes of Texas Land and Construction Ltd	2-weeks
4325-5	University Place Addition	University Place Phase IA and 1B	Beazer Homes Texas, L.P.	NOI	29.9	17300 Coit Rd	17300 Coit Rd	29.9	Beazer Homes Texas, L.P.	Beazer Homes Texas, L.P.	2-weeks
4325-6	University Place Addition	University Place	Megatel Homes	NOI		17300 Coit Rd	17300 Coit Rd	7	Megatel Homes	Megatel Homes	2-weeks
4351-1	DNT 4th Lane Improvements	DNT 4th Lane Improvements	Austin Bridge & Road LP	NOI	27.8	17300 Coit Rd	17300 Coit Rd	27.8	Austin Bridge & Road LP	Austin Bridge & Road LP	2-weeks

SWMS_FILE	CONSTRUCTION_SITE_NAME	PROJECT_NAME_ALIAS	OPERATOR_NAME_ALIAS	PERMIT_TYPE	MIT_ACRES_DISTURBED	PHYSICAL_ADDRESS	LOCATION_ACCESS	SWP3_ACRES_DISTURBED	OPERATOR_COMPANY	OPERATOR_CONTACT	SECTION_FREQUENCY
4449-1	North Beckley Ave at Commerce St	North Beckley Ave at Commerce St Intersection PB98N972	Texas Standard Construction, LTD	SCSN	3.8	2300 to 2600 N	2300 to 2600 N	4.3	Texas Standard	Texas Standard	Monthly
4471-1	Street Reconstruction Group 12-637	Street Reconstruction Group 12-637	Texas Standard Construction Ltd	NOI	30.87	3333 to 4100	3333 to 4100	30.87	Texas Standard	Texas Standard	2-weeks
4490-2	Canyon Hotel	Canyon Retail West and East	ML Gray Partnership LLC	NOI	4.35	6000 to 6100	6000 to 6100	3	Gray Partnership	Gray Partnership	2-weeks
4539-1	Highland Springs	Highland Springs	The Whiting Turner Contracting Company	NOI	10.7	6243 to 6300	6243 to 6300	10.7	Whiting Turner	Whiting Turner	2-weeks
4553-1	Waterview	Waterview	CADG Forest Lane 6, LLC	SCSN	2	6243 to 6300	6243 to 6300	2	CADG Forest	CADG Forest	Monthly
4579-1	Cowboy Toyota Storage Yard	Cowboy Toyota Storage Yard	West Wind Building Corp.	SCSN	2.6	6300 to 6400	6300 to 6400	3.03	West Wind	West Wind	Monthly
4585-1	The Harvard	The Harvard	SLR Harvard Construction LLC	SCSN	1.5	6400 to 6500	6400 to 6500	1.5	SLR Harvard	SLR Harvard	Monthly
4587-1	Hall and Main Addition	Hall and Main Addition	SLR Hall & Main Construction, LLC	SCSN	1.8	6500 to 6600	6500 to 6600	2	SLR Hall & Main	SLR Hall & Main	Monthly
4591-1	R-21 International Center PH VII	R-21 International Center PH VII	Phase VII Development at International Center, L.P	SCSN	1	6600 to 6700	6600 to 6700	1	Phase VII Development	Phase VII Development	Monthly
4592-1	Verbena	Verbena	PSW Homes LLC	SCSN	4.38	6700 to 6800	6700 to 6800	4.38	PSW Homes	PSW Homes	Monthly
4593-1	Fitzhugh	Fitzhugh	JLB Builders LLC	NOI	5.1	6800 to 6900	6800 to 6900	5.1	JLB Builders	JLB Builders	2-weeks
4609-1	2030 Walnut Hill Ln	2030 Walnut Hill Ln	The Ganesh Group Inc	NOI	9	6900 to 7000	6900 to 7000	9	The Ganesh	The Ganesh	2-weeks
4609-2	2030 Walnut Hill Ln	2030 Walnut Hill - GSWC	Oncor Electric Delivery Company, LLC	NOI	23.75	7000 to 7100	7000 to 7100	5	Oncor Electric	Oncor Electric	2-weeks
4609-3	2030 Walnut Hill Ln	Norwood East Levee 138 Kv Transmission Line Rebuild 16-0076	Oncor Electric Delivery Company LLC	SHELL	93	7100 to 7200	7100 to 7200	5	Oncor Electric	Oncor Electric	2-weeks
4700-1	Park District	Park District	Balfour Beatty Construction LLC	SCSN	3.5	7200 to 7300	7200 to 7300	3.5	Balfour Beatty	Balfour Beatty	Monthly
4721-1	Green Haus Apartments	Green Haus Apartments	Alarcon Construction Group, LLC	SCSN	1	7300 to 7400	7300 to 7400	1	Alarcon Construction	Alarcon Construction	Monthly
4800-1	Walcrest Pump Station & Reservoir Improvements	Walcrest Pump Station & Reservoir Improvements	Webber, LLC	SHELL	7.25	7400 to 7500	7400 to 7500	7.25	Webber, LLC	Webber, LLC	2-weeks
4819-1	1000 N. Walton Walker	1000 N. Walton Walker	Match Box Auto Recyclers LLC	NOI	50	7500 to 7600	7500 to 7600	42.27	Match Box Auto	Match Box Auto	2-weeks
4831-2	Villas at Kimsey Place	Kimsey Park	David Weekley Homes	SHELL	1	7600 to 7700	7600 to 7700	0.7	David Weekley	David Weekley	Monthly
4852-1	1000 Emerald Isle	1000 Emerald Isle	PSW Home, LLC	SCSN	1.03	7700 to 7800	7700 to 7800	1.5	PSW Home, LLC	PSW Home, LLC	Monthly
4870-2	Vickery Towers	Alexan Lower Greenville	Maple Multi-Family TX Contractor, L.L.C.	NOI	8.3	7800 to 7900	7800 to 7900	8.31	Maple Multi-Family	Maple Multi-Family	2-weeks
4879-1	10300 Strait Lane	10300 Strait Lane	Sebastian Construction Group	SCSN	1.5	7900 to 8000	7900 to 8000	1.5	Sebastian Construction	Sebastian Construction	Monthly
4890-1	The Hill	The Hill	CORE Construction	NOI	7.51	8000 to 8100	8000 to 8100	7.51	CORE Construction	CORE Construction	2-weeks
4890-2	The Hill	The Hill	Core Construction	SHELL		8100 to 8200	8100 to 8200	3.3	Core Construction	Core Construction	2-weeks
4893-1	Bishop Arts	Bishop Arts	Bishop Arts, LLC	BDG_APP	1	8200 to 8300	8200 to 8300	3.5	Bishop Arts, LLC	Bishop Arts, LLC	Monthly
4909-1	Chalk Hill Road (South)	Chalk Hill Road (South)	Pavecon Public Works LP	NOI	16	8300 to 8400	8300 to 8400	16	Pavecon Public	Pavecon Public	2-weeks
4910-1	Amesbury Parc Subarea C	Amesbury Parc Subarea C	JLB Builders LLC	NOI	8.9	8400 to 8500	8400 to 8500	8.9	JLB Builders	JLB Builders	2-weeks
4911-1	West Village Block 7B	West Village Block 7B	Rogers-O'Brien Construction Company	SCSN	2.55	8500 to 8600	8500 to 8600	2.55	Rogers-O'Brien	Rogers-O'Brien	Monthly
4931-2	Southside Place	Southside Place	David Weekly Homes	SCSN	1.2	8600 to 8700	8600 to 8700	3	David Weekly	David Weekly	2-weeks
4939-1	9600 Travis Trail Fill and Grade	9600 Travis Trail Fill and Grade	Q ROBERTS TRUCKING INCORPORATED	NOI	10	8700 to 8800	8700 to 8800	7	Q Roberts Trucking	Q Roberts Trucking	2-weeks
4970-1	Modera Hall Street	1800 North Hall Street	MCRT North Texas/ Mountain States Construction LLC	SCSN	1	8800 to 8900	8800 to 8900	3.2	MCRT North Texas	MCRT North Texas	Monthly
4971-1	Alexan Katy Trail	Alexan Katy Trail	Maple Multi-Family TX Contractor, LLC	SCSN	1.01	8900 to 9000	8900 to 9000	0.7	Maple Multi-Family	Maple Multi-Family	Monthly
4979-1	The Laurel Addition	The Laurel Addition	VCC, LLC	SCSN	1.5	9000 to 9100	9000 to 9100	3.5	VCC, LLC	VCC, LLC	Monthly
4999-1	Lake Highlands Town Center	Lake Highlands Town Center	Lake Highlands Town Center	NOI	8	9100 to 9200	9100 to 9200	8	Lake Highlands	Lake Highlands	2-weeks
4999-3	Lake Highlands Town Center	Enclave at Lake Highlands	CND LLC	PERMIT	5.3	9200 to 9300	9200 to 9300	4.62	CND LLC	CND LLC	2-weeks
5040-1	Hwy 175 from 45 to E of Bexar St	Hwy 175 from 45 to E of Bexar St	TXDOT	NOI	135	9300 to 9400	9300 to 9400	135	TXDOT	TXDOT	2-weeks
5079-1	Atlantic Downtown Addition	Atlantic Downtown Addition	Shahzay Construction Inc.	SCSN	1.2	9400 to 9500	9400 to 9500	1.2	Shahzay Construction	Shahzay Construction	Monthly
5089-1	Glencoe Park	Glencoe Park Subdivision	PSW Homes, LLC	NOI	7	9500 to 9600	9500 to 9600	2	PSW Homes, LLC	PSW Homes, LLC	2-weeks
5089-2	Glencoe Park	Glencoe Park Subdivision	PSW Homes, LLC	NOI	7	9600 to 9700	9600 to 9700	2	PSW Homes, LLC	PSW Homes, LLC	2-weeks
5089-3	Glencoe Park	Glencoe Park Subdivision	PSW Homes, LLC	NOI	7	9700 to 9800	9700 to 9800	2	PSW Homes, LLC	PSW Homes, LLC	2-weeks
5089-4	Glencoe Park	Glencoe Park Subdivision	PSW Homes, LLC	NOI	7	9800 to 9900	9800 to 9900	2	PSW Homes, LLC	PSW Homes, LLC	2-weeks
5114-1	East Mountain Creek Interceptor Relief	East Mountain Creek Interceptor Relief	Thalle Construction Company Inc.	SHELL	33	9900 to 10000	9900 to 10000	11	Thalle Construction	Thalle Construction	2-weeks
5130-1	Pinnacle Destination Preparatory	Pinnacle Destination Preparatory	JOERIS General Contractors, LTD	NOI	19	10000 to 10100	10000 to 10100	19	JOERIS General	JOERIS General	2-weeks
5133-1	Union Dallas	Union Dallas	DPR Construction	NOI	5.64	10100 to 10200	10100 to 10200	1	DPR Construction	DPR Construction	2-weeks
5139-1	5014 Lakehill Ct	5014 Lakehill Ct	Woodland Builders Inc.	SCSN	1	10200 to 10300	10200 to 10300	1.07	Woodland Builders	Woodland Builders	Monthly
5159-1	Logisticenter Development	Logisticenter Development	Mycon General Contractors Inc.	NOI	60	10300 to 10400	10300 to 10400	60	Mycon General	Mycon General	2-weeks
5179-1	Springhill Suites Marriot	Springhill Suites Marriot	I & A Development and Construction	SHELL	2.02	10400 to 10500	10400 to 10500	2.02	I & A Development	I & A Development	Monthly
5180-1	Sphinx at Fiji Townhomes	Sphinx at Fiji Townhomes	SDC Construction LLC	NOI	4	10500 to 10600	10500 to 10600	16	SDC Construction	SDC Construction	2-weeks
5199-2	Lincoln Kessler Park	Lincoln Kessler Park Retail	The Ridgemont Company	NOI	1.93	10600 to 10700	10600 to 10700	5	The Ridgemont	The Ridgemont	2-weeks
5209-1	CC Young Campus Phase 1A	CC Young Campus Phase 1A	Hill & Wilkinson Construction Group Ltd.	SCSN	3	10700 to 10800	10700 to 10800	3	Hill & Wilkinson	Hill & Wilkinson	Monthly
5211-1	Encore at Swiss Ave	Encore at Swiss Ave	Shreve Land Constructors	SHELL	2.6	10800 to 10900	10800 to 10900	2.6	Shreve Land	Shreve Land	Monthly
5213-1	Lucky Texan #8	Lucky Texan #8	Sikka Investments LLC	SHELL	2.8	10900 to 11000	10900 to 11000	3	Sikka Investments	Sikka Investments	Monthly
5215-1	2850 Phase V Office Tower	2850 Phase V Office Tower	Sphinx Construction	SHELL	1.06	11000 to 11100	11000 to 11100	1.06	Sphinx Construction	Sphinx Construction	Monthly
5221-3	2525 W Mockingbird	In-N-Out Burger	Panterra Construction	SCSN	1.08	11100 to 11200	11100 to 11200	1.08	Panterra Construction	Panterra Construction	Monthly
5229-1	Bishop Ave from Jefferson Blvd to Eighth St	Bishop Ave from Jefferson Blvd to Eighth St	Texas Standard Construction	SCSN	4.63	11200 to 11300	11200 to 11300	4.6	Texas Standard	Texas Standard	Monthly
5250-1	Alamo Bishop Arts Station	Alamo Bishop Arts Station	Andres Construction Services LLC	SCSN	1.1	11300 to 11400	11300 to 11400	1.1	Andres Construction	Andres Construction	Monthly
5253-2	Maintenance Facility	Maintenance Facility	HM & MF, Ltd dba Muckelroy & Falls	NOI	2.12	11400 to 11500	11400 to 11500	2.12	HM & MF, Ltd	HM & MF, Ltd	2-weeks
5279-1	CubeSmart Self Storage	CubeSmart Self Storage	Ashton Wynne Construction	SCSN	1.61	11500 to 11600	11500 to 11600	1.61	Ashton Wynne	Ashton Wynne	Monthly
5309-1	Alexan Maple	Alexan Maple	Maple Multi Family TX Contractor LLC	SCSN	3.5	11600 to 11700	11600 to 11700	3.03	Maple Multi-Family	Maple Multi-Family	Monthly
5330-1	Trinity Meadows Phase 1	Trinity Meadows Phase 1	Lenart Development Company LLC	NOI	9	11700 to 11800	11700 to 11800	19	Lenart Development	Lenart Development	2-weeks
5339-1	Carlisle 3111 Addition	Carlisle 3111 Addition	Prescott Interests, LTD	SHELL	1.96	11800 to 11900	11800 to 11900	2	Prescott Interests	Prescott Interests	Monthly
5340-1	Crescent Bishop Arts	Crescent Bishop Arts	Andres Construction Services LLC	SCSN	3	11900 to 12000	11900 to 12000	3	Andres Construction	Andres Construction	Monthly
5371-1	Alexan Arts Phase 2	Alexan Arts Phase 2	Maple Multi-Family Tx Contractor, LLC	SCSN	3.62	12000 to 12100	12000 to 12100	3.62	Maple Multi-Family	Maple Multi-Family	Monthly
5379-1	Midtown Development (Valley View Mall Demo)	Midtown Development (Valley View Mall Demo)	Hill & Wilkinson Construction Group, Ltd	NOI	3.9	12100 to 12200	12100 to 12200	3	Hill & Wilkinson	Hill & Wilkinson	2-weeks
5379-2	Midtown Development (Valley View Mall Demo)	Dallas Midtown	Midtown Development Inc.	NOI	12	12200 to 12300	12200 to 12300	12	Midtown Development	Midtown Development	2-weeks
5389-1	Meridian	Meridian	PSW Homes LLC	SCSN	2	12300 to 12400	12300 to 12400	4	PSW Homes	PSW Homes	Monthly
5399-1	SoPac Trail Phase 4A	SoPac Trail Phase 4A	Structural Assurance, LLC	NOI	9	12400 to 12500	12400 to 12500	9	Structural Assurance	Structural Assurance	2-weeks
5400-1	Statler Parking Garage	Statler Parking Garage	CADG Harwood LLC	SCSN	1	12500 to 12600	12500 to 12600	1	CADG Harwood	CADG Harwood	Monthly
5409-1	10901 N Stemmons Frwy	10901 N Stemmons Frwy	McFadden and Miller	SHELL	24	12600 to 12700	12600 to 12700	23	McFadden and	McFadden and	2-weeks
5461-1	White Rock Place	White Rock Place	LH Skillman Partners LTD	SCSN	1.8	12700 to 12800	12700 to 12800	1.8	LH Skillman	LH Skillman	Monthly
5461-2	White Rock Place	White Rock Place	David Weekly Homes	SCSN	1.8	12800 to 12900	12800 to 12900	1.8	David Weekly	David Weekly	Monthly
5470-1	Sandyland Estates	Sandyland Estates	Camden Homes, LLC.	NOI	5	12900 to 13000	12900 to 13000	8	Camden Homes	Camden Homes	2-weeks
5481-1	Venture Metals Facility Relocation	Venture Metals Facility Relocation	Raymond Construction Co., Inc.	NOI	13.9	13000 to 13100	13000 to 13100	16	Raymond Construction	Raymond Construction	2-weeks
5483-1	The Epic: Deep Ellum	The Epic Deep Ellum	Balfour Beatty	SHELL	4	13100 to 13200	13100 to 13200	4	Balfour Beatty	Balfour Beatty	Monthly
5485-1	Twin Hills Office Park	Twin Hills Office Park	Carlisle Interests	SCSN	1.52	13200 to 13300	13200 to 13300	1.52	Carlisle Interests	Carlisle Interests	Monthly

SWMS_FILE	CONSTRUCTION_SITE_NAME	PROJECT_NAME_ALIAS	OPERATOR_NAME_ALIAS	PERMIT_TYPE	IT_ACRES_DISTURBED	PHYSICAL_ADDRESS	LOCATION_ACCESS	SWP3_ACRES_DISTURBED	OPERATOR_COMPANY	OPERATOR_NAME_ALIAS	SECTION_FREQUENCY
5490-2	Buckner Terrace Single Family	Buckner Terrace Single Family	Habitat for Humanity	SHELL		4302 St. Francis	4302 St. Francis	5	Habitat for Humanity	Habitat for Humanity	2-weeks
5499-1	Hampton Inn & Suites	Hampton Inn & Suites	Spica Management	SHELL	1.9	8703 East RL	8703 East RL	1.9	Spica Management	Spica Management	Monthly
5499-3	Hampton Inn & Suites	La Quinta Inn and Suites	DALLAS JSK HOSPITALITY LLC	SCSN	1.2	8667 E RL	8667 E RL	1.2	DALLAS JSK HOSPITALITY LLC	DALLAS JSK HOSPITALITY LLC	Monthly
5503-1	Hall & Howell Addition	Hall & Howell Addition	MCRT North Texas-Mountain State Construction LLC	SCSN	2	3400 NW 26th	3400 NW 26th	2	MCRT NORTH TEXAS-MOUNTAIN STATE CONSTRUCTION LLC	MCRT NORTH TEXAS-MOUNTAIN STATE CONSTRUCTION LLC	Monthly
5520-1	AMLI Fountain Place	AMLI Fountain Place	Archer Western Construction	SHELL	1.57	1800 N Field St	1800 N Field St	1.5	Archer Western Construction	Archer Western Construction	Monthly
5523-1	St. Mark's Winn Science Center	St. Mark's Winn Science Center	HC Beck, LTD	SCSN	3.41	10000 Preston Rd	10000 Preston Rd	3.41	HC Beck, LTD	HC Beck, LTD	Monthly
5524-1	2000 Ross Paving and drainage improvements	2000 Ross	Austin Commercial, LP	SHELL	2.7	2000 Ross Ave	2000 Ross Ave	2.7	Austin Commercial, LP	Austin Commercial, LP	Monthly
5529-1	Tamco Research and Extensions	Paving and Drainage Improvements Cedardale Road	Tiseo Paving Co.	NOI	8.83	11000 Lancaster	11000 Lancaster	5	Tiseo Paving Co.	Tiseo Paving Co.	2-weeks
5530-1	Centex at Dallas	TAMU Research and Extensions Center at Dallas	Sedalco, Inc.	NOI	6.78	5001 West St	5001 West St	6.8	Sedalco, Inc.	Sedalco, Inc.	2-weeks
5540-2	Shady Oaks	Shady Oaks Estates	LGI HOMES-TEXAS, LLC	NOI	36	6700 Shady Ave.	6700 Shady Ave.	75	LGI HOMES-TEXAS, LLC	LGI HOMES-TEXAS, LLC	2-weeks
5540-3	Shady Oaks	Shady Oaks Estates Phase 3	LGI HOMES-TEXAS, LLC	NOI	36	6700 Shady Ave.	6700 Shady Ave.	36	LGI HOMES-TEXAS, LLC	LGI HOMES-TEXAS, LLC	2-weeks
5549-1	UNT Learning and Succes Center	UNT Learning and Success Center	Austin Commercial LP	SHELL	13.5	7300 University	7300 University	7	Texas Standard Co	Texas Standard Co	2-weeks
5550-1	Casa View and Gus Thomasson	Casa View and Gus Thomasson Streetscape Improvements	Texas Standard Construction Ltd	SCSN	2.78	Wilder Section of	Wilder Section of	2	Greenleaf Ventures LLC	Greenleaf Ventures LLC	Monthly
5551-1	Singleton Villas	Singleton Villas	Greenleaf Ventures LLC	NOI	18.25	Greenleaf	Greenleaf	18	Greenleaf Ventures LLC	Greenleaf Ventures LLC	2-weeks
5552-1	Old Parkland North Campus	Old Parkland North Campus	The Beck Group Inc	SCSN	1.5	4103 Maple Ave	4103 Maple Ave	2	The Beck Group Inc	The Beck Group Inc	Monthly
5559-1	Jefferson Boulevard Improvements	Jefferson Boulevard Improvements Zang Blvd to Adams Ave	Texas Standard Construction Ltd	SCSN	4.2	Jefferson Blvd	Jefferson Blvd	4.2	Texas Standard Construction Ltd	Texas Standard Construction Ltd	Monthly
5570-1	Clark Ridge Canyon	Clark Ridge Canyon	Henry Building Inc.	NOI	25	40800 LBJ Frwy	40800 LBJ Frwy	19	Henry Building Inc.	Henry Building Inc.	2-weeks
5580-1	ICR Discovery Center for Science	ICR Discovery Center for Science and Earth History	HCBeck LTD	SHELL	2.5	1806 Royal Ln	1806 Royal Ln	1.5	HCBeck LTD	HCBeck LTD	Monthly
5599-1	Crow-Cedardale Road Addition	Crow-Cedardale Road Addition Building 1	FCL Builders LLC	NOI	40	11000 E St	11000 E St	100	FCL Builders LLC	FCL Builders LLC	2-weeks
5621-1	4300 Marvin D Love Freeway	4300 Marvin D Love Freeway	SNSA Group LLC	SHELL	4.38	4300 Marvin D Love Freeway	4300 Marvin D Love Freeway	4.3	SNSA Group LLC	SNSA Group LLC	Monthly
5623-1	Virgin Hotel	Virgin Hotel	Andres Construction Services	SCSN	2.6	10000 Preston Rd	10000 Preston Rd	1	Andres Construction Services	Andres Construction Services	Monthly
5624-1	Edna Rowe Elementary School	Edna Rowe Elementary School	Dallas ISD	SCSN	4.5	4300 Marvin D Love Freeway	4300 Marvin D Love Freeway	4.93	Dallas ISD	Dallas ISD	Monthly
5625-1	Ventana by Buckner	Ventana by Buckner	The Whiting-Turner Contracting Company	SHELL	3.08	11000 E St	11000 E St	4.5	The Whiting-Turner Contracting Company	The Whiting-Turner Contracting Company	Monthly
5629-1	Stevens Village Addition	Stevens Village Addition	CND-West Davis LLC	NOI	7	11000 E St	11000 E St	6.3	CND-West Davis LLC	CND-West Davis LLC	2-weeks
5640-1	88 Acre Liberty Trust	88 Acre Liberty Trust	The Conlan Company	NOI	77	11000 E St	11000 E St	77	The Conlan Company	The Conlan Company	2-weeks
5669-1	WhiteWave Foods Addition	WhiteWave Foods Addition	The Whiting Turner Contracting Company	NOI	19.72	11000 E St	11000 E St	19.72	The Whiting Turner Contracting Company	The Whiting Turner Contracting Company	2-weeks
5679-1	Wilson Estates - Subdivision	Wilson Estates - Subdivision (Lots 3A, 3B)	Tatum Brown Classic Home, LP	SCSN	2.92	11000 E St	11000 E St	2.92	Tatum Brown Classic Home, LP	Tatum Brown Classic Home, LP	Monthly
5720-1	The Hudson Apartments	The Hudson Apartments	Trinsic Residential Builders LLC	SCSN	1.1	11000 E St	11000 E St	1.1	Trinsic Residential Builders LLC	Trinsic Residential Builders LLC	Monthly
5729-1	Laurel Land Funeral Home	Laurel Land Funeral Homes	CDI Contractors LLC	NOI	6.25	11000 E St	11000 E St	10	CDI Contractors LLC	CDI Contractors LLC	2-weeks
5740-1	Texas A & M Health Science Center- College of Dentistry	Texas A & M Health Science Center-College of Dentistry	Vaughn Construction	SCSN		11000 E St	11000 E St	4	Vaughn Construction	Vaughn Construction	Monthly
5741-1	Channel Improvement Project and Replacement of Bridge	Channel Improvement Project and Replacement of Bridge	Structural Assurance LLC	NOI	22.2	11000 E St	11000 E St	4.5	Structural Assurance LLC	Structural Assurance LLC	2-weeks
5742-1	First Industrial Mountain Creek	First Industrial Mountain Creek	Arch-Con Construction	NOI	77	11000 E St	11000 E St	77	Arch-Con Construction	Arch-Con Construction	2-weeks
5743-1	Capella Park	Capella Park	Endeavor Wall Homes LLC	NOI	17	11000 E St	11000 E St	17	Endeavor Wall Homes LLC	Endeavor Wall Homes LLC	2-weeks
5744-1	Pecan Deluxe Candy Company	Pecan Deluxe Candy Company Addition	W.B. Kibler Construction Co, Ltd.	SCSN	2.4	11000 E St	11000 E St	8	W.B. Kibler Construction Co, Ltd.	W.B. Kibler Construction Co, Ltd.	Monthly
5745-1	PDU Improvements Goodnight Ln Ph 1 from Joe Field Rd to Royal Ln	PDU Improvements Goodnight Ln Ph 1 from Joe Field Rd to Royal Ln	Texas Standard Construction	SCSN	1.6	11000 E St	11000 E St	2	Texas Standard Construction	Texas Standard Construction	Monthly
5749-1	Arlington Park Early Childhood Center	Arlington Park Early Childhood Center	Ratcliff Constructors, LP	SCSN	2	11000 E St	11000 E St	1.94	Ratcliff Constructors, LP	Ratcliff Constructors, LP	Monthly
5750-1	Advantage Academy	Advantage Academy	Westcliffe, Inc.	SCSN	3	11000 E St	11000 E St	3	Westcliffe, Inc.	Westcliffe, Inc.	Monthly
5769-1	Hall Arts Hotel & Residences	Hall Arts Hotel & Residences	Austin Commercial, LP	SCSN	1.08	11000 E St	11000 E St	1.09	Austin Commercial, LP	Austin Commercial, LP	Monthly
5770-1	Buckner Retail	Buckner Retail	Z Constructors Nationwide LLC	SCSN	1	11000 E St	11000 E St	1	Z Constructors Nationwide LLC	Z Constructors Nationwide LLC	Monthly
5771-1	Kleberg Villas	Kleberg Villas	Dallas Area Habitat for Humanity Inc	NOI	8	11000 E St	11000 E St	8	Dallas Area Habitat for Humanity Inc	Dallas Area Habitat for Humanity Inc	2-weeks
5773-1	Crawford Park Regional Family Aquatic Center	Crawford Park Regional Family Aquatic Center	Fain Group, Inc.	SCSN	1	11000 E St	11000 E St	3.7	Fain Group, Inc.	Fain Group, Inc.	Monthly
5779-1	Trinity Bluff	Trinity Townhomes No 2	Rawlings Hall LLC	SHELL	2.2	11000 E St	11000 E St	2	Rawlings Hall LLC	Rawlings Hall LLC	Monthly
5789-1	Wastewater Main Installations at Various Locations (West side of Jesuit)	Wastewater Main Installation at Various Locations (West side of Jesuit)	SJ Louis Construction of Texas, LTD	NOI	15	11000 E St	11000 E St	7	SJ Louis Construction of Texas, LTD	SJ Louis Construction of Texas, LTD	2-weeks
5790-1	Magnolia at Pollard	Magnolia at Pollard	Crimson Building Company, LLC	SHELL	1.79	702 Pollard	702 Pollard	1.79	Crimson Building Company, LLC	Crimson Building Company, LLC	Monthly
5799-1	The Lost Highway	The Lost Highway	Copper River Construction Group GP, LLC	SHELL	1.3	1300 Niverville	1300 Niverville	2.46	Copper River Construction Group GP, LLC	Copper River Construction Group GP, LLC	Monthly
5800-1	St. Paul Women's Center	St. Paul Women's Center	Highland Builders, Inc.	SHELL	1.77	1300 Niverville	1300 Niverville	1.77	Highland Builders, Inc.	Highland Builders, Inc.	Monthly
5810-1	Solar Preparatory School for Girls	Solar Prep for Girls Renovations	Ratcliff Constructors, LP	SCSN	3.5	1300 Niverville	1300 Niverville	3.5	Ratcliff Constructors, LP	Ratcliff Constructors, LP	Monthly
5819-1	Discount Tire Distribution Facility	Discount Tire Distribution Facility	Mycon General Contractors	NOI	53	1300 Niverville	1300 Niverville	50	Mycon General Contractors	Mycon General Contractors	2-weeks
5820-1	Aura Bluffview Apartments	Aura Bluffview Apartments	Trinsic Residential Builders, L.L.C.	NOI	10	9027 Eustis Ave.	9027 Eustis Ave.	10	Trinsic Residential Builders, L.L.C.	Trinsic Residential Builders, L.L.C.	2-weeks
5820-2	Aura Bluffview Apartments	Bluffview Townhomes	GRBK Edgewood LLC	NOI	3	1300 Niverville	1300 Niverville	3	GRBK Edgewood LLC	GRBK Edgewood LLC	2-weeks
5821-1	10151 Shoreview Rd	10151 Shoreview Rd.	Duke Inc. General Cpntractors	SCSN	4	1300 Niverville	1300 Niverville	4	Duke Inc. General Cpntractors	Duke Inc. General Cpntractors	Monthly
5822-1	Fretz Regional Family Aquatic	Fretz Regional Family Aquatic Center	Fain Group, Inc.	SCSN	2	1300 Niverville	1300 Niverville	2	Fain Group, Inc.	Fain Group, Inc.	Monthly
5823-1	Samuell Grand Regional Family Aquatic Center	Samuell Grand Regional Family Aquatic Center	Fain Group, Inc.	SCSN	2	1300 Niverville	1300 Niverville	2	Fain Group, Inc.	Fain Group, Inc.	Monthly
5824-1	H Grady Spruce High School Additions & Renovations	H Grady Spruce High School Additions & Renovations	Rogers O'Brien Construction Company	SHELL	6	1300 Niverville	1300 Niverville	6	Rogers O'Brien Construction Company	Rogers O'Brien Construction Company	2-weeks
5825-1	401 One Roof	401 One Roof	Holder Construction Company	SCSN	1.3	1300 Niverville	1300 Niverville	1.3	Holder Construction Company	Holder Construction Company	Monthly
5826-1	6243 Lake June C-Store	6243 Lake June C-Store	APCO Construction Group	1	1.54	6243 Lake June	6243 Lake June	1.54	APCO Construction Group	APCO Construction Group	Monthly
5827-1	Dilido Nursing Home	Dilido Nursing Home	RLI Construction, LLC	SHELL	5	3309 Dilido Rd.	3309 Dilido Rd.	5	RLI Construction, LLC	RLI Construction, LLC	2-weeks
5829-1	US 67 from Beltline Rd to IH 20	US 67 from Beltline Rd to IH 20	Flatiron Constructors, Inc.	NOI	54	3309 Dilido Rd.	3309 Dilido Rd.	54	Flatiron Constructors, Inc.	Flatiron Constructors, Inc.	2-weeks
5840-1	Joppa Fellows Addition	Joppa Fellows Addition	Dallas Area Habitat for Humanity	SCSN	4.5	1300 Niverville	1300 Niverville	3.7	Dallas Area Habitat for Humanity	Dallas Area Habitat for Humanity	Monthly
5841-1	Local Traveller	Local Traveler	WRSM No. 1 LLP	SCSN	3	7322 East St	7322 East St	3	WRSM No. 1 LLP	WRSM No. 1 LLP	Monthly
5841-2	Local Traveller	Local Traveler	DFW Services, LLC	SHELL	2	7322 East St	7322 East St	2	DFW Services, LLC	DFW Services, LLC	Monthly
5843-1	Farmers Market Residential	Farmers Market Residential	Weis Builders	SHELL	3	300 N Field St	300 N Field St	3	Weis Builders	Weis Builders	Monthly
5844-1	Charco Blanco Self Storage	Charco Blanco Self Storage	APCO Construction Group	SCSN	2.19	1332 Guard Rd	1332 Guard Rd	2.19	APCO Construction Group	APCO Construction Group	Monthly
5859-1	Dallas Holocaust and Human Rights Museum	Dallas Holocaust and Human Rights Museum	Austin Commercial	SCSN	1	300 Niverville	300 Niverville	1.5	Austin Commercial	Austin Commercial	Monthly
5869-1	Casa View Control Structure Improvements	Casa View Control Structure Improvements	Crescent Constructors, INC.	SCSN	4.5	1300 Niverville	1300 Niverville	4.5	Crescent Constructors, INC.	Crescent Constructors, INC.	Monthly
5879-1	Redbird 10	Redbird 10	Reserve Construction	NOI	7.5	1300 Niverville	1300 Niverville	7.5	Reserve Construction	Reserve Construction	2-weeks
5880-1	PGBT Widening IH35E to DNT	PGBT Widening IH35E to DNT	SEMA Construction, Inc	NOI	39.98	1300 Niverville	1300 Niverville	1	SEMA Construction, Inc	SEMA Construction, Inc	2-weeks
5889-1	3050 Middlefield Street	3050 Middlefield Street	Nicholas Knight	SHELL	6	1300 Niverville	1300 Niverville	5	Nicholas Knight	Nicholas Knight	2-weeks
5890-1	High Point Crossing	High Point Crossing	EMJ Corporation	NOI	14.55	1300 Niverville	1300 Niverville	14.55	EMJ Corporation	EMJ Corporation	2-weeks
5891-1	Hall and Chestnut Development	Hall and Chestnut Development	Stillwater GC, LLC	SCSN	4.7	1300 Niverville	1300 Niverville	4.7	Stillwater GC, LLC	Stillwater GC, LLC	Monthly
5893-1	7580 Greenville Ave	7580 Greenville Ave.	Kimzey Construction, LLC	SCSN	2	1300 Niverville	1300 Niverville	2	Kimzey Construction, LLC	Kimzey Construction, LLC	Monthly
5894-1	Rocky Branch Improvements	Rocky Branch Improvement	Austin Filter Systems, Inc.	SCSN	2	1300 Niverville	1300 Niverville	2	Austin Filter Systems, Inc.	Austin Filter Systems, Inc.	Monthly
5899-1	14555 Office Building	14555 Office Building	Hill & Wilkinson Construction Group Ltd	NOI	5.99	1300 Niverville	1300 Niverville	16.27	Hill & Wilkinson Construction Group Ltd	Hill & Wilkinson Construction Group Ltd	2-weeks
5909-1	J.L. Long Middle School-Bid Pckg	J.L. Long Middle School-Bid Pckg No.005	Construction Zone	SCSN	2	1300 Niverville	1300 Niverville	2.5	Construction Zone	Construction Zone	Monthly
5910-1	Woodrow Wilson High School Addn.	Woodrow Wilson High School Addn.	CZOT-MGS, LLC	SCSN	2	1300 Niverville	1300 Niverville	2	CZOT-MGS, LLC	CZOT-MGS, LLC	Monthly

SWMS_FILE	CONSTRUCTION_SITE_NAME	PROJECT_NAME_ALIAS	OPERATOR_NAME_ALIAS	PERMIT_TYPE	IT_ACRES_DISTURBED	PHYSICAL_ADDRESS	LOCATION_ACCESS	SWP3_ACRES_DISTURBED	OPERATOR_COMPANY	OPERATOR	ECTION_FREQUENCY
5919-1	Texas Truck Ac	Texas Truck AC	Piazza Construction, LLC.	PERMIT	10	4631 Cleveland	4631 Cleveland	10	Scanturiani	Scanturiani	2-weeks
5920-1	Veloway/Sopac Phase 3	Veloway/ Sopac Phase 3	Sturctural Assurance, LLC	LCSN_PO		Lawrence Dr to	Lawrence Dr to	5	Scanturiani	Scanturiani	2-weeks
5939-1	Southlink Distribution Center	Southlink Distribution Center	Arch-Con Corporation	LCSN_PO		Arch-Con	Arch-Con	97	Arch-Con	Arch-Con	2-weeks
5949-1	9500 Lake June Self Storage	9500 Lake June Self Storage	APCO Construction Group	SCSN		APCO	APCO	2.86	APCO	APCO	Monthly
5950-1	White Branch Tributary 1	Whites branch Tributary	RPMx Construction LLC	NOI	16	White Branch	White Branch	16	RPMx	RPMx	2-weeks
5951-1	New Testament Ministries Addition	New Testament Ministries Addition	Wave Developers LLC	SHELL		Wave	Wave	1.01	Wave	Wave	Monthly
5952-1	Congregation Shaare Tefilla(COM)	Congregation Shaare Tefilla(COM)	Congregation Shaare Tefilla	SHELL	2.4	Congregation	Congregation	2.4	Congregation	Congregation	Monthly
5953-1	Snell Land Rover Dallas	Snell Land Rover Dallas	The Ridgemont Company	SCSN		The Ridgemont	The Ridgemont	4.6	The Ridgemont	The Ridgemont	Monthly
5954-1	Wildcat Way Meridian Improvements	Wildcat Way Meridian Improvements	23 Triton, LLC	NOI		23 Triton, LLC	23 Triton, LLC	0.7	23 Triton, LLC	23 Triton, LLC	2-weeks
5956-1	Village Town Center	Village Town Center	Manhattan Construction Company	NOI	34	Manhattan	Manhattan	33.55	Manhattan	Manhattan	2-weeks
5957-1	Classic Truck Sales:North of	Classic Truck Sales:N of Cleveland Rd and Cedardale Dr	TSA Constructors	NOI	6	TSA Constructors	TSA Constructors	5	TSA Constructors	TSA Constructors	2-weeks
5959-1	Southern Gateway Field Office and	Southern Gateway Field Office and Storage	Pegasus Link Constructors, LLC	NOI	13.5	Pegasus Link Constructors, LLC	Pegasus Link Constructors, LLC	13.5	Pegasus Link Constructors, LLC	Pegasus Link Constructors, LLC	2-weeks
5959-2	Southern Gateway Field Office and	The Southern Gateway	Pegasus Link Constructors, LLC	NOI	570	Pegasus Link Constructors, LLC	Pegasus Link Constructors, LLC	570	Pegasus Link Constructors, LLC	Pegasus Link Constructors, LLC	2-weeks
5969-1	King of Glory Branch Landscape	King of Glory Branch Landscape	The Lotus Trust	SHELL	2.4	The Lotus Trust	The Lotus Trust	2.4	The Lotus Trust	The Lotus Trust	Monthly
5979-1	Ash Creek-Fork Creek Bridges @	Ash Creek-Fork Creek Bridges @ Lakeland	Iowa Bridge & Culvert	SCSN	2.5	Iowa Bridge & Culvert	Iowa Bridge & Culvert	3	Iowa Bridge & Culvert	Iowa Bridge & Culvert	2-weeks
5979-2	Ash Creek-Fork Creek Bridges @	Ash Creek-Fork Creek Bridges at Lakeland	Haros Brothers Company	SHELL	1	Haros Brothers Company	Haros Brothers Company	1	Haros Brothers Company	Haros Brothers Company	2-weeks
5989-1	422 N Marlborough	422 N Marlborough	Beyond 4 Walls Construction	SHELL	0.2	Beyond 4 Walls Construction	Beyond 4 Walls Construction	0.2	Beyond 4 Walls Construction	Beyond 4 Walls Construction	Monthly
5999-1	Mountain Creek Business Park Nos 7 and 8	Mountain Creek Business Park Nos 7 and 8	FCL Builders LLC	NOI	9.5	FCL Builders LLC	FCL Builders LLC	9.5	FCL Builders LLC	FCL Builders LLC	2-weeks
6000-1	DAL019603268DCAO	DAL019603268DCAO	Balfour Beatty Infrastructure Inc	SHELL	15.98	Balfour Beatty Infrastructure Inc	Balfour Beatty Infrastructure Inc	15.98	Balfour Beatty Infrastructure Inc	Balfour Beatty Infrastructure Inc	2-weeks
6000-2	DAL019603268DCAO	Balfour Beatty Yard Facility	Balfour Beatty Infrastructure Inc.	SHELL	4.2	Balfour Beatty Infrastructure Inc.	Balfour Beatty Infrastructure Inc.	4.5	Balfour Beatty Infrastructure Inc.	Balfour Beatty Infrastructure Inc.	2-weeks
6009-1	Burger King	Burger King	Horizon General Contractors, LP	SHELL	1	Horizon General Contractors, LP	Horizon General Contractors, LP	2	Horizon General Contractors, LP	Horizon General Contractors, LP	Monthly
6019-1	Oliver Central Multifamily	Oliver Central Multifamily	SLC Commercial Construction	SCSN	1.43	SLC Commercial Construction	SLC Commercial Construction	1.43	SLC Commercial Construction	SLC Commercial Construction	Monthly
6020-1	31 Dallas Square 1 and 2	31 Dallas Square 1 and 2	Siena Homes LLC dba Crescent Collections	SCSN	3	Siena Homes LLC dba Crescent Collections	Siena Homes LLC dba Crescent Collections	3	Siena Homes LLC dba Crescent Collections	Siena Homes LLC dba Crescent Collections	Monthly
6029-1	Koetter Fire Warehouse	Koetter Fire Warehouse	Raymond Construction Co., Inc.	SCSN	1.7	Raymond Construction Co., Inc.	Raymond Construction Co., Inc.	2.7	Raymond Construction Co., Inc.	Raymond Construction Co., Inc.	Monthly
6030-1	Audi Dallas	Audi Dallas	Lee Lewis Construction	SHELL	2.3	Lee Lewis Construction	Lee Lewis Construction	2.3	Lee Lewis Construction	Lee Lewis Construction	Monthly
6039-1	Enclave Villas	Enclave Villas	Duval General Contractors, L.L.C.	SHELL	5.3	Duval General Contractors, L.L.C.	Duval General Contractors, L.L.C.	5.3	Duval General Contractors, L.L.C.	Duval General Contractors, L.L.C.	2-weeks
6040-1	Interfaith Family	Interfaith Family	Scott and Reid	SHELL	1.5	Scott and Reid	Scott and Reid	3	Scott and Reid	Scott and Reid	Monthly
6041-1	Salvation Army	Salvation Army	Johnkreis Construction Co., Inc.(JCCINC)	SCSN	4	Johnkreis Construction Co., Inc.(JCCINC)	Johnkreis Construction Co., Inc.(JCCINC)	3.5	Johnkreis Construction Co., Inc.(JCCINC)	Johnkreis Construction Co., Inc.(JCCINC)	Monthly
6042-1	City Lights- Phase 2	City Lights-Phase 2	Greystar	SHELL	2.82	Greystar	Greystar	2.82	Greystar	Greystar	Monthly
6043-1	Novel Deep Ellum	Novel Deep Ellum	Andres Construction Services, LLC	SCSN	1.6	Andres Construction Services, LLC	Andres Construction Services, LLC	1.6	Andres Construction Services, LLC	Andres Construction Services, LLC	Monthly
6044-1	Noah's Ark Self Storage	Noah's Ark Storage	NDS Construction	SCSN	155	NDS Construction	NDS Construction	155	NDS Construction	NDS Construction	Monthly
6048-1	The Towers At Bayside	The Towers at Bayside	Western Rim Investors	SHELL	10	Western Rim Investors	Western Rim Investors	10	Western Rim Investors	Western Rim Investors	2-weeks
6048-2	The Towers At Bayside	The Mansions at Bayside	Western Rim Investors	SHELL	15	Western Rim Investors	Western Rim Investors	15	Western Rim Investors	Western Rim Investors	2-weeks
6048-3	The Towers At Bayside	Bayside	Meritage Homes	SHELL	6.8	Meritage Homes	Meritage Homes	6.8	Meritage Homes	Meritage Homes	2-weeks
6048-4	The Towers At Bayside	Bayside	Hill and Wilkinson	SHELL	5	Hill and Wilkinson	Hill and Wilkinson	158	Hill and Wilkinson	Hill and Wilkinson	2-weeks
6099-1	Street Recon Group 12-637 Paving, Drainage and Landscaping	Street Recon Group 12-637 PDL Improvements	Texas Standard Construction	SHELL	1	Texas Standard Construction	Texas Standard Construction	1	Texas Standard Construction	Texas Standard Construction	Monthly
6109-1	Nestle Waters North America	Nestle Waters North America	The Haskell Complanly	NOI	12	The Haskell Complanly	The Haskell Complanly	12	The Haskell Complanly	The Haskell Complanly	2-weeks
6110-1	Primrose School - Inwood	Primrose School - Inwood	Harman Construction Inc.	SCSN	1	Harman Construction Inc.	Harman Construction Inc.	2	Harman Construction Inc.	Harman Construction Inc.	Monthly
6121-1	Alley Recon Group 12-2033	Alley Recon Group 12-2033	MACVAL Associates, LLC	SCSN	4	MACVAL Associates, LLC	MACVAL Associates, LLC	4	MACVAL Associates, LLC	MACVAL Associates, LLC	Monthly
6129-1	Villas at Prairie Creek	Villas at Prairie Creek	Greenleaf Ventures, LLC	PERMIT	12.37	Greenleaf Ventures, LLC	Greenleaf Ventures, LLC	12	Greenleaf Ventures, LLC	Greenleaf Ventures, LLC	2-weeks
6139-1	Midtown Express Segments	Midtown Express Segments	Southgate Constructors	SHELL	866.94	Southgate Constructors	Southgate Constructors	40	Southgate Constructors	Southgate Constructors	2-weeks
6149-1	Family Dollar	Family Dollar	Max Alley Construction LLC	SCSN	1.6	Max Alley Construction LLC	Max Alley Construction LLC	1.53	Max Alley Construction LLC	Max Alley Construction LLC	Monthly
6150-1	Hillcrest HS Additions and Renovations	Hillcrest HS Additions and Renovations	Construction Zone	SCSN	4.19	Construction Zone	Construction Zone	4.1	Construction Zone	Construction Zone	Monthly
6151-1	Redbird Starbucks Dallas	Redbird Starbucks Dallas	Source Building Group, Inc.	SHELL	2.05	Source Building Group, Inc.	Source Building Group, Inc.	3	Source Building Group, Inc.	Source Building Group, Inc.	Monthly
6152-1	Northaven Trail Phase 2B 2C	Northaven Trail Phase 2B 2C	RoeschCo Construction Inc	NOI	11.27	RoeschCo Construction Inc	RoeschCo Construction Inc	10.2	RoeschCo Construction Inc	RoeschCo Construction Inc	2-weeks
6152-2	Northaven Trail Phase 2B 2C	Pipeline along Northaven Trail	Atmos Energy	SHELL	1	Atmos Energy	Atmos Energy	2	Atmos Energy	Atmos Energy	2-weeks
6160-1	South Oakcliff High School	South Oakcliff High School	Rogers-Obrien Construction Company Ltd	NOI	15	Rogers-Obrien Construction Company Ltd	Rogers-Obrien Construction Company Ltd	8	Rogers-Obrien Construction Company Ltd	Rogers-Obrien Construction Company Ltd	2-weeks
6169-1	6114 Forest Park Demo	6114 Forest Park Demo	Lloyd D Nabors Demolition	NOI	11	Lloyd D Nabors Demolition	Lloyd D Nabors Demolition	14	Lloyd D Nabors Demolition	Lloyd D Nabors Demolition	2-weeks
6179-1	Concord Church West Lot and Scout Ave	Concord Church West Lot and Scout Ave	William C Hart Construction LLC	NOI	5.5	William C Hart Construction LLC	William C Hart Construction LLC	5.5	William C Hart Construction LLC	William C Hart Construction LLC	2-weeks
6180-1	Maple Street Food Hall and Bar	Maple Street Food Hall and Bar	Core CMCI	SHELL	1.24	Core CMCI	Core CMCI	124	Core CMCI	Core CMCI	Monthly
6181-1	Dallas Terminal Modification Project	Dallas Terminal Modification Project	Buzzi Unicem USA, Inc.	SHELL	3.83	Buzzi Unicem USA, Inc.	Buzzi Unicem USA, Inc.	3	Buzzi Unicem USA, Inc.	Buzzi Unicem USA, Inc.	Monthly
6190-1	Paving and drainage improvements - Wheatland Rd	Paving and Drainage Improvements - Wheatland Rd	Tiseo Paving Co.	NOI	5.33	Tiseo Paving Co.	Tiseo Paving Co.	8	Tiseo Paving Co.	Tiseo Paving Co.	2-weeks
6191-1	AT & T Generator Plant Expansion	AT & T Generator Plant Expansion	H.C. Beck LTD	SCSN	1.6	H.C. Beck LTD	H.C. Beck LTD	1.6	H.C. Beck LTD	H.C. Beck LTD	Monthly
6192-1	Flag Pole Hill Trail Improvements	Flag Pole Hill Trail Improvements	City of Dallas Parks & Recreation Dept.	SCSN	1.5	City of Dallas Parks & Recreation Dept.	City of Dallas Parks & Recreation Dept.	1.5	City of Dallas Parks & Recreation Dept.	City of Dallas Parks & Recreation Dept.	Monthly
6193-1	AT & T Discovery District	AT & T Discovery District	HC Beck, LTD	SCSN	3	HC Beck, LTD	HC Beck, LTD	3	HC Beck, LTD	HC Beck, LTD	Monthly
6194-1	Elan Inwood and Forestwood Active Adult	Elan Inwood and Forestwood Active Adult	Greystar Development and Construction LP	NOI	26.15	Greystar Development and Construction LP	Greystar Development and Construction LP	40	Greystar Development and Construction LP	Greystar Development and Construction LP	2-weeks
6199-1	2171 Manana	2171 Manana Dr	McFadden & Miller	SHELL	14	McFadden & Miller	McFadden & Miller	14	McFadden & Miller	McFadden & Miller	2-weeks
6200-1	Privalta Residential	Privalta Residential	DFW Projects LLC	SHELL	2.7	DFW Projects LLC	DFW Projects LLC	2.5	DFW Projects LLC	DFW Projects LLC	Monthly
6202-1	Spring Valley Road Improvements	Spring Valley Road Improvements	Ragle Inc.	SHELL	3	Ragle Inc.	Ragle Inc.	2	Ragle Inc.	Ragle Inc.	Monthly
6209-1	Trinity Business Plaza	Trinity Business Plaza	HC Beck Ltd.	SHELL	1.7	HC Beck Ltd.	HC Beck Ltd.	1.7	HC Beck Ltd.	HC Beck Ltd.	Monthly
6210-1	207 Avery Storage	207 Avery Storage	Oakview Capital Partners	SHELL	1.47	Oakview Capital Partners	Oakview Capital Partners	1.47	Oakview Capital Partners	Oakview Capital Partners	Monthly
6219-1	Dal237401180Dcao	IH 635 fr E Abrams to W Plano Rd	Austin Bridge & Road, LP	NOI	7.19	Austin Bridge & Road, LP	Austin Bridge & Road, LP	7.19	Austin Bridge & Road, LP	Austin Bridge & Road, LP	2-weeks
6229-1	Drainage Relief Channel Site O	Drainage Relief Channel Site O	Southland Mole, JV	NOI	15.8	Southland Mole, JV	Southland Mole, JV	15.8	Southland Mole, JV	Southland Mole, JV	2-weeks
6239-1	3936 Beechwood Ln	3936 Beechwood Ln	Olerio Homes	NONE	0.95	Olerio Homes	Olerio Homes	0.76	Olerio Homes	Olerio Homes	Monthly
6249-1	South Haven	South Haven	FCS Construction LP	NOI	55	FCS Construction LP	FCS Construction LP	55	FCS Construction LP	FCS Construction LP	2-weeks
6259-1	Denton Dr, S of Walnut Hill to Royal Ln	Denton Dr, S of Walnut Hill to Royal Ln	Ragle, Inc.	SHELL	8.3	Ragle, Inc.	Ragle, Inc.	8.3	Ragle, Inc.	Ragle, Inc.	2-weeks
6269-1	Marriott Hotel-Rainmont and	Marriott Hotel	Andres Construction Services, LLC	SCSN	2	Andres Construction Services, LLC	Andres Construction Services, LLC	2	Andres Construction Services, LLC	Andres Construction Services, LLC	Monthly
6270-1	Fort Worth Ave Townhomes	Fort Worth Ave Townhomes	GRBK Fisco, LLC	SCSN	2.7	GRBK Fisco, LLC	GRBK Fisco, LLC	2.7	GRBK Fisco, LLC	GRBK Fisco, LLC	Monthly
6289-1	Street Resurfacing and Improvement-Umphress	Street Resurfacing and Improvement-Umphress	Johnson Bros	NONE	0.9	Johnson Bros	Johnson Bros	0.9	Johnson Bros	Johnson Bros	Monthly
6299-1	3227 W Ledbetter	3227 W Ledbetter	Juana and Lizath Vasquez	SHELL	2.5	Juana and Lizath Vasquez	Juana and Lizath Vasquez	2.5	Juana and Lizath Vasquez	Juana and Lizath Vasquez	Monthly
6309-1	APX Logistics	APX Logistics	American Pride Xpress Logistics	SHELL	4	American Pride Xpress Logistics	American Pride Xpress Logistics	2	American Pride Xpress Logistics	American Pride Xpress Logistics	Monthly
6319-1	Frenk's Addition	Frenk's Addition	Lee Hall Company LLC	SCSN	0.3	Lee Hall Company LLC	Lee Hall Company LLC	0.3	Lee Hall Company LLC	Lee Hall Company LLC	Monthly
6320-1	Utility Trailer Addition(COM)	Utility Trailer Addition(COM)	Utility Trailer of Dallas, Inc.	SCSN	2.9	Utility Trailer of Dallas, Inc.	Utility Trailer of Dallas, Inc.	2.9	Utility Trailer of Dallas, Inc.	Utility Trailer of Dallas, Inc.	Monthly
6329-1	Hillside Village Repositioning	Hillside Village Repositioning	Embree Construction Group, Inc.	NOI	12	Embree Construction Group, Inc.	Embree Construction Group, Inc.	12	Embree Construction Group, Inc.	Embree Construction Group, Inc.	2-weeks
6339-1	Dallas Executive Airport	DPD Helicopter Hangar	Lansford Company Inc.	SHELL	3	Lansford Company Inc.	Lansford Company Inc.	3.2	Lansford Company Inc.	Lansford Company Inc.	2-weeks

