PUBLIC EDUCATION, OUTREACH AND INVOLVEMENT

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
City Composting Program			X	X	X	X	X
Continue the community composting location on City grounds. Maintain the location for the pubilc to properly dispose of grass clippings and other biodegradable materials. Make the compost material available for citizen reuse and continue educating the community about the benefits of composting.	City Administration	Continue provision of the composting site for the public. Continue advertisement of the site and the program in the City newsletter and the City website.	Year 1 - Year 5				
		Provide curbside pickup for Christmas trees. Convert trees to mulch for residential use.					

GOAL: Annual public education at quarterly City Council meetings and periodically at City civic meetings, and involvement to reduce the amount of trash that could enter local streams and creeks.

TARGET AUDIENCE: Residents, including single and multifamily, businesses, and schools.

NOTES: The City provides opportunities for the pubic to participate in a composting program. By providing a location for residents and businesses to compost grass clippings and other boiodegradable material, the City is helping prevent illegal dumping and also reducing the need for fertilizers. Compost materials provide a natural fertilizer that will reduce the need for chemical fertilizers. Through this program, the City also provides the opportunity for residents and businesses to recycle their Christmas trees each year. The trees are converted to mulch, which is then made available to residents and businesses. Mulch provides water storage and can reduce landscape watering needs. Mulch also provides soil protection and prevents erosion and sediment runoff.

Construction Site Waste Management Guideline			X	X	X	X	X
Continue provision of a guideline for contractors that educate them about proper disposal of wastes including discarded building materials, concrete truck washout water, chemicals, litter, and sanitary waste at a construction site.	City Administration	Provide the construction site erosion control education guideline to contractors and homebulders at preconstruction meetings or with the building permit.	Year 1 - Year 5				

GOAL: Annual public education about sediment and erosion control at construction sites.

TARGET AUDIENCE: Construction site personnel, developers, and homebuilders..

NOTES: The City has developed an educational handout that outlines the stormwater management ordinances, waste controls, BMP installation and maintenance, and other stormwater pollution prevention requirements for construction sites. The City will update this brochure to include information about the Dalworthington Gardens erosion and sediment control ordinance, and any other concerns that the City needs to address such as trash confinement and washout areas. The City requires that silt fencing be installed at all development and re-development sites to avoid lot-to-lot drainage.

PUBLIC EDUCATION, OUTREACH AND INVOLVEMENT

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Fats, Oils, and Grease Education *			X	X	X	X	X
Continue provision of educational information and resources about fats, oils, and grease.	City Administration	Continue provision of a link to FOG educational material on the City website. Include information in the City newsletter.	Year 1 - Year 5				

GOAL: Annual public education about HHW and involvement in the proper disposal of HHW.

TARGET AUDIENCE: Residents, including single and multifamily, businesses, and schools.

TMDL BENCHMARK: Lower West Fork Trinity River: 16,390 (billion MPN/100 mL); Rush Creek: 933.2 (billion MPN/100 mL).

NOTES: The City will research potential fats, oils, and grease (FOG) educational material. The TCEQ, EPA, and the North Central Texas Council of Governments all have various information or brochures that the City may choose to utilize.

Household Hazardous Waste (HHW) Program			X	X	X	X	X
Continue the program to provide a location for residents to properly dispose of HHW and to maintain public education about the program and improper disposal of HHW.	City Administration	Continue educating the public about household hazardous wastes through the City website and City newsletter.	Year 1 - Year 5				
		Renew the interlocal agreement with the City of Fort Worth for use of the Crud Cruiser.					

GOAL: Annual public education about HHW and involvement in the proper disposal of HHW.

TARGET AUDIENCE: Residents including single family and multifamily.

NOTES: The City currently has an inter-local agreement with the City of Fort Worth for use of their Environmental Collection Center and for use of the Crud Cruiser, a mobile collection facility. Information about HHW and accepted items is located on the City website.

PUBLIC EDUCATION, OUTREACH AND INVOLVEMENT

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Pet Waste Management *			X	X	X	X	X
Continue the program to educate residents about pet waste concerns and encourage proper disposal.	City Administration	Continue research of existing educational material about pet waste. Also research the value of a pet waste ordinance.	Year 1 & Year 3				
		Prepare and adopt revised pet waste ordinance if necessary. Distribute materials.	Year 1 - Year 5				
		Continue to provide pet waste bag stations at City park, and keep records as to the dates of necessary replacement of the bags.	Year 1 - Year 5				

GOAL: Annual public education about impacts that pet waste can have on storm water and to encourage proper disposal.

TARGET AUDIENCE: Residents, including single and multifamily, youth, businesses, schools, and volunteer groups.