SWMS_FILE	CONSTRUCTION_SITE_NAME	PROJECT_NAME_ALIAS	OPERATOR_NAME_ALIAS	PERMIT_TYPE	MIT_ACRES_DISTURBED	PHYSICAL_ADDRESS	LOCATION_ACCESS	SWP3_ACRES_DISTURBED	OPERATOR_COMPANY	OPERATOR_NAME	SECTION_FREQUENCY
6339-2	Dallas Executive Airport	Runway 13 and Taxiway Bravo Extension	Austin Bridge and Road LP	NOI	47.54	3305 Challenger	3305 Challenger	47.54	Austin Bridge	Austin Bridge	2-weeks
6339-3	Dallas Executive Airport	Dallas Executive Airport Hangars	DCS Aviation LLC	SHELL	3	3305 Challenger	3305 Challenger	3	DCS Aviation LLC	DCS Aviation LLC	2-weeks
6349-1	Pacific Plaza Park	Pacific Plaza Park	HC Beck LTD	SCSN	3.8	401 N Harwood	401 N Harwood	3.8	HC Beck LTD	HC Beck LTD	Monthly
6350-1	Water and Wastewater Main	Water and Wastewater Main Replacement - Illinois Ave	Atkins Brothers Equipment Co	SHELL	2	Illinois Ave from	Illinois Ave from	1	Atkins Brothers	Atkins Brothers	Monthly
6359-1	Trinity River Standing Wave at Moore Park	Trinity River Standing Wave at Moore Park	Ark Contracting Services LLC	SCSN	1	1900 E 8th St	1900 E 8th St	9	Ark Contracting	Ark Contracting	2-weeks
6369-1	Dal019603262Dcao (I35E N)	Dal019603262Dcao (I35E)	Sema Construction Inc.	NOI	6.44	7133 Northway Dr	7133 Northway Dr	6.44	Sema LLC	Sema LLC	2-weeks
6379-1	Goodnight Lane Ph. II	Goodnight Lane Ph. II	RKM Utility Services Inc	SCSN	2	Goodnight Lane	Goodnight Lane	3.6	RKM Utility	RKM Utility	Monthly
6380-1	Kidd Springs Park Dam	Kidd Springs Park Dam	AS Con	SHELL	1	700 W Canty	700 W Canty	1.25	AS Con	AS Con	Monthly
6389-1	More Retail Building	More Retail Building	MPCH Management Corp.	SCSN	1.12	Highland Rd	Highland Rd	1.2	MPCH Management	MPCH Management	Monthly
6400-1	Five Star Ford of Dallas	Five Star Ford	HM & MF, LTD. dba Muckleroy & Falls	LCSN_PO	14	8925 IDENT	8925 IDENT	14	HM & MF, LTD.	HM & MF, LTD.	2-weeks
6409-1	Dallas Arboretum Eastpoint	Dallas Arboretum Eastpoint	McCaslin - Hill Construction, Inc.	SCSN	2	8925 IDENT	8925 IDENT	2	McCaslin-Hill Construction	McCaslin-Hill Construction	Monthly
6410-1	Skillman Car Wash	Skillman Car Wash	Cooper General Contractors	SCSN	4	8925 IDENT	8925 IDENT	4	Cooper General	Cooper General	Monthly
6411-1	QuikTrip (Regal Row)	QuikTrip (Regal Row)	Frank Dale Construction	SHELL	2.75	5233 Yulish Way	5233 Yulish Way	3.2	Frank Dale	Frank Dale	Monthly
6421-1	Murphy Oil Express	Murphy Oil Express	S&W construction	SCSN	1.3	5233 Yulish Way	5233 Yulish Way	1.3	S&W construction	S&W construction	Monthly
6422-1	Project Bonnie	Project Bonnie	Hillwood Construction Services, LP	NOI	65	5305 Yulish Way	5305 Yulish Way	65	Hillwood Construction	Hillwood Construction	2-weeks
6423-1	Medical District Dr	Medical District Dr	Structural Assurance, LLC	SCSN	3	5305 Yulish Way	5305 Yulish Way	3	Structural Assurance	Structural Assurance	Monthly
6432-1	Demo of Carver Learning and	Demo of Carver Learning and Dallas Env science Academy	Garrett Demolition, Inc.	SHELL	12.5	5305 Yulish Way	5305 Yulish Way	10	Garrett Demolition	Garrett Demolition	2-weeks
6435-1	Casa Linda Shopping Center Renovation	Casa Linda Shopping Center Renovation	Spring Valley Construction Company	SCSN	3.3	5440	5440	3.3	Spring Valley	Spring Valley	Monthly
6436-1	Dollar General	Dollar General	Bradford Building Co	SCSN	1.3	5440	5440	1.3	Bradford Building	Bradford Building	Monthly
6442-1	Park Forest Self Storage	Park Forest Self Storage	Commercial Construction Group LLC	SCSN	1.1	3530 Forest Ln	3530 Forest Ln	3.8	Commercial Construction	Commercial Construction	Monthly
6443-1	The Episcopal School of Dallas	The Episcopal School of Dallas	Hill and Wilkinson Construction Group, LTD.	SCSN	1.4	4100 Wrentham	4100 Wrentham	1.5	Hill and Wilkinson	Hill and Wilkinson	Monthly
6444-1	David W Carter High School	David W Carter High School	S and P and Source, A Joint Venture LLC	SCSN	1.74	5815 W	5815 W	4.5	S&P and Source	S&P and Source	Monthly
6445-1	Wendy's	Wendy's	Alarcon Construction Group	SCSN	0.92	5815 W	5815 W	0.1	Alarcon Construction	Alarcon Construction	Monthly
6446-1	Regions Bank Preston Center	Regions Bank Preston Center	MAPP LLC	SCSN	1.18	5815 W	5815 W	1.18	MAPP LLC	MAPP LLC	Monthly
6447-1	PHHS Parking Lot	PHHS Parking Lot	SMR Construction, Inc.	SCSN	2.9	5815 W	5815 W	2.27	SMR Construction	SMR Construction	Monthly
6448-1	5959 Alpha Rd.	5959 Alpha Rd.	Platinum Construction	SCSN	0.8	5959 Alpha Rd.	5959 Alpha Rd.	1	Platinum Construction	Platinum Construction	Monthly
6453-1	Magnolia Zang 3	Magnolia Zang 3	Crimson Building Company, LLC	SCSN	1.28	5959 Alpha Rd.	5959 Alpha Rd.	1.28	Crimson Building	Crimson Building	Monthly
6462-1	UME Preparatory School	UME Preparatory School	Novel Builders LLC	SCSN	2	5959 Alpha Rd.	5959 Alpha Rd.	4.5	Novel Builders	Novel Builders	2-weeks
6463-1	PDSI Sylvan Ave	Paving Drainage and Streetscape Improvements - Sylvan Ave.	Tiseo Paving Co.	NOI	6.82	5959 Alpha Rd.	5959 Alpha Rd.	6.82	Tiseo Paving Co.	Tiseo Paving Co.	2-weeks
6464-1	Lonsdale Ave Road Construction	Lonsdale Ave Road Construction	Jeske Construction CO.	SCSN	1.75	5959 Alpha Rd.	5959 Alpha Rd.	2	Jeske Construction	Jeske Construction	Monthly
6482-1	Modera Dallas Midtown	Modera Dallas Midtown	Mill Creek Residential	SCSN	3.84	5959 Alpha Rd.	5959 Alpha Rd.	3.84	Mill Creek Residential	Mill Creek Residential	Monthly
6492-1	P and D Improvements - Bismark	P and D Improvements - Bismark Dr	MACVAL Associates LLC	SHELL	2	5959 Alpha Rd.	5959 Alpha Rd.	1.5	MACVAL Associates	MACVAL Associates	Monthly
6493-1	Wynnewood Village Drainage Improvements	Wynnewood Village Drainage Improvements	North Texas Contracting Inc.	NOI	5.8	5959 Alpha Rd.	5959 Alpha Rd.	5.8	North Texas Contracting	North Texas Contracting	2-weeks
6494-1	Cedar Branch Townhome Addition	Cedar Branch Townhome Addition	Texas Intownhomes LLC	SHELL	5.62	5959 Alpha Rd.	5959 Alpha Rd.	4.5	Texas Intownhomes	Texas Intownhomes	2-weeks
6502-1	Quiktrip 0976	Quiktrip	Lucky Construction, Inc	SHELL	1.71	1449 Inwood Rd	1449 Inwood Rd	1.7	Lucky Construction	Lucky Construction	Monthly
6503-1	Blackstone and Bainbridge Improvements	Blackstone and Bainbridge Improvements	Austin Filter Systems Inc	SCSN	2.5	1449 Inwood Rd	1449 Inwood Rd	2.5	Austin Filter Systems	Austin Filter Systems	Monthly
6512-1	Demo of 1912 N Beckley Ave	Demo of 1912 N Beckley Ave	Lindamood Demolition Inc	SHELL	3.5	1912 N Beckley Ave	1912 N Beckley Ave	3.5	Lindamood Demolition	Lindamood Demolition	Monthly
6513-1	Demo at 7800 John W Carpenter Frwy	Demo at 7800 John W Carpenter Frwy	JRs Demolition	SHELL	1.6	7800 John W Carpenter Frwy	7800 John W Carpenter Frwy	1.6	JRs Demolition	JRs Demolition	Monthly
6522-1	5002 San Jacinto	5002 San Jacinto	Eko Construction	SHELL	1.1	5002 San Jacinto	5002 San Jacinto	1	Eko Construction	Eko Construction	Monthly
6523-1	Energy Square - ES2 Garage	Energy Square - ES2 Garage	The Whiting-Turner Contracting Co	LCSN_PO	1.5	4949 Energy Square	4949 Energy Square	4.5	The Whiting-Turner	The Whiting-Turner	Monthly
6532-1	Bishop Arts	Bishop Arts	Crimson Building Company LLC	NOI	9	5815 W	5815 W	9	Crimson Building	Crimson Building	2-weeks
6542-1	Cedar Crest Honey Springs Dallas	Cedar Crest Honey Springs Dallas	Construction Companies Group LLC	SHELL	16.8	5815 W	5815 W	16.8	Construction Companies	Construction Companies	2-weeks
6562-1	Exeter Buckner Bldgs 2 3 & 4	Exeter Buckner Bldgs 2 3 & 4	FCL Builders LLC	NOI	80	4093 Cedar Crest	4093 Cedar Crest	80	FCL Builders LLC	FCL Builders LLC	2-weeks
6572-1	The Pittman Hotel	The Pittman Hotel	Balfour BeattyConstruction	SCSN	1.5	4093 Cedar Crest	4093 Cedar Crest	1.5	Balfour BeattyConstruction	Balfour BeattyConstruction	Monthly
6573-1	BSWH Administrative Center	BSWH Administrative Center	Austin Commercial, LP	LCSN_PO	5.44	3724 RACE ST	3724 RACE ST	5.44	Austin Commercial	Austin Commercial	2-weeks
6582-1	Ablon Galleria North	Ablon Galleria North	Regency Galleria North LLC	LCSN_PO	7.8	3724 RACE ST	3724 RACE ST	7.82	Regency Galleria North	Regency Galleria North	2-weeks
791-2	Flora Street Townhomes	Flora Street Townhomes	Megatel Homes	SCSN	3.5	FLORA ST	FLORA ST	2	Megatel Homes	Megatel Homes	Monthly

District	SWMS FACILITY ID	DATA SOURCE	COMPANY NAME ALIAS	SARA313	HIGH RISK	High Bacteria Potential	PHYSICAL ADDRESS	PRIMARY SIC	TCEQ SECTOR
SARA 313									
Northwest	69	BMS	A & B Aluminum & Brass Fo	YES	YES		11165 Denton Dr	3366	F
Southwest	229	InfoSource	Airgas Inc	YES	NO		3415 Banning St	2813	C
Northwest	467	BMS	Auto Wax Co Inc	YES	YES		1275 Round Table	2842	C
Southwest	679	BMS	Buckley Oil Co	YES	NO		1809 Rock Island St	5171	P
Southwest	920	BMS	Commercial Metals Co Inc	YES	YES		4846 Singleton Blvd	3441	AA
Northwest	1047	BMS	Custom Crete Inc	YES	YES		2624 Joe Field Rd	3273	E
Northeast	1081	BMS	D A P Inc	YES	NO		13555 Jupiter Rd	2891	C
Northeast	1095	BMS	D R S Infared Technologies	YES	NO		13544 N Central Expy	3827	AC
Northeast	1347	BMS	Eagle Circuits Inc	YES	NO		10820 Sanden	3672	AC
Southwest	1613	BMS	G A F Building Materials	YES	YES		2600 Singleton Blvd	2952	D
Northeast	1654	BMS	Genlyte Controls	YES	NO		10911 Petal	3648	AC
Northwest	1831	BMS	Hensley Industries Inc	YES	YES		2108 Joe Field Rd	3325	F
Northwest	1844	BMS	SPX Transformer Solutions	YES	NO		9011 Governors Row	3699	AC
Northwest	2088	BMS	Jones Blair Co	YES	NO		2728 Empire Central	2851	C
Northwest	2222	BMS	Lattimore Materials Inc	YES	YES		10361 Bickham # A	3273	E
Southeast	2400	BMS	Martin Foundry	YES	YES		2944 Oak Ln	3568	AB
Northwest	2401	BMS	Mary Kay Inc	YES	NO		1330 Regal Row	2844	C
Southeast	2410	InfoSource	Master-Halco Inc	YES	YES		8431 Hoyle Ave	3496	F
Southeast	2517	InfoSource	Borden	YES	NO		5327 S Lamar St	2024	U
Southwest	2571	BMS	Motiva Enterprises	YES	YES		3900 Singleton Blvd	5171	P
Southwest	2846	BMS	Pierce Chemicals Royal Bon	YES	NO		4722 Bronze Way	2869	C
Northwest	3080	BMS	Raytheon Defense	YES	YES		6000 Lemmon Ave	3599	AB
Northeast	3081	BMS	Raytheon Systems Co	YES	NO		13510 N Central Expy	3679	AC
Southwest	3151	BMS	Rock Tenn Co	YES	YES		1120 E Clarendon	2679	B
Northeast	3219	BMS	Sanden Vendo America	YES	NO		10710 Sanden	3581	AB
Southeast	3233	BMS	Schepps Dairy Inc	YES	NO		3114 S Haskell	2026	U
Southwest	3357	BMS	Southern Star Concrete Inc	YES	YES		240 Singleton Blvd	3273	E
Northwest	3545	BMS	T X I Cement Treated Base	YES	YES		10615 Spangler	3273	E
Southeast	3553	BMS	Tamko Roofing Products	YES	YES		7910 S Central Expy	2951	D
Northwest	3622	InfoSource	North Texas Redi Mix 31	YES	YES		10610 Spangler Rd	3273	E
Southeast	3625	InfoSource	Texas Industries Inc	YES	YES		580 N Corinth St	3273	E
Southwest	3783	BMS	Tyson Prepared Foods	YES	NO		4114 Mint Way	2013	U
Northwest	3801	BMS	U S Gypsum Co	YES	YES		255 Regal Row	3275	E
Northwest	3954	BMS	Wal Mart Optical Lab	YES	NO		9029 Directors Row	3851	AC
Northwest	3976	BMS	Wellmark International	YES	NO		12111 Ford Rd	2899	C
Northwest	5046	TRI	LUXOTTICA OPTICAL MANU	YES	NO		2465 JOE FIELD ROAD	3827	

Southwest	5057	TRI	HARCROS CHEMICALS INC	YES	NO		2627 WEIR ST	5169	
Northwest	5066	TRI	PETRA CHEMICAL CO	YES	YES		2929 STOREY LN	2819	
Northeast	5094	TRI	AIR LIQUIDE ELECTRONICS	YES	NO		13546 N CENTRAL EXPRESSWAY	5169	
Northwest	5110	TRI	ROYAL CHEMICAL CO	YES	NO		2851 REWARD LN	2841	
Northwest	5143	BMS	A P A C Texas Inc	YES	YES		4525 Leston	1611	
Northeast	5146	BMS	Univar Inc	YES	NO		10889 Bekay St	5169	
Southwest	5147	BMS	Univar USA Inc.	YES	NO		3636 Dan Morton	5169	
Northwest	5313	SWMS	EMF Company	YES	NO		106 Regal Row	3499	
Southwest	5436	SWMS	Tile to Headwaters Constr	YES	YES		2202 Chalk Hill Rd	3271	E
Northeast	5457	SWMS	Texas Instruments - North	YES	NO		13500 N Central Expressway	3674	AC
Northwest	5702	SWMS	Future Foam, Inc.	YES	NO		2855 Century Street	3086	Y
Southwest	6219	InfoSource	Overwraps Packaging Inc	YES	NO		3950 La Reunion Pkwy	3089	
Southwest	6795	SWMS	Reddy Ice Corporation	YES	NO		4320 Duncanville Road	2097	U
Northwest	7005	TRI	Maxim Integrated Products	YES	NO		4350 S Beltwood Parkway		
Southwest	7366	SWMS	Y RSI Home Products	YES			5800 West Kiest Blvd.	2434	W
Southeast	7527	SWMS	Lattimore Materials Corp	YES			1005 Forest Avenue	3272	E
Southwest	8786	SWMS	WhiteWave Foods	YES			3333 Dan Morton Dr	2026	U
Southwest	8926	SWMS	Thermal Solutions	YES			3051 W. Commerce St	3714	AB
Southeast	9227	SWMS	Ready Mix Dallas #74	YES	YES		3301 National	3273	E
Southwest	9247	SWMS	Rocore Southwest, Inc.	YES			4020 La Reunion Pkwy # 110	3714	AB
Northwest	9608	SWMS	Arrow Magnolia International	YES			2646 Rodney Ln	2841	C
NO	11716	SWMS	J A M Distributing	YES	NO		3330 Duncanville Rd.	5171	P
District	SWMS FACILITY ID	DATA SOURCE	COMPANY NAME ALIAS	SARA313	HIGH RISK	High Bacteria Potential	PHYSICAL ADDRESS	PRIMARY SIC	TCEQ SECTOR

SARA 313-Sector U Sites

Southeast	2517	InfoSource	Borden	YES	NO	YES	5327 S Lamar St	2024	U
Southeast	3233	BMS	Schepps Dairy Inc	YES	NO	YES	3114 S Haskell	2026	U
Southwest	3783	BMS	Tyson Prepared Foods	YES	NO	YES	4114 Mint Way	2013	U
Southwest	6795	SWMS	Reddy Ice Corporation	YES	NO	YES	4320 Duncanville Road	2097	U
Southwest	8786	SWMS	WhiteWave Foods	YES		YES	3333 Dan Morton Dr	2026	U
District	SWMS FACILITY ID	DATA SOURCE	COMPANY NAME ALIAS	SARA313	HIGH RISK	High Bacteria Potential	PHYSICAL ADDRESS	PRIMARY SIC	TCEQ SECTOR

High Risk Sites

Southeast	5339	SWMS	A & A Pallet	NO	YES		7028 CF Hawn Frwy	2448	A
Northwest	11486	SWMS	Soil Building Systems, Inc.	NO	YES		2101 WALNUT HILL LN	2499	A
Northwest	106	BMS	A J R Metal Works	NO	YES		2825 Reward Ln	3471	AA
Northwest	455	BMS	Atrium Windows & Doors	NO	YES		9001 Ambassador Row	3442	AA
Northwest	495	InfoSource	Excel Steel	NO	YES		1760 W NW Hwy	3446	AA

Southwest	602	BMS	Big D Metalworks	NO	YES		2002 Quincy	3446	AA
Northwest	649	BMS	Bratton Steel Inc	NO	YES		10733 Newkirk	3441	AA
Southwest	957	BMS	Contractors Iron & Steel Co	NO	YES		2601 N Beckley Ave	3441	AA
Southeast	1050	InfoSource	Custom Manufacturing Co	NO	YES		5501 S Lamar St	3444	AA
Southwest	1201	BMS	Davis Metal Stamping Co Inc	NO	YES		620 Fabrication	3469	AA
Southeast	1485	BMS	Faubion & Associates Inc	NO	YES		1000 Forest Ave	3446	AA
Southwest	1572	InfoSource	Four-Star Fabrication Inc	NO	YES		2041 W Commerce St	3441	AA
Southwest	1943	BMS	Industrial Metal Specialties	NO	YES		4023 Singleton Blvd	3444	AA
Southwest	2319	InfoSource	M & H Metal Specialties Inc	NO	YES		5711 W Ledbetter Dr	3441	AA
Southwest	2540	InfoSource	Mobile Mini Inc	NO	YES		3550 Duncanville Rd	3444	AA
Northwest	2644	BMS	Newcomb Spring Co Of Tex	NO	YES		2831 Satsuma	3493	AA
Northwest	2834	BMS	Pettigrew Custom Iron & M	NO	YES		7301 Hines Pl	3446	AA
Northwest	3059	BMS	Ragsdale Sheet Metal Co Inc	NO	YES		1746 Rhome	3444	AA
Southwest	3060	BMS	Rainbow Building Systems	NO	YES		3420 Singleton Blvd	3441	AA
Northwest	3093	BMS	Red Steel Co	NO	YES		10566 Spangler	3441	AA
Southwest	5748	SWMS	Quality Ironworks, Inc.	NO	YES		1607 W. Commerce St	3499	AA
Southwest	6777	SWMS	Nufab Arrowhead, LLC	NO	YES		4700 Singleton Blvd.	3449	AA
Southwest	6945	SWMS	Brenco Industrial Services, Inc	NO	YES		2929 Mican Drive	3448	AA
Northwest	8977	SWMS	Clark Dietrich Building Systems	NO	YES		10340 Denton Dr	3444	AA
Southwest	10916	SWMS	Cleaver-Brooks Sales and Service	NO	YES		1956 Singleton Blvd	3433	AA
Northwest	10936	SWMS	USA Shade & Fabric Structures	NO	YES		8319 Chancellor Row	3448	AA
Southwest	920	BMS	Commercial Metals Co Inc	YES	YES		4846 Singleton Blvd	3441	AA
Northeast	2012	BMS	J B C Steel Products LLC	NO	YES		10904 Sanden # 102	3441	AB
Northwest	5529	SWMS	City Motor Supply	NO	YES		11670 Harry Hines	3519	AB
Southeast	2400	BMS	Martin Foundry	YES	YES		2944 Oak Ln	3568	AB
Northwest	3080	BMS	Raytheon Defense	YES	YES		6000 Lemmon Ave	3599	AB
Southeast	933	BMS	Computer Environments Inc	NO	YES		1616 John West Rd	3643	AC
Southwest	6527	SWMS	Corrugated Services Dallas	NO	YES		3920 Singleton Blvd	2679	B
Southwest	3151	BMS	Rock Tenn Co	YES	YES		1120 E Clarendon	2679	B
Northeast	211	InfoSource	Air Liquide America LP	NO	YES		13140 Ti Blvd	2813	C
Southeast	1881	InfoSource	Hope Agri-Products Inc	NO	YES		4930 River Oaks Rd	2875	C
Northwest	2243	InfoSource	Letco Group The, LP	NO	YES		1901 California Xing	2875	C
Southeast	2700	BMS	Occidental Chemical Corp	NO	YES		1100 Lenway	2899	C
Northwest	467	BMS	Auto Wax Co Inc	YES	YES		1275 Round Table	2842	C
NO	11686	SWMS	Gem Asset Acquisitions LLC	NO	YES		3111 W. Saner Ave.	2951	D
Southwest	1613	BMS	G A F Building Materials	YES	YES		2600 Singleton Blvd	2952	D
Southeast	3553	BMS	Tamko Roofing Products	YES	YES		7910 S Central Expy	2951	D
Southwest	265	BMS	Allied Construction Supplies	NO	YES		2624 Norwich	3272	E
Southeast	904	BMS	Collins Concrete Inc	NO	YES		12650 Ravenview	3273	E

Northwest	1085	BMS	D F W Coping	NO	YES		2334 Glenda Ln	3272	E
Southeast	1114	BMS	Dallas Cast Stone Co	NO	YES		4107 Hancock	3272	E
Southwest	1413	BMS	Enterprise Concrete Product	NO	YES		4040 Singleton Blvd	3272	E
Southwest	1486	BMS	Featherlite Building Products	NO	YES		3815 Singleton Blvd	3271	E
Southeast	4001	InfoSource	U-Cart Concrete	NO	YES		8990 Forney Rd	3272	E
Northwest	6725	SWMS	Big D Concrete Inc	NO	YES		10363 Bickham Rd.	3273	E
Northwest	7275	SWMS	Redi-Mix Concrete	NO	YES		11080 Luna Rd	3273	E
Southeast	7376	SWMS	Top Cat Ready Mix, LLC	NO	YES		2040 Dowdy Ferry Rd.	3273	E
Southeast	9226	SWMS	Beal Lime Services	NO	YES		3301 National	3273	e
Northwest	1047	BMS	Custom Crete Inc	YES	YES		2624 Joe Field Rd	3273	E
Northwest	2222	BMS	Lattimore Materials Inc	YES	YES		10361 Bickham # A	3273	E
Southwest	3357	BMS	Southern Star Concrete Inc	YES	YES		240 Singleton Blvd	3273	E
Northwest	3545	BMS	T X I Cement Treated Base	YES	YES		10615 Spangler	3273	E
Northwest	3622	InfoSource	North Texas Redi Mix 31	YES	YES		10610 Spangler Rd	3273	E
Southeast	3625	InfoSource	Texas Industries Inc	YES	YES		580 N Corinth St	3273	E
Northwest	3801	BMS	U S Gypsum Co	YES	YES		255 Regal Row	3275	E
Southwest	5436	SWMS	Tile to Headwaters Construction	YES	YES		2202 Chalk Hill Rd	3271	E
Southeast	9227	SWMS	Ready Mix Dallas #74	YES	YES		3301 National	3273	E
Southwest	1980	InfoSource	Interstate Threaded Products	NO	YES		2200 Singleton Blvd	3312	F
Southwest	3945	BMS	W & S Finishing Corp	NO	YES		4138 Shilling Way	3471	F
Northwest	69	BMS	A & B Aluminum & Brass Fabrication	YES	YES		11165 Denton Dr	3366	F
Northwest	1831	BMS	Hensley Industries Inc	YES	YES		2108 Joe Field Rd	3325	F
Southeast	2410	InfoSource	Master-Halco Inc	YES	YES		8431 Hoyle Ave	3496	F
Southwest	792	BMS	Champion Waste Services LLC	NO	YES		2400 Vinson	4953	K L
Northwest	925	BMS	Community Waste Disposal	NO	YES		2010 California Crossing Rd	5093	K L
Southeast	84	BMS	A 1 Rylie Auto Parts	NO	YES		1115 Ellenwood	5015	M
Southwest	93	BMS	A Auto Crusher	NO	YES		3610 Bedford	5015	M
Southwest	392	BMS	Arcadia Auto Parts	NO	YES		5401 W Jefferson Blvd	5015	M
Southwest	451	BMS	Atomic Auto Parts	NO	YES		3738 Singleton Blvd	5015	M
Southeast	464	BMS	Auto City Salvage	NO	YES		13815 Skyfrost	5015	M
Southeast	492	BMS	B & B Auto Salvage	NO	YES		9701 S Central Expy # 310	5015	M
Southeast	699	BMS	Triple A Auto Recycling, Inc	NO	YES		1753 S Belt Line Rd	5015	M
Southeast	1809	BMS	Hawn Freeway Auto Salvage	NO	YES		10505 C F Hawn Fwy	5015	M
Southeast	1829	BMS	Henderson Auto Parts	NO	YES		6406 C F Hawn Fwy	5015	M
Southeast	2302	BMS	Lonestar Auto	NO	YES		8371 C F Hawn Fwy	5015	M
Southeast	2509	BMS	Bishop Truck Parts - Midway	NO	YES		3502 E Kiest	5015	M
Southeast	2740	BMS	Osborns Foreign & American Auto	NO	YES		10701 C F Hawn Fwy	5015	M
Southeast	2818	BMS	Bill Jones Auto Parts and Performance	NO	YES		8601 S Central Expy	5015	M
Southwest	2845	BMS	Pick N Pull Auto Dismantler	NO	YES		1359 N Walton Walker	5015	M

Southwest	3453	BMS	Stop & Pull Auto Parts	NO	YES		5419 S R L Thornton Fwy	5015	M
Southwest	3740	BMS	Trinity Auto Parts	NO	YES		2021 Rock Island St	5015	M
Southeast	3765	BMS	Twin Lakes Auto Salvage	NO	YES		9915 S Central Expy	5015	M
Southeast	5327	SWMS	AAA Truck Parts	NO	YES		13331 Hawn Frwy	5015	M
Southeast	5337	SWMS	Bi-Lo Auto Salvage	NO	YES		9801 S. Central Expy	5015	M
Northwest	5351	SWMS	C. A. R. Auto Parts	NO	YES		11147 Harry Hines Blvd	5015	M
Southeast	5401	SWMS	Gold Auto Parts Recycling	NO	YES		3301 S Lamar St	5015	M
Southeast	5502	SWMS	U.S. Truck Parts, Inc.	NO	YES		13121 CF Hawn Fwy	5015	M
Southwest	5684	SWMS	Ernie's A Auto Parts	NO	YES		3546 Bedford Street	5015	M
Southeast	5686	SWMS	Garland Auto Recyclers & A	NO	YES		4211 S. Loop 12	5015	M
Southeast	6358	SWMS	Jack Apperson	NO	YES		4520 S Loop 12	5015	M
Southeast	6438	SWMS	Kleburg Auto Parts	NO	YES		12341 CF Hawn Fwy	5011	M
Southeast	6695	SWMS	LKQ Greenleaf 1737	NO	YES		5311 S. Lamar	5015	M
Southeast	6816	SWMS	A1 Autopartes.com, LLC	NO	YES		5427 South Lamar	5015	M
Southeast	6996	SWMS	Pick-n-Pull	NO	YES		8835 South Expressway	5015	M
Southwest	7185	SWMS	Mejia Rigoberto Gustavo	NO	YES		5392 Prime Lane	5015	M
Southwest	7195	SWMS	Jose Lopez	NO	YES		5353 Prime	5015	M
Southwest	7198	SWMS	SL Auto Sales	NO	YES		6022 Chippewa	5015	M
Southwest	7199	SWMS	Hectors Auto salvage	NO	YES		5374 Turnout Lane	5015	M
Southeast	7336	SWMS	Pick N Pull	NO	YES		5301 S. 2nd Ave.	5015	M
Southeast	10376	SWMS	Gabby Hall Auto	NO	YES		8635 C F Hawn Freeway	5015	M
Southwest	11436	SWMS	Grannys Auto Salvage	NO	YES		5363 X Ray Ln	5015	M
Northwest	150	BMS	Ace Iron & Metal Co	NO	YES		4603 Irving Blvd	5093	N
Southeast	447	BMS	Atlas Scrap Management	NO	YES		2209 S Industrial Blvd	5093	N
Southeast	448	BMS	Atlas Scrap Management	NO	YES		9506 S Central Expy	5093	N
Southeast	917	InfoSource	Commercial Metals Co	NO	YES		2215 S Good Latimer Expy	5093	N
Southwest	919	BMS	Commercial Metals Co Inc	NO	YES		1729 N Westmoreland Rd	5093	N
Southeast	1694	BMS	Gold Metal Recycler Ltd	NO	YES		4305 S Lamar	5093	N
Southwest	2035	BMS	Jacobs Iron Metal Co Inc	NO	YES		3330 Pluto	5093	N
Southwest	2711	BMS	Okon Metals Inc	NO	YES		2001 S Industrial Blvd	5093	N
Southeast	2712	BMS	Okon Metals Inc	NO	YES		4717 S Lamar	5093	N
Southwest	2854	BMS	Pioneer Paper Stock	NO	YES		5000 Singleton Blvd	5093	N
Southeast	5330	SWMS	City Industries, Inc	NO	YES		1910 Wall Street	5093	N
Southeast	5725	SWMS	Taylor Brothers Cross Ties,	NO	YES		4570 Cedardale Road	5093	N
Northwest	6469	SWMS	RPR Environmental Service	NO	YES		4847 Alexander	5093	N
Northwest	6523	SWMS	Waste Management of Tex	NO	YES		5025 Cash Rd	5093	N
Southwest	6655	SWMS	Dallas Oil Service Tank Yard	NO	YES		3007 Cartwright Street	5093	N
Southwest	6837	SWMS	Freeman Metals, Inc./ FMI	NO	YES		2929 Glenfield Ave.	5093	N
Southeast	8927	SWMS	Oak Cliff Metals	NO	YES		8242 S. Central Expy	5093	N

Southeast	9096	SWMS	Sunrise Recycling LLC	NO	YES		4801 S LAMAR	5093	N
Southeast	9126	SWMS	Lane Recyclers General Par	NO	YES		11521 C F Hawn Frwy	5093	N
Southwest	10446	SWMS	Sunshine Recycling	NO	YES		2019 Ruder St	5093	N
Southwest	10886	SWMS	Okon Metals	NO	YES		5901 S. Lamar St	5093	N
NO	11626	SWMS	Gold Metal Recyclers, Ltd	NO	YES		2401 Vinson St	5093	N
Southeast	11747	SWMS	OJ Salvage & Auto Crushing	NO	YES		14057 Skyfrost Drive	5093	N
Southeast	11748	SWMS	Star Motors	NO	YES		14830 Kleberg Road	5093	N
NO	11766	SWMS	Dallas Recycle Center	NO	YES		5200 Simpson Stuart Rd.	5093	N
Southwest	1453	InfoSource	Exelon Generation Co LLC	NO	YES		2223 A Mountain Creek Pkwy	4911	O
Southwest	10416	SWMS	Sunshine Recycling	NO	YES		2035 Progressive Dr	4212	P
Southwest	11396	SWMS	Champion Waste Services L	NO	YES		2414 Vinson St	4212	P
Southwest	11397	SWMS	Champion Waste Services L	NO	YES		2500 Vinson St	4212	P
Southwest	2571	BMS	Motiva Enterprises	YES	YES		3900 Singleton Blvd	5171	P
Northwest	1104	BMS	Dallas Airmotive Inc	NO	YES		6114 Forest Park Rd	4581	S
Southeast	1185	BMS	Darling International Inc	NO	YES	YES	1240 Sargent Rd	2077	U
Southwest	3092	InfoSource	Recycle To Conserve Texas	NO	YES	YES	3610 Duncanville Rd	2048	U
Southwest	2852	BMS	Pioneer Balloon Co	NO	YES		4025 Singleton Blvd	3069	X
Northwest	797	InfoSource	Chaparral Welding & Fabct	NO	YES		2453 Merrell Rd	1761	
Southwest	5149	BMS	Dallas Waste Disposal	NO	YES		3303 Pluto	4959	
Southwest	5161	BMS	Latinos Ready Mix Concrete	NO	YES		1001 W Commerce	3273	
Southeast	5215	SWMS	Action Metals	NO	YES		3514 S LAMAR	5093	
Northwest	5219	SWMS	Austin Bridge and Road	NO	YES		11143 GOODNIGHT LN	2951	
Southeast	5221	SWMS	Green Earth Metal Recyclin	NO	YES		4115 S LAMAR	5093	
Southwest	5276	SWMS	Plastic Rescue Inc	NO	YES		3323 PLUTO ST	5093	
Southwest	5282	SWMS	Reliable Ready Mix Concret	NO	YES		1025 W COMMERCE	3273	
Northwest	5289	SWMS	Argos Ready Mix (South Ce	NO	YES		1946 CALIFORNIA CROSSING	3443	
Southwest	5574	SWMS	City of Dallas Hensley Field	NO	YES		8200 W Jefferson BLVD	5015	
Southeast	5593	SWMS	COD MCommas Bluff Land	NO	YES		5100 Youngblood RD	4953	
Southwest	6449	SWMS	Tony's Auto Salvage	NO	YES		8499 Lindaloe		
Southeast	6513	SWMS	2200 Ross L.P.	NO	YES		2200 Ross Ave		
Northwest	5066	TRI	PETRA CHEMICAL CO	YES	YES		2929 STOREY LN	2819	
Northwest	5143	BMS	A P A C Texas Inc	YES	YES		4525 Leston	1611	
High Risk - Sector U Sites									
Southeast	1185	BMS	Darling International Inc	NO	YES	YES	1240 Sargent Rd	2077	U
Southwest	3092	InfoSource	Recycle To Conserve Texas	NO	YES	YES	3610 Duncanville Rd	2048	U
District	SWMS FACILITY ID	DATA SOURCE	COMPANY NAME ALIAS	SARA313	HIGH RISK	High Bacteria Potential	PHYSICAL ADDRESS	PRIMARY SIC	TCEQ SECTOR
Sector U Sites									

Northwest	504	InfoSource	B C W Food Products Inc	NO	NO	YES	6000 Denton Dr	2045	U
Northeast	584	BMS	CSM Bakery	NO	NO	YES	10741 Miller Rd	2051	U
Northwest	655	InfoSource	Bridgford Foods Corp	NO	NO	YES	9001 Chancellor Row	2038	U
Southeast	656	InfoSource	Bridgford Industries Inc	NO	NO	YES	1707 S Good Latimer Expy	2051	U
Northwest	705	BMS	C & L Foods Inc	NO	NO	YES	1802 E Levee St	2015	U
Northwest	886	BMS	Coca Cola North America	NO	NO	YES	6445 Lemmon Ave	2086	U
Southeast	887	InfoSource	Coca-Cola Bottling Co	NO	NO	YES	8161 Moberly Ln	2086	U
Southeast	910	BMS	Columbia Packing Inc	NO	NO	YES	2807 E 11th	2011	U
Northwest	1136	InfoSource	Dallas Gourmet Bakery Inc	NO	NO	YES	2660 Brenner Dr	2051	U
Southwest	1164	BMS	Dallas Tortilla & Tamale Fct	NO	NO	YES	309 N Marsalis	2099	U
Southwest	1168	BMS	Dallas USA Foods Inc	NO	NO	YES	1880 Lone Star Dr	2015	U
Northwest	1206	BMS	De Luna Sales	NO	NO	YES	3021 Lombardy Ln # B	2099	U
Northeast	1282	BMS	Don Miguel Mexican Food	NO	NO	YES	9670 Chartwell	2099	U
Southwest	1420	BMS	Epi Breads	NO	NO	YES	4710 W Ledbetter Dr	2051	U
Northwest	1524	BMS	First Food Co Inc	NO	NO	YES	4561 Leston	2099	U
Northwest	1589	BMS	Fresh Pasta Delights	NO	NO	YES	2680 Nova Dr	2098	U
Northwest	1591	BMS	Frito Lay Inc	NO	NO	YES	1141 Regal Row	2096	U
Southwest	1592	BMS	Frito Lay Inc	NO	NO	YES	3548 Duncanville Rd	2096	U
Southwest	1593	BMS	Frito Lay Inc - C.E. Doolin CS	NO	NO	YES	9301 Stoneview Dr	4213	U
Southwest	1700	BMS	Gonzalez Fried Products	NO	NO	YES	1610 Fort Worth Ave	2041	U
Southwest	1746	InfoSource	Mission Foods	NO	NO	YES	4000 Dan Morton Dr 100	2096	U
Northwest	2117	InfoSource	Kaurina's	NO	NO	YES	2750 Northaven Rd Ste 302	2024	U
Northwest	2175	BMS	Kubys Sausage House	NO	NO	YES	7901 Sovereign Row	2013	U
Northwest	2313	InfoSource	Lady Walton's Cookies	NO	NO	YES	151 Regal Row Ste 118	2052	U
Northeast	2418	BMS	Maui Foods International	NO	NO	YES	4008 Commerce St # 108	2051	U
Southwest	2537	BMS	Mizkan Americas Inc	NO	NO	YES	4647 Bronze Way	2099	U
Northeast	2584	InfoSource	Mozzarella Co	NO	NO	YES	2944 Elm St	2022	U
Northwest	2616	InfoSource	National Food & Beverage I	NO	NO	YES	9000 Premier Row	2033	U
Southwest	3015	BMS	Quality Sausage Co Inc	NO	NO	YES	1925 Lone Star Dr	2013	U
Southwest	3045	BMS	R P G Manufacturing	NO	NO	YES	4105 Rock Quarry Rd	2672	U
Southwest	3132	InfoSource	Rio Star Foods Inc	NO	NO	YES	3251 W Commerce St	2011	U
Southwest	3188	BMS	Rudolph Foods	NO	NO	YES	3660 Pipestone	2096	U
Northwest	3496	BMS	Sunrise Foods Inc	NO	NO	YES	10310 Zodiac	2099	U
Northwest	3909	BMS	Van Oriental Foods	NO	NO	YES	4828 Reading	2099	U
Southwest	5328	SWMS	Phayvanh Food Corp	NO	NO	YES	4233 Shilling Way	2038	U
Northwest	5399	SWMS	Draft Root Beer	NO	NO	YES	3138 Quebec St #106	2087	U
Northwest	5405	SWMS	Diamond Onoins	NO	NO	YES	4924 Woodall St	2091	U
Southwest	5414	SWMS	Pecan Deluxe Candy Co	NO	NO	YES	2570 Lone Star Dr	2087	U
Northwest	5474	SWMS	Hans Chocolatier	NO	NO	YES	7818 Brook Hollow Rd	2066	U

Southeast	5510	SWMS	Paletas Frutitas	NO	NO	YES	539 W Jefferson Blvd	2000	U
Northwest	5632	SWMS	Cain Food Industries	NO	NO	YES	8401 Sovereign Row	2051	U
Southwest	6408	SWMS	Taylor Farms Texas, Inc.	NO	NO	YES	1001 N Cockrell Hills	2099	U
Northwest	6517	SWMS	Global Tobacco, L.L.C.	NO	NO	YES	2861 Congressman Ste 300	2111	U
Southeast	6955	SWMS	Alternative Feeds	NO	NO	YES	4727 Sapphire Street	2026	U
Southwest	7105	SWMS	Nestle Waters North Ameri	NO	NO	YES	4718 Mountain Creek Parkway	2086	U
Northwest	7245	SWMS	Azteca Mexican Candy IMP	NO	NO	YES	10024 Monroe	2064	U
Southeast	10436	SWMS	Scobee Foods, Inc.	NO	NO	YES	1812 Corinth	2099	U
Northwest	10456	SWMS	Southwest Distillery & Win	NO	NO	YES	9761 Clifford Dr Ste 100	2087	U
Southeast	10906	SWMS	Niagara Bottling, LLC	NO	NO	YES	4800 Langdon Rd	2086	U
Southeast	11466	SWMS	Valley Proteins, Inc.	NO	NO	YES	515 Pontiac Ave	2077	U
Northeast	11746	SWMS	Frankie V's Kitchen	NO	NO	YES	11035 Switzer Avenue	2035	U
Northwest	11808	SWMS	Luna's Tortillas Inc.	NO	NO	YES	2225 Connector	2099	U
Northwest	11919	SWMS	Guanamex Meats	NO	NO	YES	3435 Jane Ln	2032	U
Southeast	2517	InfoSource	Borden	YES	NO	YES	5327 S Lamar St	2024	U
Southeast	3233	BMS	Schepps Dairy Inc	YES	NO	YES	3114 S Haskell	2026	U
Southwest	3783	BMS	Tyson Prepared Foods	YES	NO	YES	4114 Mint Way	2013	U
Southwest	6795	SWMS	Reddy Ice Corporation	YES	NO	YES	4320 Duncanville Road	2097	U
Southeast	1185	BMS	Darling International Inc	NO	YES	YES	1240 Sargent Rd	2077	U
Southwest	3092	InfoSource	Recycle To Conserve Texas	NO	YES	YES	3610 Duncanville Rd	2048	U
Southwest	7407	SWMS	SVC Manufacturing	NO		YES	2822 Glenfield	2086	U
Southwest	7501	SWMS	SHERWOOD MEDICAL (Sur	NO		YES	3551 DAN MORTON DR	2013	U
Northeast	8766	SWMS	Rudolph's Meat Market	NO		YES	2924 Elm St	2013	U
Southwest	8776	SWMS	Winn Meat Company LP	NO		YES	2250 Lone Star Dr	2011	U
Northwest	9106	SWMS	Advanced Beverages	NO		YES	2403 Walnut Ridge	2086	U
Northwest	9286	SWMS	The Bakery Group	NO		YES	9106 Sovereign Row	2051	U
Northeast	9389	SWMS	Deep Ellum Brewing Co	NO		YES	2821 St Louis	2082	U
Northwest	9416	SWMS	Peticolas Brewing Company	NO		YES	2026 Farrington St	3544	U
Northwest	9496	SWMS	Community Beer Co	NO		YES	1530 Inspiration Dr #200	2082	U
Northwest	10032	SWMS	Paciugo Italian Gelato	NO		YES	1215 Viceroy Dr	2024	U
Southeast	11370	DUNS & Bradsheet		NO		YES	1601 S GOOD LATIMER	2045	U
Southwest	8786	SWMS	WhiteWave Foods	YES		YES	3333 Dan Morton Dr	2026	U
DISTRICT	SWMS_ID	SOURCE	COMPANY	SARA313	HIGH RISK	Sector U	PHYS ADDRESS	PRIMARY_SIC	CEQ_SECTOR
City Sites									
Northeast	7927	SWMS	Fair Oaks transfer Station	NO			7677 Fair Oaks Ave	4212	P
Southwest	7928	SWMS	OakCliff Transfer station	NO			4610 S. Westmoreland Rd.	4212	P
Northwest	5645	SWMS	Dallas Love Field Terminal	NO	NO		8008 Cedar Springs Road	4851	S
Southwest	5654	SWMS	City of Dallas/ Department	NO	NO		5303 Challenger	4581	
Southwest	5655	SWMS	DPD-Helicopter Section	NO	NO		5775 S. Hampton Rd.	4581	

Southwest	5574	SWMS	City of Dallas Hensley Field	NO	YES		8200 W Jefferson BLVD	5015	
Southeast	5593	SWMS	COD MCommas Bluff Land	NO	YES		5100 Youngblood RD	4953	
Northwest	5377	SWMS	Bachman Transfer Station	NO	NO		9500 Harry Hines	4212	P
Tenants at 2 Airports Operated by City									
Northwest	41	BMS	Southwest Airlines Co	NO	NO		2702 Love Field	4512	S
Northwest	430	BMS	Associated Air Center	NO	NO		8321 Lemmon Ave	3721	S
Northwest	5476	SWMS	Business Jet Center Ltd	NO	NO		8611 Lemmon Av	4581	S
Northwest	5644	SWMS	Signature Flight Support Co	NO	NO		8001 Lemmon Avenue	4581	S
Northwest	5649	SWMS	Jet Aviation Texas Love Fiel	NO	NO		7363 Cedar Springs Road	4581	S
Northwest	5651	SWMS	Trinity Industries	NO	NO		3351 Tom Braniff Ln	4522	S
Southwest	5656	SWMS	Jet Center of Dallas	NO	NO		5125 Voyager Dr. LB 24	4581	S
Southwest	5657	SWMS	Ambassador Aviation	NO	NO		5419 Saturn Drive	4581	S
Northwest	5668	SWMS	Bombardier Aerospace	NO	NO		7336 Aviation Place	3721	S
Northwest	6441	SWMS	AT&T Flight Operations, Ha	NO	NO		9215 Weiss	4581	S
Northwest	6442	SWMS	Exxon Mobil - Dallas Love F	NO	NO		3250 Love Field Dr	4581	S
Northwest	6444	SWMS	Hill Air Hangar B	NO	NO		9415 Weis St	4581	S
Northwest	6755	SWMS	Raytheon Company (Love F	NO	NO		8121 Lemmon Ave.	4581	S
Northwest	7285	SWMS	Business Jet Access	NO	NO		8350 Denton Drive	4581	S
Southwest	9626	SWMS	Aeroparts & Supply, Inc.	NO			5431 Saturn Dr	4581	S
Northwest	9668	SWMS	Four Points Aero Services	NO			8601 Lemmon Ave	7581	S
Northwest	5583	SWMS	Holly Corporation	NO	NO		7344 Aviation PL	4522	
Northwest	6418	SWMS	Gulfstream Aerospace	NO	NO		8405 Lemmon Ave	4581	
Northwest	6805	SWMS	Textar Aviation, LLC	NO	NO		3232 Love Field Drive		
District	SWMS FACILITY ID	DATA SOURCE	COMPANY NAME ALIAS	SARA313	HIGH RISK	Sector U	PHYSICAL ADDRESS	PRIMARY SIC	TCEQ SECTOR
Low Risk Sites									
Northwest	41	BMS	Southwest Airlines Co	NO	NO		2702 Love Field	4512	S
Northwest	430	BMS	Associated Air Center	NO	NO		8321 Lemmon Ave	3721	S
Northwest	5476	SWMS	Business Jet Center Ltd	NO	NO		8611 Lemmon Av	4581	S
Northwest	5644	SWMS	Signature Flight Support Co	NO	NO		8001 Lemmon Avenue	4581	S
Northwest	5649	SWMS	Jet Aviation Texas Love Fiel	NO	NO		7363 Cedar Springs Road	4581	S
Northwest	5651	SWMS	Trinity Industries	NO	NO		3351 Tom Braniff Ln	4522	S
Southwest	5656	SWMS	Jet Center of Dallas	NO	NO		5125 Voyager Dr. LB 24	4581	S
Southwest	5657	SWMS	Ambassador Aviation	NO	NO		5419 Saturn Drive	4581	S
Northwest	5668	SWMS	Bombardier Aerospace	NO	NO		7336 Aviation Place	3721	S
Northwest	6441	SWMS	AT&T Flight Operations, Ha	NO	NO		9215 Weiss	4581	S
Northwest	6442	SWMS	Exxon Mobil - Dallas Love F	NO	NO		3250 Love Field Dr	4581	S
Northwest	6444	SWMS	Hill Air Hangar B	NO	NO		9415 Weis St	4581	S
Northwest	6755	SWMS	Raytheon Company (Love F	NO	NO		8121 Lemmon Ave.	4581	S