TMDL BENCHMARK: Lower West Fork Trinity River: 16,390 (billion MPN/100 ml); Rush Creek: 933.2 (billion MPN/100 ml).

NOTES: The City will research if it can benefit from a pooper scooper law. If the City decides to adopt one, the ordinance will take effect in Year 2. The City will also research existing pet waste material that can be found from organizations such as EPA, TCEQ, NCTCOG, and Agrilife. The City will distribute this information to residents. The City will also continue providing pet waste bag stations at the City park. The City will keep records as to the dates of necessary replacement of the pet waste bags.

Recycling Program			X	X	X	X	X
Remind residents to actively participate in recycling stressing on the City website the effects the lack of recycling has on stormwater pollution. Continue the provision of curbside recycling for residents. Educate the public about the benefits of recycling and advertise the program through articles on the City website and in the City newsletter.	City Administration	Continue provision of the recycling program with curbside pickup for residents. Continue inclusion of information about recycling on the City website, and specifically mention importance to new residents and businesses.	Year 1 - Year 5				

GOAL: To continue educating the public at least annually about recycling and other environmental and stormwater concerns, and encourage resident and business involvement.

TARGET AUDIENCE: Residents including single family, and multifamily, businesses, schools, and volunteer groups.

NOTES: The City currently provides curbside recycling bins for residents. Information about the program is on the City website. The City will add information to the website to educate residents, and especially new residents, about the importance of recycling and its impact on stormwater quality. Recycling is also encouraged during the annual spring cleanup event. The City may decide to pass out information on the benefits of recycling around this time. This program has two drawbacks in that the City: (1) has no means of tracking how many residents and businesses recycle, and (2) has no means of tracking the amount of recycled material is provided.

PUBLIC EDUCATION, OUTREACH AND INVOLVEMENT

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Spring Cleanup Event			X	X	X	X	X
Continue providing a spring cleanup event for for the citizens of the City including pickup of bulk trash. Continue providing recycling and grinding of tree limbs and brush.	City Administration	Continue providing at least one cleanup event per year. Advertise the event on the City website and in the City newsletter.	Year 1 - Year 5				

GOAL: Annual public involvement in proper disposal of trash, brush, and bulk items.

TARGET AUDIENCE: Residents, businesses, and schools.

NOTES: The City provides opportunities for the public to participate in an annual spring cleanup event. The City encourages cleanup of trash, branches, brush, and debris. By providing this service for residents and businesses, the City is helping prevent illegal dumping.

Storm Drain Inlet Marking			X	X	X	X	X
Placing polyvinyl stickers on storm drain inlets that warn the public not to dump pollutants into the inlets.	City Administration	Continue requiring inlet markers to be placed on new development in the City.	Year 1 - Year 5				

GOAL: Annual public education to reduce pollutants from entering the storm drain systems.

TARGET AUDIENCE: Residents, visitors, and businesses.

NOTES: The City has placed storm drain markers on City storm drain inlets. Semi-annually, the City replaces any worn markers and places markers on storm drain inlets in all new developments. Records are kept regarding the number of new markers installed and their locations. Storm drain marking educates the community about the storm drain systems and the hazards of dumping pollutants into the various types of storm drain inlets.

PUBLIC EDUCATION, OUTREACH AND INVOLVEMENT

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Stormwater Webpage			X	X	X	X	X
Continue promoting stormwater education and the pollution prevention webpage. Education will be targeted at residents, visitors, businesses, and other commercial facilities.	City Administration	Continue providing a stormwater education webpage on the City website. Continue advertising the webpage annually in the City newsletter.	Year 1 - Year 5				

GOAL: Annual public education about various stormwater and environmental issues.

TARGET AUDIENCE: Residents, children, visitors, businesses, schools, volunteer groups, and commercial companies.

NOTES: The City will maintain and update their webpage on the City website to educate citizens about stormwater runoff and pollution prevention. Material may include information about FOG, pet waste, yard waste, Texas SmartScope, water conservation, etc. The webpage will continue to provide for any volunteer opportunities, as well as links to other educational stormwater webpages for further information. The City posts this SWMP and its Annual Reports on their website: www.cityofdwg.net

During the course of the permit year, if the City makes any changes or revisions to any of these BMP's, the City will complete TCEQ's Form 20391 and promptly file such form with the State and Regional offices of TCEQ.

B. Illicit Discharge Detection and Elimination (IDDE)

I. TCEQ Permit Requirements (Ref. TPDES Permit Part III.B.2):

(a) PROGRAM DEVELOPMENT

(1) All permittees shall develop, implement, and enforce a program to detect, investigate, and eliminate illicit discharges into small MS4s. the program must include a plan to detect and address non-stormwater discharges, including illegal dumping into the MS4 system.

Existing permittees must assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. See also Part III.A.1(c).

The Illicit Discharge Detection and Elimination (IDDE) program must include the following:

a. An up-to-date MS4 map (see Part III.B.2.(c)(1));
b. Methods for informing and training MS4 field staff (see Part III.B.2.(c)(2));
c. Procedures for tracing the source of an illicit discharge (see Part III.B.2.(c)(5));
d. Procedures for removing the source of the illicit discharge (see Part III.B.2.(c)(5));
e. For Level 2, 3 and 4 small MS4s, if applicable, procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4;
f. For Level 4 small MS4s, procedures for identifying priority areas within the small MS4 likely to have illicit discharges, and a list of all such areas identified in the small MS4 (see Part III.B.2.(g)(1));
g. For Level 4 small MS4s, field screening to detect illicit discharges (see Part III.B.2.(g)(2)).

(2) For non-traditional small MS4s, if illicit connections or illicit discharges are observed related to another operator's MS4, the permittee shall notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 operator is not practicable, then the permittee shall notify the appropriate TCEQ regional office of the possible illicit connection.

(3) If another MS4 operator notifies the permittee of an illegal connection or illicit discharge to the small MS4, then the permittee shall follow the requirements specified in Part III.B.2.(c)(3).

(4) All permittees shall review and update, as necessary, the SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be reflected in the annual report. Such written procedures must be maintained, either on site or in the SWMP and made available for inspection by the TCEQ.

(b) ALLOWABLE NON-STORMWATER DISCHARGES

Non-stormwater flows listed in Part II.C do not need to be considered by the permittee as an illicit discharge requiring elimination unless the permittee or the TCEQ identifies the flow as a significant source of pollutants to the small MS4.

(c) REQUIREMENTS FOR ALL PERMITTEES

All permittees shall include the requirements described below in Parts III.B.2©(1)-(6).

(1) MS4 mapping

All permittees shall maintain an up-to-date MS4 map, which must be located on site and available for review by the TCEQ. The MS4 map must show at a minimum the following information:

a. The location of all small MS4 outfalls that are operated by the permittee and that discharge into water of the U.S.;
b. The location and name of all surface waters receiving discharges from the small MS4 outfalls;
c. Priority areas identified under Part III.B.2.(e)(1) if applicable.

(2) Education and Training

All permittees shall implement a method for informing or training all the permittee's field staff that may come into contact with or otherwise observe an illicit discharge or illicit connection to the small MS4 as part of their normal job responsibilities. Training program materials and attendance lists must be maintained on site and made available for review by the TCEQ.

(3) Public Reporting of Illicit Discharges and Spills

To the extent feasible, all permittees shall publicize and facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4. The permittee shall provide a central contact point to receive reports; for example, by including a phone number for complaints and spill reporting.

(4) All permittees shall develop and maintain on site procedures for responding to illicit discharges and spills.

(5) Source Investigation and Elimination

a. Minimum Investigation Requirements – Upon becoming aware of an illicit discharge, all permittees shall conduct an investigation to identify and locate the source of such illicit discharge as soon as practicable.

(i) All permittees shall prioritize the investigation of discharges based on their relative risk of pollution. For example, sanitary sewage may be considered a high priority discharge.

(ii) All permittees shall report to the TCEQ immediately upon becoming aware of the occurrence of any illicit flows believed to be an immediate threat to human health or the environment.

(iii) All permittees shall track all investigations and document, at a minimum, the date(s) the illicit discharge was observed; the results of the investigation; any follow-up of the investigation; and the date the investigation was closed.

b. Identification and Investigation of the Source of the Illicit Discharge – All permittees shall investigate and document the source of illicit discharges where the permittees have jurisdiction to complete such an investigation. If the source of the illicit discharge extends outside the permittee's boundary, all permittees shall notify the adjacent permitted MS4 operator or TCEQ's Field Operation Support division according to Part III.A.3.b.

c. Corrective Action to Eliminate Illicit Discharge

(i) If and when the source of the illicit discharge has been determined, all permittees shall immediately notify the responsible party of the problem, and shall require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.

(6) Inspections – The permittee shall conduct inspections, as determined appropriate, in response to complaints, and shall conduct follow-up inspections as needed to ensure that corrective measures have been implemented by the responsible party.