Northwest	7285	SWMS	Business Jet Access	NO	NO		8350 Denton Drive	4581	S
Northwest	5583	SWMS	Holly Corporation	NO	NO		7344 Aviation PL	4522	
Northwest	6418	SWMS	Gulfstream Aerospace	NO	NO		8405 Lemmon Ave	4581	
Northwest	6805	SWMS	Textar Aviation, LLC	NO	NO		3232 Love Field Drive		
Northwest	5645	SWMS	Dallas Love Field Terminal	NO	NO		8008 Cedar Springs Road	4851	S
Southwest	5654	SWMS	City of Dallas/ Department	NO	NO		5303 Challenger	4581	
Southwest	5655	SWMS	DPD-Helicopter Section	NO	NO		5775 S. Hampton Rd.	4581	
Northwest	5377	SWMS	Bachman Transfer Station	NO	NO		9500 Harry Hines	4212	P
Southeast	507	BMS	B J Pallet Co	NO	NO		8528 C F Hawn Fwy	2448	A
Southeast	569	BMS	Bell Wooden Products Inc	NO	NO		4341 Cedar Lake Dr	2441	A
Southeast	1007	BMS	Creations Woodworking Inc	NO	NO		12750 Perimeter # 120	2499	A
Northeast	1588	BMS	French Brown Wood Floors	NO	NO		11649 Chairman Dr # 18	2426	A
Northwest	1638	InfoSource	SIGNATURE MILLWORK	NO	NO		11455 Newkirk St # 1411	2431	A
Northwest	2385	BMS	Marios Express Pallet	NO	NO		4731 Iberia	2448	A
Southwest	2423	BMS	Mayco Inc	NO	NO		2811 Mican	2499	A
Southwest	2487	InfoSource	Metropolex Wood Specialty	NO	NO		1357 N Walton Walker Blvd	2499	A
Northwest	3108	InfoSource	RSI Crating & Packing	NO	NO		2230 Lyndon B Johnson Fwy 4	2441	A
Northwest	3288	BMS	Shutter Solutions Inc	NO	NO		11211 Gemini Ln	2431	A
Northeast	3494	InfoSource	Sunburst Shutters Texas Inc	NO	NO		10990 Petal St Ste 100	2431	A
Southeast	5270	SWMS	Mr. Clean Pallets	NO	NO		2619 S Belt Line Rd	2448	A
Northwest	5397	SWMS	Hardwood Lumber Co.	NO	NO		10551 Goodnight Ln, Suite B	2421	A
Southwest	5621	SWMS	Graphic Pallet	NO	NO		3123 Ruder	2448	A
Northeast	5745	SWMS	Louis Wiggins	NO	NO		11649 Chairman Dr Ste 2	2431	A
Northeast	6905	SWMS	Texas Door & Trim, Inc.	NO	NO		11220 Petal Street	2431	A
NO	10496	SWMS	DFW A-1 Pallet Inc.	NO	NO		2021 Manana Dr	2499	A
NO	10896	SWMS	Shutter Solutions Inc	NO	NO		11211 Gemini Ln	2431	A
Northeast	11506	SWMS	MPI Wood	NO	NO		2651 Santa Anna	2499	A
Northwest	11936	SWMS	Ridout Framing Inc	NO	NO		1153 Quaker St	2499	A
Northwest	11937	SWMS	Beaux Arts	NO	NO		1505 Hi Line	2499	A
Northwest	11938	SWMS	Wildman Art Framing	NO	NO		1715 Market Center Blvd	2499	A
Southeast	12066	SWMS	Alvarez Pallets	NO	NO		121 La Paz St.	2448	A
Southwest	68	InfoSource	A & A Sheet Metal Co Inc	NO	NO		2334 Hardwick St	3444	AA
Northwest	100	BMS	A C T Precision Sheet Metal	NO	NO		4829 Top Line	3444	AA
Northwest	434	BMS	Associated Ornamental Inc	NO	NO		2333 Joe Field Rd	3446	AA
Southwest	445	BMS	Atlas Metal Works Inc	NO	NO		818 Singleton Blvd	3443	AA
Northeast	475	BMS	Automotive Gold Warehouse	NO	NO		13720 Floyd Cir	3471	AA
Northwest	530	BMS	Baker Metal Products Inc	NO	NO		11140 Zodiac	3444	AA
Southwest	534	BMS	Baldwin Metals Co Inc	NO	NO		1901 W Commerce	3444	AA
Northwest	744	BMS	Canada Plating & Anodizing	NO	NO		2717 Egan	3471	AA

Southwest	793	InfoSource	Chancellor Jewelers Inc	NO	NO		7441 Marvin D Love Fwy 10	3911	AA
Southwest	841	BMS	Metals Craftsman	NO	NO		2412 Hardwick	3446	AA
Southwest	862	BMS	Classic Stainless Inc	NO	NO		4330 Bronze Way	3499	AA
Northwest	1020	BMS	Crosslink Powder Coatings	NO	NO		11122 Morrison	3399	AA
Northwest	1054	BMS	Custom Powder Coating	NO	NO		8804 Sovereign Row	3479	AA
Southeast	1144	BMS	Dallas Metal Fabricators Inc	NO	NO		2817 Logan	3446	AA
Northwest	1160	BMS	Dallas Silversmiths Inc	NO	NO		11126 Shady Trl # 113	3471	AA
Southwest	1205	BMS	DLT Manufacturing Inc.	NO	NO		4081 Shilling Way	3444	AA
Northwest	1284	InfoSource	Don Young Co Inc	NO	NO		8181 Ambassador Row	3442	AA
Northeast	1363	InfoSource	E W S	NO	NO		3117 Commerce St	3443	AA
Northwest	1419	InfoSource	Environmentally Engineere	NO	NO		4858 Cash Rd	3444	AA
Northwest	1455	BMS	Expert Tool & Machine Wo	NO	NO		2433 Arbuckle	3499	AA
Southwest	1527	BMS	First Quality Fabricating Co	NO	NO		1529 N Edgefield Ave	3444	AA
Southeast	1559	BMS	Focus Powder Coating	NO	NO		2805 Logan	3479	AA
Northeast	1611	BMS	G & G Machine Shop	NO	NO		3909 Main St	3499	AA
Northwest	1874	BMS	Holsapple & Son Inc,C L	NO	NO		2510 Electronic Ln # 906	3479	AA
Northwest	1885	BMS	Horn & Co,A C	NO	NO		1269 Majesty Dr	3444	AA
Northwest	1902	BMS	Hunt Hinges Inc	NO	NO		111 Glass	3429	AA
Northwest	1931	BMS	Impact Stamping Inc	NO	NO		2520 Glenda Ln	2675	AA
Northwest	2002	BMS	Itt Flowtronex	NO	NO		10661 Newkirk	3561	AA
Northeast	2116	InfoSource	Karlan International Inc	NO	NO		10300 N Central Expy # 426	3911	AA
Southwest	2156	BMS	Koch Glitsch Inc	NO	NO		4900 Singleton Blvd	3469	AA
Northeast	2157	BMS	Kofahl Sheet Metal Works I	NO	NO		3921 Elm St	3444	AA
Northeast	2168	BMS	Kress Technologies	NO	NO		10910 Alder Cir	3499	AA
Northwest	2566	BMS	Morrell Plating Co Inc	NO	NO		2712 Anson Rd	3471	AA
Northwest	2661	InfoSource	Noles Davis Plating Co	NO	NO		2711 Manor Way	3471	AA
Southwest	2812	InfoSource	Peco Metals Inc	NO	NO		1220 W Commerce St	3444	AA
Northeast	2869	InfoSource	Sewell Shutters Inc.	NO	NO		11649 Chairman Dr Ste 1	3442	AA
Southwest	2918	BMS	Prentex Alloy Fabricators In	NO	NO		3108 Sylvan	3443	AA
Northwest	3113	BMS	Republic Sheet Metal & Mf	NO	NO		5131 Cash	3444	AA
Northwest	3114	BMS	Research Products	NO	NO		2639 Andjon	3431	AA
Northwest	3115	BMS	Resource Building Material	NO	NO		4848 Cash	3442	AA
Southeast	3124	InfoSource	Richardson's Fabrication	NO	NO		2084 N Jim Miller Rd 106	3444	AA
Southwest	3198	BMS	S E I Metal Forms	NO	NO		1601 Terre Colony	3499	AA
Southwest	3206	BMS	S S Welding	NO	NO		2313 Beatrice	3444	AA
Southwest	3289	BMS	Sibbitt & Lott Inc	NO	NO		1813 W Commerce	3446	AA
Northwest	3341	InfoSource	Solara Ironworks LLC	NO	NO		142 Howell St	3442	AA
Northeast	3364	BMS	Southwest Diamond Cutter	NO	NO		6757 Arapaho Rd # 767	3915	AA
Southeast	3431	BMS	Steel Boss International Inc	NO	NO		1815 Coombs	3441	AA

Northwest	3482	BMS	Suhm Spring Works	NO	NO		4839 Cash	3495	AA
Northwest	3499	BMS	Suntec Industries	NO	NO		3220 Quebec	3446	AA
Northeast	3690	InfoSource	Time Delay Corp	NO	NO		10440 N Cntl Expy Ste 210	3911	AA
Northwest	3703	InfoSource	Tmg Artisans Inc	NO	NO		1624 Irving Blvd	3499	AA
Southwest	3715	BMS	Total Metal Products	NO	NO		4071 Shilling Way	3444	AA
Northwest	3744	InfoSource	Trinity Industries Inc	NO	NO		4001 Irving Blvd	3441	AA
Southwest	3822	InfoSource	Union Sling Co	NO	NO		3021 Pluto St	3496	AA
Northwest	3896	InfoSource	USA Shade & Fabric Structu	NO	NO		8505 Chancellor Row	3444	AA
Northwest	3931	BMS	Vines Co Inc,G W	NO	NO		310 Rock Island St	3444	AA
Southeast	4011	BMS	Windham Manufacturing C	NO	NO		8520 Forney Rd	3444	AA
Northwest	5165	InfoSource	American Strand Co Inc	NO	NO		2671 Brenner Dr	3496	AA
Northwest	5550	SWMS	Aircraft Tooling Inc	NO	NO		11250 Luna Rd	4581	AA
Northwest	5624	SWMS	Argenbright National Sheet	NO	NO		9121 King Arthur Dr	3444	AA
Northwest	5695	SWMS	Alphin Jeweler Inc	NO	NO		5925 Forest Ln	3911	AA
Southwest	5720	SWMS	Western Grinding	NO	NO		9000 S. Hampton	3471	AA
Southwest	5722	SWMS	United Metal Fabricators	NO	NO		4900 Singleton Blvd	3444	AA
Northwest	5750	SWMS	M 4	NO	NO		2227 Joe Field Road	3499	AA
Northwest	6583	SWMS	WhiteSmith	NO	NO		2648 Freewood Dr	3441	AA
Southeast	7205	SWMS	Soriano Special Coatings, In	NO	NO		2434 South Harwood Street	3471	AA
Northwest	11386	SWMS	AC Metals LLC	NO	NO		256 Regal Row	3499	AA
NO	11446	SWMS	DFW Grating	NO	NO		3835 Singleton Blvd	3446	AA
Northwest	12006	SWMS	Jamieson Manufacturing Co	NO	NO		4111 Platinum Way	3499	AA
Southwest	12067	SWMS	BHC Industries of Texas Inc	NO	NO		4920 Gold Rd.	3471	AA
Northwest	89	BMS	A A A Products International	NO	NO		7114 Harry Hines Blvd	3594	AB
Northwest	179	BMS	Advanced Waterjet Cutting	NO	NO		2825 Reward Ln	3599	AB
Southwest	218	BMS	Air Vent Inc	NO	NO		4117 Pinnacle Point Dr # 400	3564	AB
Northwest	219	BMS	Aircondex Inc	NO	NO		5111 Mercantile Row	3585	AB
Northeast	228	BMS	Airflow Systems Inc	NO	NO		11221 Pagemill	3564	AB
Southwest	377	InfoSource	API Precision Machining Inc	NO	NO		702 W Commerce St	3661	AB
Northwest	405	BMS	Arnim Tool	NO	NO		2204 Joe Field Rd	3559	AB
Southeast	618	BMS	Blaines Motor Supply Inc	NO	NO		4700 Scyene Rd	3599	AB
Southeast	728	InfoSource	Cadillac Sheet Metal	NO	NO		2633 Hickory St	3713	AB
Northwest	758	InfoSource	Carroll Machine Co Inc	NO	NO		2514 Burbank St	3599	AB
Southeast	854	InfoSource	Clarcor Air Filtration Prdts	NO	NO		12097 Corporate Dr	3564	AB
Southwest	894	BMS	Coker & Associates,R M	NO	NO		2100 Hearne	3452	AB
Northwest	916	BMS	Commercial Head & Block S	NO	NO		2528 Irving Blvd	3599	AB
Southeast	930	InfoSource	Compressors Unlimited Int	NO	NO		2531 S Belt Line Rd	3585	AB
Southeast	974	BMS	Corley Gasket Co	NO	NO		6555 Hunnicut Rd	3599	AB
Southwest	1048	BMS	Custom Enterprises	NO	NO		215 Comstock St	3599	AB

Northwest	1137	InfoSource	Dallas Hermetic Co Inc	NO	NO		8305 Sovereign Row	3563	AB
Southeast	1180	BMS	Danhard Inc	NO	NO		3839 Dildo	3585	AB
Northwest	1294	BMS	Double E Inc	NO	NO		1261 Profit	3533	AB
Northwest	1464	BMS	F & R Machine & Repair Inc	NO	NO		7217 Harry Hines Blvd	3599	AB
Southeast	1526	BMS	First Operations	NO	NO		8273 Moberly	3585	AB
Southwest	1554	InfoSource	Peacock Co	NO	NO		4435 Mint Way	2841	AB
Southwest	1601	BMS	Fujikoki America	NO	NO		4040 Bronze Way	3714	AB
Northeast	1616	BMS	G L Automation Inc	NO	NO		10710 Sandhill Rd	3559	AB
Northwest	1686	BMS	Global Water Group Inc	NO	NO		8601 Sovereign Row	3999	AB
Northwest	1755	InfoSource	Gulfstream Aerospace Corp	NO	NO		7440 Aviation Pl	3721	AB
Southeast	1811	BMS	Hawn Freeway Trailers	NO	NO		7841 C F Hawn Fwy	3715	AB
Southwest	1978	InfoSource	International Truck & Engine	NO	NO		4038 Rock Quar Rd Ste 400	3711	AB
Northwest	2025	BMS	J R Precision Tooling	NO	NO		11227 Goodnight Ln # 928	3599	AB
Southeast	2092	InfoSource	Jose's Machine Shop	NO	NO		3320 Dildo Rd	3714	AB
Southwest	2120	InfoSource	Keddie Enterprises Inc	NO	NO		4304 Shilling Way	3599	AB
Northwest	2268	BMS	Lites Co,D C	NO	NO		10740 Goodnight Ln	3599	AB
Southwest	2345	BMS	Maddox Metal Works Inc	NO	NO		4116 Bronze Way	3556	AB
Northwest	2364	BMS	Manda Machine Co Inc	NO	NO		2683 Myrtle Springs Ave	3599	AB
Northwest	2375	BMS	Mar Lan Industries Inc	NO	NO		2631 Myrtle Springs Ave	3714	AB
Southeast	2440	InfoSource	Mc Dougal Field Services	NO	NO		1912 Garden Springs Dr	3599	AB
Southwest	2472	BMS	Metal Detail Inc	NO	NO		4120 Shilling Way	3599	AB
Northwest	2490	BMS	Mextex Manufacturing Co I	NO	NO		4830 Transport	3585	AB
Southeast	2497	BMS	Micro Space Instruments In	NO	NO		4751 Wilburton	3599	AB
Northwest	2500	BMS	Micron Machine Tool Inc	NO	NO		4824 Vicksburg	3599	AB
Northwest	2613	InfoSource	National Diamond Lab of Te	NO	NO		1435 Round Table Dr	3545	AB
Southeast	2665	BMS	Norfleet Machine	NO	NO		8323 Hoyle	3599	AB
Southwest	2692	BMS	O E M Industries Inc	NO	NO		1015 N Justin	3599	AB
Northwest	2886	BMS	Pollution Control Products	NO	NO		2677 Freewood	3567	AB
Southeast	2959	BMS	Production Machining Co	NO	NO		1722 S Harwood	3599	AB
Southwest	2993	BMS	Puckett Corp,The	NO	NO		1112 Hartsdale	3599	AB
Northeast	3023	BMS	Quik N Crispy Inc	NO	NO		12021 Plano Rd # 160	3589	AB
Southwest	3029	BMS	R & D Machine Shop	NO	NO		3443 Morse Dr	3599	AB
Northwest	3117	BMS	Retco Tool Co Inc	NO	NO		9030 Viscount Row	3541	AB
Southwest	3199	BMS	S E W Eurodrive Inc	NO	NO		3950 Platinum Way	3535	AB
Northwest	3260	BMS	Service Electric Supply Inc	NO	NO		10929 Grissom	3714	AB
Southwest	3330	BMS	Smith Co,R W	NO	NO		1318 W Commerce	3599	AB
Southwest	3335	BMS	Smith Race Craft	NO	NO		4102 W Ledbetter Dr	3711	AB
Southwest	3350	BMS	Souther Equipment Sales In	NO	NO		5409 W Ledbetter Dr	3531	AB
Northeast	3420	BMS	Stantco Inc	NO	NO		10912 Sanden	3559	AB

Northwest	3512	BMS	Superior Quality Products I	NO	NO		2525 Southwell Rd # 3	3599	AB
Northwest	3586	InfoSource	Seal Tex	NO	NO		8435 Directors Row	3585	AB
Southwest	3658	BMS	Texas Tool & Die	NO	NO		2925 Mican	3599	AB
Southwest	3689	BMS	Tigerflow Systems Inc	NO	NO		4034 Mint Way	3999	AB
Northwest	3734	BMS	Tresu Royse Inc	NO	NO		8517 Directors Row	3585	AB
Southwest	3986	BMS	Wheels America	NO	NO		4480 Mint Way	3714	AB
Southwest	4009	BMS	Wimco Inc	NO	NO		5616 Duncanville Rd	3599	AB
Northwest	4019	BMS	Wirecut E D M Inc	NO	NO		11261 Indian Trl	3599	AB
Southeast	5209	InfoSource	Wrisco Industries Inc	NO	NO		12102 Corporate Dr	3444	AB
Northwest	5387	SWMS	Jet Mac McDermott Accocia	NO	NO		11424 Denton Dr	3728	AB
Northwest	5417	SWMS	Robert N Wohlfeld Co	NO	NO		2674 Lombardy Ln	3599	AB
Northwest	5429	SWMS	Motor Contol, Inc	NO	NO		2818 Virgo Ln	3535	AB
Northwest	5610	SWMS	Phoenix Exchange Truck Pa	NO	NO		2412 Irving Blvd	3711	AB
Northeast	5700	SWMS	ArrowFab Manufacturing	NO	NO		11616 Chairman	3599	AB
Northwest	5724	SWMS	Standard Forged Products,	NO	NO		4001 Irving Blvd #54	3743	AB
Northwest	6369	SWMS	La Hacienda Mexican Food	NO	NO		2604 Freewood	2099	AB
Southwest	6946	SWMS	Machine Works	NO	NO		920 West Commerce	3599	AB
Southwest	7197	SWMS	Vacuumpods Com Inc	NO	NO		2321 Beatrice	3599	AB
Northwest	7762	SWMS	Mach Industries	NO	NO		10560 Newkirk # 400	3452	AB
Southwest	10917	SWMS	API Precision Machining	NO	NO		702 W Commerce St	3599	AB
Northwest	11647	SWMS	Alpha Steel Rule Dies	NO	NO		8804 Chancellor Row	3544	AB
Southeast	11648	SWMS	Weir SPM-Dallas	NO	NO		8388 C F Hawn Fwy.	3561	AB
Southwest	11687	SWMS	Wheels America	NO	NO		3939 Platinum Way	3714	AB
Northwest	12047	SWMS	P R I Super Blue Technology	NO	NO		10760 Shady Trail #300	3555	AB
Northeast	101	BMS	A D I Electronics	NO	NO		3920 Bryan St	3678	AC
Southeast	417	InfoSource	B & L Sheet Metal	NO	NO		1853 S Haskell Ave	3631	AC
Northeast	724	InfoSource	Cableworks	NO	NO		17811 Davenport Rd Ste 53	3679	AC
Northwest	748	InfoSource	Capital Electric Motor Servi	NO	NO		9109 Sovereign Row	3621	AC
Northwest	934	BMS	Computer Service Technolo	NO	NO		2336 Lufield Dr	3825	AC
Southeast	954	BMS	Continental Electronics Cor	NO	NO		4212 S Buckner Blvd	3679	AC
Southwest	956	InfoSource	Continental NH3 Products C	NO	NO		130 Yorktown St	3824	AC
Northeast	1465	BMS	F A S Technologies	NO	NO		10480 Markison	3699	AC
Northwest	1551	BMS	Flow Design Inc	NO	NO		8908 Governors Row	3625	AC
Southwest	1569	InfoSource	Foundations Too Direct	NO	NO		2101 Sylvan Ave	3842	AC
Northeast	1791	InfoSource	Hanger Prosthetics & Ortho	NO	NO		7777 Fisher Rd Bldg C	3842	AC
Northeast	1846	InfoSource	Hikari Corp	NO	NO		11512 Pagemill Rd	3661	AC
Northwest	1865	BMS	Hoffman Controls Corp	NO	NO		2463 Merrell Rd	3822	AC
Northeast	1946	BMS	Infratech Inc	NO	NO		10440 Miller Rd	3679	AC
Northeast	1962	BMS	Integrated Test Corp	NO	NO		10365 Sanden	3672	AC

Northeast	2389	BMS	Marlin Controls Inc	NO	NO		11011 Regency Crest Dr # 200	3643	AC
Northeast	2391	BMS	Marlow Industries Inc	NO	NO		10451 Vista Park Rd	3674	AC
Southeast	2456	BMS	Melissa Lighting Inc	NO	NO		4859 Olson	3699	AC
Northwest	2496	BMS	Micro Design Inc	NO	NO		10210 Monroe	3829	AC
Northwest	2638	BMS	New Options Sports Inc	NO	NO		2545 Merrell Rd	3842	AC
Northeast	2879	BMS	Plexon Inc	NO	NO		6500 Greenville Ave # 730	3841	AC
Northwest	3148	BMS	Rochester Gauges Inc	NO	NO		11616 Harry Hines Blvd	3822	AC
Northeast	3193	BMS	Russler Associates Inc	NO	NO		10725 Presidential Dr	3679	AC
Northwest	3567	BMS	Techlight Manufacturing	NO	NO		2707 Satsuma	3646	AC
Northeast	3878	BMS	Unitron Lp	NO	NO		10925 Miller Rd	3679	AC
Northwest	3914	InfoSource	Vdk Inc	NO	NO		8501 Sovereign Row	3999	AC
Northwest	4049	InfoSource	Yang's Double Happiness In	NO	NO		1631 Dragon St	5399	AC
Southeast	7075	SWMS	C V O Inc	NO	NO		2341 Charles Street	3827	AC
Northeast	10406	SWMS	Vectornav	NO	NO		10501 Markison	3663	AC
NO	10506	SWMS	Red Bird Industrial Park	NO	NO		4230 Shilling Way		AC
Northeast	11416	SWMS	Applied Optics Center	NO	NO		9827 CHARTWELL	3812	AC
NO	11577	SWMS	Web Tech, LLC	NO	NO		11464 Pagemill Rd	3679	AC
Southwest	6489	SWMS	North Texas Food Bank	NO	NO		4500 S Cockrell Hill Rd	5141	AD
Northwest	680	BMS	Budget Box Co	NO	NO		3304 Halifax	2657	B
Southwest	703	BMS	C & H Label Co Inc	NO	NO		6928 S R L Thornton Fwy	2672	B
Northeast	1080	BMS	D A C Label Inc	NO	NO		10491 Brockwood Rd	2671	B
Southeast	1119	BMS	Dallas Container Corp	NO	NO		8330 Endicott	2653	B
Southeast	1650	BMS	General Packaging Corp	NO	NO		4522 S Fitzhugh	2448	B
Northwest	2307	BMS	Love Envelopes Inc	NO	NO		1130 Quaker	2677	B
Northwest	2352	InfoSource	Magnetic Ticket & Label Co	NO	NO		8719 Diplomacy Row	2679	B
Northwest	2494	InfoSource	M D Entrprises Display Syst	NO	NO		9017 Diplomacy Row	2542	B
Northwest	2783	BMS	Paper Tubes & Sales Inc	NO	NO		1550 Hinton	2665	B
Southwest	2896	BMS	Pratt Industries USA	NO	NO		3700 Eagle Place Dr # 800	2653	B
Northeast	2911	BMS	Premier Converting Inc	NO	NO		10605 Boomer Cir # 101	2677	B
Southwest	3152	BMS	Rock Tenn Corp	NO	NO		4105 Bronze Way	2679	B
Northwest	3159	BMS	Rodriguez International Co	NO	NO		4549 Leston	2679	B
Southwest	3342	BMS	Solo Cup Co	NO	NO		4444 W Ledbetter Dr	2656	B
Southwest	3370	InfoSource	Southwest Index Tab Co Inc	NO	NO		223 W Daniieldale Rd	2675	B
Northwest	3615	BMS	Texas Envelope Co Inc	NO	NO		10655 Shady Trl	2677	B
Northeast	6504	SWMS	Multi Packaging Solutions	NO	NO		13465 Jupiter	2657	B
Northwest	10396	SWMS	Maxwell Paper Products Co	NO	NO		615 Regal Row	2679	B
NO	11677	SWMS	Associated Graphics & Labe	NO	NO		2009 Farrington	2672	B
NO	12017	SWMS	Taylor Communications Inc	NO	NO		3403 Dan Morton Dr	2671	B
NO	12068	SWMS	Motion Envelope	NO	NO		1628 Terre Colony	2677	B

Northwest	6935	SWMS	Metro Finishing	NO	NO		9023 Diplomacy Row	2675	BH
Northeast	279	BMS	Aloe Vera Of America Inc	NO	NO		13745 Jupiter Rd	2844	C
Southwest	753	InfoSource	Cardinal Industrial Finishes	NO	NO		4606 Brass Way	2851	C
Southeast	907	BMS	Colorfast Industries	NO	NO		8243 Forney Rd	2841	C
Northwest	1001	InfoSource	Crain Chemical Co Inc	NO	NO		2624 Andjon Dr	2842	C
Southeast	1417	InfoSource	Environmental Inks & Coati	NO	NO		11910 Shiloh Rd Ste 118	2893	C
Northwest	1549	BMS	Flint Group North America	NO	NO		9259 King Arthur	2893	C
Northwest	1609	BMS	Future Foam Inc	NO	NO		8611 Ambassador Row # A	3086	C
Northwest	1703	BMS	Goodier Cosmetics Inc	NO	NO		9019 Premier Row	2844	C
Southeast	1744	BMS	Groco Specialty Coatings Co	NO	NO		10818 C F Hawn Fwy	2851	C
Southwest	1888	BMS	Hostmann Steinberg Printn	NO	NO		2564 W Commerce	2893	C
Northwest	1968	InfoSource	Interflux USA Inc	NO	NO		2914 Ladybird Ln	2899	C
Northeast	2188	InfoSource	L R P Industries Inc	NO	NO		11531 Chairman Dr Ste 100	2841	C
Northwest	2230	BMS	Leather Coatings Inc	NO	NO		8425 Directors Row	2865	C
Northeast	2633	InfoSource	Nevitt Fragrances Inc	NO	NO		10466 Brockwood Rd	2844	C
Northwest	3173	BMS	Royal Custom Products Inc	NO	NO		4844 Almond	2841	C
Northwest	3236	BMS	Scotch Plaid Inc	NO	NO		2969 Reward Ln	2841	C
Southeast	3488	InfoSource	US Ink Inc	NO	NO		12010 Corporate Dr	2893	C
Southwest	3667	BMS	Therm Processes Inc	NO	NO		1609 E 8th	2842	C
Northwest	3685	InfoSource	Thorobred Industrial Chem	NO	NO		2923 Anode Ln	2841	C
Northwest	3963	BMS	Water Ink Technology	NO	NO		3031 Quebec # 110	2893	C
Northwest	4068	BMS	Zeller & Gmelin	NO	NO		151 Regal Row # 131	2893	C
Northwest	5442	SWMS	Amersham Health Corp./GE	NO	NO		7920 Elmbrook Dr 116	2835	C
Northwest	5633	SWMS	SIMCO, Inc.	NO	NO		1195 Empire Central Dr.	2841	C
Northwest	6825	SWMS	Aquablend, Inc.	NO	NO		1255 Viceroy Drive	2842	C
Northwest	6890	SWMS	Bollen International, Inc.	NO	NO		9218 Viscount Row	2851	C
Northwest	6937	SWMS	Top Level Printing Ink, Inc	NO	NO		1343 Round Table Drive	2893	C
Southeast	7265	SWMS	Dhaliwal Labs	NO	NO		11910 Shiloh Road, Suite 142	2844	C
NO	10476	SWMS	Bostik, Inc.	NO	NO		5111 Catron Dr	2891	C
Northwest	10976	SWMS	Petnet Solutions	NO	NO		1350 Manufacturing Dr, Ste 10	2835	C
NO	11666	SWMS	Versum Materials	NO	NO		8201 S. Central Expy	2813	C
Northwest	2925	InfoSource	Primrose Oil Co	NO	NO		11444 Denton Dr	2992	D
NO	11806	SWMS	Austin Bridge and Road Mil	NO	NO		7580 S. Central Expressway	2951	D
Northwest	596	InfoSource	Big City Crushed Concrete L	NO	NO		11131 Goodnight Ln	3295	E
Southeast	640	BMS	Bowman Hot Glass	NO	NO		1419 Griffin St E # C	3229	E
Southeast	765	BMS	Casci Ornamental Plaster In	NO	NO		2615 S Good Latimer	3299	E
Southeast	1030	InfoSource	Stone Legends	NO	NO		301 Pleasant Dr	3272	E
Northwest	1428	BMS	Escobar Marble & Granite	NO	NO		2339 Farrington	3281	E
Southeast	2318	InfoSource	Truman Samford Co	NO	NO		8900 Forney Rd	3272	E

Northwest	2349	BMS	Mag Stone & Marble	NO	NO		4715 Gretna # 100	3281	E
Northwest	2471	BMS	Metal Craft Products Co	NO	NO		11071 Denton Dr	3231	E
Southwest	2619	InfoSource	National Stone Inc	NO	NO		3102 Sylvan Ave	3281	E
Southeast	2871	InfoSource	Plaster Ornamental Accents	NO	NO		3806 Kolloch Dr	3299	E
Northwest	3221	BMS	Sandmart Manufacturing	NO	NO		2650 Lombardy Ln # K	3281	E
Northwest	3452	BMS	Stonexpressions LLC	NO	NO		2647 Andjon	3281	E
Southeast	5421	SWMS	Omni Marble, Inc	NO	NO		2407 Grand Ave	3281	E
Northwest	5505	SWMS	Sigma Marble and Granite,	NO	NO		8222 Chancellor Row	3281	E
Southeast	5670	SWMS	Big City Crushed Concrete,	NO	NO		1005 Forest Avenue	3295	E
Northwest	5692	SWMS	Almaraz Granite & Marble	NO	NO		10240 Bickham #500	3281	E
Northwest	5698	SWMS	DFW Granite	NO	NO		10230 Bickham #300	3281	E
Northwest	5721	SWMS	Archiped Classics	NO	NO		154 Glass Ste 100	3269	E
Southwest	5768	SWMS	Affordable Granite & Marble	NO	NO		226 Yorktown	3281	E
Northwest	6368	SWMS	Regios Flooring	NO	NO		2665 Freewood	3281	E
Southwest	6492	SWMS	Pinnacle Marble & Granite,	NO	NO		2920 N Sylvan Ave	3281	E
Northwest	6705	SWMS	Custom Stone Granite and	NO	NO		2405 Fabens	3281	e
Northwest	6867	SWMS	The World of Granite	NO	NO		11455 Newkirk Street, Suite 1	3281	E
Northwest	6906	SWMS	Euro Granite Design	NO	NO		3422 Doug Drive	3281	E
Northwest	7115	SWMS	Gage's Granite	NO	NO		2427 Glenda Lane; # F	3281	E
Southwest	7196	SWMS	Mondragon Granite	NO	NO		6347 Toronto	3281	E
Northwest	7236	SWMS	Galaxy Granite & Stone	NO	NO		9011 John Carpenter Freeway	3281	E
Northeast	10437	SWMS	Burnco Texas LLC	NO	NO		10940 Spangler	3273	E
Northwest	10516	SWMS	Pleitez Marble & Granite	NO	NO		10240 Bickham Rd #600	3281	E
Northwest	10517	SWMS	Vanguard Granite	NO	NO		10240 Bickham #300	3281	E
Southwest	10526	SWMS	Custom Crete Crystal Lake	NO	NO		5526 Crystal Lake Blvd	3273	E
Southeast	10873	SWMS	C-N-T Redi Mix	NO	NO		4500 Great Trinity Forest Pkw	3273	E
NO	11586	SWMS	Pure Granite, LLC	NO	NO		11455 Newkirk St., Ste 1422	3281	E
Southwest	11606	SWMS	Distribution International	NO	NO		3951 La Reunion Pkwy	3296	E
Southwest	11646	SWMS	Texas Elite Precast and Wel	NO	NO		2343 Cartwright	3272	E
NO	11776	SWMS	JR Granite & Marble	NO	NO		2741 Satsuma Dr., #104	3281	E
Northwest	11866	SWMS	Redi Mix-Lovefield	NO	NO		8040 Denton Dr	3273	E
Northwest	11977	SWMS	C & C Granite	NO	NO		2429 Walnut Ridge St.	3281	E
Northwest	11988	SWMS	Kristallos PS LLC.	NO	NO		2431 Walnut Ridge St.	3281	E
NO	12016	SWMS	BC Stonemill	NO	NO		4580 Brass Way	3281	E
Northwest	12036	SWMS	Arte de Arquitectura de Me	NO	NO		3418 Doug Dr.	3281	E
Southwest	12037	SWMS	Euro Granite Design	NO	NO		2330 Qunicy St.	3281	E
Northwest	12038	SWMS	Pineda Granite & Marble	NO	NO		10240 Bickham Road, #400	3281	E
Northeast	199	BMS	Agave Wire Ltd	NO	NO		10355 Sanden	3357	F
Northwest	2303	BMS	Longhorn Tube	NO	NO		1891 Ryan Rd	3317	F

Northwest	2671	BMS	NTR METALS LLC	NO	NO		10720 Composite Dr	3339	F
Southwest	3002	BMS	Q Tech Heat Treat Inc	NO	NO		2727 Ruder	3398	F
Northwest	3466	InfoSource	Storm Products Co	NO	NO		9215 Premier Row	3357	F
Northwest	5444	SWMS	CRS - Complete Restaurant	NO	NO		2668 Myrtle Springs	3444	F
Northwest	2267	InfoSource	Liquid Environmental Solut	NO	NO		11301 Newkirk St	4212	K
Northwest	5758	SWMS	Liquid Environmental Solut	NO	NO		11115 Goodnight Ln.	4953	K
Southeast	11876	BMS	TAS Environmental Services	NO	NO		8508 C.F. Hawn Fwy	4953	K
Southwest	626	BMS	Bluebonnet Waste Control	NO	NO		1600 Singleton Blvd	4953	K L
Southwest	2765	BMS	P S C Recovery Systems Inc	NO	NO		2131 Progressive	4953	K L
Northwest	3842	BMS	United Site Services	NO	NO		2617 Willowbrook Rd	4953	K L
Southwest	86	BMS	A 2 Z Auto Body Parts	NO	NO		6355 Zenith	5015	M
Southwest	1041	BMS	Custard Core Supply	NO	NO		3015 Hansboro	3714	M
Southeast	5450	SWMS	Fleming Trucking	NO	NO		9041 Bird Lane	4212	M
Southwest	11516	SWMS	DFW Auto Parts Discount	NO	NO		6071 W Davis St	5015	M
Northeast	11656	SWMS	Dallas Cadillacs	NO	NO		10429 Garland Rd	5015	M
NO	12018	SWMS	First Class Auto, Inc.	NO	NO		3150 Hansboro Ave.	5015	M
Northeast	12096	SWMS	GD Star Auto Salvage, LLC.	NO	NO		14828 Kleberg Rd.	5015	M
Southwest	2738	InfoSource	Orr Contractors Inc	NO	NO		2335 Quincy St	5093	N
Southeast	5473	SWMS	Universal Recycling	NO	NO		3930 Shindoll St	5093	N
Northwest	5491	TCEQ	HOBBI INTERNATIONAL	NO	NO		7601 AMBASSADOR ROW	5093	N
Southeast	5503	SWMS	RNE Recycle, Inc.	NO	NO		2813 Hickory	5093	N
Northwest	6845	SWMS	Venture Metals	NO	NO		11221 Tantor Road	5093	N
Southeast	11496	SWMS	OJ Salvage & Auto Crushing	NO	NO		1000 Sargent Rd	5093	N
Northwest	11696	SWMS	Texas Recycling Surplus, Inc	NO	NO		1420 South Barry Ave.	5093	N
Southwest	77	BMS	A 1 Absolute Self Storage	NO	NO		3714 Marvin D Love Fwy	4225	P
Southwest	80	BMS	A 1 Mini Storage	NO	NO		3020 Duncanville Rd	4225	P
Northeast	92	BMS	A American Self Storage	NO	NO		9951 Royal Ln	4225	P
Northwest	96	BMS	A B F Freight System	NO	NO		4242 Irving Blvd	4213	P
Northeast	109	BMS	A Mini Self Storage	NO	NO		10227 Plano Rd	4225	P
Southwest	126	BMS	A Truck Express	NO	NO		4033 Mint Way	4215	P
Southeast	133	BMS	Abbys Storage	NO	NO		5710 Military Pkwy	4225	P
Northeast	137	BMS	Abrams Skillman Self Storage	NO	NO		6631 Larmanda	4225	P
Southeast	139	BMS	Absolute Self Storage	NO	NO		5656 Military Pkwy	4225	P
Southeast	140	BMS	Absolute Self Storage	NO	NO		8125 Maddox	4225	P
Southeast	145	BMS	Access Self Storage	NO	NO		8047 Ferguson	4225	P
Southwest	239	BMS	Alamo Self Storage	NO	NO		2855 Fort Worth Ave	4225	P
Southeast	240	BMS	Alamo Self Storage	NO	NO		3707 N Buckner Blvd	4225	P
Southwest	241	BMS	Alamo Self Storage	NO	NO		7011 Marvin D Love Fwy	4225	P
Southwest	327	BMS	American Harbor Mini Storage	NO	NO		7227 S R L Thornton Fwy	4225	P

Northwest	367	BMS	Any Fill Self Storage	NO	NO		11011 Indian Trl	4225	P
Southwest	437	BMS	Assured Group,The	NO	NO		5613 Blue Bird Ave	4225	P
Southwest	438	BMS	Assured Self Storage	NO	NO		5618 S Cockrell Hill Rd	4225	P
Southwest	439	BMS	Assured Self Storage	NO	NO		8110 S Cockrell Hill Rd	4225	P
Northeast	458	BMS	Attic Self Storage,The	NO	NO		10949 Walnut Hill Ln	4225	P
Northeast	459	BMS	Attic Self Storage,The	NO	NO		11541 N Central Expy	4225	P
Southwest	623	InfoSource	American Ice Company	NO	NO		2431 W Commerce St	4222	P
Southwest	693	BMS	Bussey Trucking Inc	NO	NO		3726 Toronto	4213	P
Southeast	992	BMS	Cowboy Cab Co Inc	NO	NO		1306 Wall St	4119	P
Southwest	1175	InfoSource	Dal-Worth Industries Inc	NO	NO		2010 Cartwright St	4212	P
Southeast	1225	BMS	Delta Logistics Inc	NO	NO		8600 S Central Expy	4226	P
Southeast	1421	BMS	Equipment Storage Service	NO	NO		3839 E Overton Rd	4226	P
Southwest	1431	BMS	Estes Express Line	NO	NO		3925 Singleton Blvd	4213	P
Northeast	1461	BMS	Extra Space Storage	NO	NO		5701 E Northwest Hwy	4225	P
Southwest	1778	BMS	Hagwood Transportation In	NO	NO		5724 W Ledbetter Dr	4212	P
Southeast	1834	BMS	Herdez Trucking Co	NO	NO		6426 C F Hawn Fwy	4212	P
Southwest	1906	BMS	Hunt Transport Services,J B	NO	NO		5701 W Kiest	4213	P
Southwest	2028	InfoSource	J T Horn Oil Co Inc	NO	NO		2407 Cartwright St	5171	P
Southeast	2115	BMS	Kansas City Southern RR	NO	NO		11931 Shiloh Rd	4011	P
Southeast	2224	BMS	Lawson Road Mini Storage	NO	NO		562 W Lawson Rd	4225	P
Southeast	2249	BMS	Liberty Trucking	NO	NO		4087 E Ledbetter Dr	4212	P
Northwest	2436	BMS	Mc Kinney Avenue Trolley	NO	NO		3153 Oak Grove Ave	4119	P
Southwest	2513	BMS	Miko Trucking	NO	NO		3302 Pluto	4212	P
Southwest	2748	BMS	Ozburn Hessey Logistics	NO	NO		4445 Rock Quarry Rd # 400	4225	P
Northwest	2769	BMS	Pack & Stack Storage	NO	NO		1750 W Northwest Hwy	4225	P
Northeast	2789	BMS	Park Avenue Limos	NO	NO		3615 Ross Ave	4119	P
Northeast	2952	BMS	Private Mini Storage	NO	NO		2320 N Central Expy	4225	P
Northeast	2970	BMS	Public Storage Inc	NO	NO		10540 Walnut	4225	P
Northeast	2971	BMS	Public Storage Inc	NO	NO		11020 Audelia Rd # A	4225	P
Southeast	2972	BMS	Public Storage Inc	NO	NO		11038 Alvin	4225	P
Northeast	2973	BMS	Public Storage Inc	NO	NO		11085 Walnut Hill Ln	4225	P
Northeast	2974	BMS	Public Storage Inc	NO	NO		11216 E Northwest Hwy	4225	P
Northwest	2975	BMS	Public Storage Inc	NO	NO		11434 Sprowles	4225	P
Northwest	2976	BMS	Public Storage Inc	NO	NO		12075 Denton Dr	4225	P
Southeast	2977	BMS	Public Storage Inc	NO	NO		12343 E Northwest Hwy	4225	P
Southwest	2978	BMS	Public Storage Inc	NO	NO		1605 Vilbig	4225	P
Northeast	2979	BMS	Public Storage Inc	NO	NO		2105 Winsted Dr	4225	P
Northeast	2980	BMS	Public Storage Inc	NO	NO		2439 Swiss Ave	4225	P
Southwest	2981	BMS	Public Storage Inc	NO	NO		2840 S Westmoreland Rd	4225	P

Northwest	2982	BMS	Public Storage Inc	NO	NO		2861 Walnut Hill Ln	4225	P
Northwest	2983	BMS	Public Storage Inc	NO	NO		3540 Inwood Rd	4225	P
Northwest	2984	BMS	Public Storage Inc	NO	NO		3550 W Mockingbird Ln	4225	P
Southwest	2985	BMS	Public Storage Inc	NO	NO		4401 S Westmoreland Rd	4225	P
Southwest	2986	BMS	Public Storage Inc	NO	NO		4925 S Cockrell Hill Rd	4225	P
Northeast	2987	BMS	Public Storage Inc	NO	NO		5342 E Mockingbird Ln	4225	P
Northwest	2988	BMS	Public Storage Inc	NO	NO		7412 Lemmon Ave	4225	P
Southeast	2989	BMS	Public Storage Inc	NO	NO		8939 E R L Thornton Fwy	4225	P
Northeast	2990	BMS	Public Storage Inc	NO	NO		9110 Markville	4225	P
Southwest	3030	BMS	R & L Carriers Inc	NO	NO		2831 S Walton Walker	4213	P
Southwest	3131	InfoSource	Rinchem Co Inc	NO	NO		4143 Singleton Blvd	4225	P
Southeast	3138	BMS	Roadway Express	NO	NO		12340 E Northwest Hwy	4213	P
Southwest	3184	BMS	Rubealcaba Enterprises	NO	NO		1247 Chalk Hill Rd	4212	P
Northwest	3202	BMS	S M T Lines Inc	NO	NO		11447 Goodnight Ln	4213	P
Southwest	3212	BMS	Safesite Inc	NO	NO		4601 W Ledbetter Dr	4225	P
Southeast	3234	BMS	Schneider National Carrier	NO	NO		34500 LBJ Fwy	4213	P
Northeast	3242	BMS	Security Self Storage	NO	NO		10664 Walnut Hill Ln	4225	P
Northwest	3243	BMS	Security Self Storage	NO	NO		3334 Forest Ln	4225	P
Northeast	3244	BMS	Security Self Storage	NO	NO		3335 W Northwest Hwy	4225	P
Northeast	3245	BMS	Security Self Storage	NO	NO		6640 Skillman	4225	P
Northeast	3246	BMS	Security Self Storage	NO	NO		8600 Spring Valley Rd	4225	P
Northeast	3247	BMS	Security Self Storage	NO	NO		9555 Forest Ln	4225	P
Northwest	3248	BMS	Security Storage	NO	NO		2601 Willowbrook Rd	4225	P
Northwest	3262	InfoSource	Set Environmental Inc	NO	NO		10215 Gardner Rd	4212	P
Southeast	3279	BMS	Shippers Warehouse Inc	NO	NO		8901 Forney Rd # 100	4226	P
Southeast	3306	BMS	Silverado Self Storage	NO	NO		11701 C F Hawn Fwy	4225	P
Northwest	3349	BMS	Southeastern Freight Lines	NO	NO		4211 Irving Blvd	4213	P
Southwest	3354	BMS	Southern Mail Service	NO	NO		1921 W Commerce	4213	P
Southeast	3369	InfoSource	Southwest Freight Distribut	NO	NO		8189 S Central Expy	4213	P
Southwest	3386	BMS	Specialized Transport Service	NO	NO		5038 W Ledbetter Dr	4212	P
Southeast	3430	BMS	Statewide Electric Inc	NO	NO		11423 C F Hawn Fwy	4213	P
Southeast	3436	BMS	Stevens Transport Inc	NO	NO		9757 Military Pkwy	4213	P
Northwest	3459	BMS	Storage USA	NO	NO		18530 Dallas Pkwy	4225	P
Southwest	3468	BMS	Stow & Go Mini Warehouse	NO	NO		525 S R L Thornton Fwy	4225	P
Southeast	3606	BMS	Texas Cartage Warehouse	NO	NO		12344 E Northwest Hwy	4212	P
Northeast	3619	BMS	Texas Ice House	NO	NO		4008 Commerce St # 100	4222	P
Southeast	3712	BMS	Tornado Bus Co	NO	NO		535 E Jefferson Blvd	4173	P
Southeast	3726	BMS	Transportes J L Rangel Inc	NO	NO		501 E Jefferson Blvd	4119	P
Northeast	3727	BMS	Transportes Pegasos Bus Sv	NO	NO		4414 E Side Ave	4119	P

Southwest	3780	BMS	Tyler Street Self Storage	NO	NO		3636 S Tyler	4225	P
Northwest	3785	BMS	U Haul Self Storage	NO	NO		11061 Harry Hines Blvd	4225	P
Northeast	3786	BMS	U Haul Self Storage	NO	NO		13637 N Central Expy	4225	P
Northeast	3787	BMS	U Haul Self Storage	NO	NO		1616 Greenville Ave	4225	P
Southeast	3788	BMS	U Haul Self Storage	NO	NO		7107 C F Hawn Fwy	4225	P
Southeast	3803	BMS	U Stor	NO	NO		10406 Lake June Rd	4225	P
Northwest	3804	BMS	U Stor	NO	NO		9808 Harry Hines Blvd	4225	P
Southwest	3805	BMS	Redbird U-Stor-It	NO	NO		5409 S Westmoreland Rd	4225	P
Southwest	3806	BMS	U Store All Mini Storage	NO	NO		3316 Hansboro	4225	P
Northwest	3807	BMS	U Store It	NO	NO		4097 Rosemeade Pkwy	4225	P
Northeast	3813	BMS	Uncle Bobs Rv & Boat Storage	NO	NO		13575 Goldmark	4225	P
Northwest	3814	BMS	Uncle Bobs Rv & Boat Storage	NO	NO		2305 Manana	4225	P
Northwest	3819	BMS	Uncle Bobs Self Storage	NO	NO		9450 Hargrove	4225	P
Northwest	3837	BMS	United Parcel Service	NO	NO		10155 Monroe	4215	P
Northeast	3847	InfoSource	US Post Office	NO	NO		10502 Markison Rd	4311	P
Northwest	3911	BMS	Vargas Trucking	NO	NO		4746 Don Dr	4213	P
Northwest	3967	BMS	Watson & Taylor Self Storage	NO	NO		9801 Brockbank Dr	4225	P
Southeast	3991	BMS	White Rock Self Storage	NO	NO		7820 Garland Rd	4225	P
Northwest	4053	BMS	Yellow Cab Inc	NO	NO		2515 Irving Blvd	4121	P
Northwest	5155	BMS	A 1 Freeman North America	NO	NO		2242 Manana	4212	P
Northwest	5172	InfoSource	Dial Lubricant	NO	NO		1839 Ryan Rd	5171	P
Southwest	5181	InfoSource	DART Oak Cliff Bus Services	NO	NO		1200 E Jefferson Blvd	4111	P
Northwest	5346	SWMS	Greyhound Lines, Inc.	NO	NO		315 Continental Ave	4131	P
Northeast	5358	SWMS	Deep Ellum Self Storage	NO	NO		3215 Hickory St	4225	P
Southeast	5364	SWMS	Access Self Storage	NO	NO		3241 S Buckner	4225	P
Southeast	5394	SWMS	DISD Fleet Maintenance Facility	NO	NO		2419 Cockrell Ave	4151	P
Northwest	5400	SWMS	Goodnight Drive Inn	NO	NO		10603 - 10663 Goodnight	4212	P
Northwest	5404	SWMS	Extra Space Storage	NO	NO		5431 Lemmon Ave	4225	P
Northeast	5406	SWMS	Extra Space Storage	NO	NO		4114 N Central Expy	4225	P
Northeast	5432	SWMS	Public Storage #27803	NO	NO		11085 Kingsley Rd	4225	P
Southwest	5447	SWMS	Horseshoe Trucking	NO	NO		2306 May St	4212	P
Southeast	5468	SWMS	Sparklets Drinking Water	NO	NO		1340 Centerville Rd	4214	P
Southwest	5477	SWMS	Dallas Area Rapid Transit	NO	NO		2400 RL Thornton Fwy	4173	P
Southwest	5478	SWMS	Cross Street Service, Inc.	NO	NO		1936 W Commerce	4212	P
Southwest	5481	SWMS	FedEx National LTL - DLS	NO	NO		1501 N Walton Walker Blvd	4213	P
Northwest	5485	TCEQ	F PORTILLO TRUCKING	NO	NO		10550 GOODNIGHT LN	4212	P
Southwest	5494	TCEQ	DALLAS TRANSFER AND TRUCKING	NO	NO		2302 N WESTMORELAND RD	4225	P
Southwest	5504	SWMS	Transportes San Miguel	NO	NO		200 N Marsalis	4111	P
Southwest	5526	SWMS	DART	NO	NO		6300 R L Thornton Fwy	4173	P

Southwest	5532	SWMS	Waste Management of Tex	NO	NO		3920 Singelton Blvd	4212	P
Southwest	5718	SWMS	SAIA	NO	NO		4356 Singleton Blvd	4213	P
Southwest	5719	SWMS	Old Dominion Freight Line	NO	NO		3225 Duncanville Rd	4213	P
Northeast	6493	SWMS	Public Storage	NO	NO		18004 Preston Rd	4225	P
Northwest	6553	SWMS	Uncle Bobs Self Storage	NO	NO		13820 Montfort Dr Dallas TX 7	4225	P
Northwest	6603	SWMS	Extra Space Storage	NO	NO		19211 Preston Rd	4225	P
Northeast	6604	SWMS	Extra Space Storage	NO	NO		17854 Preston Rd	4225	P
Southwest	6886	SWMS	Cactus Environmental Servi	NO	NO		4960 Singleton Blvd.	4212	P
Northwest	7066	SWMS	Extra Space Storage	NO	NO		4920 McKinney Ave.	4225	P
Southwest	7135	SWMS	Extra Space Storage	NO	NO		1931 Fort Worth Ave	4225	P
Southwest	7165	SWMS	U-Stor Walton Walker	NO	NO		4116 S Walton Walker	4225	P
Southeast	7215	SWMS	Extra Space Storage	NO	NO		10740 Garland Road	4225	P
Northeast	7225	SWMS	Uncle Bob's Self Storage	NO	NO		5720 Milton	4225	P
Southeast	7295	SWMS	Del Monte Fresh Produce	NO	NO		1400 Parker	4221	P
Southeast	7316	SWMS	Freedom Storage	NO	NO		10331 Scyene Rd.	4225	P
NO	10486	SWMS	Transport America	NO	NO		9186 South Hampton Rd	4213	P
Northwest	10536	SWMS	CubeSmart Storage	NO	NO		2711 Cedar Springs Rd	4225	P
Northwest	10946	SWMS	XPO Logistics	NO	NO		5020 Calvert	4212	P
Southwest	10956	SWMS	Dallas Oil Service	NO	NO		3018 Ruder	4212	P
Southwest	10957	SWMS	Dallas Oil Service	NO	NO		6201 Singleton	4214	P
Northwest	11406	SWMS	Colorado Boxed Beef Comp	NO	NO		5150 Pulaski St	4222	P
Southeast	11456	SWMS	Acadian Ambulance Service	NO	NO		2424 S Good Latimer Expy	4119	P
NO	11526	SWMS	Hansen & Adkins Auto Tran	NO	NO		9211 Forney Rd	4212	P
Northwest	11536	SWMS	Extra Space Storage	NO	NO		1975 W NW Hwy	4225	P
Southeast	11556	SWMS	MV Transportation Inc.	NO	NO		8998 Senate St	4173	P
NO	11576	SWMS	Extra Space Storage	NO	NO		9485 Lyndon B. Johnson Fwy	4225	P
Southeast	11616	SWMS	Buckner Self Storage	NO	NO		140 S Buckner Blvd, Ste. A	4225	P
Southeast	11617	D&B SCREENED	Life Storage	NO	NO		3210 S. Buckner Blvd	4225	P
NO	11636	SWMS	Life Storage	NO	NO		4640 Harry Hines Blvd.	4225	P
NO	11637	SWMS	Tellus Self Storage - Haw	NO	NO		7979 C F Hawn Fwy	4225	P
NO	11667	SWMS	Move It Self Storage	NO	NO		8500 LBJ Fwy	4225	P
Southwest	11676	SWMS	Costco Wholesale	NO	NO		3730 Mountain Creek Pkwy	4222	P
NO	11756	SWMS	Life Storage	NO	NO		3333 N. Buckner Blvd.	4225	P
Southeast	11786	SWMS	Life Storage	NO	NO		717 S. Good Latimer Expy.	4225	P
Northeast	11787	SWMS	Extra Space Storage	NO	NO		503 S. Haskell	4225	P
NO	11788	SWMS	Storage Choice-Farmers Ma	NO	NO		2425 Canton St.	4225	P
Northwest	11796	SWMS	Life Storage	NO	NO		2305 Manana	4225	P
Northwest	11797	SWMS	CubeSmart Storage	NO	NO		9713 Harry Hines Blvd	4225	P
NO	11807	SWMS	Extra Space Storage	NO	NO		12100 Shiloh Rd.	4225	P

NO	11816	SWMS	Life Storage	NO	NO		8555 Manderville Ln.	4225	P
Northwest	11826	SWMS	Public Storage	NO	NO		4740 Harry Hines Blvd.	4225	P
Southeast	11827	SWMS	Urban + Storage	NO	NO		1526 Fort Worth Ave.	4225	P
Northeast	11828	SWMS	CubeSmart Self Storage & L	NO	NO		17613 Coit Rd	4225	P
NO	11829	SWMS	CubeSmart Self Storage	NO	NO		4311 Communications Dr	4225	P
NO	11837	SWMS	Extra Space Storage	NO	NO		7701 Banner Dr	4225	P
NO	11848	SWMS	Public Storage	NO	NO		10410 E Northwest Highway	4225	P
NO	11849	SWMS	Public Storage	NO	NO		7895 Riverfall Dr	4225	P
NO	11850	SWMS	Cubesmart Self Storage	NO	NO		5818 Lydbob B Johnson Freew	4225	P
NO	11851	SWMS	Security Self Storage	NO	NO		3399 Shelia Ln	4225	P
Southeast	11856	SWMS	Extra Space Storage	NO	NO		8441 Clark Rd	4225	P
Southwest	11886	BMS	Extra Space Storage	NO	NO		39050 Lyndon B Johnson Fwy	4225	P
Northwest	11906	BMS	Extra Space Storage	NO	NO		5353 Maple Ave.	4225	P
Northwest	11907	BMS	Cube Smart Self Storage	NO	NO		5505 Maple Ave.	4225	P
Northwest	11908	BMS	Extra Space Storage	NO	NO		18530 Dallas Pkwy.	4225	P
Northwest	11910	BMS	Extra Space Self Storage	NO	NO		2814 S. Walton Walker Blvd.	4225	P
Northeast	11916	BMS	Extra Space Self Storage	NO	NO		11550 Forest Central Dr	4225	P
Northeast	11917	BMS	Extra Space Self Storage	NO	NO		13705 Montfort Dr.	4225	P
Northwest	11921	SWMS	CubeSmart Self Storage	NO	NO		2812 Forest Ln.	4225	P
Northeast	11926	SWMS	CubeSmart Self Storage	NO	NO		6831 W. NW Hwy.	4225	P
Northwest	11946	SWMS	City Shuttle	NO	NO		3131 Halifax St	4121	P
Southwest	11956	SWMS	Palmer Logistics	NO	NO		3801 Pinnacle Point Dr Suite 1	4225	P
Southwest	11957	SWMS	Quality Logistics Services	NO	NO		3601 Pinnacle Point Dr Suite 3	4225	P
Southeast	11958	SWMS	Canton Street Self Storage	NO	NO		1820 Canton St.	4225	P
Northwest	11966	BMS	Dallas Self Storage	NO	NO		6434 Maple Ave.	4225	P
Northwest	11976	SWMS	Great Value Self Storage	NO	NO		4641 Production Dr.	4225	P
Northwest	11978	SWMS	Preferred Self Storage	NO	NO		3737 Frankford Road	4225	P
Northwest	11979	SWMS	Access Storage	NO	NO		930 Metro Media Pl	4226	P
Northwest	11986	SWMS	Life Storage	NO	NO		1606 Plantation Rd	4225	P
Northeast	11987	SWMS	Public Storage	NO	NO		2420 N Haskell Ave	4225	P
Southeast	12056	SWMS	Pot-O-Gold	NO	NO		3440 Fordham	4212	P
NO	12076	SWMS	Cary Transit	NO	NO		5255 Norwood Rd	4231	P
Northwest	5203	InfoSource	Tempress Products LP	NO	NO		5052 Sharp St	3732	R
Northwest	220	BMS	Aircraft Engines & Accessor	NO	NO		2275 Crown	4581	S
Northwest	221	BMS	Aircraft Fuel Injectn Svc Inc	NO	NO		2731 Brookfield	4581	S
Northwest	1105	BMS	Dallas Airmotive Inc	NO	NO		7511 Lemmon Ave # HNCR C	4581	S
Northwest	2076	BMS	Joes Aircraft Ignition Servic	NO	NO		2733 Brookfield	4581	S
Northwest	10426	SWMS	ASIG	NO	NO		2734 Brookfield Ave	5171	S
Northwest	10986	SWMS	Delta Global Services, LLC	NO	NO		8008 Cedar Springs Rd	4581	S

Northwest	11596	SWMS	Signature Flight Support	NO	NO		7515 Lemmon Ave Building J	4581	S
NO	11836	SWMS	Burbank Partners Hangar F	NO	NO		2750 Burbank St	4522	S
NO	11846	SWMS	Club Air Inc	NO	NO		5125 Voyager Dr	4581	S
NO	11847	SWMS	Signature Flight Support	NO	NO		8321 Lemmon Ave.	4581	S
Northwest	504	InfoSource	B C W Food Products Inc	NO	NO	YES	6000 Denton Dr	2045	U
Northeast	584	BMS	CSM Bakery	NO	NO	YES	10741 Miller Rd	2051	U
Northwest	655	InfoSource	Bridgford Foods Corp	NO	NO	YES	9001 Chancellor Row	2038	U
Southeast	656	InfoSource	Bridgford Industries Inc	NO	NO	YES	1707 S Good Latimer Expy	2051	U
Northwest	705	BMS	C & L Foods Inc	NO	NO	YES	1802 E Levee St	2015	U
Northwest	886	BMS	Coca Cola North America	NO	NO	YES	6445 Lemmon Ave	2086	U
Southeast	887	InfoSource	Coca-Cola Bottling Co	NO	NO	YES	8161 Moberly Ln	2086	U
Southeast	910	BMS	Columbia Packing Inc	NO	NO	YES	2807 E 11th	2011	U
Northwest	1136	InfoSource	Dallas Gourmet Bakery Inc	NO	NO	YES	2660 Brenner Dr	2051	U
Southwest	1164	BMS	Dallas Tortilla & Tamale Fct	NO	NO	YES	309 N Marsalis	2099	U
Southwest	1168	BMS	Dallas USA Foods Inc	NO	NO	YES	1880 Lone Star Dr	2015	U
Northwest	1206	BMS	De Luna Sales	NO	NO	YES	3021 Lombardy Ln # B	2099	U
Northeast	1282	BMS	Don Miguel Mexican Food	NO	NO	YES	9670 Chartwell	2099	U
Southwest	1420	BMS	Epi Breads	NO	NO	YES	4710 W Ledbetter Dr	2051	U
Northwest	1524	BMS	First Food Co Inc	NO	NO	YES	4561 Leston	2099	U
Northwest	1589	BMS	Fresh Pasta Delights	NO	NO	YES	2680 Nova Dr	2098	U
Northwest	1591	BMS	Frito Lay Inc	NO	NO	YES	1141 Regal Row	2096	U
Southwest	1592	BMS	Frito Lay Inc	NO	NO	YES	3548 Duncanville Rd	2096	U
Southwest	1593	BMS	Frito Lay Inc - C.E. Doolin CS	NO	NO	YES	9301 Stoneview Dr	4213	U
Southwest	1700	BMS	Gonzalez Fried Products	NO	NO	YES	1610 Fort Worth Ave	2041	U
Southwest	1746	InfoSource	Mission Foods	NO	NO	YES	4000 Dan Morton Dr 100	2096	U
Northwest	2117	InfoSource	Kaurina's	NO	NO	YES	2750 Northaven Rd Ste 302	2024	U
Northwest	2175	BMS	Kubys Sausage House	NO	NO	YES	7901 Sovereign Row	2013	U
Northwest	2313	InfoSource	Lady Walton's Cookies	NO	NO	YES	151 Regal Row Ste 118	2052	U
Northeast	2418	BMS	Maui Foods International	NO	NO	YES	4008 Commerce St # 108	2051	U
Southwest	2537	BMS	Mizkan Americas Inc	NO	NO	YES	4647 Bronze Way	2099	U
Northeast	2584	InfoSource	Mozzarella Co	NO	NO	YES	2944 Elm St	2022	U
Northwest	2616	InfoSource	National Food & Beverage I	NO	NO	YES	9000 Premier Row	2033	U
Southwest	3015	BMS	Quality Sausage Co Inc	NO	NO	YES	1925 Lone Star Dr	2013	U
Southwest	3045	BMS	R P G Manufacturing	NO	NO	YES	4105 Rock Quarry Rd	2672	U
Southwest	3132	InfoSource	Rio Star Foods Inc	NO	NO	YES	3251 W Commerce St	2011	U
Southwest	3188	BMS	Rudolph Foods	NO	NO	YES	3660 Pipestone	2096	U
Northwest	3496	BMS	Sunrise Foods Inc	NO	NO	YES	10310 Zodiac	2099	U
Northwest	3909	BMS	Van Oriental Foods	NO	NO	YES	4828 Reading	2099	U
Southwest	5328	SWMS	Phayvanh Food Corp	NO	NO	YES	4233 Shilling Way	2038	U

Northwest	5399	SWMS	Draft Root Beer	NO	NO	YES	3138 Quebec St #106	2087	U
Northwest	5405	SWMS	Diamond Onoins	NO	NO	YES	4924 Woodall St	2091	U
Southwest	5414	SWMS	Pecan Deluxe Candy Co	NO	NO	YES	2570 Lone Star Dr	2087	U
Northwest	5474	SWMS	Hans Chocolatier	NO	NO	YES	7818 Brook Hollow Rd	2066	U
Southeast	5510	SWMS	Paletas Frutitas	NO	NO	YES	539 W Jefferson Blvd	2000	U
Northwest	5632	SWMS	Cain Food Industries	NO	NO	YES	8401 Sovereign Row	2051	U
Southwest	6408	SWMS	Taylor Farms Texas, Inc.	NO	NO	YES	1001 N Cockrell Hills	2099	U
Northwest	6517	SWMS	Global Tobacco, L.L.C.	NO	NO	YES	2861 Congressman Ste 300	2111	U
Southeast	6955	SWMS	Alternative Feeds	NO	NO	YES	4727 Sapphire Street	2026	U
Southwest	7105	SWMS	Nestle Waters North Ameri	NO	NO	YES	4718 Mountain Creek Parkway	2086	U
Northwest	7245	SWMS	Azteca Mexican Candy IMP	NO	NO	YES	10024 Monroe	2064	U
Southeast	10436	SWMS	Scobee Foods, Inc.	NO	NO	YES	1812 Corinth	2099	U
Northwest	10456	SWMS	Southwest Distillery & Wine	NO	NO	YES	9761 Clifford Dr Ste 100	2087	U
Southeast	10906	SWMS	Niagara Bottling, LLC	NO	NO	YES	4800 Langdon Rd	2086	U
Southeast	11466	SWMS	Valley Proteins, Inc.	NO	NO	YES	515 Pontiac Ave	2077	U
Northeast	11746	SWMS	Frankie V's Kitchen	NO	NO	YES	11035 Switzer Avenue	2035	U
Northwest	11808	SWMS	Luna's Tortillas Inc.	NO	NO	YES	2225 Connector	2099	U
Northwest	11919	SWMS	Guanamex Meats	NO	NO	YES	3435 Jane Ln	2032	U
Northwest	673	InfoSource	Brunton International Inc	NO	NO		3310 Quebec St	2392	V
Southeast	853	BMS	Clantons Quality Awning Co	NO	NO		4612 S Buckner Blvd	2394	V
Northwest	860	BMS	Classic Caps & Embroidery	NO	NO		4901 Woodall	2353	V
Northwest	913	BMS	Comfort Cushion Inc	NO	NO		1717 E Levee St	2392	V
Northeast	1045	BMS	Custom Chenille Embroider	NO	NO		11330 Hillguard	2397	V
Northeast	1109	BMS	Dallas Bias Fabrics Inc	NO	NO		1401 N Carroll	2396	V
Northwest	1113	BMS	Dallas Canvas & Boat Tops	NO	NO		11228 Sherman	2394	V
Northwest	1128	BMS	Dallas Embroidery	NO	NO		1109 Dragon	2397	V
Northwest	1129	BMS	Dallas Embroidery Co	NO	NO		11398 Harry Hines Blvd # 106	2395	V
Northwest	1162	BMS	Dallas Tent & Awning	NO	NO		4813 Memphis	2394	V
Northeast	1235	BMS	Designer Draperies	NO	NO		9602 Chartwell	2391	V
Northwest	1602	BMS	Fulco Pad & Moving Equipm	NO	NO		750 Regal Row	2392	V
Southeast	1827	BMS	Helena & Harry IV	NO	NO		4949 Beeman	2341	V
Northwest	1868	BMS	Hollander Home Fashions I	NO	NO		10750 Denton Dr	2392	V
Southwest	1999	InfoSource	Artistics Awning & Signs	NO	NO		2111 Sylvan Ave	2394	V
Northwest	2004	BMS	Ivy Jane	NO	NO		8303 Chancellor Row	2331	V
Northwest	2215	BMS	Las Colinas Floor Mat	NO	NO		1919 Rhome	2273	V
Northwest	2610	BMS	National Banner Co	NO	NO		11938 Harry Hines Blvd	2399	V
Southeast	3014	BMS	Quality Quilters	NO	NO		3636 N Buckner Blvd	2395	V
Southwest	3024	BMS	Quiltcraft Industries Inc	NO	NO		1230 E Ledbetter Dr	2391	V
Southeast	3228	InfoSource	Sasch Inc	NO	NO		8228 Endicott Ln	2396	V

Northwest	3267	BMS	Sew Team Inc	NO	NO		2040 Farrington	2399	V
Southeast	3401	BMS	Sports Coverage Inc	NO	NO		5555 Military Pkwy	2392	V
Northeast	3443	InfoSource	Stitch N Designs	NO	NO		12215 Forestgate Dr # 101	2389	V
Northwest	3444	BMS	Stitches By Carmen	NO	NO		2630 Northaven Rd # 102	2391	V
Northwest	3514	BMS	Superior T Shirt Co	NO	NO		2750 Northaven Rd # 101	2262	V
Northwest	3534	BMS	T & S Custom Accessories Inc	NO	NO		1350 Manufacturing # 219	2391	V
Northwest	3752	InfoSource	Tri-Tex Enterprises Inc	NO	NO		107 Pittsburg St	2391	V
Northwest	3767	InfoSource	3 Marthas	NO	NO		5521 Maple Ave	2361	V
Northwest	3821	InfoSource	Uniforms Inc	NO	NO		1489 Prudential Dr	2395	V
Northwest	5418	SWMS	Regency Wraps, Inc	NO	NO		2731 Satsuma	2211	V
Northeast	6564	SWMS	DALLAS BIAS FABRICS	NO	NO		1423 N CARROLL AVE	2396	V
Northwest	6866	SWMS	Baks International	NO	NO		1121 Roundtable Drive	2399	V
Northwest	6889	SWMS	Oxcart Engineering	NO	NO		8816 Directors Row	2394	V
Northwest	6985	SWMS	Design District Custion Drag	NO	NO		8820 Directors Row	2391	V
Northwest	10527	SWMS	Kalogridis International	NO	NO		4819 Maple Ave	2273	V
Northeast	10876	SWMS	Fiber Seal	NO	NO		9879 Chartwell	2269	V
Northwest	11918	SWMS	Oxcart Manufacturing	NO	NO		8816 Directors Row	2394	V
Northwest	11920	BMS	Tri Tex Enterprises	NO	NO		4909 Lakawana St	2391	V
NO	12086	SWMS	Comfort Cushion Inc	NO	NO		1717 E Levee St	2392	V
Northwest	61	BMS	3 L Designs Inc	NO	NO		8821 Directors Row	2331	W
Northwest	245	BMS	Alcala Custom Furniture	NO	NO		1831 E Levee St	2599	W
Southwest	268	InfoSource	Allied Fence Co of Dallas	NO	NO		2343 Beatrice St	2434	W
Southwest	329	BMS	American Leather	NO	NO		4501 Mountain Creek Pkwy	2512	W
Northeast	520	BMS	B T X Window Automation	NO	NO		10763 Sanden	2591	W
Southwest	757	BMS	Carpenter Co,E R	NO	NO		4443 Bronze Way	2515	W
Southwest	1232	InfoSource	Design Plastics Inc	NO	NO		2623 Parvia Ave	2542	W
Northwest	1331	InfoSource	POSTURE BEAUTY SLEEP PR	NO	NO		4646 Harry Hines Blvd	2515	W
Northwest	1624	BMS	Gabys Shoppe	NO	NO		1311 Dragon	2514	W
Northwest	1697	InfoSource	Golden Pedic Inc	NO	NO		1240 Titan Dr	2515	W
Northwest	1955	BMS	Innovative Millwork System	NO	NO		11319 Tantor # A	2434	W
Southwest	2236	InfoSource	Legacy Lockers LLC	NO	NO		4433 Bronze Way	2541	W
Northwest	2394	InfoSource	Marroquin Custom Upholst	NO	NO		4835 Reading St	2512	W
Southeast	2405	BMS	Massoud Furniture Manufa	NO	NO		8351 Moberly	2511	W
Northwest	2484	BMS	Metroplex Millworks Inc	NO	NO		2665 Perth St	2434	W
Northwest	2760	BMS	P K I Ltd	NO	NO		8920 Directors Row	2521	W
Northwest	3110	InfoSource	Old Timber Table Co	NO	NO		908 Dragon St	2511	W
Northwest	3297	BMS	Signature Cabinets	NO	NO		9144 King Arthur	2434	W
Southeast	3751	BMS	Triplett Construction Co,R	NO	NO		802 S Haskell	2434	W
Northwest	3832	BMS	United Leather	NO	NO		1233 E Levee St	2512	W

Southeast	3836	InfoSource	United Office Interior	NO	NO		8200 Lovett Ave	2542	W
Northwest	3887	BMS	Universal Window Covering	NO	NO		4939 Cash	2599	W
Southwest	3980	BMS	Western Cabinets Inc	NO	NO		3444 Morse Dr	2434	W
Northwest	4023	BMS	Wood Gallery Inc,The	NO	NO		10724 Goodnight Ln	2521	W
Northwest	4304	InfoSource	R Jones & Associates Inc	NO	NO		3054 Irving Blvd	2512	W
Northeast	5735	SWMS	Belwood	NO	NO		417 S Haskell	2434	W
Northwest	5749	SWMS	Emmanuel Design Group, L	NO	NO		1178 Quaker Street	2511	W
Northwest	11649	SWMS	CTS Wood Design	NO	NO		8221 Chancellor Row	2434	W
Northwest	12007	SWMS	Millwork Design Solutions,	NO	NO		4078 Shilling Way	2434	W
NO	12087	SWMS	Antique Drapery Rod Comp	NO	NO		1937 Irving Blvd	2591	W
Northwest	125	InfoSource	AccuPress	NO	NO		2510 Southwell Rd Ste 108	2752	X
Southeast	134	BMS	Abco Inc	NO	NO		1621 Wall St	2789	X
Southwest	249	BMS	All Color Press	NO	NO		1826 W Commerce	2759	X
Northwest	254	BMS	Allcolor Printing & Graphics	NO	NO		2908 Blystone	2759	X
Southeast	288	BMS	Alphagraphics	NO	NO		400 N Akard St # 100	2759	X
Northwest	346	BMS	Ames Printing Co Inc	NO	NO		1632 Market Center Blvd	2759	X
Southwest	621	BMS	Blanks Printing & Imaging I	NO	NO		2343 N Beckley Ave	2759	X
Northwest	666	BMS	Brodnax Printing Co Inc	NO	NO		2338 Reagan	2752	X
Northwest	706	BMS	C & R Bindery	NO	NO		2935 Irving Blvd # 201	2789	X
Northwest	932	BMS	Computer Data Forms Inc	NO	NO		1901 E Levee St	2761	X
Northwest	982	BMS	Corporate Visual Communi	NO	NO		9011 John W Carpenter Fy # 2	2759	X
Northeast	1008	BMS	Creative Cup Co	NO	NO		10777 Turbeville # 100	2759	X
Southeast	1099	BMS	Daily Commercial Record	NO	NO		706 Main St # 200	2711	X
Northwest	1140	BMS	Dallas Letterpress Inc	NO	NO		922 N Industrial Blvd # A	2675	X
Southwest	1147	BMS	Dallas Offset Inc	NO	NO		2110 Panoramic	2759	X
Northwest	1150	InfoSource	Dallas Plastic Card Co Inc	NO	NO		11127 Shady Trl Ste 105	2759	X
Northwest	1158	BMS	Dallas Screen Printing	NO	NO		2978 Congressman	2261	X
Northwest	1197	BMS	Dave The Printer Inc	NO	NO		2338 Irving Blvd	2752	X
Northeast	1288	InfoSource	Doppelganger	NO	NO		3025 Taylor St	2759	X
Southwest	1318	BMS	Dupriest & Sons Inc H	NO	NO		633 Sunnyside	2759	X
Northeast	1582	InfoSource	Preston North Printing	NO	NO		6723 Levelland Rd Ste A	2752	X
Southeast	1587	BMS	Freeman Publishers Inc	NO	NO		1211 S Akard St	2759	X
Southwest	1652	BMS	Genesis Graphics	NO	NO		1219 Fort Worth Ave # A	2759	X
Northwest	1691	BMS	Go 2 Graphics	NO	NO		2134 Irving Blvd	2759	X
Northeast	1721	BMS	Graphics Group,The	NO	NO		2800 Taylor	2759	X
Southeast	1786	BMS	Ham Hula T Shirt Co	NO	NO		1730 S Akard St	2759	X
Northwest	1787	BMS	Parks Printing	NO	NO		2525 Royal Ln # 335	2759	X
Northwest	1837	BMS	Herrada Printing	NO	NO		2474 Manana # 125	2752	X
Southeast	1853	BMS	Hill Printing Co	NO	NO		915 S Peak	2759	X

Northwest	1863	BMS	Hodge Printing Co	NO	NO		11416 Newkirk	2759	X
Northwest	1887	BMS	Hospital Forms & Systems C	NO	NO		8900 Ambassador Row	2761	X
Northwest	1909	BMS	Hypergraphic Impressions I	NO	NO		9840 Monroe # 106	2759	X
Northwest	1929	BMS	Imageware	NO	NO		10920 Indian Trl # 108	2759	X
Southeast	1972	BMS	International Bible Assn	NO	NO		4740 S Buckner Blvd	2731	X
Northwest	2006	BMS	J & G Printing	NO	NO		2845 Irving Blvd	2752	X
Southeast	2033	BMS	Jackson Discount Printing	NO	NO		8117 Scyene Rd	2759	X
Northwest	2052	BMS	Jarvis Press Inc	NO	NO		9112 Viscount Row	2759	X
Northwest	2056	BMS	Jayroe Litho Inc	NO	NO		11162 Morrison	2752	X
Northeast	2105	BMS	K & R Screen Graphics	NO	NO		3915 Main St	2759	X
Northwest	2108	BMS	K N K Press Inc	NO	NO		9160 King Arthur	2759	X
Northeast	2278	BMS	Lockhart Industries	NO	NO		9610 Skillman	2759	X
Northeast	2429	BMS	Mc Daniel Printing LLC	NO	NO		10701 Plano Rd # 300	2759	X
Northwest	2468	InfoSource	Mertro Graphics	NO	NO		1311 Regal Row	2732	X
Northwest	2506	BMS	Midway Press Ltd	NO	NO		645 Regal Row	2759	X
Southeast	2521	BMS	Millet The Printer Inc	NO	NO		1000 S Ervay	2759	X
Northwest	2603	BMS	N A T North Amer Thermog	NO	NO		2642 Brenner	2759	X
Northwest	2648	BMS	Newsletter Co,The	NO	NO		703 Mc Kinney Ave # 200	2741	X
Northwest	2656	BMS	Nieman Digital Printing	NO	NO		10575 Newkirk # 730	2759	X
Northwest	2814	BMS	Pennco Container Inc	NO	NO		4924 Reading	2759	X
Northwest	2824	BMS	Performance Printing Corp	NO	NO		2929 N Stemmons Fwy	2759	X
Northwest	2857	BMS	Pip Printing	NO	NO		4931 Airline Rd # 101	7334	X
Northwest	2913	BMS	Premier Printing	NO	NO		8607 Ambassador Row # 190	2759	X
Northeast	2921	BMS	Preston North Printing	NO	NO		6723 Levelland # A	2759	X
Northwest	2942	BMS	Printing Etc	NO	NO		3141 Irving Blvd # 215	2752	X
Northwest	2944	BMS	Printing To Go Reprographi	NO	NO		2636 Walnut Hill Ln # 206	2752	X
Northwest	3016	BMS	Quality Screen Printing	NO	NO		11227 Goodnight Ln # 805	2759	X
Northwest	3067	BMS	Rapid Reprographics	NO	NO		10710 N Stemmons Fwy	2759	X
Southeast	3070	BMS	Rawlins Printing & Ofc Supp	NO	NO		4014 S Buckner Blvd	2759	X
Northwest	3104	BMS	Register Mark Letter Press	NO	NO		141 Manufacturing	2759	X
Southeast	3107	BMS	Reilly Echols Printing Inc	NO	NO		1710 S Harwood	2759	X
Northwest	3176	BMS	Royal Printing Group	NO	NO		2035 Royal Ln # 250	2759	X
Southeast	3227	BMS	Sasch Inc	NO	NO		8101 Moberly # A	2759	X
Northwest	3239	BMS	Scott Merriman Inc	NO	NO		11212 Goodnight Ln # 200	2759	X
Northwest	3307	BMS	Silverwing Productions Inc	NO	NO		11210 Goodnight Ln	2759	X
Northwest	3319	BMS	Sir Speedy Printing Center	NO	NO		2625 Oak Lawn	2752	X
Northeast	3324	BMS	Six B Labels Corp	NO	NO		12200 Forestgate	2759	X
Southwest	3374	BMS	Southwest Printing & Copyi	NO	NO		4547 S Westmoreland Rd	2752	X
Northeast	3438	BMS	Steward Printing & Advertis	NO	NO		10775 Sanden	2759	X

Northwest	3492	BMS	Sunbelt Letterpress	NO	NO		11252 Leo Ln	2759	X
Northeast	3509	BMS	Superior Graphics	NO	NO		10440 Brockwood Rd	2759	X
Northwest	3517	BMS	Supreme Printing Co	NO	NO		148 Pittsburg	2759	X
Northwest	3560	BMS	Taylor Publishing Co Inc	NO	NO		1550 W Mockingbird Ln	2731	X
Northwest	3570	BMS	Trinity Industrial District	NO	NO		1262 Viceroy	2759	X
Northwest	3608	BMS	Texas Commerce Printing	NO	NO		9011 John W Carpenter Fy # 1	2759	X
Southeast	3651	InfoSource	Texas Printing & Advertising	NO	NO		3624 Samuel Blvd	2752	X
Northwest	3679	BMS	Thomas Reprographics	NO	NO		2518 Forest Ln	2752	X
Northeast	3681	BMS	Thomas Reprographics	NO	NO		4718 Greenville Ave	2752	X
Southwest	3700	InfoSource	Titan Custom Products Inc	NO	NO		2560 W Commerce St	2396	X
Northwest	3717	BMS	Total Quality Labels Inc	NO	NO		4845 Cash	2759	X
Northwest	3754	BMS	True To Form Printing & Pro	NO	NO		9982 Monroe # 401	2759	X
Northwest	3922	InfoSource	Vertis	NO	NO		8000 Ambassador Row	2759	X
Southeast	3939	BMS	Visual Communications	NO	NO		12640 E Northwest Hwy # 415	2759	X
Northeast	3943	BMS	Vogel Bracken Printers Inc	NO	NO		3009 Commerce St	2759	X
Northwest	4004	InfoSource	Williamson Printing Corp	NO	NO		1278 Titan Dr	2759	X
Northwest	4005	BMS	Williamson Express	NO	NO		2608 Hawes	2759	X
Southeast	4024	BMS	Wood Printing Co Inc	NO	NO		1418 Seegar	2761	X
Northwest	5115	BMS	Payless Envelope	NO	NO		2285 Vantage	2759	X
Northeast	5431	SWMS	Minuteman Press	NO	NO		11411 N Central Expy # A	2759	X
Northwest	5446	SWMS	Custom Graphics	NO	NO		2803 Virgo	2759	X
Northwest	6359	SWMS	Shadowfax Graphics	NO	NO		1352 Crampton St	2759	X
Northeast	6470	SWMS	Ahlwright Printing	NO	NO		7920 Belt Line Rd #170	2759	X
Northwest	6686	SWMS	MW Periscope	NO	NO		2025 Royal Lane, Suite 310	2759	X
Southwest	6726	SWMS	Cartamundi USA Inc.	NO	NO		5101 Highland Place Dr	2759	X
Northwest	6936	SWMS	Texas Graphics Resource, Inc	NO	NO		1234 Round Table Drive	2791	X
Northwest	11426	SWMS	Metropolitan Press	NO	NO		1250 Majesty Drive	2741	X
Northwest	11546	SWMS	Copy Cat Printing	NO	NO		11722 Marsh Ln Ste 330	2752	X
Northeast	11566	SWMS	Abbott Label	NO	NO		11440 Hillguard Rd.	2759	X
NO	11668	SWMS	Thomas Printworks	NO	NO		3610 Oak Lawn Ave	2759	X
Northwest	11726	SWMS	Kwik Kopy	NO	NO		6162 Sherry Ln	2759	X
Northeast	11896	BMS	Quackerbox Creations	NO	NO		11452 Pagemill	2759	X
Northwest	11909	SWMS	Brodnax Printing Co I, LLC	NO	NO		737 Regal Row	2711	X
Northwest	11996	SWMS	CCS Printing	NO	NO		2642 Brenner	2642	X
Northwest	12026	SWMS	Walls Printing Co	NO	NO		9171 King Arthur Dr	2759	X
Northwest	12046	SWMS	Metropolitan Newsletter	NO	NO		1250 Majesty Dr	2741	X
NO	12069	SWMS	Multi Packaging Solutions	NO	NO		1455 Terre Colony	2759	X
Southwest	608	BMS	Bills Plastics Inc	NO	NO		2107 Sylvan	3089	Y
Northwest	712	BMS	C K S Packaging Inc	NO	NO		2818 Merrell Rd	3085	Y

Southwest	944	BMS	Consolidated Container Co	NO	NO		4525 Joseph Hardin # 101	3082	Y
Southeast	1003	BMS	Crane & Associates Inc,R R	NO	NO		3412 Dildo	3089	Y
Southwest	1279	BMS	Dolco Packaging Corp	NO	NO		4700 S Westmoreland Rd	3089	Y
Northwest	1333	BMS	E & D Plastics Inc	NO	NO		1010 E Levee St	3089	Y
Southwest	1557	BMS	Foam Packaging Inc	NO	NO		3101 Hansboro	3086	Y
Southeast	1848	BMS	Hilex Poly	NO	NO		12118 Corporate Dr	3089	Y
Northwest	2201	BMS	Lake Rubber Stamp & Engr	NO	NO		2317 Farrington	3953	Y
Southwest	2360	InfoSource	Makit Products Inc	NO	NO		4510 Duncanville Rd	3999	Y
Southwest	2874	BMS	Plastic Suppliers Inc	NO	NO		4526 Bronze Way	3081	Y
Northwest	3105	BMS	Rehrig Pacific Co	NO	NO		625 W Mockingbird Ln	3089	Y
Northwest	3540	BMS	T O L Signs & Graphics Inc	NO	NO		10290 Monroe # 104	3089	Y
Northwest	3668	InfoSource	Thermal Windows Inc	NO	NO		8808 Empress Row	3089	Y
Southwest	3669	InfoSource	Therm All Insulation	NO	NO		3605 La Reunion Pkwy	3296	Y
Southwest	3672	InfoSource	Thermo-Serv/Betras	NO	NO		3901 Pipestone Rd	3089	Y
Northwest	4003	BMS	Williams Products Inc	NO	NO		9236 King Arthur	3086	Y
Southwest	4008	BMS	Wilsonart International Inc	NO	NO		4051 La Reunion # 140	3081	Y
Southeast	5378	SWMS	B & B Sign Systems	NO	NO		2401 Hickory	3993	Y
Northwest	5383	SWMS	Artografx Inc	NO	NO		2611 Andjon	3993	Y
Northeast	5395	SWMS	Hightech Signs	NO	NO		10660 Plano Rd. # 118	3993	Y
Northwest	5425	SWMS	Neon of Dallas	NO	NO		1317 Chemical St	3993	Y
Northwest	5746	SWMS	Tekni-Kut Corporation	NO	NO		3441 Halifax Street	3089	Y
Northwest	6495	SWMS	Giant Signs Co.	NO	NO		11226 Ables Ln	3993	Y
Southwest	6526	SWMS	EZFLOW LP	NO	NO		5050 Duncanville Rd	3280	Y
Southwest	6835	SWMS	Storopack, Inc.	NO	NO		5050 Duncanville Road	3086	Y
Northeast	6885	SWMS	Plastipak Packaging, Inc	NO	NO		10409 Sanden Drive	3089	Y
Northeast	6895	SWMS	Laddawn, Inc.	NO	NO		11240 Petal Street	3089	Y
NO	10466	SWMS	Foam Packagin	NO	NO		2401 W Commerce St	3086	Y
Northeast	9697	D&B SCREENED	Diamond Golf Inc	NO	NO		10100 N Cntl Expy Ste 600	3949	Y
Northeast	850	InfoSource	City Sign Services Inc	NO	NO		3914 Elm St	3993	
Northeast	959	InfoSource	Controls International	NO	NO		10410 Vista Park Rd	3822	
Northwest	1655	InfoSource	Genti Studios Inc	NO	NO		1825 W Mockingbird Ln	2759	
Northwest	1806	InfoSource	Harry Bock Co Inc	NO	NO		6019 Berkshire Ln # 200	3911	
Northeast	1990	InfoSource	Iron Horse Safety Specialtie	NO	NO		11410 Pagemill Rd	2326	
Northwest	2037	InfoSource	Jaden Fabrics Inc	NO	NO		2625 Brenner Dr	2396	
Southwest	2810	InfoSource	Peacock Alley Inc	NO	NO		2050 Postal Way	2392	
Southeast	2885	InfoSource	Pollard Plastics Corp	NO	NO		636 3rd Ave	3993	
Southeast	3006	InfoSource	Quality Bumper Service of I	NO	NO		1155 S Haskell Ave	5013	
Northwest	4680	InfoSource	Countertops Etc	NO	NO		4751 Algiers St	1799	
Northwest	5013	InfoSource	Performance Specialty Serv	NO	NO		2154 Irving Blvd	2796	

Northeast	5112	TRI	OLIVER SALES CO	NO	NO		13445 FLOYD CIR	5169	
Northwest	5119	BMS	Texas Plastic Sign Co	NO	NO		2312 Fabens	3993	
Southeast	5123	BMS	Fortune Plastic & Metal	NO	NO		3333 E Kiest	5093	
Northwest	5124	BMS	Royal Granitops Inc	NO	NO		109 Manufacturing	5032	
Northeast	5125	BMS	U Haul Center	NO	NO		11383 Amanda	4225	
Northwest	5156	BMS	Art Dallas Inc	NO	NO		2325 Valdina	5999	
Northwest	5166	InfoSource	Billy D Cox Truck Leasing In	NO	NO		10606 Goodnight Ln	4213	
Southwest	5183	InfoSource	Frito-Lay	NO	NO		3420 Duncanville Rd	2096	
Northwest	5192	InfoSource	Mary Kay Inc	NO	NO		2213 Connector Dr	4226	
Northwest	5204	InfoSource	Southwestern Medical Cent	NO	NO		4600 Harry Hines Blvd	5999	
Northwest	5213	SWMS	A & A Leasing	NO	NO		2515 IRVING BLVD	4121	
Northwest	5220	SWMS	B C W Industries	NO	NO		6021 CEDAR SPRINGS	2045	
Northeast	5239	SWMS	DART East Dallas Bus Facilit	NO	NO		4127 ELM ST	4111	
Southeast	5241	SWMS	DART Light Rail & Vehicle Fa	NO	NO		3021 OAK LN	4111	
Northwest	5243	SWMS	DART Northwest Bus Facilit	NO	NO		2424 WEBB CHAPEL EXT	3411	
Southeast	5244	SWMS	DART South Oak Cliff Bus Fa	NO	NO		3422 E Kiest Blvd	4225	
Southwest	5253	SWMS	First Choice Pallets	NO	NO		5623 LEDBETTER	2448	
Southwest	5262	SWMS	Lockheed Martin Missiles &	NO	NO		9314 W JEFFERSON BLVD	3761	
Southwest	5264	SWMS	Magellan Midsream Partne	NO	NO		4200 SINGLETON BLVD	4613	
Northwest	5268	SWMS	Mirage Auto Sales	NO	NO		2515 IRVING BLVD	4121	
Southwest	5281	SWMS	Real Stone Granite, Marble	NO	NO		3506 SINGLETON BLVD	3281	
Southwest	5291	SWMS	Ted Alvarez Trucking	NO	NO		5520 CRYSTAL LAKE BLVD	4212	
Southwest	5314	SWMS	Fujikoki America	NO	NO		4041 Bronze Way	3714	
Northwest	5318	SWMS	Paper Tubes & Sales Wareh	NO	NO		1606 Hinton St	2665	
Northwest	5319	SWMS	Paper Tubes & Sales Wareh	NO	NO		1616 Hinton St	2665	
Southeast	5336	SWMS	Bishop Companies	NO	NO		224 N. Corinth	5013	
Southwest	5348	SWMS	A Sign	NO	NO		2410 Brooklyn av	3993	
Southwest	5362	SWMS	Dallas Police Auto Pound	NO	NO		1955 Vilbig	5012	
Northwest	5385	SWMS	American Bullnose Co of Te	NO	NO		2750 Northaven Rd Ste110	3281	
Northwest	5465	SWMS	Frosted Art Bakery & Studio	NO	NO		1546 Edison St	2051	
Northwest	5507	SWMS	Weir Bros., Inc.	NO	NO		10721 Luna Rd	4000	
Southwest	5516	SWMS	Fligo Oil Company	NO	NO		5021 Bernal Ave	5172	
Northeast	5522	SWMS	Dallas Stage Scenery	NO	NO		3917 Willow	5799	
Southwest	5558	SWMS	Lone Star Consolidated Foo	NO	NO		1727 Beckley	2052	
Southwest	5561	SWMS	Signs Manufacturing Corp.	NO	NO		4610 Mint Way	3993	
Southwest	5602	SWMS	Earth Stone	NO	NO		2715 Bataan St	3281	
Northeast	5619	SWMS	Coats Aloe International Inc	NO	NO		9660 Dilworth Rd	2844	
Northwest	5819	InfoSource	Valdez Custom Works Inc	NO	NO		1737 E Levee St	2511	
Northwest	5826	InfoSource	Cuderm Corp	NO	NO		2929 Carlaw St Ste 380	2844	

Southeast	5864	InfoSource	Taxco Transportation Co	NO	NO		1718 S Good Latimer Expy	4212	
Southwest	5891	InfoSource	Krestmark Industries, LP	NO	NO		3950 Bastille Rd # 100	3442	
Northwest	5893	InfoSource	Nicholson Metal Fabricator	NO	NO		5127 Mercantile Row	3444	
Southwest	5904	InfoSource	Ingersoll-Rand Co	NO	NO		4310 Adler Dr Ste 200	3561	
Northwest	5918	InfoSource	Noritake Electronics	NO	NO		2454 Dallas Trademark	3679	
Northwest	6071	InfoSource	Connexperts	NO	NO		660 Preston Rd 214	3577	
Northwest	6107	InfoSource	Tekni Kut Corp	NO	NO		3441 Halifax St	5087	
Northwest	6136	InfoSource	Buzz Print	NO	NO		1850 Empire Central	2752	
Southeast	6151	InfoSource	Mhc Kenworth South Dallas	NO	NO		34661 Lbj Fwy	3519	
Northwest	6152	InfoSource	Super Lopez Food Products	NO	NO		9727 Brockbank Dr	2096	
Northwest	6195	InfoSource	Joules Angstrom U V Printing	NO	NO		10748 N Stemmons Fwy	2899	
Northwest	6210	InfoSource	Mid-America Recycling Co	NO	NO		1100 NE 23 St	2611	
Southwest	6232	InfoSource	Commerce Management	NO	NO		635 Fort Worth Ave	3599	
Northwest	6234	InfoSource	Dart	NO	NO		2424 Webb Chapel Ext	4111	
Northwest	6236	InfoSource	Hawk Solutions	NO	NO		11242 Indian Trl	3999	
Northwest	6310	InfoSource	Custom Workroom Services	NO	NO		1307 Medical District Dr	2391	
Northwest	6334	InfoSource	Standard Controls Inc	NO	NO		9125 Viscount Row	3613	
Northwest	6472	SWMS	Emergency Ice	NO	NO		8700 Diplomacy Rd		
Southeast	6503	SWMS	Corder Manufacturing	NO	NO		10421 CF Hawn Fwy		
Northwest	6514	SWMS	Teledyne Storm Products	NO	NO		345 Regal Row		
Northwest	6515	SWMS	Moulding Products	NO	NO		1222 Profit Dr		
Northwest	6715	SWMS	All Day Industrial Painting Inc	NO	NO		2605 Brenner Dr.	3479	
Northwest	6735	SWMS	Stonetex	NO	NO		11455 Newkirk Suite # 1414	3281	
Northwest	6765	SWMS	Texas Offset Printing, LP	NO	NO		6730 Oakbrook Blvd	2752	
Northeast	6785	SWMS	Best Cabinetry, LLC	NO	NO		11560 Chairman Drive	2521	
Southwest	7306	SWMS	RSI- Pierce Street Facility	NO	NO		2841 Pierce St.	2434	
Northeast	3219	BMS	Sanden Vendo America	YES	NO		10710 Sanden	3581	AB
Northeast	1095	BMS	D R S Infared Technologies	YES	NO		13544 N Central Expy	3827	AC
Northeast	1347	BMS	Eagle Circuits Inc	YES	NO		10820 Sanden	3672	AC
Northeast	1654	BMS	Genlyte Controls	YES	NO		10911 Petal	3648	AC
Northwest	1844	BMS	SPX Transformer Solutions	YES	NO		9011 Governors Row	3699	AC
Northeast	3081	BMS	Raytheon Systems Co	YES	NO		13510 N Central Expy	3679	AC
Northwest	3954	BMS	Wal Mart Optical Lab	YES	NO		9029 Directors Row	3851	AC
Northeast	5457	SWMS	Texas Instruments - North	YES	NO		13500 N Central Expressway	3674	AC
Southwest	229	InfoSource	Airgas Inc	YES	NO		3415 Banning St	2813	C
Northeast	1081	BMS	D A P Inc	YES	NO		13555 Jupiter Rd	2891	C
Northwest	2088	BMS	Jones Blair Co	YES	NO		2728 Empire Central	2851	C
Northwest	2401	BMS	Mary Kay Inc	YES	NO		1330 Regal Row	2844	C
Southwest	2846	BMS	Pierce Chemicals Royal Bon	YES	NO		4722 Bronze Way	2869	C

Northwest	3976	BMS	Wellmark International	YES	NO		12111 Ford Rd	2899	C
Southwest	679	BMS	Buckley Oil Co	YES	NO		1809 Rock Island St	5171	P
NO	11716	SWMS	J A M Distributing	YES	NO		3330 Duncanville Rd.	5171	P
Southeast	2517	InfoSource	Borden	YES	NO	YES	5327 S Lamar St	2024	U
Southeast	3233	BMS	Schepps Dairy Inc	YES	NO	YES	3114 S Haskell	2026	U
Southwest	3783	BMS	Tyson Prepared Foods	YES	NO	YES	4114 Mint Way	2013	U
Southwest	6795	SWMS	Reddy Ice Corporation	YES	NO	YES	4320 Duncanville Road	2097	U
Northwest	5702	SWMS	Future Foam, Inc.	YES	NO		2855 Century Street	3086	Y
Northwest	5046	TRI	LUXOTTICA OPTICAL MANU	YES	NO		2465 JOE FIELD ROAD	3827	
Southwest	5057	TRI	HARCROS CHEMICALS INC	YES	NO		2627 WEIR ST	5169	
Northeast	5094	TRI	AIR LIQUIDE ELECTRONICS	YES	NO		13546 N CENTRAL EXPRESSWA	5169	
Northwest	5110	TRI	ROYAL CHEMICAL CO	YES	NO		2851 REWARD LN	2841	
Northeast	5146	BMS	Univar Inc	YES	NO		10889 Bekay St	5169	
Southwest	5147	BMS	Univar USA Inc.	YES	NO		3636 Dan Morton	5169	
Northwest	5313	SWMS	EMF Company	YES	NO		106 Regal Row	3499	
Southwest	6219	InfoSource	Overwraps Packaging Inc	YES	NO		3950 La Reunion Pkwy	3089	
Northwest	7005	TRI	Maxim Integrated Products	YES	NO		4350 S Beltwood Parkway		
District	SWMS FACILITY ID	DATA SOURCE	COMPANY NAME ALIAS	SARA313	HIGH RISK	High Bacteria Potential	PHYSICAL ADDRESS	PRIMARY SIC	TCEQ SECTOR

Non-TPDES Sites Removed from Database

Northwest	8	BMS	C & M Marine Aviation Svcs Inc	NO	NO		7515 Lemmon Ave # HNGR E	3728	AB
Northwest	31	InfoSource	Piedmont Hawthorne Aviation LCC dba Lanadmark Aviation Services	NO	NO		8321 Lemmon Ave	4581	S
Southwest	50	BMS	Vought Aircraft Industries Inc	NO	NO		9314 W Jefferson Blvd	3721	AB
Northwest	52	BMS	Tindall Record Storage	NO	NO		930 Metro Media Pl # 2	4226	P
Southwest	95	BMS	A B C Waste Co Inc	NO	YES		2031 Quarry	5093	K L
Southeast	214	InfoSource	Air Products & Chemicals Inc	YES	YES		8201 S Central Expy	2813	C
Northwest	313	BMS	American Box & Crating Inc	NO	NO		1630 Prudential	2449	A
Northwest	320	BMS	American Foam Rubber	NO	NO		4909 Lakawana	3089	Y
Northwest	337	InfoSource	American Pcb Co	NO	NO		10859 Shady Trl Ste 109	3672	AC
Northwest	394	BMS	Archer Daniels Midland	NO	YES	YES	9965 Monroe	2062	U
Northwest	415	BMS	Arte De Arquitectura De Mexico	NO	NO		2033 E Levee St	3446	AA
Southwest	599	BMS	Big D Auto Wreckers Inc., dba Big D Auto Parts	NO	YES		1623 E 8th	5015	M
Northeast	625	BMS	Blue Star Storage Dallas	NO	NO		17613 Coit Rd	4225	P
Northwest	654	BMS	Bridge Terminal Transport Inc	NO	NO		6814 Harry Hines Blvd	4212	P
Southeast	689	BMS	Buses By Bill Inc	NO	NO		1336 Centerville	4141	P
Northwest	701	BMS	C & F Tooling Inc	NO	NO		11126 Shady Trl # 104	3089	Y

Northwest	794	InfoSource	Chandler Signs LLP	NO	NO		3201 Manor Way	3993	
Northwest	905	BMS	Color Express	NO	NO		2707 N Stemmons Fwy # 185	2759	X
Northwest	938	BMS	Con Way Southern Express	NO	NO		5020 Calvert	4212	P
Southeast	945	BMS	Consolidated Fabricators Inc	NO	YES		3440 Fordham	3443	AA
Southwest	948	BMS	Constar International	NO	NO		1421 Cockrell Hill	3085	Y
Southwest	1006	InfoSource	Crash Rescue Equipment Service	NO	NO		3912 W Illinois Ave	3711	AB
Northeast	1009	BMS	Creative Fragrances Ltd	NO	NO		10850 Sanden	2844	C
Southeast	1149	BMS	Alejandro Dominguez dba Dallas Pallet Recycling	NO	NO		6512 S Loop 12	2448	A
Southeast	1219	InfoSource	Delmar Disposal Co Inc	NO	NO		8508 C F Hawn Fwy	4953	K
Southwest	1224	InfoSource	Delta Industries Inc	NO	NO		1300 S Polk St	3585	AB
Southwest	1330	BMS	Dynamic Printers Inc	NO	NO		108 S Beckley Ave	2759	X
Northeast	1339	BMS	E M Solutions LLC	NO	NO		10810 Alder Cir	3679	AC
Southeast	1353	BMS	East Dallas Printing	NO	NO		9051 Garland Rd	2752	X
Southwest	1381	BMS	Electrolux Home Products	NO	NO		3601 Pinnacle Point Dr # 200	4225	P
Northwest	1451	BMS	Executive Golden & Taxi Dallas	NO	NO		3131 Halifax	4121	P
Northwest	1468	BMS	Fabiricon Inc	NO	NO		8804 Chancellor Row	3599	AB
Northeast	1520	BMS	Finley Shirts	NO	NO		3901 Main St # A	2339	V
Northwest	1546	BMS	Flexpro	NO	NO		1745 E Levee St	2796	X
Southwest	1555	BMS	Floyette Originals	NO	NO		1611 W Pentagon Pkwy	2353	V
Southwest	1561	BMS	Forbo Adhesives	NO	NO		4920 Gold Rd	2891	C
Northwest	1574	InfoSource	Foxtronics Inc	NO	NO		3448 W Mockingbird Ln	3812	AC
Northwest	1619	BMS	G P Plastics Corp	NO	NO		904 Regal Row	3082	Y
Southwest	1742	BMS	Grinding Specialties Inc	NO	NO		4580 Brass Way	3599	AB
Southeast	1804	BMS	Harris Sheet Metal Inc	NO	NO		215 Turin	3444	AA
Northwest	1816	BMS	Health Care Interiors Ltd	NO	NO		10649 Shady Trl	2391	V
Northwest	1991	BMS	Iron Mountain Conf Destruction Service	NO	NO		3132 Iron Ridge	4226	P
Southwest	2010	BMS	J & R Recycling	NO	YES		2700 Sylvan	5015	M
Northwest	2038	BMS	Jadtis Industries	NO	NO		8500 Sovereign Row	3312	F
Northwest	2051	InfoSource	Jant Bakery Inc	NO	NO	YES	10836 Grissom Ln #106	2051	U
Northwest	2095	BMS	Joyce Engraving Co Inc	NO	NO		1262 Round Table	3479	AA
Northwest	2102	InfoSource	Jus Made LP	NO	NO	YES	9761 Clifford Dr Ste 100	2087	U
Northwest	2112	BMS	K W Printing	NO	NO		1467 Prudential	2759	X
Northwest	2113	BMS	Kalogridis International	NO	NO		4819 Maple Ave	2273	V
Northwest	2119	BMS	Kebrle Stained Glass Studio,J	NO	NO		2829 Bachman Dr	3231	E
Northwest	2127	BMS	Kennedy Machine & Mfg Inc	NO	NO		11152 Shady Trl	3599	AB
Northwest	2198	BMS	Labor Techtronics	NO	NO		11145 Shady Trl	3679	AC
Northwest	2291	BMS	Lone Star Fabricating Inc	NO	NO		4802 Norma	3444	AA

Northwest	2355	BMS	Mail Contractors Of America	NO	NO		2936 Irving Blvd	4213	P
Northwest	2404	InfoSource	Massoud Custom Furniture Inc	NO	NO		900 Dragon St	2512	W
Northwest	2434	BMS	McGuire Print & Graphics	NO	NO		1630 Prudential	2752	X
Southwest	2446	InfoSource	Baylor Health Services	NO	NO		8757 Autobahn Dr Ste 100	2434	W
Northwest	2489	BMS	Metropolitan Newsletter	NO	NO		6400 Maple Ave # 850	2741	X
Southeast	2516	BMS	Military Sheet Metal Specialty	NO	NO		7880 Carr	3444	AA
Southeast	2520	BMS	Miller Sheet Metal & Mfg	NO	NO		7877 Carr	3444	AA
Northwest	2557	BMS	Montiac Motorsports	NO	NO		2630 Myrtle Springs Ave # 400	3714	AB
Northwest	2559	InfoSource	Moore Disposal Corp	NO	NO		2128 Hawes Ave	4953	K
Northwest	2585	InfoSource	Mr Nams Foods Inc	NO	NO	YES	3435 Jane Ln	2032	U
Northwest	2689	BMS	O & P Designs	NO	NO		10525 Newkirk # 260	3842	AC
Northeast	2731	InfoSource	Optical Machinery Inc	NO	NO		9641 Wendell Rd	3827	AC
Northwest	2764	InfoSource	P R I Super Blue Technology	NO	NO		10954 Shady Trl	2759	X
Southeast	2777	InfoSource	Pallet Repair Services Inc	NO	NO		3730 E Overton Rd	2448	A
Southwest	2843	BMS	Phoenix Industries	NO	NO		409 N Zang	2819	C
Southeast	2849	BMS	Pilgrims Pride Foods	NO	NO	YES	2411 Ferris	2015	U
Northwest	2961	BMS	Progressive Vision Tech	NO	NO		11034 Shady Trl # 106	3827	AC
Northwest	2963	BMS	Proliance International Inc	NO	NO		5522 Maple Ave	3714	AB
Northeast	3003	BMS	Quackerbox Creations	NO	NO		11320 Pagemill	2759	X
Southwest	3012	BMS	Quality Logistics Services Inc	NO	NO		3801 Pinnacle Point Dr # 100	4225	P
Northwest	3052	BMS	R T D Custom Millwork Inc	NO	NO		8909 Chancellor Row # A	2434	W
Southwest	3094	BMS	Reddy Ice Inc	NO	NO	YES	4320 Duncanville Rd	2097	U
Northwest	3127	InfoSource	Rideout Framing Inc	NO	NO		122 Glass St	2499	A
Northwest	3135	BMS	Rmax Inc	NO	NO		13524 Welch Rd	3296	E
Northwest	3154	InfoSource	Rock-Tenn Co	NO	NO		9233 Denton Dr	4953	K
Northwest	3190	BMS	Rudys Food Products Inc	NO	NO	YES	9219 Viscount Row	2099	U
Northwest	3318	BMS	Sir Speedy Printing Center	NO	NO		1451 Empire Central Dr # 103	2759	X
Southeast	3366	InfoSource	Southwest Feed Mills Inc	NO	NO	YES	8131 Scyene Rd	2048	U
Southwest	3397	BMS	Spirit Brands Inc	NO	NO		3809 Pipestone	3089	Y
Northwest	3424	BMS	Starks Printing	NO	NO		11105 Shady Trl # 101	2759	X
Northwest	3439	InfoSource	Stewart & Stevenson Power	NO	NO		1631 Chalk Hill Rd	3561	AB
Northwest	3469	BMS	Stowaway Self Storage	NO	NO		3399 Shelia Ln	4225	P
Northwest	3536	BMS	T D Engraving Services Inc	NO	NO		11105 Shady Trl # 112	3479	AA
Northwest	3613	BMS	Texas Electronics Inc	NO	NO		5529 Redfield	3812	AC
Northwest	3731	BMS	Travel Host	NO	NO		10701 N Stemmons Fwy	2721	X
Northeast	3818	BMS	Uncle Bobs Self Storage	NO	NO		8555 Manderville Ln	4225	P
Northwest	3955	BMS	Wall Street Journal,The	NO	NO		1233 Regal Row	2711	X
Northwest	3957	BMS	Walls Printing Co	NO	NO		3942 Irving Blvd	2759	X
Northeast	3972	InfoSource	Webb Technology Inc	NO	NO		11411 Plano Rd	3599	AB

Northwest	3975	InfoSource	Welch Military Packaging Splys	NO	NO		4949 Sharp St Ste 101	2674	B
Southwest	3979	BMS	West Pak Inc	NO	NO		4111 Platinum Way	2671	B
Northwest	3998	BMS	Wildman Art Framing	NO	NO		1505 Hi Line	2499	A
Northwest	4006	BMS	Williamson Printing Corp	NO	NO		6700 Denton Dr	2752	X
Southwest	4022	BMS	Wood Etc Corp	NO	NO		131 Yorktown	2531	W
Northwest	5122	BMS	P E T Net Pharmaceutical	NO	NO		1350 Manufacturing # 105	3841	
Northwest	5176	InfoSource	Ben E Keith Co Budweiser	NO	NO		1805 Record Crossing Rd	5181	
Northwest	5196	InfoSource	Parkland Memorial Hospital	NO	NO		5201 Harry Hines Blvd	8160	
Southwest	5323	SWMS	Longhorn Fabrication & Design, Inc.	NO	NO		2919 Hansboro Ave	3944	Y
Southwest	5344	SWMS	Fed Ex	NO	NO		411 W Commerce	4513	S
Northwest	5392	SWMS	Edwards & Patterson Signs	NO	NO		4733 Don Dr	3993	Y
Northeast	5398	SWMS	General Sign Inc.	NO	NO		10737 Presidential Dr	3993	Y
Northwest	5472	SWMS	APAC - Texas, Inc. Gribble Plant	NO	YES		11050 Luna Road	2951	D
Southeast	5519	SWMS	Master Signs	NO	NO		3915 Crest Hill	3993	
Northwest	5520	SWMS	Menendez Artistic Marble & Granite Inc.	NO	NO		2604 Myrtle Springs	3281	E
Northwest	5523	SWMS	Green Valley Food Corp	NO	NO	YES	1501 Market Center Blvd	2091	U
Southeast	5546	SWMS	Shipp Rebuilders Supply, Inc	NO	NO		5430 Parkdale Blvd	3714	AB
Southwest	5552	SWMS	Continental Cabinets Manufacturing, Inc.	NO	NO		5800 W Kiest Blvd	2434	W
Northwest	5612	SWMS	Universal Contact Lens	NO	NO		1720 Regal Row # 212	3851	AC
Northwest	5622	SWMS	Luna's Tortillas Inc.	NO	NO		8524 Harry Hines Blvd	2099	
Northwest	5653	SWMS	Reeves Street L.L.C. - Hangar Facility	NO	NO		2750 Burbank St	4522	S
Southwest	5687	SWMS	DFW Grating, Inc.	NO	NO		2525 Sea Harbor	3446	
Northwest	5690	SWMS	Quality Stone Design	NO	NO		10240 Bickham #400	3281	E
Southwest	5694	SWMS	Bonsai American	NO	NO		2341 Langford Street	3299	
Northwest	5696	SWMS	Five Star Granite & Marble	NO	NO		10230 Bickham #200	3281	E
Northwest	5699	SWMS	Brad Oldham	NO	NO		2603 Farrington Street	3446	
Northeast	5992	InfoSource	Canyon Specialty Foods Inc	NO	NO		11035 Switzer Ave	2032	
Northwest	6096	InfoSource	Art Potter Metal Studios Inc	NO	NO		4827 Memphis St	3446	
Southwest	6196	InfoSource	Laminate Works Inc	NO	NO		3910 La Reunion Pkwy	2493	
Northwest	6428	SWMS	34 Oaks Fine Cabinetry	NO	NO		10845 Denton Dr		
Southeast	6554	SWMS	Gabby Hall Auto	NO	YES		8365 C F Hawn Frwy	5015	M
Southeast	6573	SWMS	Uncle Bob's Self Storage	NO	NO		3333 N Buckner Rd	4225	P
Southeast	6675	SWMS	Shippers Warehouse Inc.	NO	NO		1201 Big Town	4226	p
Southwest	6796	SWMS	Bonsai American, Inc. DBA Gem Seal of Texas Inc.	NO	YES		3111 W. Saner Ave.	2951	D
Northwest	6888	SWMS	Vista Pro Automotive	NO	NO		5522 Maple Ave.	3714	AB

Northwest	7025	SWMS	La Crème Coffee and Tea	NO	NO	YES	438 W. Mockingbird Lane	2099	U
Northwest	7107	SWMS	E. H. Brokerage	NO	NO		1539 Round Table Drive	3672	AC
Southeast	7156	SWMS	D-Town Auto Recycling	NO	YES		10815 C. F. Hawn Freeway	5015	N
Northwest	7235	SWMS	Vargas Trucking	NO	NO		4807 Don Drive	4213	P
Southeast	7255	SWMS	Don Poteet	NO	YES		14830 Kleberg Road	5015	M
Northwest	7386	SWMS	Moore Disposal Maintenance	NO			6814 Harry Hines Blvd	4225	P
Northwest	7600	D&B SCREENED	Fdx Delivery Service LLC	NO			1111 Regal Row	4212	P
Southwest	8080	D&B SCREENED	Tbac-Prince Gardner Inc	NO			3631 W Davis St Ste A	3111	Z
Southwest	8081	D&B SCREENED	Masco Cabinetry LLC	NO			4039 Rock Quarry Rd	2434	W
Northwest	8161	D&B SCREENED	REO Publishing LLC	NO			1909 Woodall Rgrs Fwy	2741	x
Northwest	8631	SWMS	Creations global retail	NO			11937 Denton Dr.	3089	Y
Northwest	8706	SWMS	Innovation Marble & Remodeling Inc.	NO			3418 Doug Dr	3281	E
Northwest	8937	SWMS	Relogistics Services	NO			6909 Harry Hines Blvd	4212	P
Southwest	9006	SWMS	H. B. Fuller	NO			4920 Gold Rd	2891	C
Northeast	9026	SWMS	One Source Group Inc	NO			10810 Alder Cir	3679	AC
Northeast	9176	SWMS	Village Baking Co	NO		YES	5531 E University Blvd	2051	U
Northwest	9259	SWMS	Gibson Energy, LLC	NO			2936 Irving Blvd.	4213	P
Northwest	9267	SWMS	Genuine Letterpress, Inc.	NO			2608 Hawes Ave	2675	B
Northwest	9276	SWMS	Varieon	NO			2035 Royal Ln # 290	3577	22f
Northwest	9278	SWMS	NAP GLADU	NO			4647 Leston Ave	3545	AB
Northwest	9296	SWMS	Associated Air Center	NO			7201 Lemmon Ave	3721	S
Northwest	9357	SWMS	Aircraft Custom Interior LLC	NO			2777 Irving Blvd suite #112	2499	A
Southeast	9426	1	Seaman Polymers	NO			12750 Perimeter #154	3089	Y
Northwest	9537	SWMS	Duvi Tile and Coping	NO				3281	
Northwest	9557	SWMS	Kwik Boost	NO			4819 Woodall St.	3629	AC
Northwest	9586	SWMS	Pennco Container Inc	NO			4924 Reading	2759	X
Southeast	9607	SWMS	AA Dallas Auto Salvage, Inc.	NO			10457 Skyfrost Dr	5015	M
Southwest	9656	SWMS	PI Premier Installations	NO			4078 Shilling Way	2434	W
Southwest	10337	D&B SCREENED	International Multifoods	NO		YES	5225 Investment Dr	2038	U
NO	10457	SWMS	Southwest Bottling & Co-Packing, LLC	NO	NO	YES	9761 Clifford Dr Ste 100	2087	U
Northwest	10604	DUNS & Bradsheet	Petnet Solutions Inc	NO			1350 MFG DR STE 105	2835	C
Northwest	10625	DUNS & Bradsheet	Coca-Cola Refreshments USA Inc	NO		YES	13727 NOEL RD STE 900	2086	U
Southeast	10634	DUNS & Bradsheet	Auto City Salvage	NO			13815 SKYFROST DR	5015	M
Southwest	10659	DUNS & Bradsheet	Jose Jacqueline Rincon	NO			1415 SANTA ELENA PLZ	3585	AB
Southwest	10670	DUNS & Bradsheet	H and B Trucking	NO			1423 RENNER DR	4212	P
Northwest	10713	DUNS & Bradsheet	Global Fnctonal Drinks USA LLC	NO		YES	200 CRESCENT CT STE 455	2086	U
Southwest	10926	SWMS	Quality Sausage Company	NO	NO	YES	1925 Lone Star Dr	2013	U

Northeast	11020	DUNS & Bradsheet	Sophie Eclectic Dump	NO			10424 PAGEWOOD DR	4212	P
Northeast	11037	DUNS & Bradsheet	Greenland Trucking LLC	NO			10602 STONE CANYON RD	4212	P
Northeast	11045	DUNS & Bradsheet	Kasti Trucking LLC	NO			10651 STEPPINGTON DR	4212	P
Northeast	11051	DUNS & Bradsheet	Pressure Pipe Inspection Co	NO			10725 SANDHILL RD	1389	I
Northeast	11052	DUNS & Bradsheet	Monitor Systems	NO			10737 COLEWOOD LN	3812	AC
Northwest	11053	DUNS & Bradsheet	Usplabs LLC	NO		YES	10761 KING WILLIAM DR	2023	U
Northeast	11055	DUNS & Bradsheet	Texas Discount Carbide LLC	NO			10860 SWITZER AVE STE 108	2819	C
Northeast	11060	DUNS & Bradsheet	Gridworx	NO			10980 ALDER CIR	3273	E
Northwest	11084	DUNS & Bradsheet	Community Coffee Company LLC	NO		YES	1140 INWOOD RD	2095	U
Northeast	11094	DUNS & Bradsheet	Eis Lighting Ltd	NO			11444 PARKCHESTER DR	3641	AC
Northwest	11099	DUNS & Bradsheet	Dehler Manufacturing Co Inc	NO			1151 EMPIRE CENTRAL DR	2514	W
Northwest	11117	DUNS & Bradsheet	Nature S Nutritional Labs LLC	NO		YES	11700 PRESTON RD	2023	U
Northeast	11121	DUNS & Bradsheet	BCI Aviation LLC	NO			11711 SAINT MICHAELS DR	4581	S
Northeast	11128	DUNS & Bradsheet	Abraham Limousine Service	NO			11810 LEISURE DR	4119	P
Northeast	11130	DUNS & Bradsheet	Direct Electrodes & Tens LLC	NO			11837 JUDD CT	3599	AB
Southeast	11139	DUNS & Bradsheet	Texas Libertarian Pubg LLC	NO			1202 GANO ST	2741	X
Southeast	11148	DUNS & Bradsheet	Big D Messenger Service Inc	NO			1214 S AKARD ST	4212	P
Northwest	11155	DUNS & Bradsheet	Teledyne Reynolds Inc	NO			1222 PROFIT DR	3357	F
Northeast	11186	DUNS & Bradsheet	Kenneth Scott Sword & Assoc	NO			13027 BURNINGLOG LN	3421	AA
Southeast	11193	DUNS & Bradsheet	Daniel Rogers	NO			13223 FISH RD TRLR 67	4212	P
Northwest	11195	DUNS & Bradsheet	Willie Elliott	NO			1327 EMPIRE CENTRAL DR	4141	P
Northwest	11197	DUNS & Bradsheet	Ambient Stage Lighting Inc	NO			1331 REGAL ROW STE 200	3648	AC
Northwest	11202	DUNS & Bradsheet	Red River Sand & Gravel Co Inc	NO			1341 W MOCKINGBIRD LN	1442	J
Northwest	11203	DUNS & Bradsheet	Premier Transportation Svcs Lc	NO			1341 W MOCKINGBIRD LN	4119	P
Northwest	11204	DUNS & Bradsheet	Txi Operations LP	NO			1341 W MOCKINGBIRD LN	3273	E
Northwest	11293	DUNS & Bradsheet	Sekisui Specialty Chem Amer LLC	NO			1501 LYNDON B JOHNSON FWY	2899	C
Northwest	11295	DUNS & Bradsheet	Martin Marietta Materials Inc	NO			1503 LYNDON B JOHNSON FWY	1423	J
Northwest	11303	DUNS & Bradsheet	Pure Inc	NO			1513 VICEROY DR	1382	I
Northwest	11322	DUNS & Bradsheet	Atlantis Trading Corporation	NO			1555 REGAL ROW	2337	V
Southeast	11342	DUNS & Bradsheet	Edc Palakkad Power Ltd	NO			1601 BRYAN ST	4911	
Southeast	11343	DUNS & Bradsheet	Edc Power Marketing Inc	NO			1601 BRYAN ST	4911	
Southeast	11344	DUNS & Bradsheet	Txu Properties Inc	NO			1601 BRYAN ST	4911	
Southeast	11345	DUNS & Bradsheet	Txu Energy Retail Company LLC	NO			1601 BRYAN ST	4911	
Southeast	11346	DUNS & Bradsheet	Oak Grove Management Co LLC	NO			1601 BRYAN ST	4911	
Southeast	11347	DUNS & Bradsheet	Txu United Kingdom Holdings Co	NO			1601 BRYAN ST	4911	

Southeast	11348	DUNS & Bradsheet	Txu Investment Company	NO			1601 BRYAN ST	4911	
Southeast	11349	DUNS & Bradsheet	Energy Future Intermediate	NO			1601 BRYAN ST STE 510	4911	
Northwest	11382	DUNS & Bradsheet	Daiquiris To Go	NO		YES	1622 MARKET CENTER BLVD	2082	U
Southeast	11485	DUNS & Bradsheet	Chaco Energy Company	NO			1601 BRYAN ST	1221	H
Southwest	11706	SWMS	Plated	NO	NO	YES	4910 Joseph Hardin	2099	U
Northwest	11736	SWMS	Andrews Distributing	NO	NO		2730 Irving Blvd	4226	P

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The Dallas City Code

**ARTICLE IX.
STORMWATER DRAINAGE SYSTEM.**

SEC. 19-118. DEFINITIONS.

In this article:

(1) **AGRICULTURAL STORMWATER RUNOFF** means any stormwater runoff from orchards, cultivated crops, pastures, range lands, and other non- point source agricultural activities, but does not include discharges from:

- (A) concentrated animal feeding operations as defined in 40 CFR Section 122.23; or
- (B) concentrated aquatic animal production facilities as defined in 40 CFR Section 122.24.

(2) **ANIMAL WASTE** means:

- (A) animal manure, litter, or bedding;
- (B) water that has contacted animal manure, litter, or bedding;
- (C) water from washing, flushing, or cleaning animal pens; and
- (D) liquid or solid waste from pens used at kennels, animal hospitals, poultry processing facilities, dairies, or rendering plants.

(3) **BEST MANAGEMENT PRACTICES** means schedules of activities, prohibitions of practices, local ordinances, maintenance procedures, structural controls, and other management practices that are implemented to prevent or reduce the discharge of pollutants into the stormwater drainage system, waters of the United States, or state water. Best management practices also include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

(4) **CFR** means the Code of Federal Regulations, as periodically amended.

(5) **CITY** means the city of Dallas, Texas.

(6) **COMMENCEMENT OF CONSTRUCTION** means the initial disturbance of soils associated with clearing, tree removal, demolition, grading, excavating, earth filling, or other construction activities.

(7) **COMMERCIAL** means used in connection with any business, trade, industry, or other business activity engaged in for profit.

(8) **CONSTRUCTION GENERAL PERMIT** means either the general NPDES permit issued by the EPA under 40 CFR Section 122.28, as amended, or the general TPDES permit issued by the TCEQ under Chapter 205, Title 30 of the Texas Administrative Code, as amended, that authorizes stormwater associated with construction activities to be discharged into waters of the

United States or state water, including any subsequent modifications or amendments to the permit, any renewals of the permit, and the associated EPA or TCEQ regulations.

(9) CONSTRUCTION SITE means a tract or parcel of land upon which commencement of construction has occurred, together with any adjacent areas used to access the construction site or to stage construction materials or equipment by easement, license agreement, lease agreement, or other written or verbal agreement. A construction site may include or be solely comprised of one or more platted lots, public rights-of-way, or easements.

(10) CONSTRUCTION SITE NOTICE means the notice required to be posted at a construction site by EPA or TCEQ regulations or by a construction general permit that states a description of the project, the name and contact information of the operator of the construction site, and the location of the stormwater pollution prevention plan for the construction site.

(11) DIRECTOR means the director of the department designated by the city manager to enforce and administer this article, or the director's duly authorized representative.

(12) DISCHARGE means any addition, introduction, release, or flow of any pollutant, stormwater, or other substance, whether separate or mixed, into the stormwater drainage system, waters of the United States, or state water. The term includes any spilling, leaking, pumping, pouring, emitting, emptying, escaping, leaching, dumping, disposing, or other type of release or discharge engaged in, caused, or permitted by a discharger.

(13) DISCHARGER means:

(A) any person who causes, allows, permits, or is otherwise responsible for a discharge, including but not limited to any operator of a construction site or industrial facility; or

(B) any owner or operator of a facility that is the source of a discharge.

(14) DOMESTIC WASTEWATER means the following types of wastewater when free from industrial waste:

(A) Water containing human excrement.

(B) Gray water from home clothes washing, bathing, showers, dishwashing, and food preparation, and other wastewater from household drains.

(C) Waterborne waste normally discharged from the sanitary conveniences of dwellings (including apartment houses and hotels), office buildings, factories, and institutions.

(15) DUST means particles of a substance with a particle diameter of 50 microns or less.

(16) EPA means:

(A) the United States Environmental Protection Agency;

(B) any federal department, agency, or commission that may succeed to the authority of the United States Environmental Protection Agency; and

(C) any duly authorized official of the United States Environmental Protection Agency or any successor agency.

(17) EXTREMELY HAZARDOUS SUBSTANCE means any substance listed in the appendices to 40 CFR Part 355, Emergency Planning and Notification.

(18) **FACILITY** means any building, structure, installation, equipment, vehicle, vessel, process, activity, construction site, or other property, real or personal, from which there is or may be a discharge.

(19) **FERTILIZER** means a solid or non-solid substance or compound that contains an essential plant nutrient element in a form available to plants, which substance or compound is used primarily for its essential plant nutrient element content in promoting or stimulating growth of a plant or improving the quality of a crop. The term includes a mixture of two or more fertilizers. The term does not include the excreta of an animal, plant remains, or a mixture of animal and plant remains, for which no claim of essential plant nutrient elements is made.

(20) **FINAL STABILIZATION** means the status of the ground when:

(A) all soil disturbing activities at a site have been completed; and

(B) either a uniform perennial vegetative cover with a density of 70 percent of the cover for unpaved areas and areas not covered by permanent structures has been established or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

(21) **FIRE DEPARTMENT** means the fire- rescue department of the city.

(22) **FIRE PROTECTION WATER** means water, including any substance or material contained in the water, that is used by a person other than the fire department to control or extinguish a fire.

(23) **GARBAGE** means that term as defined in Section 18-2(20) of this code.

(24) **GOVERNMENTAL ENTITY** means a state agency, county, school district, municipality, or other political subdivision of the state.

(25) **HARMFUL QUANTITY** means the amount of any substance that will cause pollution in the stormwater drainage system, waters of the United States, or state water.

(26) **HAZARDOUS SUBSTANCE** means any substance listed in Table 302.4 of 40 CFR Part 302.

(27) **HAZARDOUS WASTE** means any substance identified or listed as a hazardous waste by the EPA pursuant to 40 CFR Part 261.

(28) **HERBICIDE** means a chemical pesticide designed to control or destroy plants, weeds, or leaves of grass.

(29) **HOUSEHOLD HAZARDOUS WASTE** means any material generated in a household (including single and multiple residences, hotels and motels, bunk houses, ranger stations, crew quarters, camp grounds, picnic grounds, and day use recreational areas) by a consumer that, except for the exclusion provided in 40 CFR Section 261.4(b)(1), would be classified as a hazardous waste under 40 CFR Part 261.

(30) **INDIVIDUAL PERMIT** means either an individual NPDES permit issued by the EPA under 40 CFR Section 122.26, as amended, or an individual TPDES permit issued by the TCEQ under Chapter 205, Title 30 of the Texas Administrative Code, as amended, that authorizes stormwater from a construction site or industrial facility specifically identified in the permit to be discharged into waters of the United States or state water, including any subsequent

modifications or amendments to the permit, any renewals of the permit, and the associated EPA or TCEQ regulations.

(31) **INDUSTRIAL FACILITY** means a facility that is listed in 40 CFR Section 122.26(b) (14) or that is identified in a multi-sector general permit as being engaged in industrial activity.

(32) **INDUSTRIAL WASTE** means that term as defined in Section 49-1(49) of this code.

(33) **LANDFILL** means an area of land or an excavation owned and operated by the city:

(A) in which municipal solid waste is placed for permanent disposal; and

(B) that is not a land treatment facility, a surface impoundment, an injection well, or a pile, as those terms are defined in regulations promulgated by the TCEQ.

(34) **MG/L** means milligrams per liter.

(35) **MOTOR VEHICLE FLUID** means any vehicle crankcase oil, antifreeze, transmission fluid, hydraulic fluid, brake fluid, differential lubricant, gasoline, diesel fuel, gasoline/alcohol blend, or other fluid used in a motor vehicle.

(36) **MULTI-SECTOR GENERAL PERMIT** means either the general NPDES permit issued by the EPA under 40 CFR Section 122.28, as amended, or the general TPDES permit issued by the TCEQ under Chapter 205, Title 30 of the Texas Administrative Code, as amended, that authorizes stormwater from an industrial facility to be discharged into waters of the United States or state water, including any subsequent modifications or amendments to the permit, any renewals of the permit, and the associated EPA or TCEQ regulations.

(37) **MUNICIPAL SOLID WASTE** means that term as defined in Section 18-2(28) of this code.

(38) **NON-POINT SOURCE** means any source of discharge of a pollutant that is not a point source.

(39) **NOTICE OF CHANGE** means a written notification to the TCEQ required by EPA or TCEQ regulations or by the terms governing a multi-sector general permit or construction general permit, informing the TCEQ of changes to information that was provided in a notice of intent or prior notice of change.

(40) **NOTICE OF INTENT** means the notice of intent application form required by EPA or TCEQ regulations or by the terms governing a multi-sector general permit or construction general permit to obtain NPDES or TPDES permit coverage.

(41) **NOTICE OF TERMINATION** means the notice of termination required by EPA or TCEQ regulations or by the terms governing a multi-sector general permit or construction general permit to terminate NPDES or TPDES permit coverage.

(42) **NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT** means a permit issued by the EPA under 40 CFR Part 122, as amended, that authorizes the discharge of stormwater into waters of the United States.

(43) **OIL** means any kind of oil in any form, including, but not limited to:

(A) petroleum, fuel oil, crude oil, or any fraction of those oils that is liquid at standard conditions of temperature and pressure;

- (B) sludge;
- (C) oil refuse;
- (D) oil mixed with other waste;
- (E) animal fat, oil, or grease, including that of fish or marine mammals; and
- (F) vegetable oil, including oil from seeds, nuts, fruits, or kernels.

(44) OPERATOR means any person who, either individually or jointly with another person, has:

- (A) operational control over facility specifications or construction plans and specifications, including the ability to make modifications in the plans or specifications;
- (B) responsibility for the management of an industrial facility;
- (C) day-to-day operational control over those activities at a facility necessary to ensure compliance with pollution prevention requirements and any permit conditions, including compliance with a stormwater pollution prevention plan;
- (D) actual physical use or operation of, or supervision of the actual physical use or operation of, a facility; or
- (E) operational control that is limited to the employment of other operators.

(45) OWNER means any person who owns or has title, in whole or in part, to a facility that is the source of a discharge.

(46) PERSON means an individual; a private, public, or non-profit corporation; a partnership; an association; a limited liability company; a firm; an industry; a governmental entity; or any other legal entity.

(47) PESTICIDE means any substance or mixture of substances intended:

- (A) to prevent, destroy, repel, or mitigate any pest; or
- (B) for use as a plant regulator, defoliant, or desiccant, as those terms are defined in Section 76.001 of the Texas Agriculture Code, as amended.

(48) PETROLEUM PRODUCT means a petroleum product that is obtained from distilling and processing crude oil and that is capable of being used as a fuel for the propulsion of a motor vehicle or aircraft, including motor gasoline, gasohol and other alcohol-blended fuels, aviation gasoline, kerosene, distillate fuel oil, and Number 1 and Number 2 diesel. The term does not include naphtha-type jet fuel, kerosene-type jet fuel, or a petroleum product destined for use in chemical manufacturing or feedstock of that manufacturing.

(49) PETROLEUM STORAGE TANK means any one, or a combination of, aboveground or underground storage tanks that contain petroleum products, including any connecting underground pipes.

(50) pH means the logarithm (base 10) of the reciprocal of the hydrogen ion concentration of a solution that provides a relative measure of the acidity or alkalinity of the solution.

(51) POINT SOURCE means any discernable, confined, and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel, or other floating craft from which pollutants are or may be discharged. The term does not include return flows from irrigated agriculture or agricultural stormwater runoff.

(52) POLLUTANT means dredged spoil, dirt, mud, solid waste, incinerator residue, wastewater, garbage, wastewater sludge, munitions, chemical waste, chemical sludge, medical waste, biological materials, radioactive materials, hazardous waste, heat, wrecked or discarded equipment, rock, sand, yard waste, animal waste, industrial, municipal and agricultural waste discharged into water, and any other similar material or substance characterized by state or federal law or EPA or TCEQ regulations as a pollutant. The term does not include tail water or runoff water from irrigation or rainwater runoff from cultivated or uncultivated range land, pasture land, or farm land.

(53) POLLUTION means the alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any waters of the United States or state water that:

(A) renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property, or to the public health, safety, or welfare; or

(B) impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

(54) REPORTABLE QUANTITY means:

(A) for a hazardous substance, the quantity established and listed in Table 302.4 of 40 CFR Part 302; and

(B) for an extremely hazardous substance, the quantity established in 40 CFR Part 355 and listed in the appendices thereto, or Section 311 of the Clean Water Act as described in 40 CFR Section 117.3.

(55) REPRESENTATIVE STORM EVENT means a precipitation event that:

(A) results in one-tenth inch or more of precipitation, as measured by a rain gauge located within five miles of a construction site or industrial facility;

(B) occurs at least 72 hours after the preceding precipitation event that resulted in one-tenth inch or more of precipitation, as measured by the same rain gauge; and

(C) produces runoff sufficient to obtain a discharge sample.

(56) RUBBISH means nonputrescible solid waste, excluding ashes, that consists of:

(A) combustible waste material, including paper, rags, cartons, wood, excelsior, furniture, rubber, plastic, yard trimmings, leaves, and similar material; and

(B) noncombustible waste material, including glass, crockery, tin cans, aluminum cans, metal furniture, and similar material that does not burn at ordinary incinerator temperatures (1600 to 1800 degrees Fahrenheit).

(57) SECONDARY CONTAINMENT means a container or diversionary structure (such as a bulk storage container, tank, basin, or mobile or portable container) that is designed, installed,

and constructed to catch and contain spillage or leaks from a container that stores oil, used oil, petroleum products, or any pollutant.

(58) SEPTIC TANK WASTE means any domestic wastewater contained in or coming from a holding tank such as a vessel, chemical toilet, camper, trailer, or septic tank.

(59) SITE means the land or water area where any facility is physically located or conducted, including adjacent land used in connection with the facility.

(60) SOLID WASTE means any waste resulting from industrial, municipal, commercial, mining, and agricultural operations or from community and institutional activities, including but not limited to garbage; rubbish; refuse; sludge from a waste treatment plant, water supply treatment plant, or air pollution control facility; or other discarded material including solid, liquid, semi-solid, or contained gaseous material.

(61) SPECIFIC CONDUCTIVITY means the estimated dissolved solid contents in water, as reflected by the ability of the water to conduct electricity and as measured using the testing procedure for specific conductance under 40 CFR 136.3, as amended, or an equivalent method approved by the director.

(62) STANDARD INDUSTRIAL CLASSIFICATION means either:

(A) a standard industrial classification under the Standard Industrial Classification Manual issued by the United States Office of Management and Budget; or

(B) a North American Industry Classification System (NAICS) classification under the U.S. NAICS Manual issued by the United States Office of Management and Budget.

(63) STATE means the State of Texas.

(64) STATE WATER means, to the extent the water is located wholly or partially within the city:

(A) the water of the ordinary flow, underflow, and tides of every river, natural spring, stream, creek, pond, reservoir, estuary, wetland, marsh, inlet, canal, and lake and of every bay or arm of the Gulf of Mexico and the stormwater, floodwater, and rainwater of every river, natural stream, canyon, ravine, depression, and watershed within, upon, or forming the boundaries of the state, and including the beds and banks of all courses and bodies of surface water; and

(B) water that is imported from any source outside the boundaries of the state for use in the state and that is transported through the beds and banks of any navigable stream within the state or by utilizing any facilities owned or operated by the state.

(65) STORMWATER means stormwater runoff, snow or ice melt runoff, and surface and drainage runoff resulting from precipitation that reaches the surface of the earth during a precipitation event.

(66) STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing, or raw materials storage areas at an industrial facility, which facility is within one of the categories of facilities listed in 40 CFR Section 122.26(b)(14) or is identified in a multi-sector general permit as being engaged in industrial activity. The term does not include any discharge that is excluded from the EPA's definition of "stormwater discharge associated with industrial activity."

(67) **STORMWATER DRAINAGE SYSTEM** means the system of conveyances and facilities (including roads with drainage systems, city streets, catch basins, curbs, gutters, detention basins, ditches, man-made channels, natural creeks and channels, lakes, rivers, and storm drains) owned and operated by the city that are designed or used exclusively to collect or convey stormwater and that are not designed or used to collect or convey wastewater.

(68) **STORMWATER POLLUTION PREVENTION PLAN** means a plan required by either a construction general permit, a multi-sector general permit, or an individual permit, which plan describes and ensures the implementation of practices to reduce pollutants in stormwater discharges associated with construction or industrial activity at a site or facility.

(69) **TCEQ** means:

(A) the Texas Commission on Environmental Quality;

(B) any state department, agency, or commission that may succeed to the authority of the Texas Commission on Environmental Quality; and

(C) any duly authorized official of the Texas Commission on Environmental Quality or any successor agency.

(70) **TPDES (TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT** means a permit issued by the TCEQ under Chapter 205, Title 30 of the Texas Administrative Code, as amended, that authorizes the discharge of stormwater into waters of the United States or state water.

(71) **UNCONTAMINATED** means not containing a harmful quantity of a pollutant.

(72) **USED OIL** means any oil that:

(A) has been refined from crude oil or a synthetic oil;

(B) as a result of use, storage, or handling, has become unsuitable for its original purpose because of impurities or the loss of original properties; and

(C) may be suitable for further use and is recyclable in compliance with state and federal law.

(73) **WASTEWATER** means domestic wastewater, industrial waste, or other water-carried waste that is discharged into the wastewater system and passes through the wastewater system to the city's wastewater treatment plant for treatment.

(74) **WASTEWATER SYSTEM** means the system of pipes, conduits, and other conveyances owned and operated by the city that carries industrial waste and domestic wastewater, whether treated or untreated, from residential dwellings, commercial buildings, industrial and manufacturing facilities, and institutions to the city's wastewater treatment plant, and into which system stormwater, surface water, and groundwater are not intentionally admitted.

(75) **WATER QUALITY STANDARD** means the designation of a body or segment of surface water in the state for desirable uses and the narrative and numerical criteria deemed by the state to be necessary to protect those uses, as specified in Chapter 307, Title 30 of the Texas Administrative Code, as amended.

(76) WATERS OF THE UNITED STATES:

(A) means, to the extent the waters are located wholly or partially within the city:

(i) all waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters subject to the ebb and flow of the tide;

(ii) all interstate waters, including interstate wetlands;

(iii) all other waters the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce;

(iv) all impoundments of waters otherwise defined as waters of the United States under this definition;

(v) all tributaries of waters identified in this definition;

(vi) all wetlands adjacent to waters identified in this definition; and

(vii) any waters within the federal definition of the term as described in 40 CFR Section 122.2, as amended; and

(B) does not include any waste treatment systems, treatment ponds, or lagoons designed to meet the requirements of the federal Clean Water Act.

(77) WETLANDS means an area that is inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances does support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

(78) YARD WASTE means leaves, grass clippings, yard and garden debris, and brush that result from landscaping maintenance and land-clearing operations. (Ord. Nos. 24033; 27697; 28461)

SEC. 19-118.1. ENFORCEMENT.

(a) The director, the city environmental health officer, and any code compliance officer have the power to enforce this article.

(b) The municipal court has the power to issue administrative search warrants, or other process allowed by law, to a police officer, the director, the city environmental health officer, or a code compliance officer of the city where necessary to aid in enforcing this article.

(c) A person who violates any provision of this article is guilty of a separate offense for each day or portion of a day during which the violation is continued. Each offense is punishable by a fine of not less than \$250 and not more than \$2,000.

(d) The culpable mental state required for the commission of an offense under this article is governed by Section 1-5.1 of this code.

(e) A person is criminally responsible for a violation of this article if the person:

(1) commits or assists in the commission of the violation or causes or permits another person to commit the violation; or

(2) owns, operates, or manages a site or facility determined to be the cause of the violation.

(f) This article may also be enforced by civil court action as provided by state or federal law.

(g) This article, to the extent applicable to the activity or facility permitted, is incorporated by reference as part of any construction permit, street or sidewalk cut permit, fill permit, or plat approval or other development approval process required by this code. If a person who has received one of the permits or approvals mentioned in this subsection violates an applicable provision of this article, the director may issue a correction order for the site, activity, or facility where the violation occurred. If the violation is not corrected within the time period stipulated in the correction order, the director may either:

(1) revoke or cause the revocation of the permit or approval; or

(2) halt the permitted or approved activity or facility until the violation is abated or corrected. (Ord. Nos. 24033; 28461)

SEC. 19-118.2. PROHIBITED DISCHARGES.

(a) A person commits an offense if he discharges or causes to be discharged any water that does not consist entirely of stormwater into the stormwater drainage system, waters of the United States, or state water.

(b) It is a defense to prosecution under Subsection (a) that a discharge of water not composed entirely of stormwater resulted or occurred exclusively from one or more of the following sources, activities, or events:

(1) Full compliance with an NPDES permit or TPDES permit, other than the NPDES permit or TPDES permit granted to the city for discharges from the stormwater drainage system.

(2) Fire fighting by the fire department.

(3) Agricultural stormwater runoff.

(4) Water line flushing, excluding a flushing from water line disinfection by superchlorination or other means unless:

(A) the total chlorine residual has been reduced to less than one mg/L;

(B) the discharge does not contain any hazardous substance or exceed the specific surface water quality standards established in Chapter 307, Title 30 of the Texas Administrative Code, as amended; and

(C) the discharge does not cause erosion of soil.

(5) Lawn watering, landscape irrigation, or other irrigation water.

(6) A diverted stream flow or natural spring.

(7) Uncontaminated pumped groundwater or rising groundwater.

(8) Uncontaminated groundwater infiltration, as that term is defined in 40 CFR Section 35.2005(b)(20), into the stormwater drainage system.

(9) A foundation drain, crawl space pump, footing drain, or sump pump, if the discharge is uncontaminated.

(10) A potable water source that does not contain:

(A) a harmful quantity of a pollutant; or

(B) any harmful substance or material from the cleaning or draining of a storage tank or other container.

(11) Air conditioning condensation that is unmixed with water from a cooling tower, emissions scrubber, emissions filter, or other source of pollutant.

(12) Individual residential car washing.

(13) A riparian habitat or wetlands.

(14) Water used in washing streets, sidewalks, parking lots, driveways, or other structures that is not contaminated with any soap, detergent, degreaser, solvent, emulsifier, dispersant, or a harmful quantity of any other cleaning substance.

(15) Stormwater runoff from a roof that is not contaminated by any runoff or discharge from an emissions scrubber, emissions filter, or other source of pollutant.

(16) Swimming pool water that:

(A) has been dechlorinated so that total chlorine residual is less than one mg/L;

(B) is not able to be discharged into the wastewater system because:

(i) the swimming pool discharge point is located more than 200 linear feet from the closest access point to the wastewater system; or

(ii) the property on which the swimming pool is located:

(aa) does not receive service from the city's wastewater system; and

(bb) is not served by an on-site wastewater treatment facility with adequate capacity to receive the discharge of the swimming pool water;

(C) is not the result of pool filter backwash; and

(D) does not contain:

(i) any chemical used in the treatment or disinfection of swimming pool water or in pool cleaning;

(ii) a pH of the water of less than five;

(iii) algaecides or visible algae; or

(iv) a specific conductivity in excess of 150 micromhos per centimeter at 25 degrees Centigrade.

(17) A temporary car wash sponsored by a civic group, school, or a religious or other nonprofit organization.

(18) Other allowable non-stormwater discharges listed in 40 CFR Section 122.26(d)(2)(iv) (B)(1), as amended.

(c) No defense to prosecution is available under Subsection (b) if:

(1) the discharge in question has been determined by the director to be the source of a pollutant to the stormwater drainage system, waters of the United States, or state water;

(2) written notice of such determination has been provided to the discharger; and

(3) the discharge has occurred more frequently than or beyond the limits permitted by the director on a case by case basis.

(d) In any civil or criminal action, the discharger has the burden of proving that a discharge in violation of Subsection (a) is uncontaminated or falls within a defense to prosecution under Subsection (b). Prima facie proof that a discharge is uncontaminated must be made in the form of an analysis by a certified laboratory, using standard methods or procedures prescribed by EPA or TCEQ regulations. A copy of the laboratory analysis must be sent to the director.

(e) A person commits an offense if he discharges or causes to be discharged into the stormwater drainage system, waters of the United States, or state water a pollutant or substance that causes or contributes in causing the city to violate a water quality standard, the city's NPDES permit or TPDES permit, or any state- issued discharge permit for discharges from the city's stormwater drainage system.

(f) A person commits an offense if he discharges or allows or permits the discharge of any of the following into the stormwater drainage system:

(1) Oil, used oil, or any motor vehicle fluid.

(2) Industrial waste.

(3) Hazardous waste, including household hazardous waste.

(4) Domestic wastewater, septic tank waste, grease trap waste, or grit trap waste.

(5) Garbage, rubbish, or yard waste.

(6) Wastewater from:

(A) any commercial vehicle washing facility, including any commercial car wash located on the premises of any office building or in any parking garage;

(B) any vehicle washing, cleaning, or maintenance at any new or used automobile or other vehicle dealership, rental agency, body shop, repair shop, or maintenance facility;

(C) any washing, cleaning, or maintenance of any business, commercial, or public service vehicle (including a truck, bus, or heavy equipment) by a business or public entity that operates more than two of such vehicles;

(D) the washing, cleaning, de-icing, or other maintenance of aircraft;

(E) any mobile power washing operation if the wastewater contains a harmful quantity of any soap, detergent, degreaser, solvent, emulsifier, dispersant, or other cleaning substance or pollutant;

(F) floor, rug, or carpet cleaning;

(G) the washdown or other cleaning of pavement if the wastewater contains a harmful quantity of any soap, detergent, solvent, degreaser, emulsifier, dispersant, or other cleaning substance or pollutant;

(H) the washdown or other cleaning of any pavement where any spill, leak, or other release of oil, motor fuel, or other petroleum product or hazardous substance has occurred, unless all harmful quantities of the released material have been previously removed; or

(I) a portable restroom or other temporary sanitary facility.

(7) Effluent from a cooling tower, condenser, compressor, emissions scrubber, or emissions filter or the blowdown from a boiler.

(8) Ready-mixed concrete, mortar, ceramic or asphalt base material, or hydromulch material, or wastewater from the cleaning of vehicles or equipment containing or used in transporting or applying such material.

(9) Runoff or washdown water from any animal pen, kennel, or fowl or livestock containment area.

(10) Filter backwash from a swimming pool, fountain, or spa.

(11) Swimming pool water that:

(A) has a total chlorine residual of one mg/L or more;

(B) is from a swimming pool with a discharge point located 200 linear feet or less from the closest access point to the wastewater system;

(C) is from a swimming pool that is served by an on-site wastewater treatment facility with adequate capacity to receive the discharge of the swimming pool water; or

(D) contains:

(i) a quantity of muriatic acid sufficient to reduce the pH of the water to less than five;

(ii) any other chemical used in the treatment or disinfection of swimming pool water or in pool cleaning;

(iii) algaecides or visible algae; or

(iv) a specific conductivity in excess of 150 micromhos per centimeter at 25 degrees Centigrade.

(12) Discharge from water line disinfection by superchlorination or other means if:

(A) the total chlorine residual is at one mg/L or more;

(B) the discharge contains any hazardous substance or exceeds the specific surface water quality standards established in Chapter 307, Title 30 of the Texas Administrative Code, as amended; or

(C) the discharge causes erosion of the soil.

(13) Fire protection water containing oil or a hazardous substance or material, unless treatment adequate to remove pollutants occurs prior to discharge, except that this prohibition does not apply to discharges or flow from fire fighting by the fire department.

(14) Water from a water curtain in a spray room used for painting vehicles or equipment.

(15) Contaminated runoff from a vehicle wrecking yard.

(16) Any substance or material that will damage, block, or clog the stormwater drainage system.

(17) Any discharge from a petroleum storage tank, any leachate or runoff from soil contaminated by a leaking petroleum storage tank, or any discharge of pumped, confined, or treated wastewater from the remediation of a petroleum storage tank release, unless the discharge complies with all state and federal standards and requirements and does not contain a harmful quantity of any pollutant.

(18) Any paint, finish, or paint cleaning material, including but not limited to auto body paint, latex paint, wood finishing material, texturing product, varnish, paint thinner, or paint solvent of any kind.

(19) A harmful quantity of dust resulting from sanding, grinding, cutting, sawing, or storage of any materials.

(g) A person commits an offense if he discharges into the stormwater drainage system a harmful quantity of sediment, silt, earth, soil, or other material associated with:

(1) clearing, grading, excavating, or other construction activities; or

(2) landfilling or other placement or disposal of soil, rock, or other earth materials in excess of what could be retained on site or captured by employing sediment and erosion control measures to the maximum extent practicable.

(h) A person commits an offense if he connects a line that conveys domestic wastewater or industrial waste to the stormwater drainage system or knowingly allows such a connection to continue. (Ord. Nos. 24033; 28461)

SEC. 19-118.3. REGULATION OF PESTICIDES, HERBICIDES, AND FERTILIZERS.

(a) Any sale, distribution, application, labeling, manufacture, transportation, storage, or disposal of a pesticide, herbicide, or fertilizer within the city must comply fully with all applicable state and federal statutes and regulations, including but not limited to:

(1) the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA);

(2) federal regulations promulgated pursuant to FIFRA; and

(3) applicable provisions of Chapters 63 and 76 of the Texas Agriculture Code, as amended, and state regulations promulgated pursuant to those chapters.

(b) A license, permit, registration, certification, or evidence of financial responsibility required by state or federal law for the sale, distribution, application, manufacture,

transportation, storage, or disposal of a pesticide, herbicide, or fertilizer must be presented to the director, the environmental health officer, any city code compliance officer, and any police officer for examination upon request.

(c) No person shall, within the city, use or cause to be used any pesticide or herbicide contrary to any directions for use on any labeling required by state or federal statute or regulation.

(d) No person shall, within the city, use, dispose of, discard, store, or transport a pesticide, herbicide, or fertilizer or a pesticide, herbicide, or fertilizer container in a manner that the person knows or reasonably should know is likely to cause, or does cause, a harmful quantity of the pesticide, herbicide, or fertilizer to enter the stormwater drainage system, waters of the United States, or state water. (Ord. Nos. 24033; 28461)

SEC. 19-118.4. USED OIL REGULATION; HOUSEHOLD HAZARDOUS WASTE.

(a) A person commits an offense if he:

(1) discharges used oil into the stormwater drainage system, into a private drainage system that feeds into the stormwater drainage system, or into any septic tank, surface water, groundwater, or watercourse within the city;

(2) mixes or commingles used oil with solid waste that is to be disposed of in a landfill, or knowingly and directly disposes of used oil on land or in a landfill; or

(3) applies used oil to a road or land for dust suppression, weed abatement, or other similar use that introduces used oil into the environment.

(b) All businesses that change motor oil for the public, all municipal landfills, and all fire stations are encouraged to serve as public used-oil collection centers as provided for in Section 371.024 of the Texas Health and Safety Code, as amended.

(c) Any retail dealer that annually sells directly to the public more than 500 gallons of oil in containers for use off premises shall post in a prominent place on its premises a sign, provided by the city or by the state, informing the public that improper disposal of used oil is prohibited by law. The sign must prominently display the toll-free telephone number of the state used-oil information center.

(d) Household hazardous waste must be segregated from other household waste and discarded only at certain specified locations, such as at a Dallas County household hazardous waste collection event or at the permanent household hazardous waste collection site. (Ord. Nos. 24033; 28461)

SEC. 19-118.5. DISCHARGE PREVENTION, REPORTING, AND CLEANUP.

(a) A secondary containment device used by an operator as a best management practice or installed or constructed in accordance with a stormwater pollution prevention plan must:

(1) be designed, installed, and constructed in a manner sufficient to contain a spill or leak from the storage container and prevent a discharge;

(2) have:

(A) an overflow protection device, such as a direct vision gauge, an alarm with audible or visual signal, or a bypass to an alternate containment device;

(B) sufficient freeboard to prevent spillage from an uncovered storage container; and

(C) a controlled drainage system; and

(3) hold:

(A) a volume of at least:

(i) 110 percent of the storage container volume for a single storage container; or

(ii) 150 percent of the volume of the largest storage container or 110 percent of the aggregate volume of all storage containers, whichever is greater, for multiple storage containers; and

(B) an additional capacity of at least:

(i) 4.5 inches of rainwater, if the secondary containment device is open to precipitation; and

(ii) the amount of water produced by 20 minutes of flow from all fire sprinkler heads, if any, situated over the secondary containment device.

(b) Discharge materials must be discharged to separate containment devices or systems if, when combined, the materials could cause:

(1) a fire;

(2) an explosion;

(3) a flammable, toxic, or poisonous gas; or

(4) the deterioration of a storage container or secondary containment device.

(c) An operator shall keep the drainage system of a secondary containment device closed and any drainage pumps turned off, except when the drainage process is monitored for compliance with the surface water quality standards set forth in Chapter 307, Title 30 of the Texas Administrative Code, as amended.

(d) No operator may release accumulated rainwater or sprinkler flow water from a secondary containment device until the operator has received confirmation from an EPA-certified laboratory that the water to be discharged meets the surface water quality standards set forth in Chapter 307, Title 30 of the Texas Administrative Code, as amended. A copy of the laboratory analysis must be provided to the director upon request.

(e) A discharger of a reportable quantity of a hazardous or extremely hazardous substance into the stormwater drainage system, waters of the United States, or state water shall telephone and notify the director, the TCEQ, and the fire department immediately after becoming aware of the discharge. A discharger of a reportable quantity of any of the following substances into the stormwater drainage system, waters of the United States, or state water shall telephone and notify the director concerning the incident within 24 hours after its occurrence:

(1) An amount of oil that either:

(A) violates applicable water quality standards; or

(B) causes a film or sheen upon, or discoloration of, the surface of the water or an adjoining shoreline, or causes a sludge or emulsion to be deposited beneath the surface of the water or upon an adjoining shoreline.

(2) A harmful quantity of any other pollutant that is not a hazardous or extremely hazardous substance but has been discharged in a quantity that exceeds surface water quality standards as set forth in Chapter 307, Title 30 of the Texas Administrative Code, as amended.

(f) The notification required by Subsection (e) of this section must include all of the following information:

(1) The identity or chemical name of the substance released and whether the substance is an extremely hazardous substance.

(2) The exact location of the discharge, including any known name of the waters involved or threatened and any other environmental media affected.

(3) The time and duration of the discharge at the moment of notification.

(4) An estimate of the quantity and concentration, if known, of the substance discharged.

(5) The source of the discharge.

(6) Any known or anticipated health risks associated with the discharge and, where appropriate, advice regarding medical attention that may be necessary for exposed individuals.

(7) Precautions that should be taken as a result of the discharge.

(8) Steps that have been taken to contain or clean up the discharged substance and related material and to minimize the impact of the discharge.

(9) The name and telephone number of each person to be contacted for further information.

(g) Within 15 days after a discharge under this section, the discharger shall, unless expressly waived in writing by the director, submit a written report containing each item of information required by Subsection (f), as well as the following additional information:

(1) The ultimate duration, concentration, and quantity of the discharge.

(2) All actions taken to respond to, contain, and clean up the discharged substances, and all precautions taken to minimize the impact of the discharge.

(3) Any known or anticipated acute or chronic health risks associated with the discharge.

(4) Where appropriate, advice regarding medical attention necessary for exposed individuals.

(5) The identity of each governmental entity and private sector representative responding to the discharge.

(6) Measures taken or to be taken by the discharger to prevent similar future occurrences.

(h) The notifications required by Subsections (f) and (g) of this section do not relieve the discharger from any expense, loss, damage, or other liability that may be incurred as a result of the discharge, including any liability for damage to the city, to natural resources, or to any other person or property. The notifications also do not relieve the discharger from any fine, penalty, or other liability that may be imposed under this article or under state or federal law.

(i) A release report required by a state or federal regulatory authority that contains the information described in Subsections (f) and (g) of this section meets the reporting requirements of Subsection (g), upon submittal of the report to the director.

(j) The owner or operator of any facility, vehicle, or other source responsible for a discharge described in Subsection (e) of this section shall:

(1) comply with all state, federal, and local law requiring reporting, cleanup, containment, and any other appropriate remedial action in response to the discharge; and

(2) reimburse the city for any costs incurred by the city in responding to the discharge.

(k) A discharger commits an offense if he:

(1) fails or refuses to report the discharge within the time required by Subsection (e) after becoming aware of the discharge;

(2) knowingly provides false or incorrect information in a notification or report required under this section; or

(3) fails or refuses to take the necessary action to clean up pollution or damage to the stormwater drainage system, waters of the United States, or state water, or to other property, that is caused by the discharge. (Ord. Nos. 24033; 28461)

SEC. 19-118.6. STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.

(a) An operator of a construction site shall comply with all terms and conditions of a construction general permit or an individual permit, whichever is obtained for or applicable to the construction site. An operator of a construction site shall provide the director with a copy of the stormwater pollution prevention plan required by the construction general permit or individual permit and shall implement best management practices to control and minimize the discharge into the stormwater drainage system, waters of the United States, and state water of any sediment, silt, earth, soil, or other material from the construction site. Erosion control elements meeting the criteria for best management practices must be installed before any construction site is established in accordance with an installation schedule as specified in a stormwater pollution prevention plan required by the construction general permit or individual permit.

(b) The best management practices referred to in Subsection (a) of this section may include, but are not limited to, the following measures:

(1) Ensuring that existing vegetation is preserved where feasible and that disturbed portions of the site are stabilized as soon as practicable in portions of the site where construction activities have temporarily (as described in EPA and TCEQ regulations) or permanently ceased. Stabilization measures may include:

- (A) temporary or permanent seeding;
- (B) mulching;
- (C) geotextiles;
- (D) sod stabilization;
- (E) vegetative buffer strips;
- (F) protection of trees;
- (G) preservation of mature vegetation; and
- (H) other appropriate measures.

(2) Using structural practices to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from the site to the maximum extent feasible.

(3) Minimizing the tracking of sediments off site by vehicles, the generation of dust, and the escape of other windblown waste from the site.

(4) Preventing the discharge of building materials, including cement, lime, concrete, concrete washout water, concrete residue, and mortar, into the stormwater drainage system, waters of the United States, or state water.

(5) Providing general good housekeeping measures to prevent and contain spills of paints, solvents, fuels, septic waste, and other hazardous chemicals and pollutants associated with construction, and to ensure proper cleanup and disposal of any spills in compliance with state, federal, and local requirements;

(6) Implementing effective waste disposal and waste management techniques, including providing secondary containment, covering waste materials, and minimizing ground contact with hazardous chemicals and trash.

(7) Providing for the timely maintenance of vegetation, erosion, and sediment control devices, and other best management practices to keep vegetation, erosion, and sediment control devices in good and effective operating condition.

(8) Installing structural measures during the construction process to control pollutants in stormwater discharges that will occur during construction activities and after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. Installed structural measures may include, but are not limited to:

- (A) stormwater detention structures, including wet ponds;
- (B) stormwater retention structures;
- (C) flow attenuation by use of open vegetative swales and natural depressions;
- (D) other velocity dissipation devices;
- (E) infiltration of runoff on site; and
- (F) sequential systems that combine several practices.

(9) Preventing dust caused by the sanding, grinding, cutting, or sawing of any materials from accumulating in an area greater than 25 square feet.

(10) Taking all of the following actions for an on-site concrete batch plant used in connection with the construction site:

(A) Constructing continuous interior berms around all:

(i) concrete batch plant equipment, including but not limited to concrete mixing equipment, silos, concrete drop points, conveyor belts, and admixture tanks;

(ii) concrete truck loading and unloading areas; and

(iii) concrete truck washout facilities.

(B) Directing all stormwater and non- stormwater from the concrete batch plant to containment ponds, tanks, or other stormwater detention structures.

(C) Providing on-site lined concrete batch plant washout facilities with sufficient volume to contain all liquid and waste generated by on-site concrete batch plant operations.

(D) Conforming on-site concrete batch plant operations to all requirements of the construction general permit or individual permit applicable to the construction site.

(11) Storing bagged, boxed, and bucketed materials on pallets and covering those materials when they are not in use and prior to and during any precipitation event.

(12) Maintaining an adequate supply of appropriate spill cleanup material near the designated storage area for bagged, boxed, and bucketed materials.

(13) Preventing the operation of tracked equipment within any body or course of surface water unless the director has determined that the surface water has been suitably diverted around the active construction area.

(c) The operator of a construction site is responsible for the installation and maintenance of stormwater management measures until final stabilization of the site has been completed and the notice of termination has been received by the director.

(d) The operator of a construction site shall inspect the site and any facilities on the site in accordance with the requirements of the construction general permit or the individual permit, whichever is obtained for or applicable to the site.

(e) The director may require that plans and specifications prepared for the construction of site improvements illustrate and describe what best management practices will be implemented at the construction site.

(f) The city may deny approval of any building permit, street or sidewalk cut permit, plumbing permit, service connection permit, grading permit, subdivision plat, site development plan, or other city approval necessary to commence or continue construction or development, if the management practices described in the plans and specifications, or observed upon a site inspection by the director, are determined not to control and reduce, to the maximum extent practicable, the discharge of sediment, silt, earth, soil, and other materials associated with clearing, grading, demolishing, excavating, and other construction activities.

(g) An owner of a construction site is jointly and severally responsible with the operator for compliance with the requirements of this section, even if the owner is not an operator of the site.

(h) Any contractor or subcontractor on a construction site, who is not an owner or operator of the site but who is responsible under the construction contract or subcontract for implementing a best management practices control measure, is jointly and severally responsible for any intentional, willful, or negligent failure to adequately implement that control measure if such failure causes or contributes to causing the city to violate a water quality standard, the city's NPDES permit or TPDES permit, or any other discharge permit issued by a state or federal regulatory authority for discharges from the stormwater drainage system.

(i) An owner or operator of a construction site shall provide copies of all notices of intent, construction site notices, notices of change, and notices of termination to the director in accordance with the requirements of the construction general permit or the individual permit.

(j) The director may, in the interest of public safety, issue a written notice to an operator of a construction site that:

(1) authorizes the temporary removal or alteration of structural measures being used as a best management practice under Subsection (b) if:

(A) flooding or significant standing of water occurs in a public right-of-way near the construction site during a representative storm event; or

(B) the director determines that a representative storm event is impending, and flooding or significant standing water previously occurred in a public right-of-way near the construction site during a representative storm event; and

(2) requires the replacement of all structural measures removed pursuant to the notice upon the earlier of recession of standing water from the public right-of-way or 24 hours following the last rainfall. (Ord. Nos. 24033; 28461)

SEC. 19-118.7. STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY.

(a) An operator of an industrial facility shall comply with all terms and conditions of the multi- sector general permit or an individual NPDES or TPDES permit, whichever is obtained for the activity conducted at the industrial facility. An operator of an industrial facility shall use best management practices to control and minimize the discharge into the stormwater drainage system, waters of the United States, and state water of any material or substance handled, stored, or generated by the industrial facility and any pollutant that may be attributed to those materials or substances. An operator is required to retain records of all monitoring information collected for a six-year period from the date of sample collection. An operator shall submit any monitoring results or a summary of results as required by the multi-sector general permit or an individual permit to the director and, upon request, shall submit copies of discharge monitoring reports to the director.

(b) The best management practices referred to in Subsection (a) of this section may include, but are not limited to, the following measures:

(1) Providing general good housekeeping measures to ensure that areas within the industrial facility that may contribute pollutants to stormwater discharge are routinely cleaned and kept orderly.

(2) Implementing effective waste disposal and waste management techniques, including but not limited to providing secondary containment, covering waste materials, and minimizing ground contact with hazardous chemicals and trash.

(3) Implementing and maintaining spill prevention and response measures, including but not limited to secondary containment, labeling, and cleanup techniques.

(4) Implementing and maintaining erosion prevention measures, including but not limited to soil stabilization through vegetative cover, contouring slopes, paving, and structural controls.

(5) Implementing and maintaining structural controls, including but not limited to oil- water separators, sediment ponds, catch basins, grassed swales, and berms.

(6) Eliminating or reducing exposure of garbage and refuse materials to precipitation or runoff prior to disposal.

(7) Eliminating or reducing exposure of containers or equipment that are covered or partially covered with oil, grease, rust, or other potentially polluting substances to precipitation or runoff.

(c) If an industrial facility is required by an individual permit or multi-sector general permit to conduct annual, semi-annual, or other periodic monitoring, the operator shall:

(1) submit to the director a signed copy of each monitoring report prepared in compliance with the applicable individual permit or multi-sector general permit;

(2) retain records of the monitoring results at the facility and make them available to the director upon request; and

(3) when requested by the director, prepare a written report of any monitoring conducted by the operator and submit it to the director.

(d) If an industrial facility is required by an individual permit or multi-sector general permit to prepare an annual comprehensive site compliance evaluation report, the operator shall submit to the director a signed copy of each report.

(e) By written notice, the director may require any industrial facility identified as not being in compliance with this section to implement a monitoring program that includes the written submission of quantitative data on the following constituents:

(1) Any pollutant listed in any applicable multi-sector general permit or in Chapter 307, Title 30 of the Texas Administrative Code, as amended.

(2) Any information on discharges required under 40 CFR Part 122.

(f) By written notice, the director may require any industrial facility regulated by this section to conduct semi-annual or annual monitoring of stormwater discharges, or the director may specify an alternative monitoring frequency or specify additional parameters to be analyzed. The director may require written reports of any additional monitoring to be submitted.

(g) An operator of an industrial facility regulated by this section shall retain the stormwater pollution prevention plan, all records of monitoring information, copies of all required reports, and records of all data used to complete the notice of intent for at least three years after submitting a notice of termination required by Subsection (i) of this section.

(h) No stormwater discharge associated with industrial activity may contain any hazardous metals in a quantity that exceeds the maximum allowable concentrations listed in the individual permit, multi- sector general permit, or Chapter 307, Title 30 of the Texas Administrative Code, as amended, whichever limit is more stringent.

(i) The operator of an industrial facility regulated by this section shall submit a notice of termination to the director, which includes the information required for notices of termination under the individual permit or multi-sector general permit, whenever:

(1) all stormwater discharges associated with industrial activity that are authorized by this article and by the NPDES permit or TPDES permit are eliminated at the facility; or

(2) the operator of stormwater discharges associated with industrial activity at the facility changes.

(j) An owner of a facility with a stormwater discharge associated with industrial activity regulated by this section, whether or not the owner is an operator of the facility, is jointly and severally responsible for compliance with:

(1) the best management practices measures required in the stormwater pollution prevention plan for the facility; and

(2) the effluent limitations for hazardous metals specified in Subsection (h) of this section.

(k) Upon request by the director, an owner or operator of any industrial facility that experiences a problem complying with the requirements of this section, the multi-sector general permit, or any applicable individual permit issued for stormwater discharges from the facility shall consult with the director in an attempt to achieve compliance as soon as practicable. If compliance is not achieved to the director's satisfaction, the director may report the noncompliance to the EPA or to the TCEQ, or the director may commence or request commencement of any enforcement action authorized under Section 19-118.1 of this article. Exercising the option for consultation under this subsection is not a bar against, or prerequisite to, the taking of any other enforcement action against an owner or operator of a facility.

(l) The operator of an industrial facility that qualifies for a no exposure exclusion under the multi- sector general permit shall provide the director with a copy of the no exposure certification provided to the TCEQ as required by the multi-sector general permit and a copy of the written notification of coverage and the authorization number received from the TCEQ. The director may inspect the industrial facility and conduct monitoring and sampling of any discharge from the industrial facility to verify the no exposure exclusion.

(m) Upon request by the director, an owner or operator of an industrial facility shall provide the director with documentation of the standard industrial classification of the operation conducted at the industrial facility. The documentation may include, but is not limited to, a copy of the business license application filed for the industrial facility or copies of organizational or tax documents for the business entity that operates the industrial facility, provided the standard industrial classification is stated on the copies provided. If an owner or operator fails or refuses to provide documentation of the standard industrial classification upon request by the director,

then, for purposes of enforcing this section, the director may assign to the industrial facility the standard industrial classification under the multi-sector general permit that best describes the activities observed at the industrial facility, as determined by the director. (Ord. Nos. 24033; 28461)

SEC. 19-118.8. COMPLIANCE MONITORING.

(a) The director may enter the premises of any person who is discharging stormwater into the stormwater drainage system, waters of the United States, or state water to determine if the discharger is complying with all requirements of this article and of any applicable state or federal discharge permit, limitation, or requirement.

(b) A discharger shall:

(1) allow the director ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties;

(2) make available to the director, within two hours of request, any stormwater pollution prevention plans or modifications to plans, self- inspection reports, monitoring records, compliance evaluations, notices of intent, and other records, reports, and documents required by the NPDES permit or TPDES permit; and

(3) retain and provide to the director, upon request, any annual, semi-annual, or periodic monitoring reports as required by the NPDES or TPDES permit.

(c) If a discharger has security measures in force that require proper identification and clearance before entry into the premises, the discharger shall make necessary arrangements with its security guards so that, upon presentation of suitable identification, the director is permitted to enter without delay for the purpose of performing the director's responsibilities.

(d) The director shall have the right to install on the discharger's property, or to require installation of, such devices as are necessary to conduct sampling or metering of the discharger's operations.

(e) The director may require any discharger that contributes a harmful quantity of a pollutant to the stormwater drainage system, waters of the United States, or state water to conduct specified sampling, testing, analysis, and other monitoring of its stormwater discharges. The director may specify the frequency and parameters of any required monitoring.

(f) The director may require the discharger to install monitoring equipment as necessary at the discharger's expense. The discharger, at its own expense, shall at all times maintain the facility's sampling and monitoring equipment in a safe and proper operating condition. Each device used to measure stormwater flow and quality must be calibrated to ensure accuracy.

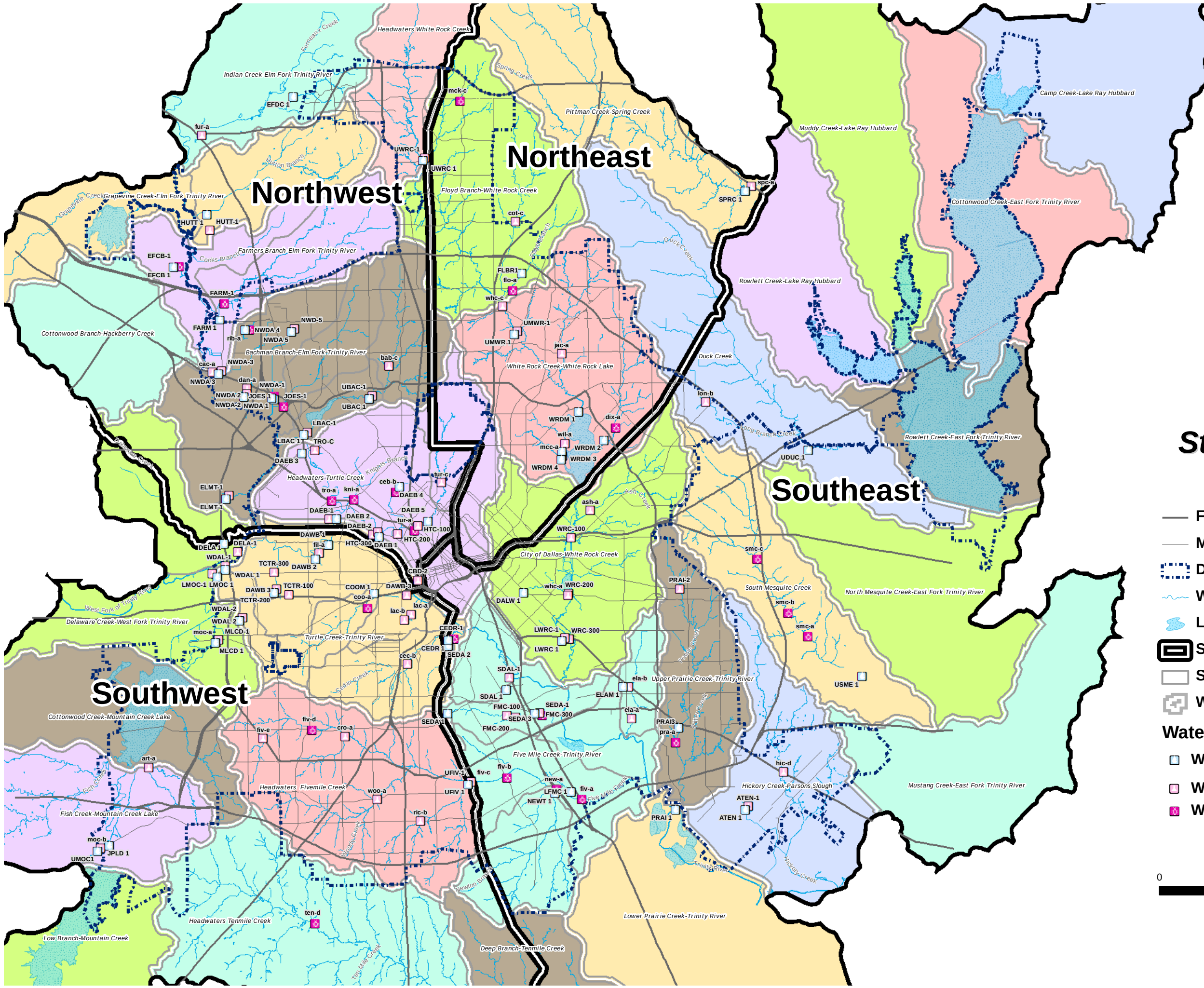
(g) Any temporary or permanent obstruction to safe and easy access to a facility that is to be inspected or sampled must be promptly removed by the discharger at the written or verbal request of the director and may not be replaced. The cost of clearing access to the facility must be borne by the discharger.

(h) A person commits an offense if he:

(1) lawfully consents to the director's entry into a facility that discharges stormwater, but then knowingly obstructs or hinders the director in accessing the facility for the lawful purposes of inspection or sampling; or

(2) knowingly obstructs or hinders the director in accessing, for the lawful purposes of inspection or sampling pursuant to a lawfully issued administrative search warrant, a facility that discharges stormwater.

(i) Nothing in this section prohibits a person from exercising the constitutional right to require that entry to a site or any other property be made pursuant to a validly issued administrative or other search warrant, except where a search warrant is not required by law. (Ord. Nos. 24033; 28461)



Stormwater Districts

- Freeway
- Major Street
- Dallas City Limit
- Waterway
- Lakes
- Stormwater Districts
- Sub-Watershed Boundary
- Watershed Boundary
- Water Quality Sites
 - Wet Weather Monitoring Site
 - Water Quality Monitoring: Without Insects
 - Water Quality Monitoring: With Insects



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Lake Ray Hubbard

Dallas Water Utilities Source Monitoring
 Clean Rivers Program Monitoring Site
 Outfall Managed By Other Entities
 Storm Line Managed By Other Entities
 Outfall
 Wet Weather Monitoring Location
 Water Quality Monitoring: Without Insects
 Water Quality Monitoring: With Insects
 Pump Station
 Wastewater Treatment Plant
 Dallas City Limit
 Major Freeway
 Waterways
 Levee
 Pipe
 East Fork Trinity River - segment 0819
 Lake Ray Hubbard - segment 0820
 Inactive Landfill
 Sump
 Retention/Detention Pond
 Lake
 HUC 12 Watershed
 HUC 12 Sub Watershed
 Park
 Outside Service Boundary
 1 Mile Service Boundary

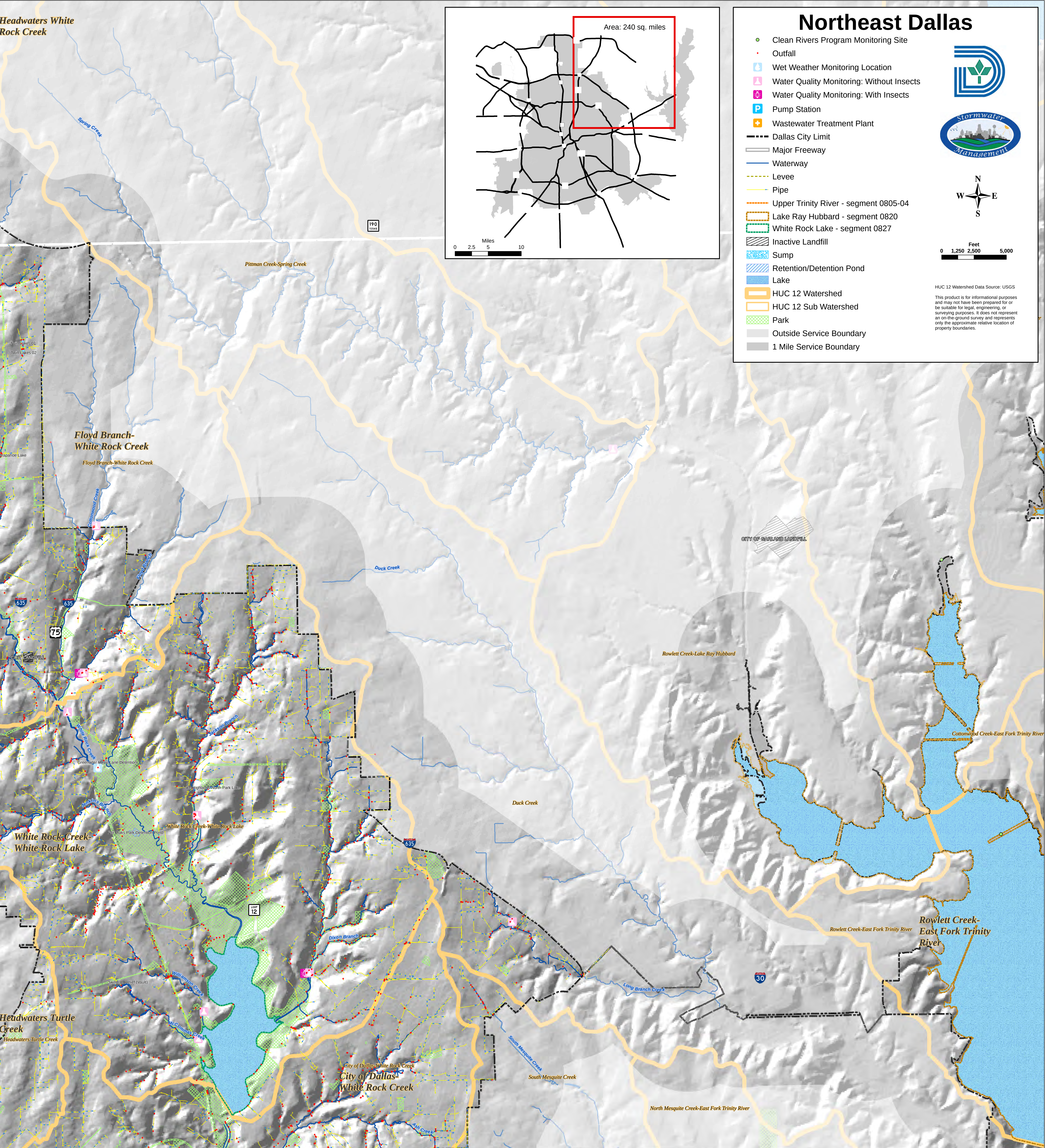
HUC 12 Watershed Data Source: USGS
 Data outside City of Dallas provided by local municipalities
 This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

Pitsman Creek-Spring Creek
 Rowlett Creek-Lake Ray Hubbard
 Duck Creek
 North Mesquite Creek-East Fork Trinity River
 Muddy Creek-Lake Ray Hubbard
 Cottonwood Creek-East Fork Trinity River
 Camp Creek-Lake Ray Hubbard
 Mustang Creek-East Fork Trinity River

Area: 300 sq. miles
 0 2.5 5 10 Miles

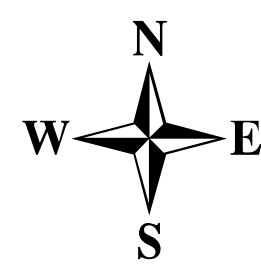
HUC 12 Watershed Data Source: USGS
Data outside City of Dallas provided by local municipalities

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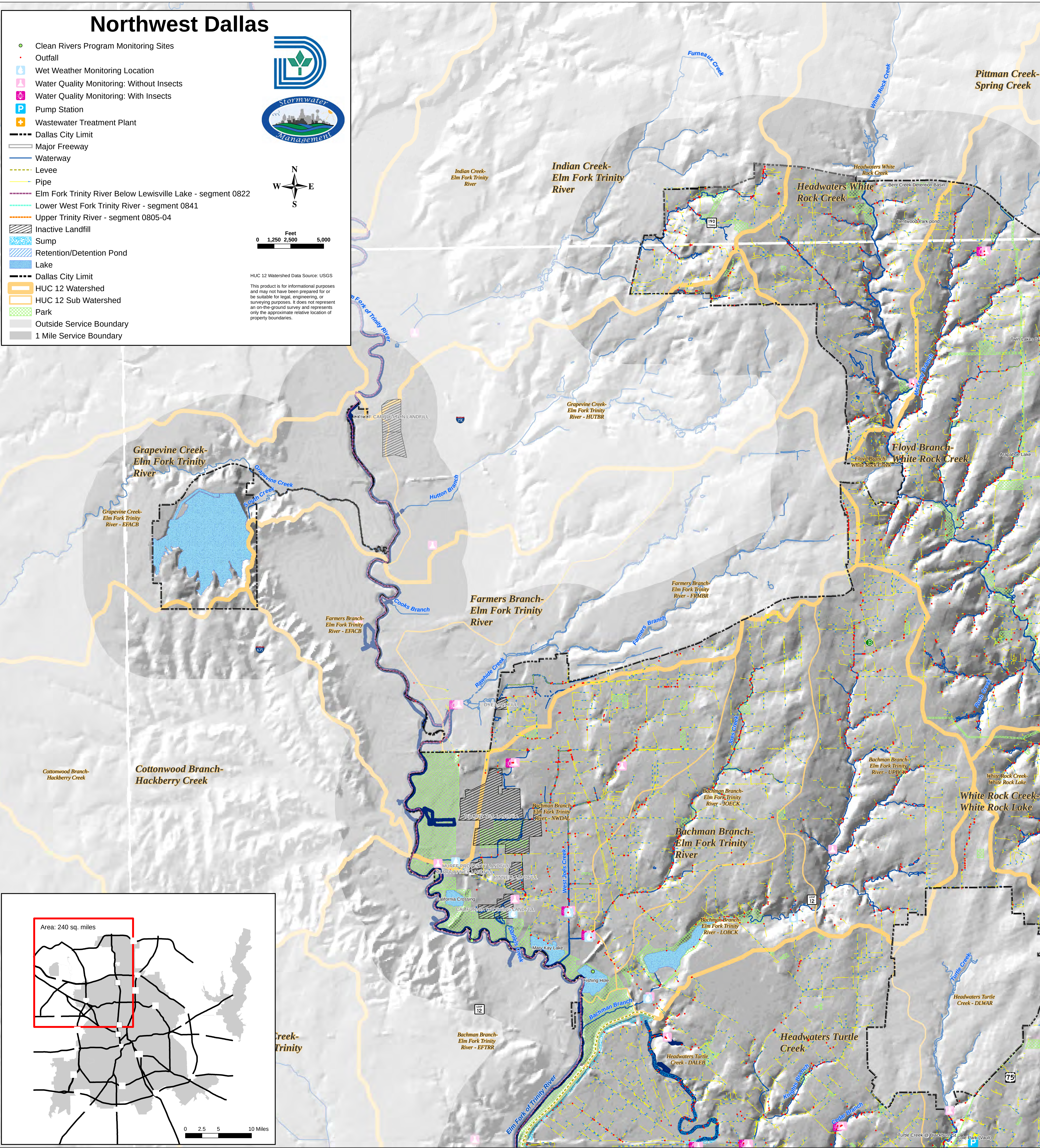
Northwest Dallas

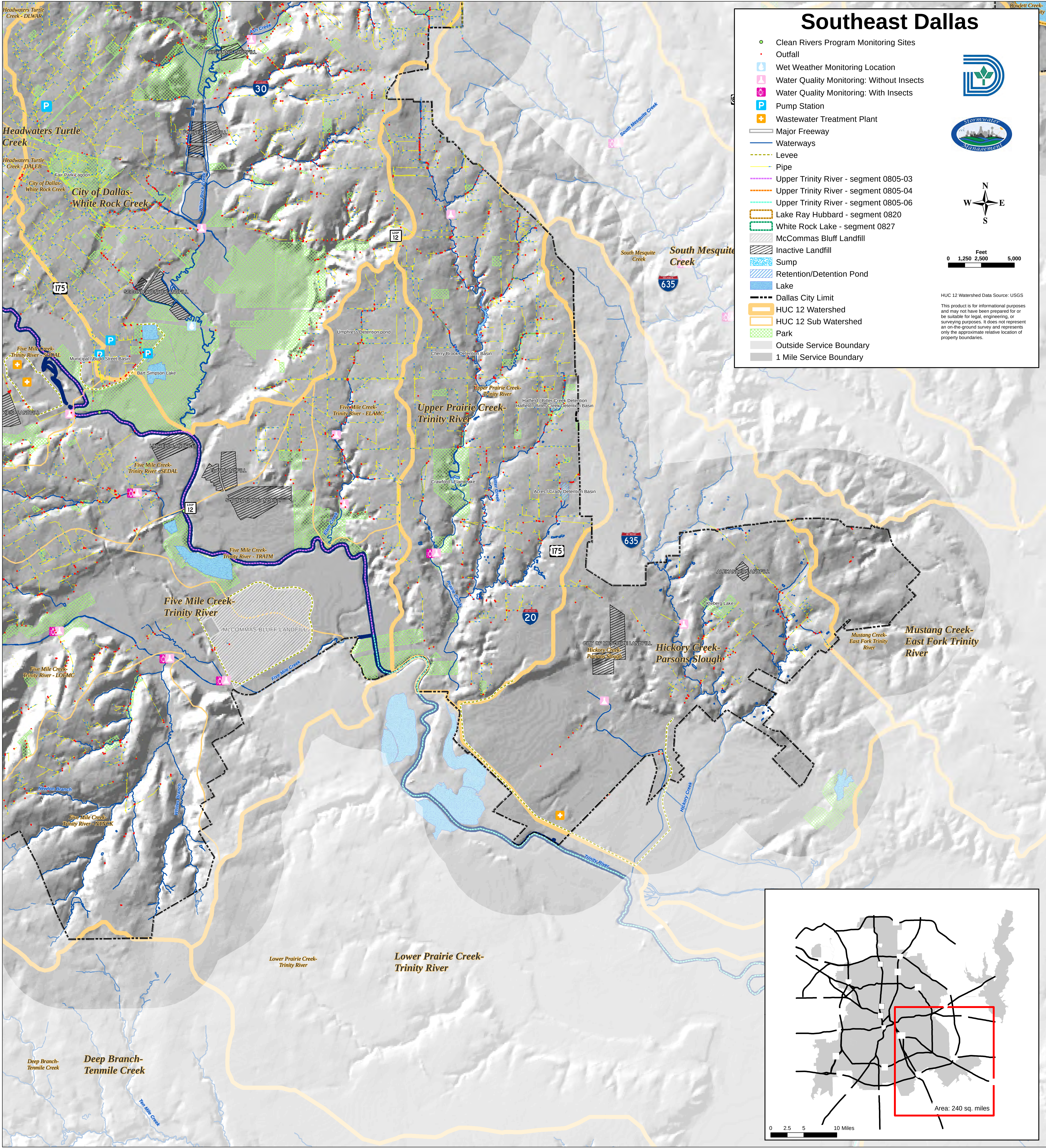
- Clean Rivers Program Monitoring Sites
- Outfall
- Wet Weather Monitoring Location
- Water Quality Monitoring: Without Insects
- Water Quality Monitoring: With Insects
- Pump Station
- Wastewater Treatment Plant
- Dallas City Limit
- Major Freeway
- Waterway
- Levee
- Pipe
- Elm Fork Trinity River Below Lewisville Lake - segment 0822
- Lower West Fork Trinity River - segment 0841
- Upper Trinity River - segment 0805-04
- Inactive Landfill
- Sump
- Retention/Detention Pond
- Lake
- Dallas City Limit
- HUC 12 Watershed
- HUC 12 Sub Watershed
- Park
- Outside Service Boundary
- 1 Mile Service Boundary



Feet
0 1,250 2,500 5,000

HUC 12 Watershed Data Source: USGS
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Southwest Dallas

- Clean Rivers Program Monitoring Sites
- Outfall
- ☒ Wet Weather Monitoring Location
- 👤 Water Quality Monitoring: Without Insects
- 👤 Water Quality Monitoring: With Insects
- P Pump Station
- 🏠 Wastewater Treatment Plant
- Dallas City Limit
- ▬ Major Freeway
- Waterway
- - - Levee
- Pipe
- Elm Fork Trinity River Below Lewisville Lake - segment 0822
- Lower West Fork Trinity River - segment 0841
- Upper Trinity River - segment 0805-03
- Upper Trinity River - segment 0805-04
- Joe Pool Lake - segment 0838
- Mountain Creek Lake - segment 0841A
- ▨ Inactive Landfill
- ☒ Sump
- ▨ Retention/Retention Pond
- ▨ Lake
- ▨ HUC 12 Watershed
- ▨ HUC 12 Sub Watershed
- ▨ Park
- ▨ Outside Service Boundary
- ▨ 1 Mile Service Boundary

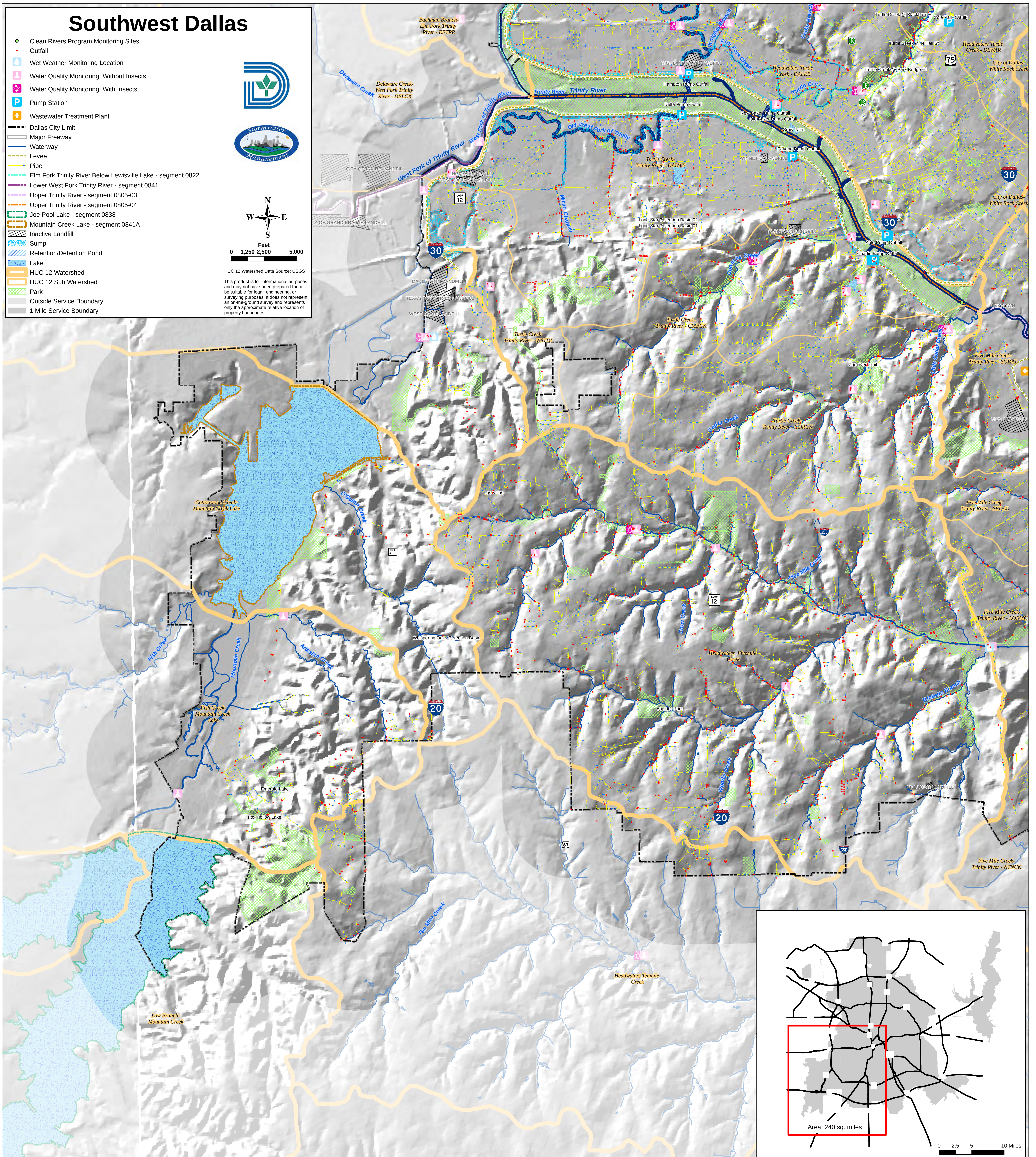
The map displays the Southwest Dallas area, highlighting the HUC 12 Watershed and its sub-watersheds. It includes major waterways like the Elm Fork Trinity River and Joe Pool Lake, as well as infrastructure such as the Dallas City Limit, major freeways, and various monitoring sites. The map also shows the location of the Wastewater Treatment Plant and several retention/detention ponds. The legend provides a key for all symbols and colors used on the map.

Stormwater Management

North arrow and scale bar (0 to 5,000 feet).

HUC 12 Watershed Data Source: USGS

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City of Dallas Municipal Facilities

Department	Facility	Location
Aviation	DAL - Field Maintenance	8008 Cedar Springs Rd.
Aviation	DAL - Terminal Building	8008 Cedar Springs Rd.
Aviation	Dallas Executive Airport	5303 Challenger Dr.
Aviation	Dallas Vertiport	801 S. Lamar St.
Code Compliance	Southwest District	4230 W. Illinois Ave.
Code Compliance	Mosquito Abatement Warehouse	4230 W. Illinois Ave.
Code Compliance	Nuisance Abatement- Graffiti	4020 W. Illinois Ave.
Code Compliance	Nuisance Abatement- Tires	4020 W. Illinois Ave.
Code Compliance	Southeast District	5210 Bexar St.
Code Compliance	Nuisance Abatement	2721 Municipal St.
Code Compliance	Central District/MOST	320 E. Jefferson Blvd.
Code Compliance	South Central District	320 E. Jefferson Blvd.
Code Compliance	Admin	3112 Canton St.
Code Compliance	Transportation Regulation	3131 Dawson St.
Code Compliance	Animal Control/ Animal Shelter	1616 N. Westmoreland Rd.
Code Compliance	Northwest District	9803 Harry Hines Blvd.
Code Compliance	ICRT Demo	320 E. Jefferson Blvd.
Code Compliance	Northeast District	7901 Goforth Rd.
Code Compliance	MCIS	7901 Goforth Rd.
Code Compliance	Mosquito Control	7901 Goforth Rd.
Code Compliance	Restaurant/Bar inspections	7901 Goforth Rd.
Convention and Events Services	Dallas Convention Center	650 S. Griffin St.
Communication and Information Services	Radio Shop	3131 Dawson St.
Courts and Detention Services	Dallas Marshal Office	1600 Chestnut St.
Dallas Fire-Rescue	Fire Prevention Office	1551 Baylor St.
Dallas Fire-Rescue	Fire Maintenance Facility	5000 Dolphin Road
Dallas Fire-Rescue	Fire Training Facility	5000 Dolphin Road
Dallas Fire-Rescue	Station 01	1901 Irving Blvd
Dallas Fire-Rescue	Station 02	4211 Northaven Rd
Dallas Fire-Rescue	Station 03	500 N. Malcolm X Blvd.
Dallas Fire-Rescue	Station 04	816 S. Akard St.
Dallas Fire-Rescue	Station 05	2039 N. St. Augustine Rd.

City of Dallas Municipal Facilities

Department	Facility	Location
Dallas Fire-Rescue	Station 06	2808 S. Harwood St.
Dallas Fire-Rescue	Station 07	6010 Davenport Rd.
Dallas Fire-Rescue	Station 08	1904 N. Garrett Av.
Dallas Fire-Rescue	Station 09	2002 Cool Mist Ln
Dallas Fire-Rescue	Station 10	4451 Frankford Rd
Dallas Fire-Rescue	Station 11	3828 Cedar Springs Rd.
Dallas Fire-Rescue	Station 12	7520 Wheatland Rd
Dallas Fire-Rescue	Station 13	6902 Frankford Rd
Dallas Fire-Rescue	Station 14	1005 W. 12th St.
Dallas Fire-Rescue	Station 15	111 E. 8th St.
Dallas Fire-Rescue	Station 16	2616 Chalk Hill Rd
Dallas Fire-Rescue	Station 17	6045 Belmont Ave.
Dallas Fire-Rescue	Station 18	660 N. Griffin Blvd
Dallas Fire-Rescue	Station 19	5600 E. Grand Ave.
Dallas Fire-Rescue	Station 20	12727 Montfort Dr
Dallas Fire-Rescue	Station 21	3210 Love Field Dr.
Dallas Fire-Rescue	Station 22	12200 Coit Rd
Dallas Fire-Rescue	Station 23	1660 Corinth St
Dallas Fire-Rescue	Station 24	2426 Elsie Faye Heggins St.
Dallas Fire-Rescue	Station 25	2112 56th St.
Dallas Fire-Rescue	Station 26	3303 Sheldon Ave
Dallas Fire-Rescue	Station 27	8401 Douglas Ave
Dallas Fire-Rescue	Station 28	8701 Greenville Ave
Dallas Fire-Rescue	Station 29	9830 Shadow Way
Dallas Fire-Rescue	Station 30	11381 Zodiac Ln
Dallas Fire-Rescue	Station 31	9365 Garland Rd
Dallas Fire-Rescue	Station 32	4262 N. Jim Miller Rd.
Dallas Fire-Rescue	Station 33	754 W. Illinois Ave. Ave
Dallas Fire-Rescue	Station 34	1234 Carbona Drive
Dallas Fire-Rescue	Station 35	3839 Walnut Hill Ave
Dallas Fire-Rescue	Station 36	3241 N. Hampton Rd
Dallas Fire-Rescue	Station 37	6780 Greenville Ave
Dallas Fire-Rescue	Station 38	3015 Chapel Oaks

City of Dallas Municipal Facilities

Department	Facility	Location
Dallas Fire-Rescue	Station 39	2850 Ruidosa
Dallas Fire-Rescue	Station 40	2440 Kimwood Dr.
Dallas Fire-Rescue	Station 41	5920 Royal Ln
Dallas Fire-Rescue	Station 42	3333 W. Mockingbird
Dallas Fire-Rescue	Station 43	2844 Lombardy Ln
Dallas Fire-Rescue	Station 44	4114 Frank St.
Dallas Fire-Rescue	Station 45	716 W. Commerce St
Dallas Fire-Rescue	Station 46	331 E. Camp Wisdom
Dallas Fire-Rescue	Station 47	7161 Envoy St.
Dallas Fire-Rescue	Station 48	10480 E. Northwest Hwy
Dallas Fire-Rescue	Station 49	4901 S. Hampton Rd.
Dallas Fire-Rescue	Station 50	841 S. Walton Walker Blvd.
Dallas Fire-Rescue	Station 51	200 S. St. Augustine
Dallas Fire-Rescue	Station 52	2504 Cockrell Hill Rd
Dallas Fire-Rescue	Station 53	1407 John West Rd
Dallas Fire-Rescue	Station 54	6238 Bonnie View rd
Dallas Fire-Rescue	Station 55	6600 Trammel Drive
Dallas Fire-Rescue	Station 56	7040 Belt Line Rd
Dallas Fire-Rescue	Station 57	10801 Audelia Rd
Dallas Police	Northwest Patrol	9809 Harry Hines Blvd
Dallas Police	Southwest Patrol	2411 Valleria Dr.
Dallas Police	Central Operations- inc. traffic, tactical, patrol	3111 Dawson St.
Dallas Police	Property Unit	1725 Baylor St.
Dallas Police	Auto Impound	1955 Vilbig Rd.
Dallas Police	Helicopter Unit	5775 Chuck Taylor
Dallas Police	Fire Arms Training Facility	3200 Mountain Creek Parkway
Dallas Police	Communications-911	1500 Marilla St., L1
Dallas Police	Crime Lab - Jack Evans	1400 S. Lamar St.
Dallas Police	Police Academy	5310 Red Bird Center Dr.
Dallas Police	Far North Patrol	6969 McCallum Blvd.
Dallas Police	Love Field	8008 Cedar Springs Rd.
Dallas Police	Northeast Patrol	9915 Northwest Highway
Dallas Police	DPD Headquarters - Jack Evans	1400 S. Lamar

City of Dallas Municipal Facilities

Department	Facility	Location
Dallas Police	South Central Patrol	1999 E. Camp Wisdom Rd.
Dallas Police	Quartermaster	1400 S. Lamar
Dallas Police	Southeast Patrol	725 N. Jim Miller
Dallas Police	Parking Enforcement	320 E. Jefferson Blvd.
Dallas Police	North Central- Bait Car Garage	6969 McCallum Blvd.
Dallas Police	Mounted Unit	1331 S. Washington St.
Dallas Water Utilities	Distribution North Repair	9805 Harry Hines
Dallas Water Utilities	Material Services Yard 4	9805 Harry Hines
Dallas Water Utilities	Wastewater Collections- South Repair and Operations Support	2545 Valleria Dr.
Dallas Water Utilities	Material Services Yard 3	2545 Valleria Dr.
Dallas Water Utilities	Material Services Yard 1	2900 Municipal St.
Dallas Water Utilities	Distribution Meter Activities	2861 Municipal St.
Dallas Water Utilities	Meter Repair & Testing	2821 Municipal St.
Dallas Water Utilities	Wastewater Collections	8915 Adlora
Dallas Water Utilities	Material Services Yard 5	7777 Goforth Rd.
Dallas Water Utilities	Bachman Water Treatment Plant	2605 Shorecrest
Dallas Water Utilities	Central Wastewater Treatment Plant	1020 Sargent Rd.
Dallas Water Utilities	Elm Fork Water Treatment Plant	1440 Whitlock Lane, Carrollton
Dallas Water Utilities	Southside Wastewater Treatment Plant	10011 Log Cabin Rd.
Dallas Water Utilities	Eastside Water Treatment Plant	405 Long Creek Rd., Sunnyvale
Dallas Water Utilities	White Rock Lift Station	2900 White Rock Rd.
Dallas Water Utilities	Support and Regulatory Services	8239 Hoyle
Dallas Water Utilities	PALS Admin and Enforcement	2626 Lombardy
Dallas Water Utilities	White Rock Maint. And Operations	2900 White Rock
Dallas Water Utilities	White Rock Dam	2900 White Rock
Dallas Water Utilities	Operations and Maint.	8231 Hoyle
Dallas Water Utilities	Lake Ray Hubbard Dam	3414 Gloria Rd., Sunnyvale
Dallas Water Utilities	South Repair	4120 Scottsdale
Dallas Water Utilities	Distribution Heavy repair Storage Yard	2901 Municipal St.
Dallas Water Utilities	MSD Yard 7	1440 Whitlock Lane, Carrollton
Dallas Water Utilities	MSD Yard 8	1020 Sargent Rd.
Dallas Water Utilities	MSD Yard 9	10011 Log Cabin Rd.
Dallas Water Utilities	PALS	1020 Sargent Rd.

City of Dallas Municipal Facilities

Department	Facility	Location
Dallas Water Utilities	PALS	10011 Log Cabin Rd.
Dallas Water Utilities	Abrams Pumping Station	9241 Forest
Dallas Water Utilities	Alta Mesa Pumping Station	6540 Teague Dr.
Dallas Water Utilities	Bachman Pump Station	9501 Harry Hines
Dallas Water Utilities	Balch Springs Pump St	12631 Lake June Rd.
Dallas Water Utilities	Beltwood Pump Station	4799 Beltline Rd
Dallas Water Utilities	Camp Wisdom Pump St	7015 Amercian Way
Dallas Water Utilities	Cedar Crest Pump	1850 E. Illinois Ave.
Dallas Water Utilities	Cosa Crest Pump Station	7040 La Cosa Dr.
Dallas Water Utilities	Doran Pump Station	8105 Doran circle
Dallas Water Utilities	Elm Fork 1 - Pump St	1400 Whitlock
Dallas Water Utilities	Elm Fork 3 - Pump Station	1400 Whitlock
Dallas Water Utilities	Frazier Dam	3500 E. Airport
Dallas Water Utilities	Greenville Pump Station	4214 Greenville
Dallas Water Utilities	Greenville NO.Pump Station	4211 Matilda St.
Dallas Water Utilities	HoylePump Station	8231 Hoyle Ave
Dallas Water Utilities	Jim Miller Pump Station	5200 Jim Miller
Dallas Water Utilities	Lake June Pump Station	1031 Algonquin Dr.
Dallas Water Utilities	Lone Star Pump Station	1902 Westmorland
Dallas Water Utilities	Meandering Pump Station	7600 La Cosa Dr
Dallas Water Utilities	Parkway Pump Station	17670 N. Dallas Pkwy
Dallas Water Utilities	Red Bird Pump Station	3937 Bronze Way
Dallas Water Utilities	Sorcey Rd Pump Station	7569 Mt. Creek Blvd
Dallas Water Utilities	Southcliff Pump Station	7700 Houston School
Dallas Water Utilities	Sunset Pump Station	303 Chalmers St
Dallas Water Utilities	Walcrest Pump Station	9830 Hillcrest
Dallas Water Utilities	Walnut HillPump Station	3820 Walnut Hill Ln
Dallas Water Utilities	Whispering Pump Station	12806 Whispering Hills
Dallas Water Utilities	bachman lake dam	
Dallas Water Utilities	california crossing dam	
Dallas Water Utilities	carrollton dam	
Dallas Water Utilities	new frasier dam	
Dallas Water Utilities	Cadiz Pump Station	315 Cadiz St.

City of Dallas Municipal Facilities

Department	Facility	Location
Dallas Water Utilities	Bachman WTP Pump Station	2525 Shorecrest
Dallas Water Utilities	Lake June Pump Station	1031 Algonquin
Dallas Water Utilities	Winsted Sewer Lift Station	2200 Winsted
Dallas Water Utilities	Iron Bridge Pump Station	4777 Hunt Cr. 3706, Wills Point
Dallas Water Utilities	Tawakoni Balancing reservoir	17030 Kaufman Cr 246, Terrell
Equipment and Building Services	Fleet Operations	9809 Harry Hines
Equipment and Building Services	Fuel Island	9809 Harry Hines
Equipment and Building Services	Parts	9809 Harry Hines
Equipment and Building Services	Fleet Operations	2411 Valleria Dr.
Equipment and Building Services	Fuel Island	2411 Valleria Dr.
Equipment and Building Services	Parts	2411 Valleria Dr.
Equipment and Building Services	Fleet Operations	8935 Adlora
Equipment and Building Services	Fuel Island	8935 Adlora
Equipment and Building Services	Parts	8935 Adlora
Equipment and Building Services	Fleet Operations (inc Automotive Training)	2761 Municipal St.
Equipment and Building Services	Heavy Shop (inc Welding Shop)	2761 Municipal St.
Equipment and Building Services	Fueling Island (inc CNG Station)	2761 Municipal St.
Equipment and Building Services	Parts (inc Fleet & Heavy)	2761 Municipal St.
Equipment and Building Services	Building Services/Admin/Procurement/Fuel Inventory/Mgt Systems (EBS HQ)	3202 Canton
Equipment and Building Services	Fuel Island	3111 Dawson St.
Equipment and Building Services	Parts	3111 Dawson St.
Equipment and Building Services	Fleet Operations	3111 Dawson St.
Equipment and Building Services	Roofing Section	1602 Pearlstone
Equipment and Building Services	Warehouse	3203 Canton
Equipment and Building Services	Make Ready	501 Leatherneck
Equipment and Building Services	Salvage Yard	501 Leatherneck
Equipment and Building Services	Body Shop (office no actual shop)	501 Leatherneck
Equipment and Building Services	Tire Shop	501 Leatherneck
Equipment and Building Services	Custodial (inc garage)	500 Marilla
Equipment and Building Services	Central Building District (inc Electrical /Carpentry/HVAC/ Plumbing)	1500 Marilla
Equipment and Building Services	Security/Parking	1500 Marilla
Equipment and Building Services	City Hall Main Office (inc Dispatch/Room Reservations/Tech)	1500 Marilla

City of Dallas Municipal Facilities

Department	Facility	Location
Equipment and Building Services	East Building District (inc Custodial Electrical/Carpentry/HVAC/ Plumbing)	2761 Municipal St.
Equipment and Building Services	West Building District (inc Custodial Electrical/Carpentry/HVAC/ Plumbing)	4020 W. Illinois Ave.
Equipment and Building Services	Arts Building District (inc Custodial Electrical/Carpentry/HVAC/ Plumbing)	1717 N. Harwood
Equipment and Building Services	North Central Police Station Fuel Island	6969 McCallum
Equipment and Building Services	South Central Police Station Fuel Island	1999 Camp Wisdom
Equipment and Building Services	SE Police Station Fuel Island	725 N. Jim Miller
Equipment and Building Services	OCMC- Bldg. Maint	320 E. Jefferson Blvd.
Equipment and Building Services	OCMC- Security	320 E. Jefferson Blvd.
Equipment and Building Services	Jack Evans- Bldg Maint	1400 S. Lamar
Equipment and Building Services	Jack Evans- Custodial	1400 S. Lamar
Equipment and Building Services	Courts- Security	2014 Main
Equipment and Building Services	Courts- Bldg Maint	2014 Main
Equipment and Building Services	Courts- Custodial	2014 Main
Equipment and Building Services	Fuel Management	Central-3202 Canton
Equipment and Building Services	MLK- Security	2922 MLK Blvd.
Equipment and Building Services	MLK- Custodial	2922 MLK Blvd.
Equipment and Building Services	Central Library- Custodial	1515 Young St.
Equipment and Building Services	Central Library- Bldg. Maint.	1515 Young St.
Equipment and Building Services	Central Library- Security	1515 Young St.
Equipment and Building Services	West Dallas Multicultural Center- Custodial	2828 Fishtrap
Equipment and Building Services	Thanksgiving Square- Custodial	1627 Pacific
Equipment and Building Services	Motor Pool	3202 Canton
Equipment and Building Services	OCMC- Custodial	320 E. Jefferson Blvd.
Public Works	Design and Construction- previously EBS	320 E. Jefferson Blvd.
Public Works	Air Compliance Enforcement	320 E. Jefferson Blvd.
Park and Recreation	Dallas Zoo	650 S. R.L. Thornton Fwy.
Park and Recreation	Southwest Service Center	4140 W. Illinois Ave. Ave.
Park and Recreation	I.C. Harris Service Center	5620 Parkdale Dr.
Park and Recreation	White Rock Serv. Center	830 E. Lawther Dr.
Park and Recreation	Crawford Service Center	8740 Elam Rd.
Park and Recreation	Pennsylvania Service Center	4301 Pennsylvania Ave.
Park and Recreation	Mountain Creek Service Center	3436 Mountain Crek Parkway

City of Dallas Municipal Facilities

Department	Facility	Location
Park and Recreation	Bachman Service Center	2530 Webb Chapel Ext.
Park and Recreation	Fair Oaks Service Center	7803 Fair Oaks
Park and Recreation	Fair Park Maint.	1240 Washington
Park and Recreation	Cedar Crest Golf Course	1800 Southerland
Park and Recreation	Stevens Park Golf Course	1005 N. Montclair
Park and Recreation	Keeton Park Golf Course	2323 Jim Miller Road
Park and Recreation	Tenison Glen & Tenison Highlands Golf Course	3501 Samuell Blvd.
Park and Recreation	Luna Vista Golf Course	11223 Luna Road
Park and Recreation	L.B. Houston Tennis Center	11225 Luna Road
Park and Recreation	Samuel Grand Tennis Center	6220 E. Grand Ave.
Park and Recreation	Fretz Tennis Center	698 Beltline Rd.
Park and Recreation	Fair Oaks Tennis Center	7501 Merriman Parkway
Park and Recreation	Cotton Bowl	Fair Park
Park and Recreation	Dallas Children's Aquarium	1462 First Avenue
Park and Recreation	Discovery Gardens	3601 Martin Luther King Jr. Blvd.
Park and Recreation	Gexa Energy Pavilion	1818 1st Ave.
Park and Recreation	Samuell Grand Pool	3201 Samuell Blvd.
Park and Recreation	Bonnieview Pool	2124 Huntingdon
Park and Recreation	Glendale Pool	1534 Five Mile Drive
Park and Recreation	Tietze Pool	6115 Llano Ave.
Park and Recreation	Everglade Pool	5100 N. Jim Miller
Park and Recreation	Exline Pool	2430 Eugene
Park and Recreation	Pleasant Oaks Pool	8701 Greenmound
Park and Recreation	Tommie Allen Pool	6901 Bonnieview
Park and Recreation	Kidd Springs Pool	807 W. Canty
Park and Recreation	Martin Weiss Pool	3340 W. Clarendon
Park and Recreation	Grauwylar Pool	2157 Anson
Park and Recreation	Hattie R. Moore Pool	3122 N. Winnetka
Park and Recreation	Jaycee Zaragoza Pool	3125 Tumalo
Park and Recreation	Fretz Pool	14778 Hillcrest
Park and Recreation	Lake Highlands Pool	9940 White Rock Trail
Park and Recreation	Harry Stone Pool	2403 Millmar Drive
Park and Recreation	Bahama Beach	1895 Campfire Circle

City of Dallas Municipal Facilities

Department	Facility	Location
Park and Recreation	Walnut Hill Pool	4141 Walnut Hill
Park and Recreation	Bachman Indoor Pool	2750 Bachman Dr.
Park and Recreation	Anita Martinez Rec. Center	3212 N. Winnetka Ave.
Park and Recreation	Arcadia Rec. Center	5420 N Arcadia Dr.
Park and Recreation	Arlington Park Rec. Center	1505 Record Crossing
Park and Recreation	Bachman Therapeutic Rec. Center	2750 Bachman Dr
Park and Recreation	Beckley Saner Rec. Center (inc. sprayground)	114 W. Hobson
Park and Recreation	Campbell Green Rec. Center (inc. sprayground)	16600 Parkhill Dr.
Park and Recreation	Churchill Rec. Center	6906 Churchill Way
Park and Recreation	Cummings Rec. Center	2976 Cummings
Park and Recreation	Eloise Lundy Rec. Center	1229 Sabine
Park and Recreation	Exall Rec. Center	1355 Adair
Park and Recreation	Exline Rec. Center	2525 Pine
Park and Recreation	Fireside Rec. Center	8601 Fireside
Park and Recreation	Fretz Rec. Center	6950 Beltline
Park and Recreation	Fruitdale Rec. Center	4408 Vandervort
Park and Recreation	Grauwylor Rec. Center	7780 Harry Hines
Park and Recreation	Harry Stone Rec. Center	2403 Millmar
Park and Recreation	Janie C. Turner Rec. Center	6424 Elam
Park and Recreation	Jaycee Zaragoza Rec. Center	3114 Clymer
Park and Recreation	John C. Phelps Rec. Center	3030 Tips Blvd.
Park and Recreation	Juanita J. Craft Rec. Center	4500 Spring Ave.
Park and Recreation	K.B. Polk Rec. Center	6801 Roper
Park and Recreation	Kidd Springs Rec. Center	711 W. Canty
Park and Recreation	Kiest Rec. Center	3081 S. Hampton
Park and Recreation	Kleberg Rylie Rec. Center	1515 Edd
Park and Recreation	Lake Highlands Rec. Center (inc. sprayground)	9940 White Rock Trail
Park and Recreation	Larry Johnson Rec. Center	3700 Dixon Ave.
Park and Recreation	Marcus Rec. Center	3003 Northaven
Park and Recreation	MLK Jr. Rec. Center	2922 MLK Blvd
Park and Recreation	Martin Weiss Rec. Center	1111 Martindell Ave
Park and Recreation	Mildred L. Dunn Rec. Center	3322 Reed Ln.
Park and Recreation	Nash/Davis Rec. Center	3710 N. Hampton

City of Dallas Municipal Facilities

Department	Facility	Location
Park and Recreation	Park In The Woods Rec. Center	6801 Mt Creek Pkwy
Park and Recreation	Pleasant Oaks Rec. Center	8701 Greenmound
Park and Recreation	Reverchon Rec. Center	3505 Maple Ave
Park and Recreation	Ridgewood Belcher Rec. Center (inc. sprayground)	6818 Fisher Rd.
Park and Recreation	Samuell Grand Rec. Center	6200 E. Grand Ave
Park and Recreation	Singing Hills Rec. Center	1909 Crouch Road
Park and Recreation	Timberglen Recreation Center	3810 Timberglen Rd. Dallas, TX 75287
Park and Recreation	Thurgood Marshall Rec. Center	5150 Mark Trail
Park and Recreation	Tommie Allen Rec. Center	7071 Bonnieview Road
Park and Recreation	Walnut Hill Rec. Center	10011 Midway Rd.
Park and Recreation	Umphress Rec. Center	7616 Umphress
Park and Recreation	Willie B. Johnson Rec. Center	12225 Willowdell
Park and Recreation	Danielsdale Sprayground	300 W. Wheatland Rd.
Park and Recreation	Ferguson Sprayground	1900 Gross Rd.
Park and Recreation	Lake Highlands Sprayground	9344 Church Rd.
Park and Recreation	Mildred Dunn Sprayground	3300 Carpenter Ave.
Park and Recreation	Pimberton Hill Sprayground	6424 Elam Rd.
Park and Recreation	Umphress Sprayground	7700 Umphress
Park and Recreation	Willie Mae Butler Sprayground	3700 Dixon Ave.
Park and Recreation	Event and Reservation Office (Flag Pole Hill)	8100 Doran Circle
Park and Recreation	Southern Skates	2939 E. Ledbetter Dr.
Park and Recreation	Planning and Design (City Hall)	1500 Marilla St.
Park and Recreation	Dallas Arboretum	8525 Garland Rd. Dallas, TX 75218
Park and Recreation	Trinity River Audobon Center	6500 Great Trinity Forest Way, Dallas, TX 75217
Park and Recreation	Winfrey Point (White Rock Lake)	950 E. Lawther
Park and Recreation	Big Thicket (White Rock Lake)	430 E. Lawther
Park and Recreation	Cedar Ridge Preserve	7171 Mountain Creek Parkway Dallas, TX 75249
Park and Recreation	Elm Fork Shooting Complex (PKR owns land only)	10751 Luna Road
Park and Recreation	Kiest Tennis Center	2324 W. Kiest Blvd.
Park and Recreation	Marcus Annex	2910 Modella
Sanitation Services	Districts 3 & 4	9811 Harry Hines
Sanitation Services	Quartermaster Shed	9811 Harry Hines
Sanitation Services	District 2	2423 Valleria Dr.

City of Dallas Municipal Facilities

Department	Facility	Location
Sanitation Services	District 1	2721 Municipal St.
Sanitation Services	Special Services	6500 Bexar St.
Sanitation Services	Administration	3112 Canton St.
Sanitation Services	District 5	3112 Canton St.
Sanitation Services	McCommas Landfill	5100 Youngblood Rd.
Sanitation Services	Bachman Transfer	9500 Harry Hines
Sanitation Services	Fair Oaks Transfer	7677 Fair Oaks Blvd.
Sanitation Services	Southwest Transfer	4610 S. Westmoreland
Street Services	District 3	9811 Harry Hines
Street Services	District 4	8955 Adlora
Street Services	Administration, District 1, Inspection	2710 Municipal St.
Street Services	District 2	2505 Valleria Dr.
Street Services	Traffic Field Operations	3204 Canton St.
Street Services	Bachman Warehouse	9500 Harry Hines
Trinity Watershed Management	Flood Control	2255 & 2645 Irving Blvd
Trinity Watershed Management	Hazardous Waste Yard	505 Hensley Field Dr.
Trinity Watershed Management	Stormwater Management	320 E. Jefferson Blvd.

RECYCLE RIGHT RECYCLE MORE



Remember, used motor oil can be recycled. Recycling oil helps the environment, saves energy, and protects our drinking water.



Publication No. 13/14-43

You dump it, you drink it.
Recycle used motor oil.



1 gallon of oil contaminates 1 million gallons of drinking water.

Recycling Used Motor Oil

It's Easy, Helps the Environment, and Protects Our Drinking Water

FACT:

Used motor oil and other automotive chemicals can get into our water supply through improper disposal or by illegal dumping into a storm drain. Motor oil and automotive chemicals dumped into a storm drain, goes directly to the nearest lake, river, or stream and it does not get treated or cleaned.

DID YOU KNOW?

Poorly maintained motor vehicles can leak fluids onto road ways that washes into storm drains every time it rains.

FACT:

Used motor oil dumped onto the ground seeps into the ground water and eventually into the water supply.

DID YOU KNOW?

Used motor oil contains heavy metals and additives that are toxic to humans and wildlife.

FACT:

When oil pollutes water it becomes floating scum on the surface. This oil scum can stop sunlight and oxygen from getting into the water, affecting fish and plants. It can kill fish, frogs, and other animals that breathe from the water's surface.

Why Should You Care?

By recycling motor oil this helps to protect our environment by keeping used oil out of soil and our drinking water.

One gallon of used oil can contaminate up to one million gallons of water.

Water is a finite resource and all life depends on it.

How You Can Help

1. Take Caution

Try not to spill any oil on the ground and if you do, clean it up.

2. Contain

Put your used motor oil in a clean plastic container with a tight lid. Never store used oil in a container that once held chemicals, food, or beverages.

3. Do Not Mix

Never mix chemicals. Mixing chemicals can be dangerous and could cause a negative reaction, threatening health and safety.

4. Recycle

Take used motor oil to a service station or other locations that collect motor oil for recycling. Many locations will accept it free of charge. To find recyclers in your area, please call 1-800-253-2687 or visit <http://earth911.com/recycling/>.

The Dallas County Home Chemical Collection Center (HC3) located at 11234 Plano Road Dallas, TX 75243 accepts used motor oil. You will need your driver's license and a utility bill to prove residency. For more information please call 214-553-1765.



The City of Dallas Waste Diversion Program has a mobile unit that will accept batteries, oils, latex paints, and antifreeze (B.O.P.A.). This drop off service is offered to the public free of charge. Some restrictions apply. For more information, please call 214-670-4475 or visit http://www.dontwastetoday.com/BOPA_HHW.html

Did you know?



- All the trash you can see and the pollutants you can't see – like toxic chemicals, pesticides, soap, and germs – end up in our neighborhood creeks, rivers, and lakes. So, let's do our part to keep stormwater clean.
- Only 1% of the water on Earth is readily available for human use. This water recycles through the water cycle. We are using the same water from years ago.
- In just ONE day, 450 tons of pet waste is produced by the estimated 1.2 million dogs in the Dallas/Ft. Worth area!
- The City of Dallas gets all its drinking water from reservoir lakes. When we pollute our stormwater, we increase the time and cost of cleaning this water before it is sent to our homes. Preventing stormwater pollution not only save the environment, it also saves you money.
- The pollution of lakes, creeks, and rivers can prevent us from enjoying recreational activities like boating, fishing, and swimming.
- There are over 70,000 storm drain inlets in the City of Dallas. When they become clogged with trash and yard waste, they must be cleaned. The cost to clean all 70,000 storm drain inlets only one time is about \$3.3 million.
- More than 7 types of harmful pesticides and herbicides washed down storm drains are found in the Trinity River.
- One gallon of soap washed down a storm drain can pollute 200,000 gallons of water.



If you would like a **FREE** presentation regarding stormwater pollution prevention or permit requirements, contact the Stormwater Management Outreach Team at stormwater@dallascityhall.com or call 214-948-4022.

City of Dallas
Trinity Watershed Management
Stormwater Management
320 E. Jefferson Blvd, Room 108
Dallas, TX 75203
214-948-4022
stormwater@dallascityhall.com

Visit www.wheredoesitgo.com and www.trinity-trudy.org for more information on stormwater pollution prevention.

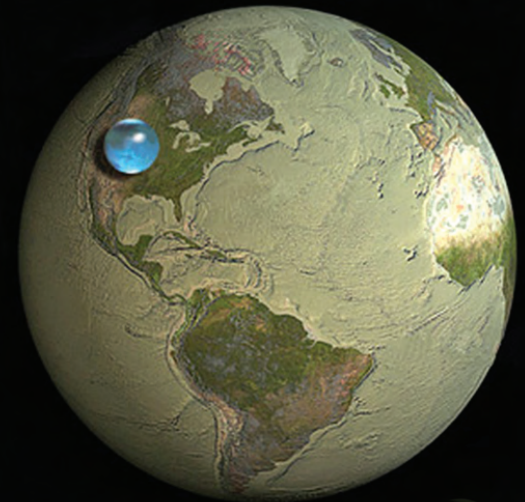


City of Dallas

Publication No. 11-12-10

8ight BEFORE it's too late

What you can do
to protect your water supply.



8 things you can do to help keep our stormwater and local water bodies clean.

1. Dispose of used motor oil responsibly - recycle it.

Recycle used motor oil free of charge at most oil service centers, full service gas stations, or auto parts stores. To find a location close to you, go to www.earth911.org.

2. Take your household waste to a home chemical collection center. Use non-toxic alternatives.

Dispose of paint, oil, solvents, and unwanted household chemicals at the Dallas County Home Chemical Collection Center (HC3), 11234 Plano Rd., Dallas, TX 75243.

The HC3 accepts household hazardous waste from Dallas County residents for FREE. For more information visit www.dcf.org/hhw/hcc.htm or call 214-553-1765.

3. Use pesticides and slow release fertilizers properly. Use non-toxic or organic alternatives.

Follow all manufacturer directions; do not over apply.

Avoid applying lawn chemicals right before it rains or on a windy day.

4. Wash your car at a car wash.

Commercial car washes are connected to the sanitary sewer system, which discharges to the wastewater treatment plant.

Soapy water from commercial car washes is treated at the wastewater treatment plant before it is discharged into the Trinity River. Soapy water that enters the storm drain system is not treated before it is discharged into the Trinity River.

5. Keep storm drains free of grass and yard waste.

Sweep grass clippings and leaves from sidewalks, driveways, and streets.

Mulch or compost yard waste for future use on your lawn.

Yard waste can clog the storm drains in your neighborhood and cause flooding.

6. Pick up after your pets.

Pet waste contains parasites, bacteria, or viruses that can enter our waterways when it rains.

Dallas City Code requires pet owners to pick up after their dogs when walking them.

Dispose of pet waste by throwing it in a trash can or flushing it down the toilet.

7. Place your trash where it belongs - in a trash can.

Litter is unsightly, unsanitary, and dangerous.

Trash can clog storm drains and pollute the rivers and lakes we recreate in.



8. Report stormwater polluters and water quality problems.

Call the City of Dallas Non-Emergency Hotline at 311 or call Stormwater Management at 214-948-4022.

Remember, it is easier and cheaper to prevent stormwater pollution than it is to clean it up!

Where does the litter go, when it goes with the flow?



Solid waste (fast food packaging, plastic grocery bags, and cigarette butts) and recyclable items (paper, aluminum cans, plastic bottles, and glass bottles) that are disposed of improperly can make their way into our creeks, lakes, and the Trinity River.

When it rains, stormwater runoff carries litter into storm drain inlets and then flows through underground pipes until it discharges into the nearest body of water. Because stormwater is not treated, any litter or other pollution carried with it can negatively impact our creeks, lakes, and the Trinity River.

You can help keep our stormwater and local water bodies clean by following these tips:

- Don't be a litter bug. Dispose of your litter properly: use trash cans or recycling carts.
- Keep garbage and recycling cart lids closed to prevent wind or animals from spreading litter.
- Clean up after yourself. Keep it clean for the next visitor.



To report stormwater polluters call 3-1-1.

Publication No. 10/11:57



For more information
on stormwater pollution prevention contact:

City of Dallas, Stormwater Management
214-948-4022

stormwater@dallascityhall.com
www.wheredoesitgo.com & www.trinity-trudy.org

Size: 7" x 9.5"- letterfolds to 7" x 3.25"

Table B-1a Wet Weather Data - Local Watershed Program											
HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Biochemical Oxygen Demand (mg/L)	Chemical Oxygen Demand (mg/L)	Nitrogen, Total Kjeldahl (mg/L)	Phosphorus, Dissolved (as p) mg/L	Total Nitrogen (calculated)
Bachman Branch-Elm Fork Trinity River	UBAC1	12/16/2017	11.8	8.11	0.55	0.041	<2.0	<35.0	<0.50	0.014	0.55
		7/9/2018	27.2	7.34	6.6	0.13	7.3	39.0	1.6	<0.050	8.2
	LBAC1	10/22/2017	22.2	7.92	0.33	0.20	2.2	<35.0	0.70	0.21	1.0
		7/9/2018	27.0	7.69	<1.0	0.13	4.1	56.5	1.4	0.32	1.4
Floyd Branch-White Rock Creek	FLBR1	10/03/2017	27.3	7.92	5.2	0.77	2.6	50.4	1.6	0.77	6.8
		8/9/2018	25.9	7.91	10.4	2.1	6.5	<35.0	3.2	2.0	13.6
Upper Prairie Creek-Trinity River	PRAI3	11/18/2017	16.7	7.53	<0.10	0.034	2.1	59.8	<0.50	0.032	0.50
		06/04/2018	23.9	7.67	2.4	0.42	7.0	65.3	2.0	0.13	4.4
Headwaters - White Rock Creek	UWRC1	10/15/2017	22.7	7.99	0.25	0.048	<2.0	<35.0	<0.50	0.048	0.75
		9/3/2018	26.1	7.58	<0.050	0.065	3.5	39.0	0.86	0.099	0.86

Table B-1a (continued) Wet Weather Data - Local Watershed Program								
HUC Watershed	Sample ID	Collection Date	E.coli (MPN)	Total Coliform (MPN)	Oil & Grease (mg/L)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Hardness (mg/L)
Bachman Branch-Elm Fork Trinity River	UBAC1	12/16/2017	63	1396	<2.6	16	561	272
		7/9/2018	3654	TNTC	<2.6	29	510	229
	LBAC1	10/22/2017	109	14136	<2.6	67	292	190
		7/9/2018	2603	TNTC	<2.6	254	165	153
Floyd Branch-White Rock Creek	FLBR1	10/03/2017	5794	TNTC	<2.6	41	314	132
		8/9/2018	19863	141360	<2.6	87	520	217
Upper Prairie Creek-Trinity River	PRAI3	11/8/2017	61	4252	<2.7	30	320	207
		06/04/2018	1119.9	>2419.6	<2.5	203	171	168
Headwaters -White Rock Creek	UWRC1	10/15/2017	794	41060	<2.6	25	285	167
		9/3/2018	30	17329	<2.5	32	314	209

Table B-1b Wet Weather Data - Local Watershed Program								
HUC Watershed	Sample ID	Collection Date	Arsenic (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Lead (mg/L)	Zinc (mg/L)
Bachman Branch-Elm Fork Trinity River	UBAC1	12/16/2017	<0.020	<0.0050	<0.0070	<0.020	<0.010	<0.025
		7/9/2018	<0.020	<0.0050	<0.0070	<0.020	<0.010	<0.025
	LBAC1	10/22/2017	<0.020	<0.0025	<0.0070	<0.020	<0.015	0.041
		7/9/2018	<0.020	<0.0050	0.0091	0.020	0.013	0.066
Floyd Branch-White Rock Creek	FLBR1	10/03/2017	<0.020	<0.0025	<0.0070	<0.020	<0.015	0.037
		8/9/2018	<0.020	<0.0050	<0.0070	0.025	<0.015	0.037
Upper Prairie Creek-Trinity River	PRAI3	11/8/2017	<0.020	<0.0025	<0.0070	<0.020	<0.010	0.054
		06/04/2018	<0.020	<0.0050	<0.0070	<0.020	0.011	0.039
Headwaters - White Rock Creek	UWRC1	10/15/2017	<0.020	<0.0025	<0.0070	<0.020	<0.015	<0.025
		9/3/2018	<0.020	<0.0050	<0.0070	<0.020	<0.010	<0.025

Table B-1b Pesticides Wet Weather Data - Local Watershed Program				
HUC Watershed	Sample ID	Collection Date	Atrazine (µg/L)	Simazine (µg/L)
Bachman Branch-Elm Fork Trinity River	UBAC1	12/16/2017	<0.098	<0.068
		7/9/2018	<0.095	<.017
	LBAC1	10/22/2017	<0.097	<0.068
		7/9/2018	<0.096	<.017
Floyd Branch-White Rock Creek	FLBR1	10/03/2017	<0.51	<0.36
		8/9/2018	<0.096	<.017
Upper Prairie Creek-Trinity River	PRAI3	11/8/2017	Lab lost sample	<0.34
		06/04/2018	<0.095	<.017
Headwaters -White Rock Creek	UWRC1	10/15/2017	<0.49	<0.34
		9/3/2018	Lab did not report results	Lab did not report results

Table B-1b (cont.) Wet Weather Data - Regional Watershed Program

HUC Watershed	Sample ID	Collection Date	Water Temperature (°C)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrogen Total (mg/L)	Total Phosphorus (mg/L)	Dissolved Phosphorus (mg/L)	Chemical Oxygen Demand (mg/L)	Biochemical Oxygen Demand (mg/L)
Turtle Creek-Trinity river	TCTR-100	01/07/2018	14.6	59	996	4.9	0.20	0.15	52.9	7.6
		04/21/2018	18.5	224	544	1.2	0.21	<0.050	97.3	6.1
		07/30/2018	24.7	223	387	1.7	0.30	0.12	63.1	8.6
	TCTR -200	01/07/2018	14.5	53	320	2.2	0.16	0.12	61.6	8.8
		04/21/2018	18.4	144	218	2.1	0.10	<0.050	53.6	6.8
		07/30/2018	24.0	90	171	3.6	0.26	0.051	100	13.6
	TCTR -300	01/07/2018	13.4	98	617	5.3	0.40	0.19	77.0	9.3
		04/21/2018	17.8	189	205	1.9	0.37	<0.050	154	10.5
		07/30/2018	24.4	370	238	4.5	0.50	0.074	131	23.2
Headwaters Turtle Creek	HTC-100	02/06/2018	6.5	146	275	6.2	0.47	0.24	114	13.3
		05/03/2018	21.6	64.7	117	6.0	0.42	0.23	100	16.5
		9/14/2018	24.6	121	115	2.3	0.28	0.15	47.6	9.5
	HTC-200	02/06/2018	6.4	68	487	5.7	0.22	0.20	49.4	8.6
		05/03/2018	21.5	134	359	2.8	0.31	0.16	67.4	13.7
		9/14/2018	25.4	68	387	2.6	0.33	0.12	60.8	10.9
	HTC-300	02/06/2018	5.8	84	424	5.8	0.26	0.27	51.6	16.5
		05/03/2018	21.7	120	352	1.7	0.27	0.086	60.9	7.7
		9/14/2018	26.2	71	351	2.1	0.21	0.091	45.5	7.3

Table B-1b (cont.) Wet Weather Data - Regional Watershed Program

HUC Watershed	Sample ID	Collection Date	pH	Conductivity (µS/cm)	Oil & Grease (mg/L)	Arsenic Total (mg/L)	Chromium Total (mg/L)	Copper Total (mg/L)	Lead Total (mg/L)	Zinc total (mg/L)	Total Coliform (MPN/100 mg)	E. Coli (MPN/100 mg)
Turtle Creek-Trinity river	TCTR-100	01/07/2018	9.96	1859	<2.6	<0.020	<0.0070	<0.020	<0.010	0.044	>2419.6	>2419.6
		04/21/2018	7.95	1192	<2.6	<0.020	<0.0070	<0.020	<0.010	0.030	>4839.2	>4839.2
		07/30/2018	7.72	271	3.5	<0.020	<0.0070	0.026	<0.010	0.037	>2419.6	2419.6
	TCTR -200	01/07/2018	7.64	764	<2.6	<0.020	<0.0070	<0.020	<0.010	0.087	>2419.6	>2419.6
		04/21/2018	7.89	218	<2.6	<0.020	<0.0070	<0.020	<0.010	0.026	>2419.6	1986.3
		07/30/2018	7.36	330	<2.6	<0.020	<0.0070	0.022	<0.010	0.067	1011.2	1011.2
	TCTR -300	01/07/2018	8.31	1030	<2.6	<0.020	<0.0070	<0.020	<0.010	0.092	>2419.6	579.4
		04/21/2018	7.89	1315	<2.6	<0.020	<0.0070	0.022	0.011	0.14	>2419.6	517.2
		07/30/2018	7.55	642	<2.6	<0.020	0.015	0.024	0.029	0.16	>2419.6	816.4
Headwaters Turtle Creek	HTC-100	02/06/2018	8.01	616	3.8	<0.020	<0.0070	0.020	0.018	0.13	>2419.6	>2419.6
		05/03/2018	7.80	873	4.0	<0.020	<0.0070	<0.020	0.013	0.093	>2419.6	139.6
		9/14/2018	6.85	253	<2.6	<0.020	<0.0070	<0.020	<0.010	0.068	TNTC	64880
	HTC-200	02/06/2018	7.94	820	<2.6	<0.020	<0.0070	<0.020	0.012	0.052	>2419.6	104.6
		05/03/2018	8.01	695	3.6	<0.020	0.0079	0.024	0.026	0.13	>2419.6	>2419.6
		9/14/2018	7.46	670	<2.6	<0.020	<0.0070	<0.020	0.018	0.068	198630	4611
	HTC-300	02/06/2018	7.76	677	10.2	<0.020	<0.0070	<0.020	<0.010	0.049	>2419.6	>2419.6
		05/03/2018	7.69	422	<2.6	<0.020	0.0096	<0.020	0.029	0.076	>2419.6	>2419.6
		9/14/2018	7.11	475	<2.7	<0.020	<0.0070	<0.020	0.015	0.038	241960	14136

Table B-1b cont., Pesticides			
Wet Weather Data - Regional			
HUC Watershed	Sample ID	Collection Date	Carbaryl (ug/L)
Turtle Creek-Trinity river	TCTR-100	01/07/2018	<0.050
		04/21/2018	8.7
		07/30/2018	<8.0
	TCTR -200	01/07/2018	<0.050
		04/21/2018	<5.0
		07/30/2018	<3.9
	TCTR -300	01/07/2018	<0.050
		04/21/2018	<5.0
		07/30/2018	<8.0
Headwaters Turtle Creek	HTC-100	02/06/2018	<5.1
		05/03/2018	<5.0
		9/14/2018	<3.9
	HTC-200	02/06/2018	<5.0
		05/03/2018	<5.0
		9/14/2018	<3.9
	HTC-300	02/06/2018	<5.1
		05/03/2018	<5.0
		9/14/2018	<3.9

Table B-2 Reference Sites Used for Rapid Bioassessment Program

HUC Watershed	Site	Reference Site
Bachman Branch – Elm Fork Trinity River	BAB-B – Bachman Branch site B	SMCA - South Mesquite Creek site A
White Rock Creek – White Rock Lake	DIX-A – Dixon Branch site A	SMCA - South Mesquite Creek site A
Five Mile Creek – Trinity River	FIV-A – Five Mile Creek site A	SMCA - South Mesquite Creek site A
Headwaters Turtle Creek	KNI-A – Knights Branch site A	SMCA - South Mesquite Creek site A

Table B-3C Rapid Bioassessment Protocol- Habitat Assessment Data 1								
HUC Watershed	Sample ID	Collection Date	Habitat Score	Average Stream Depth (meters)	Average Stream Width (meters)	Channel Alteration	Channel Sinuosity	Embeddedness
Bachman Branch - Elm Fork Trinity River	JOES-1	5/24/2018	148	0.52	15.24	11	8	8
		7/25/2018	149	0.30	4.57	11	8	10
	BAB-B	4/30/2018	136	0.17	6.40	8	12	8
		8/6/2018	176	0.10	2.13	11	13	13
	NWDA-1	5/24/2018	158	0.37	15.24	11	8	6
		7/25/2018	148	0.06	15.85	11	7	8
	RIB-A	5/9/2018	125	0.13	2.13	11	8	9
		7/17/2018	141	0.03	2.13	11	10	7
Delaware Creek - West Fork Trinity River	MOC-A	4/17/2018	157	0.14	5.70	14	13	17
		7/2/2018	170	0.17	5.79	11	11	13
Farmer's Branch - Elm Fork Trinity River	FARM-1	5/24/2018	206	0.03	19.51	11	11	13
		7/25/2018	204	0.03	18.29	11	13	9
	FIV-A	5/1/2018	Creek too deep tp collect macroinvertebrate samples and conduct habitat assessment					
		8/6/2018	Creek too deep tp collect macroinvertebrate samples and conduct habitat assessment					
	FIV-B	5/1/2018	123	0.37	12.20	12	8	5
		8/6/2018	123	0.19	9.45	11	8	12
	NEW-A	4/17/2018	123	0.19	6.70	7	10	7
		7/3/2018	117	0.11	2.44	11	13	9
	SEDA-1	5/10/2018	178	0.02	4.57	11	10	13
		7/24/2018	167	0.06	3.51	11	12	10
Floyd Branch - White Rock Creek	FLO-A	4/18/2018	144	0.06	5.80	16	12	13
		7/5/2018	144	0.10	3.05	11	8	13
	MCK-C	4/30/2018	135	0.05	3.66	10	8	13
		8/7/2018	168	0.04	3.20	11	13	13

Table B-3c (cont.)		Rapid Bioassessment Protocol Habitat Assessment Data 1						
HUC Watershed	Sample ID	Collection Date	Habitat Score	Average Stream Depth (meters)	Average Stream Width (meters)	Channel Alteration	Channel Sinuosity	Embeddedness
Headwaters Five Mile Creek	FIV-D	4/18/2018	175	0.09	5.03	11	12	16
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY
Headwaters Ten Mile Creek	TEN-B	4/17/2018	184	0.20	13.10	18	8	19
		7/2/2018	183	0.15	10.67	11	8	16
	TEN-D	4/18/2018	189	0.09	6.10	11	13	18
		7/5/2018	160	0.08	2.44	11	12	18
Headwaters Turtle Creek	CEB-B	5/1/2018	177	0.07	1.83	11	15	16
		8/6/2018	179	0.07	3.35	11	13	15
	KNI-A	5/1/2018	155	0.03	13.72	11	8	13
		8/6/2018	160	0.01	13.72	11	11	11
	TRO-A	5/9/2018	133	0.09	2.44	8	15	9
		7/16/2018	155	0.25	1.98	12	13	13
	TUR-A	5/9/2018	172	0.10	1.98	10	16	11
		7/18/2018	150	0.17	1.98	11	12	10
Prairie Creek - Trinity River	PRA-A	4/17/2018	163	0.24	6.40	13	11	12
		7/3/2018	135	0.13	3.35	11	12	13
South Mesquite Creek	SMC-A	4/30/2018	136	0.05	3.05	11	11	10
		8/6/2018	110	0.15	9.45	9	8	11
	SMC-B	5/9/2018	98	0.20	7.60	5	13	6
		7/16/2018	167	0.15	5.49	11	14	8
	SMC-C	5/9/2018	124	0.27	3.66	8	10	5
		7/18/2018	162	0.15	6.10	11	10	11
Turtle Creek - Trinity River	CEDR-1	5/10/2018	182	0.07	4.88	11	10	13
		7/24/2018	153	0.30	3.05	11	13	11
	COO-A	5/9/2018	167	0.61	1.83	10	11	12
		7/17/2018	160	0.06	3.20	11	12	13
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	126	0.06	1.37	11	12	9
		8/7/2018	153	0.23	3.35	11	15	8

Table B-3c (cont.)

Rapid Bioassessment Protocol Habitat Assessment Data 1

HUC Watershed	Sample ID	Collection Date	Epifaunal Substrate / Available Cover	Frequency of Riffles	Left Bank Stability	Left Bank Vegetative Protection	Pool Substrate Characterization	Pool Variability	Channel Flow Status
Bachman Branch - Elm Fork Trinity River	JOES-1	5/24/2018	8	10	8	8	10	13	20
		7/25/2018	13	11	6	7	13	16	10
	BAB-B	4/30/2018	10	14	7	6	6	7	11
		8/6/2018	15	11	7	7	16	14	13
	NWDA-1	5/24/2018	13	8	8	8	14	14	18
		7/25/2018	11	6	7	6	12	16	18
	RIB-A	5/9/2018	8	6	5	5	12	9	16
		7/17/2018	8	11	7	7	11	12	16
Delaware Creek - West Fork Trinity River	MOC-A	4/17/2018	10	19	6	4	10	13	13
		7/2/2018	10	6	8	8	16	16	18
Farmer's Branch - Elm Fork Trinity River	FARM-1	5/24/2018	18	17	9	9	19	19	20
		7/25/2018	18	17	9	9	18	18	18
	FIV-A	5/1/2018	Creek too deep tp collect macroinvertebrate samples and conduct habitat assessment						
		8/6/2018	Creek too deep tp collect macroinvertebrate samples and conduct habitat assessment						
	FIV-B	5/1/2018	11	2	3	5	8	14	15
		8/6/2018	11	2	4	3	13	12	14
	NEW-A	4/17/2018	8	4	7	5	12	12	14
		7/3/2018	8	5	4	4	10	9	9
	SEDA-1	5/10/2018	16	14	6	7	11	16	17
		7/24/2018	13	15	5	5	16	16	16
Floyd Branch - White Rock Creek	FLO-A	4/18/2018	4	14	6	5	6	8	14
		7/5/2018	8	18	6	6	5	8	16
	MCK-C	4/30/2018	12	11	8	5	5	6	14
		8/7/2018	13	16	8	8	11	10	14

Table B-3c (cont.) Rapid Bioassessment Protocol-Habitat Assessment Data 1									
HUC Watershed	Sample ID	Collection Date	Epifaunal Substrate / Available Cover	Frequency of Riffles	Left Bank Stability	Left Bank Vegetative Protection	Pool Substrate Characterization	Pool Variability	Channel Flow Status
Headwaters Five Mile Creek	FIV-D	4/18/2018	10	16	8	8	16	10	13
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Headwaters Ten Mile Creek	TEN-B	4/17/2018	9	13	6	6	5	18	18
		7/2/2018	16	13	7	8	14	16	19
	TEN-D	4/18/2018	10	18	6	5	13	19	17
		7/5/2018	11	13	8	8	11	8	8
Headwaters Turtle Creek	CEB-B	5/1/2018	15	14	6	5	16	15	17
		8/6/2018	17	17	6	6	14	17	12
	KNI-A	5/1/2018	10	10	6	6	11	12	19
		8/6/2018	11	11	8	8	12	12	18
	TRO-A	5/9/2018	12	6	5	5	11	10	10
		7/16/2018	13	12	6	7	13	10	12
	TUR-A	5/9/2018	13	5	9	9	18	10	18
		7/18/2018	8	7	8	6	11	10	16
Prairie Creek - Trinity River	PRA-A	4/17/2018	14	11	8	7	9	11	13
		7/3/2018	13	5	5	5	13	16	8
South Mesquite Creek	SMC-A	4/30/2018	13	10	4	4	11	10	9
		8/6/2018	12	9	3	3	8	8	11
	SMC-B	5/9/2018	10	2	1	3	5	9	15
		7/16/2018	11	18	5	5	11	14	18
	SMC-C	5/9/2018	9	10	4	6	12	11	11
		7/18/2018	12	14	7	7	14	12	16
Turtle Creek - Trinity River	CEDR-1	5/10/2018	12	12	8	8	16	16	13
		7/24/2018	12	10	5	5	13	10	9
	COO-A	5/9/2018	11	17	4	4	16	18	18
		7/17/2018	12	13	5	5	16	13	16
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	8	8	4	4	11	13	8
		8/7/2018	10	9	5	5	13	13	11

Table B-3c (cont.)		Rapid Bioassessment Protocol-Habit Assessment Data 1						
HUC Watershed	Sample ID	Collection Date	Right Bank Stability	Right Bank Vegetative Protection	Riparian Vegetative Zone Width-Left	Riparian Vegetative Zone Width-Right	Sediment Deposition	Velocity / Depth Regime
Bachman Branch - Elm Fork Trinity River	JOES-1	3/23/2017	8	8	6	6	10	6
		7/18/2017	6	7	5	5	8	13
	BAB-B	3/15/2017	7	6	4	4	11	15
		7/13/2017	7	7	7	7	15	13
	NWDA-1	3/23/2017	8	8	6	6	11	11
		7/18/2017	7	6	5	5	10	13
	RIB-A	3/22/2017	5	5	4	4	10	8
		7/17/2017	7	7	4	4	6	13
Delaware Creek - West Fork Trinity River	MOC-A	3/16/2017	6	5	2	2	12	11
		7/12/2017	8	8	5	5	11	16
Farmer's Branch - Elm Fork Trinity River	FARM-1	3/23/2017	9	9	8	8	11	15
		7/18/2017	9	9	8	8	15	15
	FIV-A	3/21/2017	Creek too deep tp collect macroinvertebrate samples and conduct habitat assessment					
		7/13/2017	Creek too deep tp collect macroinvertebrate samples and conduct habitat assessment					
	FIV-B	3/15/2017	3	7	7	7	10	6
		7/13/2017	4	3	7	7	8	4
	NEW-A	3/16/2017	7	5	3	3	9	10
		7/12/2017	4	4	8	8	8	3
	SEDA-1	3/23/2017	6	7	8	8	15	13
		7/18/2017	5	5	6	6	11	15
Floyd Branch - White Rock Creek	FLO-A	3/20/2017	5	5	5	5	13	13
		7/12/2017	6	6	5	5	10	13
	MCK-C	3/15/2017	8	5	5	5	12	8
		7/13/2017	8	8	5	5	10	15

Table B-3c (cont.)		Rapid Bioassessment Protocol-Habitat Assessment Data 1						
HUC Watershed	Sample ID	Collection Date	Right Bank Stability	Right Bank Vegetative Protection	Riparian Vegetative Zone Width-Left	Riparian Vegetative Zone Width-Right	Sediment Deposition	Velocity / Depth Regime
Headwaters Five Mile Creek	FIV-D	4/18/2018	8	8	5	5	16	13
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY
Headwaters Ten Mile Creek	TEN-B	4/17/2018	6	6	7	7	19	19
		7/2/2018	7	8	6	6	13	15
	TEN-D	4/18/2018	6	5	5	5	19	19
		7/5/2018	8	8	4	4	18	10
Headwaters Turtle Creek	CEB-B	5/1/2018	6	5	5	5	13	13
		8/6/2018	6	6	5	5	14	15
	KNI-A	5/1/2018	6	6	6	3	16	12
		8/6/2018	8	8	5	2	11	13
	TRO-A	5/9/2018	5	5	6	6	8	12
		7/16/2018	6	7	5	5	10	11
	TUR-A	5/9/2018	9	9	6	6	13	10
		7/18/2018	8	6	6	6	15	10
Prairie Creek - Trinity River	PRA-A	4/17/2018	8	7	7	7	12	13
		7/3/2018	5	5	5	5	11	3
South Mesquite Creek	SMC-A	4/30/2018	4	4	7	7	10	11
		8/6/2018	3	3	4	4	7	7
	SMC-B	5/9/2018	1	3	3	3	13	6
		7/16/2018	5	5	8	8	11	15
	SMC-C	5/9/2018	4	6	3	3	8	14
		7/18/2018	7	7	5	5	11	13
Turtle Creek - Trinity River	CEDR-1	5/10/2018	7	6	9	9	16	16
		7/24/2018	5	5	6	6	18	14
	COO-A	5/9/2018	4	4	5	5	10	18
		7/17/2018	5	5	5	5	11	13
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	4	4	5	5	8	12
		8/7/2018	5	5	8	8	12	15

Table B-4 Aquatic Life Use Rating Data					
HUC Watershed	Sample ID	Spring 2018		Summer 2018	
Bachman Branch - Elm Fork Trinity River	JOES-1	25	Intermediate	25	Intermediate
	BAB-B	25	Intermediate	19	Limited
	NWDA-1	24	Intermediate	24	Intermediate
	RIB-A	27	Intermediate	23	Intermediate
Delaware Creek - West Fork Trinity River	MOC-A	28	Intermediate	28	Intermediate
Farmer's Branch - Elm Fork Trinity River	FARM-1	21	Limited	22	Intermediate
	FIV-A	-	Inaccessible	-	Inaccessible
	FIV-B	23	Intermediate	20	Limited
	NEW-A	30	High	23	Intermediate
	SEDA-1	23	Intermediate	16	Limited
	FLO-A	22	Intermediate	23	Intermediate
	MCK-C	26	Intermediate	27	Intermediate
Headwaters Five Mile Creek	FIV-D	23	Intermediate	-	DRY
Headwaters Ten Mile Creek	TEN-B	29	High	22	Intermediate
	TEN-D	25	Intermediate	22	Intermediate
Headwaters Turtle Creek	CEB-B	23	Intermediate	27	Intermediate
	KNL-A	22	Intermediate	26	Intermediate
	TRO-A	19	Limited	22	Intermediate
	TUR-A	22	Intermediate	21	Limited
Prairie Creek - Trinity River	PRA-A	26	Intermediate	22	Intermediate
South Mesquite Creek	SMC-A	30	High	28	Intermediate
	SMC-B	24	Intermediate	26	Intermediate
	SMC-C	23	Intermediate	23	Intermediate
Turtle Creek - Trinity River	CEDR-1	26	Intermediate	24	Intermediate
	COO-A	25	Intermediate	28	Intermediate
White Rock Creek-White Rock Lake	DIX-A	22	Intermediate	28	Intermediate

Table B-5a

Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Bachman Branch - Elm Fork Trinity River	ELMT-1	5/30/2018	28.4	7.6	8	424	1.42	0.10	3.6	<0.05	56.0	3
		8/28/2018	27.9	7.47	10	1703	2.9	<0.20	<0.050	<0.05	33.6	8
	JOES-1	5/24/2018	25.1	7.47	14	674	1.7	0.12	2.4	0.05	22.1	10
		7/25/2018	27.9	7.11	4	613	4.9	<0.10	0.066	<0.05	<20	3
	BAB-B	4/30/2018	20	8.02	2.3	887	9.18	<0.10	2.7	<0.05	35.1	2
		8/6/2018	27.7	7.51	17	817	4.7	<0.10	0.20	<0.05	30	34
	LBAC-1	5/30/2018	28.5	7.88	12	623	5.13	0.10	<1.0	<0.05	<20	8
		8/28/2018	27.6	7.66	15	489	5.4	<0.20	0.17	<0.05	<20	13
	CAC-A	5/30/2018	22.4	7.72	34	577	1.57	0.46	<1.0	<0.05	51.1	10
		8/27/2018	30.1	7.41	25	438	3.25	<0.20	0.09	0.08	21.4	21
	DAN-A	5/30/2018	25.8	8.02	16	534	0.33	0.88	<1.0	0.21	64.5	10
		8/27/2018	27.9	7.19	34	604	0.55	12.28	<0.050	1.68	69	29
	NWD-5	5/30/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		8/27/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	NWDA-1	5/24/2018	27.3	7.59	17	718	7.9	<0.10	2.5	<0.05	32.9	16
		7/25/2018	28.8	7.39	5	662	5.9	<0.10	0.11	<0.05	<20	4
	RIB-A	5/9/2018	21.5	7.40	12	712	4.43	0.30	0.18	0.154	22.8	17
		7/17/2018	27.4	7.48	16	733	4.4	0.19	0.19	0.16	38.6	15
	BAB-C	6/14/2018	27.6	6.75	8	581	1.78	0.21	0.070	<0.05	26.3	6
		8/28/2018	27.7	7.26	10	627	5.3	<0.20	0.65	<0.05	<20	8
City of Dallas - White Rock Creek	ASH-A	6/13/2018	28.8	7.97	15	627	3.86	<0.10	<1.0	<0.05	20.1	12
		8/29/2018	28.6	7.63	47	360	4.5	<0.20	<0.050	<0.05	54.1	45
	WHC-A	5/31/2018	29.2	8.18	37	396	5.91	<0.10	4.7	0.05	20.5	44
		8/29/2018	30	7.89	74	300	6.6	<0.20	<0.050	<0.05	43	74

Table B-5a (cont.)

Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Delaware Creek - West Fork Trinity River	DELA-1	6/13/2018	27.2	7.44	44	296	5.3	0.14	<1.0	0.145	27.4	38
		8/28/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	LMOC-1	6/13/2018	28.5	7.67	89	570	7.0	0.15	<1.0	<0.05	26.8	68
		8/28/2018	27.8	7.65	96	526	5.84	<0.20	0.090	0.06	<20	80
	MOC-A	4/17/2018	19.3	8.45	13	481	9.91	<0.10		<0.05	44.0	18
		7/2/2018	27.5	8.24	86	441	6.4	<0.10	<0.050	0.08	<20	86
		7/2/2018	27.7	7.98	85	441	6.2	<0.10	<0.050	<0.05	23.4	86
Duck Creek	LON-B	6/14/2018	26.6	8.08	0	785	6.62	<0.10	0.14	<0.05	28.9	2
		8/29/2018	28	7.68	13	634	6.4	<0.20	0.089	<0.05	41.5	8
Farmer's Branch - Elm Fork Trinity River	EFCB-1	5/29/2018	29.6	8.05	54	558	5.46	0.10	3.8	<0.05	24.4	59
		5/29/2018	29.5	8.04	52	557	5.25	<0.10	3.8	<0.05	26.1	59
		8/27/2018	28.4	7.49	130	455	5.11	<0.20	0.25	0.10	<20	108
	FARM-1	5/24/2018	28.4	7.91	27	450	8.1	<0.10	<1.0	<0.05	32.0	25
		7/25/2018	28.9	7.48	22	380	5.2	<0.10	<0.050	<0.05	<20	22
Fish Creek - Mountain Creek Lake	ART-A	6/12/2018	26.9	7.93	27	494	5.38	<0.10	<0.050	<0.05	29.2	16
		6/12/2018	26.8	8.01	41	492	5.32	<0.10	<0.050	<0.05	30.5	39
		8/30/2018	28.3	7.66	37	1023	5.5	<0.20	<0.050	<0.05	<20	35
	MOC-B	6/13/2018	27.5	8.46	35	451	7.11	<0.10	<1.0	<0.05	<20	30
		6/13/2018	27.5	8.56	35	453	7.10	<0.10	<1.0	<0.05	<20	30
		8/30/2018	28.6	7.99	43	437	6.6	<0.20	<0.050	<0.05	<20	40
		8/30/2018	28.6	8.05	42	437	6.6	<0.20	<0.050	<0.05	<20	39
Five Mile Creek - Trinity River	ELA-A	6/13/2018	24.6	7.52	0	788	5.23	<0.10	<1.0	<0.05	<20	4
		8/30/2018	25.8	7.46	8	796	4.455	<0.20	0.74	<0.05	<20	3
	ELA-B	5/31/2018	25.8	7.92	9	528	4.70	<0.10	3.8	<0.05	23.9	10
		8/30/2018	27.5	7.52	16	486	4.33	<0.20	0.11	<0.05	<20	9
		8/30/2018	27.6	7.62	16	487	4.35	<0.20	0.12	<0.05	<20	11
	FIV-A	5/1/2018	21.9	8.02	2.7	568	6.85	<0.10	0.21	<0.05	20.2	3
		5/1/2018	21.9	8.02	2.3	567	6.83	<0.10	0.20	<0.05	22.1	3
		8/6/2018	28.6	8.57	14	400	3.49	<0.10	<0.050	0.08	34.7	15
	FIV-B	5/1/2018	21.6	7.93	2.3	596	6.07	0.68	0.21	0.11	25.4	4
		8/6/2018	28.7	8.12	25	375	6.34	<0.10	<0.050	0.09	35.1	22
	NEW-A	4/17/2018	20.0	8.13	0.51	600	9.01	<0.10		<0.05	44.5	4
		7/3/2018	27.2	6.98	21	406	3.63	<0.10	<0.050	<0.05	<20	43
		7/3/2018	27.4	7.01	18	403	3.61	<0.10	<0.050	<0.05	<20	39

Table B-5a (cont.)

Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Five Mile Creek - Trinity River	SDAL-1	5/31/2018	24.3	8.05	0	749	5.88	<0.10	6.8	0.05	<20	13
		8/30/2018	27.2	7.68	5	720	6.41	<0.20	2.2	<0.05	<20	9
	SEDA-1	5/10/2018	21.5	7.48	2.4	701	7.87	<0.10	2.4	0.118	24.8	3
		7/24/2018	25.6	7.81	6	558	7.0	0.10	0.14	0.14	28.1	2
Floyd Branch - White Rock Creek	COT-C	5/29/2018	26.4	8.23	8	675	9.14	0.22	<1.0	<0.05	<20	7
		8/28/2018	28.2	7.95	4	499	8.4	<0.20	0.13	<0.05	<20	6
	FLO-A	4/18/2018	22.3	8.20	1.2	869	10.01	<0.10	9.6	1.71	38.4	1
		4/18/2018	22.4	8.20	1.5	875	10.12	<0.10	9.8	1.79	29.4	3
		7/5/2018	25.8	7.81	5	712	7.7	0.30	9.6	1.80	29.9	4
	MCK-C	4/30/2018	19.8	8.27	45	644	8.98	<0.10	0.38	<0.05	22.3	62
		4/30/2018	19.8	8.27	3.6	645	9.03	<0.10	0.37	<0.05	21.1	4
		8/7/2018	26.3	7.86	20	773	7.6	<0.10	<0.05	<0.05	29.7	16
	WHC-C	6/14/2018	30.0	8.71	19	690	9.36	<0.10	1.4	0.42	37.5	15
		8/27/2018	30.2	8.42	20	525	8.9	<0.20	2.3	0.38	<20	16
Grapevine Creek - Elm Fork Trinity	HUTT-1	5/29/2018	29.4	8.46	25	487	8.91	0.14	<1.0	<0.05	20.8	25
		8/27/2018	28.6	7.54	17	580	7.36	<0.20	0.12	<0.05	<20	11
Headwaters Five Mile Creek	CRO-A	6/12/2018	26.2	8.17	3	569	5.45	<0.10	0.11	<0.05	<20	4
		8/30/2018	27.8	7.56	5	448	3.4	<0.20	<0.05	<0.05	<20	13
	FIV-C	6/12/2018	27.6	8.02	5	483	6.23	0.10	0.24	0.05	<20	2
		8/30/2018	28.9	7.68	6	406	8.37	<0.20	0.11	0.08	<20	6
	FIV-D	4/18/2018	19.7	7.45	0.54	546	8.0	<0.10	0.70	<0.05	22.9	<1
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	FIV-E	6/11/2018	25.4	8.36	11	725	7.17	<0.10	<1.0	0.06	<20	4
		8/30/2018	27.5	7.96	3	895	8.4	<0.20	0.051	<0.05	<20	0
	RIC-B	6/12/2018	26.1	8.46	0	527	7.97	<0.10	0.16	<0.05	24.8	2
		8/30/2018	29.4	7.90	5	532	7.1	<0.20	0.13	<0.05	<20	4
	WOO-A	6/12/2018	25.4	7.60	6	659	6.52	<0.10	0.64	<0.05	25.0	0
		8/30/2018	28.3	7.48	15	676	10.8	<0.20	0.55	<0.05	<20	2

Table B-5a (cont.)

Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Headwaters Ten Mile Creek	TEN-B	4/17/2018	17.5	7.95	0.5	609	8.01	<0.10		<0.05	40.9	2
		7/2/2018	29.5	8.18	7	360	8.0	<0.10	<0.050	<0.05	<20	7
	TEN-D	4/18/2018	22.6	7.66	0.45	560	10.5	<0.10	0.55	<0.05	<20	<1
		7/5/2018	26.5	7.60	5	571	9.4	<0.10	0.54	<0.05	<20	8
Headwaters Turtle Creek	DAEB-1	6/11/2018	27.2	7.98	58	670	5.63	0.59	<1.0	0.15	35.9	49
		6/11/2018	27.2	7.88	49	683	5.05	0.30	<1.0	0.14	31.4	34
		8/29/2018	28.5	7.44	39	771	4.87	<0.20	0.32	0.16	22.9	28
	DAEB-2	6/14/2018	28.9	7.31	43	862	4.57	<0.10	0.56	0.10	28.0	49
		8/29/2018	28.1	7.19	28	863	3.24	<0.20	0.51	0.09	57.8	25
	CBD-2	6/14/2018	30.1	7.28	9	709	5.09	0.38	0.12	0.08	49.3	9
		8/29/2018	30.5	7.31	8	674	3.75	<0.20	0.30	0.07	59.9	4
	CEB-B	5/1/2018	21.2	7.63	4.8	896	5.9	0.43	1.6	0.13	<20	3
		8/6/2018	27.4	7.59	10	821	5.9	<0.10	1.5	0.14	22	11
	KNI-A	5/1/2018	20.1	7.99	2.9	843	7.5	<0.10	0.89	<0.05	25.3	4
		8/6/2018	27.9	8.26	23	890	11.4	<0.10	1.3	0.15	36.6	17
	TRO-A	5/9/2018	26.2	7.85	9	642	6.68	0.40	0.34	0.249	36.3	12
		7/16/2018	27.9	7.48	13	586	3.5	<0.10	0.12	0.30	37.1	10
	TRO-C	5/30/2018	28.8	8.1	0	721	8.3	0.12	2.4	<0.05	24.8	0
		8/28/2018	27.6	7.76	7	581	5.8	<0.20	0.10	<0.05	<20	7
		8/28/2018	28	7.74	8	581	5.8	<0.20	0.10	<0.05	<20	7
	TUR-A	5/9/2018	26.4	8.06	1.5	1027	6.85	0.11	2.7	<0.05	<20	3
		7/18/2018	27.3	7.94	6	708	5.9	<0.10	1.8	0.13	27.5	4
	TUR-C	6/14/2018	28.8	7.33	4	642	4.69	0.14	0.13	0.06	29.2	1
		8/27/2018	27.3	7.4	9	422	3.1	<0.20	0.52	0.08	<20	11
Headwaters White Rock Creek	UWRC-1	5/29/2018	29.0	8.27	24	580	8.58	0.15	<1.0	<0.05	20.2	18
		8/8/2018	30.1	8	12	438	6.66	<0.20	<0.05	<0.05	31	7
Hickory Creek - Parsons Slough	HIC-D	5/31/2018	25.9	7.96	19	885	4.58	<0.10	<1.0	0.06	22.2	19
		8/30/2018	27.2	7.22	7	579	2.09	0.28	0.08	<0.05	<20	2
	PAR-A	5/31/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		8/30/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table B-5a (cont.)

Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Indian Creek - Elm Fork Trinity River	FUR-A	5/29/2018	27	8.22	9	774	6.98	0.12	<1.0	<0.05	21.2	4
		8/8/2018	26.7	8.01	7	493	7.36	<0.20	0.91	0.32	38.5	0
		8/8/2018	26.6	8.09	24	496	7.35	<0.20	0.96	0.40	36.8	4
Pitman Creek - Spring Creek	SPC-A	6/14/2018	28.2	8.05	0	699	6.67	<0.10	0.15	<0.05	26.7	4
		8/8/2018	29.3	7.75	6	815	6.13	<0.20	0.073	<0.05	29	4
Prairie Creek - Trinity River	ATEN-1	6/13/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		8/30/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	PRA-A	4/17/2018	17.2	7.92	1.3	723	7.79	<0.10		<0.05	46.5	3
		7/3/2018	27.4	6.99	6	640	3.57	0.30	<0.050	0.05	<20	16
	PRAI-2	5/31/2018	25.9	7.70	0	389	4.02	0.10	3.6	<0.05	22.6	0
		8/29/2018	29.7	7.37	12	420	4.2	<0.20	<0.05	<0.05	52.50	12
South Mesquite Creek	SMC-A	4/30/2018	21.4	7.96	11	527	9.8	<0.10	<1.0	<0.05	41.6	15
		8/6/2018	28.1	7.7	30	443	6.47	<0.10	0.067	0.19	48.6	14
	SMC-B	5/9/2018	21.7	7.83	4	455	5.73	0.17	0.20	<0.05	24.4	5
		7/16/2018	27.8	7.58	9	467	5.8	<0.10	0.28	0.11	24.4	8
		7/16/2018	27.8	7.61	8	469	5.8	<0.10	0.25	0.12	28.7	8
	SMC-C	5/9/2018	22.4	8.20	13	326	6.85	<0.10	<0.05	0.125	28.7	22
		7/18/2018	28.0	7.98	14	347	6.6	<0.10	<0.050	<0.05	22.2	21
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	20.8	7.37	0.88	705	5.1	<0.10	2.5	<0.05	23.4	3
		8/7/2018	26.7	7.52	21	628	4.6	<0.10	<0.05	<0.05	30.5	14
	JAC-A	6/14/2018	28.8	7.84	4	613	6.27	<0.10	0.48	<0.05	25.4	2
		8/27/2018	27.7	7.61	9	553	7	<0.20	0.50	<0.05	<20	13
	MCC-A	6/14/2018	29.2	7.82	15	476	5.18	0.18	0.12	<0.05	29.3	3
		8/27/2018	28.2	7.54	71	371	3.9	<0.20	0.21	0.06	<20	69
	WIL-A	6/14/2018	29.7	7.61	19	434	3.23	<0.10	<0.05	<0.05	35.4	15
		8/27/2018	29.4	7.43	27	308	2	<0.20	<0.05	<0.05	<20	27

Table B-5a (cont.)

Water Quality Data 1

HUC Watershed	Sample ID	Collection Date	Temperature (°C)	pH	Turbidity (NTU)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Ammonia (as N) (mg/L)	Nitrate + Nitrite (as N) (mg/L)	Total Phosphorus (as P) (mg/L)	Chemical Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)
Turtle Creek- Trinity River	CEC-B	6/11/2018	25.7	8.63	9	547	9.98	<0.10	1.3	0.13	20.7	4
		8/30/2018	29.1	8.22	2	577	11.01	<0.20	0.14	<0.05	<20	0
	CEDR-1	5/10/2018	22.4	7.92	1.4	654	7.11	<0.10	1.2	0.082	20.6	2
		7/24/2018	28.9	7.61	4	547	4.7	0.10	0.12	0.05	27.2	5
	COO-A	5/9/2018	24.3	8.27	2	747	8.65	<0.10	1.5	0.096	<20	2
		7/17/2018	26.1	7.88	2	660	6.7	<0.10	0.61	0.08	39.1	4
	DAWB-3	6/11/2018	25.8	8.01	26	827	7.19	<0.10	<1.0	<0.05	<20	15
		8/29/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	FIL-A	6/14/2018	32.2	7.6	10	676	11.24	<0.10	0.061	<0.05	30.4	9
		8/29/2018	27.4	7.1	14	564	3.03	<0.20	<0.05	<0.05	57.4	7
	LAC-A	6/13/2018	29.5	8.56	15	391	8.05	<0.10	<1.0	0.08	33.6	9
		8/29/2018	30.6	7.78	13	285	7.72	<0.20	<0.05	<0.05	48.3	7
	LAC-B	6/11/2018	25.8	8.08	1	704	8.13	<0.10	<1.0	<0.05	21.7	8
		8/29/2018	27.2	7.70	9	425	8.4	<0.20	0.74	<0.05	50.4	4
		8/29/2018	27.4	7.71	8	424	8.3	<0.20	0.73	<0.05	41.4	4
	WDAL-1	6/28/2018	23.0	7.72	79	830	7.61	0.33	0.054	0.13	26.8	83
		8/28/2018	27.7	7.27	43	733	3.55	<0.20	0.14	0.12	<20	61
	WDAL-2	6/13/2018	26.1	8.18	55	622	8.1	<0.10	<1.0	<0.05	<20	61
		6/13/2018	26.2	8.12	59	624	8.2	<0.10	<1.0	<0.05	20.1	50
		8/28/2018	27.9	7.8	11	563	6.76	<0.20	0.26	<0.05	<20	7

Table B-5b (cont.)

Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	<i>E. coli</i>	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
	ELMT-1	05/30/2018	60.5	>2419.6	<1.0	<0.02	<0.50	492	0.283
		8/28/2018	39.9	>2419.6	<0.50	<0.02	<0.50	281	No flow
	JOES-1	05/24/2018	>2419.6	>2419.6	<0.50	<0.02	<0.50	249	No Flow
		07/25/2018	478.6	1011.2	<0.50	<0.02	<0.50	245	No Flow
	BAB-B	04/30/2018	218.7	>2419.6	<0.50	<0.05	0.052	333	7.547
		08/06/2018	56.5	>2419.6	<0.50	<0.02	<0.50	218	0.636
	LBAC-1	05/30/2018	44.8	>2419.6	<0.50	<0.02	<0.50	229	Inaccessible
		8/28/2018	186.8	>2419.6	<0.50	<0.02	<0.50	153	No Flow
	CAC-A	05/30/2018	19.9	1986.3	<0.50	<0.02	0.85	121	No Flow
		8/27/2018	65.7	>2419.6	<0.50	<0.02	0.59	152	Inaccessible
	DAN-A	05/30/2018	344.8	>2419.6	<5.0	<0.02	0.67	200	Inaccessible
		8/27/2018	>2419.6	>2419.6	1.1	<0.02	<0.50	155	No Flow
	NWD-5	5/30/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		8/27/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	NWDA-1	05/24/2018	387.3	>2419.6	<0.50	<0.02	<0.50	196	No Flow
		07/25/2018	59.1	>2419.6	<0.50	<0.02	<0.50	185	3.363
	RIB-A	05/09/2018	332.8	>2419.6	<0.50	<0.05	0.65	197	No Flow
		7/17/2018	727	>2419.6	<0.50	<0.02	<0.50	168	0.176
	BAB-C	06/14/2018	186	>2419.6	<0.50	<0.02	<0.50	212	Inaccessible
		8/28/2018	920.8	>2419.6	<0.50	<0.02	<0.50	203	No Flow
City of Dallas - White Rock Creek	ASH-A	06/13/2018	130.1	>2419.6	<0.50	<0.02	<0.50	162	Inaccessible
		8/29/2018	687	9910	<0.50	<0.02	<0.50	153	No Flow
	WHC-A	05/31/2018	67.7	1011.2	<0.50	<0.02	<0.50	142	Inaccessible
		8/29/2018	55	9600	<0.50	<0.02	0.57	143	No Flow

Table B-5b (cont.)

Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Delaware Creek - West Fork Trinity River	DELA-1	6/13/2018	178.5	>2419.6	<0.50	<0.02	1.04	120	0.754
		8/28/2018	DRY	DRY	DRY	DRY	DRY	DRY	Dry
	LMOC-1	6/13/2018	42	>2419.6	<0.50	0.024	0.553	180	Inaccessible
		8/28/2018	40.2	>2419.6	<2.5	<0.02	<0.50	158	Inaccessible
	MOC-A	4/17/2018	191.8	>2419.6	<0.50	<0.05	0.440	159	11.768
		7/2/2018	8.5	>2419.6	<0.50	<0.02	1.0	125	4.054
		7/2/2018	17.3	>2419.6	<0.50	<0.02	0.98	133	
Duck Creek	LON-B	6/14/2018	435.2	>2419.6	<0.50	<0.02	<0.50	288	1.554
		8/29/2018	26	2690	<0.50	<0.02	<0.50	159	No Flow
Farmer's Branch - Elm Fork Trinity River	EFCB-1	5/29/2018	12	>2419.6	<2.5	<0.02	0.83	222	Inaccessible
		5/29/2018	8.6	>2419.6	<5.0	<0.02	<0.50	225	
		8/27/2018	45.7	>2419.6	<2.5	<0.02	2.08	144	Inaccessible
	FARM-1	5/24/2018	28.1	>2419.6	<0.50	<0.02	<0.50	143	1.766
		7/25/2018	111.9	>2419.6	<0.50	<0.02	<0.50	128	1.656
Fish Creek - Mountain Creek Lake	ART-A	6/12/2018	13.4	>2419.6	<2.5	<0.02	0.70	183	No Flow
		6/12/2018	12.1	>2419.6	<2.5	<0.02	0.60	187	
		8/30/2018	14.2	>2419.6	<0.50	<0.02	0.51	205	No Flow
	MOC-B	6/13/2018	19.9	>2419.6	<0.50	<0.02	<0.50	244	Inaccessible
		6/13/2018	24.1	>2419.6	<0.50	<0.02	<0.50	152	
		8/30/2018	18.7	>2419.6	<0.50	<0.02	0.57	127	Inaccessible
		8/30/2018	178.5	>2419.6	<0.50	<0.02	<0.50	127	
Five Mile Creek - Trinity River	ELA-A	6/13/2018	365.4	>2419.6	<0.50	<0.02	<0.50	318	Inaccessible
		8/30/2018	344.8	>2419.6	<0.50	<0.02	<0.50	259	9.755
	ELA-B	5/31/2018	1413.6	>2419.6	<0.50	<0.02	<0.50	283	No Flow
		8/30/2018	235.9	>2419.6	<0.50	<0.02	<0.50	175	Inaccessible
		8/30/2018	150	>2419.6	<0.50	<0.02	<0.50	174	
	FIV-A	5/1/2018	686.7	>2419.6	<0.50	<0.05	<0.05	254	Inaccessible
		5/1/2018	686.7	>2419.6	0.61	<0.05	0.05	237	
		8/6/2018	125	>2419.6	<0.50	<0.02	<0.50	112	Inaccessible
	FIV-B	5/1/2018	>2419.6	>2419.6	<0.50	<0.05	<0.05	263	15.716
		8/6/2018	18.1	>2419.6	<0.50	<0.02	<0.50	103	No Flow
	NEW-A	4/17/2018	165.8	2419.6	0.60	<0.05	<0.05	298	10.591
		7/3/2018	12.1	>2419.6	<0.50	<0.02	<0.50	120	No Flow
		7/3/2018	9.5	>2419.6	<0.50	<0.02	<0.50	122	

Table B-5b (cont.)

Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	E. coli	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Five Mile Creek - Trinity River	SDAL-1	5/31/2018	686.7	>2419.6	<0.50	<0.02	<0.50	384	No Flow
		8/30/2018	435.2	>2419.6	<0.50	<0.02	<0.50	256	No Flow
	SEDA-1	5/10/2018	131.7	>2419.6	<0.50	<0.02	<0.50	280	0.507
		7/24/2018	64.4	>2419.6	<0.50	<0.02	<0.50	215	0.816
Floyd Branch - White Rock Creek	COT-C	5/29/2018	579.4	>2419.6	<0.50	<0.02	<0.50	272	4.439
		8/28/2018	686.7	>2419.6	<0.50	<0.02	<0.50	173	No Flow
	FLO-A	4/18/2018	178.5	>2419.6	<0.50	<0.50	<0.50	261	5.653
		4/18/2018	275.5	>2419.6	<0.50	<0.50	<0.50	271	
		7/5/2018	325.5	>2419.6	<0.50	<0.02	<0.50	180	1.418
	MCK-C	4/30/2018	260.3	>2419.6	<0.50	<0.02	0.823	294	2.147
		4/30/2018	198.9	>2419.6	<0.50	<0.02	0.094	278	
		8/7/2018	167	>2419.6	<0.50	<0.02	<0.50	205	0.398
	WHC-C	6/14/2018	28.8	>2419.6	<0.50	<0.02	<0.50	270	Inaccessible
		8/27/2018	125	>2419.6	<0.50	<0.02	<0.50	183	No Flow
Grapevine Creek - Elm Fork Trinity River	HUTT-1	5/29/2018	53	>2419.6	<0.50	<0.02	<0.50	152	5.988
		8/27/2018	43.1	>2419.6	<0.50	<0.02	<0.50	173	0.683
Headwaters Five Mile Creek	CRO-A	6/12/2018	613.1	>2419.6	<0.50	<0.02	<0.50	247	No Flow
		8/30/2018	39.3	>2419.6	<0.50	<0.02	<0.50	174	No Flow
	FIV-C	6/12/2018	98.7	>2419.6	<0.50	<0.02	<0.50	212	No Flow
		8/30/2018	14.6	>2419.6	<0.50	<0.02	<0.50	142	22.977
	FIV-D	4/18/2018	172.3	>2419.6	<0.50	<0.50	<0.50	274	2.701
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY	Dry
	FIV-E	6/11/2018	60.9	>2419.6	<0.50	<0.01	0.104	235	Dry
		8/30/2018	47.9	>2419.6	0.85	<0.02	<0.50	227	0.456
	RIC-B	6/12/2018	235.9	>2419.6	<0.50	<0.02	<0.50	219	No Flow
		8/30/2018	78	>2419.6	<0.50	<0.02	<0.50	200	No Flow
	WOO-A	6/12/2018	1046.2	>2419.6	<0.50	<0.02	<0.50	301	No Flow
		8/30/2018	517.2	>2419.6	<0.50	<0.02	<0.50	256	No Flow

Table B-5b (continued)

Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	<i>E. coli</i>	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Headwaters Ten Mile Creek	TEN-B	4/17/2018	866.4	>2419.6	<0.50	<0.05	<0.05	275	19.413
		7/2/2018	14.6	>2419.6	<0.50	<0.02	<0.50	125	No Flow
	TEN-D	4/18/2018	53.8	>2419.6	<0.50	<0.05	<0.05	284	3.957
		7/5/2018	98.7	>2419.6	<0.50	<0.02	<0.50	241	No Flow
Headwaters Turtle Creek	DAEB-1	6/11/2018	127.4	>2419.6	<2.5	<0.01	1.43	242	No Data
		6/11/2018	95.9	>2419.6	<2.5	<0.01	1.15	253	
		8/28/2018	101.7	>2419.6	<2.5	<0.02	0.58	207	
	DAEB-2	6/14/2018	261.3	>2419.6	<0.50	<0.02	1.23	360	Inaccessible
		8/29/2018	1410	155000	<0.50	<0.02	0.62	256	2.530
	CBD-2	6/14/2018	184.2	>2419.6	<0.50	<0.02	<0.50	327	0.553
		8/29/2018	548	11100	0.52	<0.02	<0.50	200	Inaccessible
	CEB-B	5/1/2018	1203.3	>2419.6	<0.50	<0.05	0.23	357	0.735
		8/6/2018	1119.9	>2419.6	<0.50	<0.02	<0.50	289	0.792
	KNI-A	5/1/2018	325.5	>2419.6	<0.50	<0.05	0.105	303	1.849
		8/6/2018	461.1	>2419.6	<0.50	<0.02	<0.50	293	0.204
	TRO-A	5/9/2018	167	>2419.6	<0.50	<0.05	0.494	203	1.967
		7/16/2018	261.3	>2419.6	<0.50	<0.02	<0.50	179	1.132
	TRO-C	5/30/2018	1046.2	>2419.6	<0.50	<0.02	<0.50	233	0.553
		8/28/2018	29.4	>2419.6	<0.50	<0.02	<0.50	178	No Flow
		8/28/2018	27.2	>2419.6	<0.50	<0.02	<0.50	180	
	TUR-A	5/9/2018	816.4	>2419.6	<0.50	<0.05	<0.05	387	No Flow
		7/18/2018	770.1	>2419.6	<0.50	<0.02	<0.50	265	No Flow
	TUR-C	6/14/2018	34.1	2419.6	<0.50	<0.02	<0.50	308	Inaccessible
		8/27/2018	387.3	>2419.6	<0.50	<0.02	<0.50	163	No Flow
Headwaters White Rock Creek	UWRC-1	5/29/2018	65	>2419.6	<0.50	<0.02	<0.50	206	Inaccessible
		8/8/2018	3	>2419.6	<0.50	<0.02	<0.50	119	Inaccessible
Hickory Creek - Parsons Slough	HIC-D	5/31/2018	298.7	>2419.6	<0.50	<0.02	<0.50	319	0.007
		8/30/2018	6.3	>2419.6	0.97	<0.02	1.6	173	No Flow
	PAR-A	5/31/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		8/30/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table B-5b (cont.)

Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	<i>E. coli</i>	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Indian Creek - Elm Fork Trinity River	FUR-A	5/29/2018	461.1	>2419.6	<0.50	<0.02	<0.50	267	7.172
		8/8/2018	272.3	>2419.6	<0.50	<0.02	<0.50	129	6.491
		8/8/2018	272.3	>2419.6	<0.50	<0.02	<0.50	130	
Pitman Creek - Spring Creek	SPC-A	6/14/2018	72.7	>2419.6	<0.50	<0.02	<0.50	256	Inaccessible
		8/8/2018	77.6	>2419.6	<0.50	<0.02	<0.50	188	Inaccessible
Prairie Creek Trinity River	ATEN-1	6/13/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY
		8/30/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	PRA-A	4/17/2018	172.5	2419.6	<0.50	<0.05	0.309	265	15.470
		7/3/2018	67	>2419.6	<0.50	<0.02	<0.50	175	No Flow
	PRAI-2	5/31/2018	104.6	>2419.6	<0.50	<0.02	<0.50	131	No Flow
		8/29/2018	28	12000	<0.50	<0.02	<0.50	154	No Flow
South Mesquite Creek	SMC-A	4/30/2018	53.8	>2419.6	<0.50	<0.05	0.55	164	0.597
		8/6/2018	218.7	>2419.6	<0.50	<0.02	<0.50	123	10.799
	SMC-B	5/9/2018	151.5	>2419.6	<0.50	<0.05	0.121	153	6.908
		7/16/2018	238.2	>2419.6	<0.50	<0.02	<0.50	139	
		7/16/2018	172.5	>2419.6	0.088	<0.02	<0.50	141	1.525
	SMC-C	5/9/2018	135.4	>2419.6	<0.50	<0.05	0.315	111	16.064
		7/18/2018	285.1	>2419.6	<0.50	<0.02	<0.50	106	No Flow
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	686.7	>2419.6	<0.50	<0.05	0.133	303	0.523
		8/7/2018	152.9	>2419.6	<0.50	<0.02	<0.50	220	No Flow
	JAC-A	6/14/2018	866.4	>2419.6	<0.50	<0.02	<0.50	288	Inaccessible
		8/27/2018	272.3	>2419.6	0.63	<0.02	<0.50	230	No Flow
	MCC-A	6/14/2018	344.1	>2419.6	<0.50	<0.02	<0.50	244	Inaccessible
		8/27/2018	204.6	>2419.6	<0.50	<0.02	0.708	151	No Flow
	WIL-A	6/14/2018	88.4	>2419.6	<0.50	<0.02	<0.50	196	Inaccessible
		8/27/2018	53.7	>2419.6	<0.50	<0.02	<0.50	118	No Flow

Table B-5b (cont.)

Water Quality Data 2

HUC Watershed	Sample ID	Collection Date	<i>E. coli</i>	Total Coliform	Surfactants (mg/L)	Copper (mg/L)	Iron (mg/L)	Hardness (mg/L)	Flow
			(MPN / 100ml)	(MPN / 100ml)					(cu ft / sec)
Turtle Creek - Trinity River	CEC-B	6/11/2018	1373.4	>2419.6	<0.50	<0.10	0.74	228	No Flow
		8/30/2018	365.4	>2419.6	<0.50	<0.02	<0.50	187	0.533
	CEDR-1	5/10/2018	1046.2	>2419.6	<0.50	<0.02	<0.50	295	1.604
		7/24/2018	224.7	>2419.6	<0.50	0.022	<0.50	217	2.294
	COO-A	5/9/2018	920.8	>2419.6	<0.50	<0.05	<0.05	279	9.520
		7/17/2018	461.1	>2419.6	<0.50	<0.02	<0.50	216	1.400
	DAWB-3	6/11/2018	2419.6	>2419.6	<0.50	<0.01	0.546	363	No Flow
		8/29/2018	DRY	DRY	DRY	DRY	DRY	DRY	Dry
	FIL-A	6/14/2018	108	>2419.6	<0.50	<0.02	<0.50	286	2.155
		8/29/2018	16	130000	<0.50	<0.02	<0.50	188	38.080
	LAC-A	6/13/2018	17.1	>2419.6	<0.50	<0.02	<0.50	148	Inaccessible
		8/29/2018	345	28500	<0.50	<0.02	<0.50	92	Inaccessible
	LAC-B	6/11/2018	222.4	>2419.6	<0.50	<0.01	0.404	320	No Flow
		8/29/2018	35	7940	<0.50	<0.02	<0.50	143	No Flow
		8/29/2018	579	15200	<0.50	<0.02	<0.50	145	
	WDAL-1	6/28/2018	9.8	>2419.6	<0.50	<0.02	<0.50	330	0.397
		8/28/2018	55.6	>2419.6	<0.50	<0.02	<0.50	202	Inaccessible
	WDAL-2	6/13/2018	435.2	>2419.6	<0.50	<0.02	<0.50	249	1.331
		6/13/2018	686.7	>2419.6	<0.50	<0.02	<0.50	253	
		8/28/2018	435.2	>2419.6	<0.50	<0.02	<0.50	179	1.127

Table B-5c (cont.)

Water Quality Data (Pesticides 1)

HUC Watershed	Sample ID	Collection Date	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	Aldrin (µg/L)	Alpha BHC (µg/L)	Atrazine (µg/L)	Beta BHC (µg/L)
Bachman Branch - Elm Fork Trinity River	JOES-1	5/24/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.152	< 0.025
		7/25/2018	< 0.10	< 0.10	< 0.020	0.025	0.11	<0.099	< 0.050
	BAB-B	4/30/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	1.2	< 0.050
		8/6/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.095	< 0.025
	NWDA-1	5/24/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.131	< 0.025
		7/25/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.10	< 0.025
	RIB-A	5/9/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.37	< 0.025
		7/17/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.13	< 0.025
Delaware Creek - West Fork Trinity River	MOC-A	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	1.2	< 0.010
		7/2/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.90	< 0.025
		7/2/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.87	< 0.025
Farmer's Branch - Elm Fork Trinity River	FARM-1	5/24/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.249	< 0.025
		7/25/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.097	< 0.025
	FIV-A	5/1/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	0.13	< 0.050
		5/1/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	0.13	< 0.050
		8/6/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.096	< 0.025
	FIV-B	5/1/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	0.15	< 0.050
		8/6/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.095	< 0.025
	NEW-A	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.10	< 0.010
		7/3/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	Lab did not report	< 0.025
		7/3/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	Lab did not report	< 0.025
	SEDA-1	5/10/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.21	< 0.025
		7/24/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.097	< 0.025
Floyd Branch - White Rock Creek	FLO-A	4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.30	< 0.010
		4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.30	< 0.010
		7/5/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.25	< 0.025
	MCK-C	4/30/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	0.60	< 0.050
		4/30/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.051	0.64	< 0.051
		8/7/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.14	< 0.025
Headwaters Five Mile Creek	FIV-D	4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	<0.098	< 0.010
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table B-5c (cont.)

Water Quality Data (Pesticides 1)

HUC Watershed	Sample ID	Collection Date	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	Aldrin (µg/L)	Alpha BHC (µg/L)	Atrazine (µg/L)	Beta BHC (µg/L)
Headwaters Ten Mile Creek	TEN-B	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.13	< 0.010
		7/2/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.097	< 0.025
	TEN-D	4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.16	< 0.010
		7/5/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.098	< 0.025
Headwaters Turtle Creek	CEB-B	5/1/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	0.51	< 0.050
		8/6/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.096	< 0.025
	KNI-A	5/1/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	0.23	< 0.050
		8/6/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.095	< 0.025
	TRO-A	5/9/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.076	< 0.025
		7/16/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.099	< 0.025
	TUR-A	5/9/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.078	< 0.025
		7/18/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.10	< 0.025
Prairie Creek - Trinity River	PRA-A	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.87	< 0.010
		7/3/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	Lab did not report	< 0.025
South Mesquite Creek	SMC-A	4/30/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	1.5	< 0.050
		8/6/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.096	< 0.025
	SMC-B	5/9/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	1.4	< 0.025
		7/16/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.10	< 0.025
		7/16/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.099	< 0.025
	SMC-C	5/9/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	1.6	< 0.025
		7/18/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.10	< 0.025
Turtle Creek - Trinity River	CEDR-1	5/10/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.13	< 0.025
		7/24/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.099	< 0.025
	COO-A	5/9/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.19	< 0.025
		7/17/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	<0.10	< 0.025
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	< 0.10	< 0.10	< 0.020	< 0.010	< 0.050	0.21	< 0.050
		8/6/2018	< 0.050	< 0.050	< 0.010	< 0.0050	< 0.025	0.14	< 0.025

Table B-5d Water Quality Data (Pesticides 2)

HUC Watershed	Sample ID	Collection Date	Chlordane (µg/L)	Delta BHC (µg/L)	Dieldrin (µg/L)	Endosulfan I (µg/L)	Endosulfan II (µg/L)	Endosulfan sulfate (µg/L)	Endrin (µg/L)
Bachman Branch - Elm Fork Trinity River	JOES-1	5/24/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/25/2018	< 0.20	0.68	< 0.020	< 0.010	< 0.020	< 0.10	< 0.010
	BAB-B	4/30/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/6/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	NWD-A-1	5/24/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/25/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	RIB-A	5/9/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/17/208	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
Delaware Creek - West Fork Trinity River	MOC-A	4/17/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		7/2/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/2/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
Farmer's Branch - Elm Fork Trinity River	FARM-1	5/24/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/25/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	FIV-A	5/1/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		5/1/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/6/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	FIV-B	5/1/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/6/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	NEW-A	4/17/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		7/3/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/3/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	SEDA-1	5/10/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/24/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
Floyd Branch - White Rock Creek	FLO-A	4/18/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		4/18/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		7/5/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	MCK-C	4/30/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		4/30/2018	< 0.20	< 0.051	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/7/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
Headwaters Five Mile Creek	FIV-D	4/18/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table B-5d (cont.)

Water Quality Data (Pesticides 2)

Permit-Listed Watershed	Sample ID	Collection Date	Chlordane (µg/L)	Delta BHC (µg/L)	Dieldrin (µg/L)	Endosulfan I (µg/L)	Endosulfan II (µg/L)	Endosulfan sulfate (µg/L)	Endrin (µg/L)
Headwaters Ten Mile Creek	TEN-B	4/17/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		7/2/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	TEN-D	4/18/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		7/5/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
Headwaters Turtle Creek	CEB-B	5/1/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/6/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	KNI-A	5/1/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/6/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	TRO-A	5/9/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/16/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	TUR-A	5/9/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/18/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
Prairie Creek - Trinity river	PRA-A	4/17/2018	< 0.10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
		7/3/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
South Mesquite Creek	SMC-A	4/30/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/6/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	SMC-B	5/9/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/16/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/16/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	SMC-C	5/9/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/18/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
Turtle Creek - Trinity River	CEDR-1	5/10/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/24/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
	COO-A	5/9/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
		7/17/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	< 0.20	< 0.050	< 0.020	< 0.010	< 0.020	< 0.10	< 0.020
		8/7/2018	< 0.10	< 0.025	< 0.010	< 0.0050	< 0.010	< 0.050	< 0.010

Table B-5e

Water Quality Data (Pesticides 3)

HUC Watershed	Sample ID	Collection Date	Endrin aldehyde (µg/L)	G-BHC (Lindane) (µg/L)	Heptachlor (µg/L)	Heptachlor epoxide (µg/L)	Simazine (µg/L)	Methoxychlor (µg/L)	Toxaphene (µg/L)
Bachman Branch - Elm Fork Trinity River	JOES-1	5/24/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.109	< 1.0	< 0.15
		7/25/2018	< 0.10	0.87	< 0.010	< 0.010	< 0.17	< 2.0	< 0.30
	BAB-B	4/30/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.067	< 2.0	< 0.30
		8/6/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	NWDA-1	5/24/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.109	< 1.0	< 0.15
		7/25/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.18	< 1.0	< 0.15
	RIB-A	5/9/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.068	< 1.0	< 0.15
		7/17/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
Delaware Creek - West Fork Trinity River	MOC-A	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.067	< 0.010	< 0.30
		7/2/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
		7/2/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
Farmer's Branch - Elm Fork Trinity River	FARM-1	5/24/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.104	< 1.0	< 0.15
		7/25/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	FIV-A	5/1/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.067	< 2.0	< 0.30
		5/1/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.067	< 2.0	< 0.30
		8/6/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	FIV-B	5/1/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.066	< 2.0	< 0.30
		8/6/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	NEW-A	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.067	< 0.010	< 0.30
		7/3/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	Lab did not report	< 1.0	< 0.15
		7/3/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	Lab did not report	< 1.0	< 0.15
	SEDA-1	5/10/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.068	< 1.0	< 0.15
		7/24/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
Floyd Branch - White Rock Creek	FLO-A	4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.068	< 0.010	< 0.30
		4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.067	< 0.010	< 0.30
		7/5/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.18	< 1.0	< 0.15
	MCK-C	4/30/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.068	< 2.0	< 0.30
		4/30/2018	< 0.10	< 0.051	< 0.010	< 0.010	< 0.067	< 2.0	< 0.30
		8/7/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
Headwaters Five Mile Creek	FIV-D	4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.069	< 0.010	< 0.30
		7/5/2018	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table B-5e (cont.)

Water Quality Data (Pesticides 3)

HUC Watershed	Sample ID	Collection Date	Endrin aldehyde (µg/L)	G-BHC (Lindane) (µg/L)	Heptachlor (µg/L)	Heptachlor epoxide (µg/L)	Simazine (µg/L)	Methoxychlor (µg/L)	Toxaphene (µg/L)
Headwaters Ten Mile Creek	TEN-B	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.067	< 0.010	< 0.30
		7/12/2017	< 0.010	< 0.010	< 0.010	< 0.010	< 0.067	< 0.010	< 0.30
	TEN-D	4/18/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.071	< 0.010	< 0.30
		7/5/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
Headwaters Turtle Creek	CEB-B	5/1/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.068	< 2.0	< 0.30
		8/6/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	KNI-A	5/1/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.066	< 2.0	< 0.30
		8/6/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	TRO-A	5/9/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.066	< 1.0	< 0.15
		7/16/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	TUR-A	5/9/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.068	< 1.0	< 0.15
		7/18/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
Prairie Creek - Trinity River	PRA-A	4/17/2018	< 0.010	< 0.010	< 0.010	< 0.010	< 0.066	< 0.010	< 0.30
		7/3/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	Lab did not report	< 1.0	< 0.15
South Mesquite Creek	SMC-A	4/30/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.068	< 2.0	< 0.30
		8/6/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	SMC-B	5/9/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.067	< 1.0	< 0.15
		7/16/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
		7/16/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	SMC-C	5/9/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.066	< 1.0	< 0.15
		7/18/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
Turtle Creek - Trinity River	CEDR-1	5/10/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.067	< 1.0	< 0.15
		7/24/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15
	COO-A	5/9/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.069	< 1.0	< 0.15
		7/17/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.18	< 1.0	< 0.15
White Rock Creek - White Rock Lake	DIX-A	4/30/2018	< 0.10	< 0.050	< 0.010	< 0.010	< 0.067	< 2.0	< 0.30
		8/7/2018	< 0.050	< 0.025	< 0.0050	< 0.0050	< 0.17	< 1.0	< 0.15

Note:

1. For 4/17/2018 samples, Simazine hold time missed due to lab oversight. Simazine results for samples collected on 4/18/2018 may be biased high as Laboratory Control Sample recovery was above QC limits.
2. For samples collected on 4/30/2018, Simazine and Atrazine results may be biased high as Laboratory Control Sample recovery was above QC limits and may be biased low for Aldrin, alpha-BHC, beta-BHC, Lindane, 4,4-DDD, 4,4-DDE, Dieldrin, Endrin Aldehyde, Heptachlor and Heptachlor epoxide due to Laboratory Control Sample recovery was below QC limits.
3. For samples collected on 5/1/2018, Atrazine results may be biased high as Laboratory Control Sample recovery was above QC limits and may be biased low for Aldrin, alpha-BHC, beta-BHC, gamma-BHC, 4,4-DDD, 4,4-DDT, Dieldrin, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor and Heptachlor epoxide due to Laboratory Control Sample recovery below QC limits.
4. Samples collected on 5/9/2018, Atrazine results may be biased high as Laboratory Control Sample recovery was above QC limits and may be biased low for Aldrin, alpha-BHC, 4,4-DDD, Endosulfan Sulfate, and Heptachlor due to Laboratory Control Sample recovery below QC limits. Bacteria sample analysis was conducted outside the EPA method hold time by the lab.
5. Samples collected on 5/10/2018, Atrazine and Simazine results may be biased high as Laboratory Control Sample recovery was above QC limits and may be biased low for Aldrin, alpha-BHC, delta-BHC, gamma-BHC, 4,4-DDE, and Heptachlor due to Laboratory Control Sample recovery below QC limits.
6. Samples collected on 5/24/2018, Aldrin, alpha-BHC, delta-BHC, Endosulfan I, and Endosulfan sulfate results may be biased low due to Laboratory Control Sample recovery below QC limits.
7. Atrazine and Simazine results were not reported by the contract lab for samples collected on 7/3/2018.
8. Extraction and preparation conducted outside EPA method holding time for Atrazine and Simazine samples collected on 7/16/2018.
9. Atrazine results may be biased high as Laboratory Control Sample recovery was above QC limits for samples collected on 7/17/2018 and 7/18/2018.
10. The results may be biased low for 4,4-DDT for samples collected on 7/24/2018 and 7/25/2018 due to continuing calibration being outside the Lab Acceptance Limit.
11. For samples collected on 8/7/2018, delta-BHC, 4,4-DDT and Methoxychlor results may be biased high due continuing calibration being outside the Lab Acceptance Limit.

Table C-1**Bacteria Trends – from Rapid Bioassessment Data**

Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# Exceedences	Period of Record
Elm Fork Trinity River (Texas Segment 0822)							
Elm Fork Trinity River (ELMT-1)	441	-69%	21	34,480	10	14	2009-2018
Furneaux Creek (FUR-A)	105	-45%	26	2,247	6	13	2007-2018
Hutton Branch (HUTT-1)	67	-47%	24	816	10	4	2007-2018
Elm Fork @ Cooks Branch (EFCB-1)	11	-66%	22	490	1	1	2009-2018
Farmer's Branch (FARM-1)	52	-74%	26	1,900	1	8	2007-2018
Joe's Creek (JOES-1)	740	0%	22	32,550	108	20	2009-2018
West Joe's Creek (NWDA-1)	135	228%	20	43,520	9	9	2007-2018
Upper Bachman Creek (BAB-C)	207	-29%	23	921	39	17	2009-2018
Bachman Creek U/S Bachman Lake (BAB-B)	132	-47%	23	500	10	15	2007-2018
Bachman Creek (LBAC-1)	98	-69%	20	563	10	7	2009-2018
California Crossing (CAC-A)	34	60%	20	760	1	5	2007-2018
Daniel's Creek (DAN-A)	95	198%	27	2,420	1	9	2007-2018
Richard's Branch (RIB-A)	168	-10%	26	2,900	1	16	2007-2018
Elm Fork Trinity River (NWD-5)	657	-83%	14	5,170	2	12	2009-2018
Lower West Fork Trinity River (Texas Stream Segment 0841)							
Fish Creek – Mountain Creek Lake							
Mountain Creek U/S (MOC-B)	17	247%	28	231	1	2	2007-2018
Artesian Creek (ART-A)	20	-70%	24	591	1	1	2007-2018
Delaware Creek (DELA-1)	175	-20%	14	241,960	1	8	2009-2018
Mountain Creek D/S (MOC-A)	21	603%	26	1,600	1	3	2007-2018
Lower Mountain Creek (LMOC-1)	99	229%	21	11,199	1	9	2009-2018
West Fork Trinity River (WDAL-2)	291	124%	17	2,420	20	14	2009-2018
Old Trinity River (Nobles Branch) (WDAL1)	122	-78%	17	1,850	10	8	2009-2018

Table C-1 (cont.)**Bacteria Trends – from Rapid Bioassessment Data**

Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# Exceedences	Period of Record
Main Stem Trinity River (Texas Stream Segment 0805-04) [Segment from West Fork/Elm Fork confluence to Cedar Creek]							
Headwaters Turtle Creek							
Dallas East Bank Sump (Delta) (U/S) (DAEB-2)	320	33%	21	487,856	1	17	2009-2018
Dallas East Bank Sump (D/S) (DAEB-1)	223	1%	21	3,076	10	15	2009-2018
Knights Branch (KNI-A)	439	121%	25	11,199	7	23	2007-2018
Old Trinity River – U/S (TRO-C)	94	129%	21	1,046	10	9	2009-2018
Old Trinity River – D/S (TRO-A)	123	32%	25	2,603	1	12	2008-2018
Cedar Branch (CEB-B)	935	-33%	20	2,420	243	20	2009-2018
Turtle Creek - U/S (TUR-C)	249	-70%	20	1,274	34	18	2009-2018
Turtle Creek - D/S (TUR-A)	491	-94%	23	11,199	69	21	2007-2018
CBD - 2	1,293	45%	19	24,196	184	19	2009-2018
Main Stem Trinity River (Texas Stream Segment 0805-04) [Segment from West Fork/Elm Fork confluence to Cedar Creek]							
Turtle Creek – Trinity River (West Bank)							
Fish Trap Lake (FIL-A)	136	353%	23	1,467	1	15	2007-2018
Coombs Creek (COO-A)	340	-44%	26	22,470	10	22	2007-2018
Dallas West Bank Sump System (DAWB-3)	317	-42%	16	4,611	10	10	2009-2018
Lake Cliff (LAC-A)	52	553%	23	16,000	1	7	2007-2018
Cedar Creek – U/S (CEC-B)	910	-35%	20	15,531	63	19	2009-2018
Cedar Creek – D/S (CEDR-1)	408	-76%	27	1,700	85	25	2009-2018
Main Stem Trinity River (Texas Stream Segment 0805-03) [Segment from Cedar Creek to Five Mile Creek]							
Five Mile Creek – Trinity River							
West Sump System (SDAL-1)	380	81%	23	900	98	22	2009-2018
Honey Springs Branch (SEDA-1)	98	-19%	22	487	20	9	2009-2018
Elam Creek – U/S @175 (ELA-B)	440	1320%	14	1,414	31	13	2011-2018
Elam Creek – D/S (ELA-A)	480	0%	23	24,196	75	21	2007-2018

Table C-1 (cont.)**Bacteria Trends – from Rapid Bioassessment Data**

Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# Exceedences	Period of Record
Five Mile Creek System							
Headwaters Five Mile Creek							
Five Mile Creek – U/S @ Loop 12 (FIV-e)	179	-11%	22	1,440	20	17	2007-2018
Five Mile Creek -U/S @ Loop 12 (FIV-d)	158	-21%	23	2,520	52	12	2007-2018
Crow Creek (CRO-A)	472	-14%	22	3,654	10	19	2007-2018
Woody Branch (WOO-A)	346	80%	27	9,678	64	23	2007-2018
Rickett's Branch (RIC-B)	224	92%	25	1,529	10	19	2007-2018
Five Mile Creek –M/S @ (FIV-c)	143	1	25	3,448	10	14	2007-2018
Five Mile Creek - Trinity River							
Five Mile Creek – M/S @ (FIV-B)	110	-31%	27	2,420	10	10	2007-2018
Five Mile Creek – D/S @ SH310 (FIV-A)	112	229%	28	2,420	3	11	2007-2018
Main Stem Trinity River (Texas Stream Segment 0805-02) [Segment from Five Mile Creek to Ten Mile Creek]							
East Bank – Trinity River							
Upper Prairie Creek – Trinity River							
Prairie Creek - U/S (PRAI 2)	111	-99%	17	20,000	10	6	2009-2018
Prairie Creek – D/S (PRA-A)	117	1075%	19	771	10	8	2009-2018
Main Stem Above Ten Mile Creek (ATEN-1)	37	3551%	4	800	1	1	2009-2018
Hickory Creek - Parson's Slough							
Hickory Creek (HIC-D)	205	-87%	17	1,600	6	11	2009-2018
Parsons Slough (PAR-A)	325	25%	11	900	98	10	2009-2018
Headwaters Ten Mile Creek							
Ten Mile Creek – U/S (Ten-D)	107	-34%	25	12,997	10	10	2007-2018
Ten Mile Creek - D/S (Ten-B)	74	-52%	30	2,282	1	14	2007-2018

Table C-1 (cont.) Bacteria Trends – from Rapid Bioassessment Data

Watershed (Sample Location)	Geomean	Percent Improvement	# Samples	Maximum	Minimum	# Exceedences	Period of Record
White Rock Creek System (Texas Stream Segment 0827) [discharges into trinity River Stream Segment 0805-03]							
Headwater White Rock Creek							
White Rock creek Above Lake (UWRC-1)	74	-33%	23	4,000	3	6	2009-2018
Floyd Branch – White Rock creek							
McKamy Branch (MCK-C)	262	-31%	21	1,017	63	18	2009-2018
Cottonwood Creek (COT-C)	660	59%	24	21,200	161	24	2007-2018
Floyd Branch (FLO-A)	468	13%	27	19,863	160	27	2007-2018
White Rock Creek – U/S (WHC-C)	142	-35%	27	2,420	1	16	2007-2018
White Rock creek – White Rock Lake							
Jackson ranch (JAC-A)	421	41%	29	2,420	52	27	2007-2018
Dixon Branch (DIX-A)	367	47%	24	4,400	122	23	2007-2018
Williamson Branch (WIL-A)	258	-44%	18	2,863	1	14	2007-2018
McCommas Creek (MCC-A)	146	-30%	27	613	1	18	2007-2018
City of Dallas – White Rock Creek							
Ash Creek (ASH-A)	148	-30%	24	3,255	10	14	2007-2018
White Rock Creek below Lake (WHC-A)	100	109%	22	780	20	8	2007-2018
Lower White Rock Creek (DALW-3)	1,408	-41%	8	3,654	776	6	2009-2011
Lake Ray Hubbard (Texas Stream Segment 0820)							
Pitman Creek – Spring Creek							
Spring Creek (SPC-A)	128	-39%	23	1,274	10	11	2009-2018
Duck creek							
Long Branch Creek (LON-B)	328	-54%	18	1,354	26	15	2009-2018
East Fork Trinity River (Texas Stream Segment 0819)							
South Mesquite Creek (Reference)							
South Mesquite creek – U/S (SMC-C)	90	-90%	22	3,873	1	11	2007-2018
South Mesquite creek – Mid (SMC-B)	81	-67%	27	991	1	13	2007-2018
South Mesquite creek – D/S (SMC-A)	75	-42%	26	1,300	10	9	2007-2018
East Fork Trinity							
NOTES:							
Values indicate change in Geomean over Period of Record	Water Quality criteria exceedance or significant water quality degradation (negative change)						