(d) ADDITIONAL REQUIREMENTS FOR LEVEL 3 AND 4 SMALL MS4S

In addition to the requirements described in Parts III.B.2(c)(1)-(6) above, permittees who operated Level 3 and 4 small MS4s shall meet the following requirements:

(1) Source Investigation and Elimination

Permittees who operate Level 3 and 4 small MS4s shall upon being notified that the discharge has been eliminated, conduct a follow-up investigation or field screening, consistent with Part III.B.2.(e)(2), to verify that the discharge has been eliminated. The permittee shall document its follow-up investigation. The permittee may seek recovery and remediation costs from responsible parties consistent with Part III.A.3., and require compensation related costs. Resulting enforcement actions must follow the procedures for enforcement action in Part III.A.3. If the suspected source of the illicit discharge is authorized under an NPDES/TPDES permit or the discharge is listed as an authorized non-stormwater discharge, as described in Part III.C., no further action is required.

(e) ADDITIONAL REQUIREMENTS FOR LEVEL 4 SMALL MS4S

In addition to the requirements described in Parts III.B.2(c)-(d) above, permittees who operated Level 4 MS4s shall meet the following requirements:

(1) Identification of Priority Areas

Permittees who operate Level 4 small MS4s shall identify priority areas and shall document the basis for the selection of each priority area and shall create a list of all priority areas identified. This priority area list must be available for review by the TCEQ.

(2) Dry Weather Field Screening

By the end of the permit term, permittees who operate Level 4 small MS4s shall develop and implement a written dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4. Dry weather field screening must consist of (1) filed observations; and (2) as needed, field screening. If dry weather field screening is necessary, at a minimum, the permittee shall:

a. Conduct dry weather field screening in priority areas as identified by the permittee in Part III.B.2(e)(1). By the end of the permit term, all of those priority areas, although not necessarily all individual outfalls must be screened.

b. Field observation requirements – The permittee shall develop written procedures for observing flows from outfalls where there has been at least 72 hours of dry weather. The written procedures should include the basis used to determine which outfalls would be observed. The permittee shall record visual observations such as odor, color, clarity, floatables, deposits or stains.

c. Field screening requirements – The permittee shall develop written procedures to determine which dry weather flows will be screened, based on results of field observations or complaint from the public or the permittee's trained field staff. At a minimum, when visual observations indicate a potential problem such as discolored flows, foam, surface sheen, and other similar indicators of contamination, the permittee shall conduct a field screening analysis for selected indicator pollutants as determined by the permittee. Screening methodology may be modified based on experience gained during the actual field screening activities. The permittee shall document the method used.

2. Best Management Practices

The City of Dalworthington Gardens has selected the following BMPs to fulfill the requirements of the Illicit Discharge Detection and Elimination minimum control measure:

1. Storm Drainage System Map
2. Education and Training on Illicit Discharges
3. Public Reporting & Response Procedures
4. Source Investigation and Elimination
5. Detection and Elimination of Illicit Sanitary Sewer Discharges*

*TMDL Specific BMP

ILLICIT DISCHARGE DETECTION AND ELIMINATION

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Storm Drainage System Map			X	X	X	X	X
Maintain an up-to-date storm drainage system map that includes identifying locations of storm drainage conveyance, all major outfalls and the names and locations of receiving waters.	Public Works	Annually update the storm drainage system map using record drawings submitted for any new development or or redevelopment projects.	Year 1 - Year 5				

NOTES: The City maintains a map of the storm drain system that includes locations of outfalls and receiving waters. The MS4 map is located in the Public Works Department and will be regularly updated with new storm drain locations when new development or public works projects are completed. The map includes locations of all City outfalls that discharge to waters of the U.S., and the location and name of all surface waters receiving the discharge.

Education and Training on Illicit Discharges			X		X		
Provide educational information and training to relevant City staff including field personnel who may come into contact with or observe an illicit discharge or illicit connection.	Public Works	Maintain and update a list of City staff and training materials to be used for illicit discharge detection education.	Year 1 & Year 3				
		Continue providing training for City staff and document attendees and training materials used.	X	X	X	X	X
			Year 1 - Year 5				

NOTES: The City will implement an illicit discharge and illicit connection training program for City staff that could come into contact with or observe an illicit discharge or connection to the MS4. The City may use outside training resources or may develop in-house training utilizing available resources including online training, Center for Watershed Protection training materials, or other regional developed training materials through NCTCOG, EPA, etc. The training program and materials lists will be maintained with the Public Works Department. The City provides a phone number on the contact tab of their website by which local citizens can report any illicit discharges.

ILLICIT DISCHARGE DETECTION AND ELIMINATION

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Public Reporting and Response Procedures			X	X	X	X	X
Provide a public reporting/input mechanism for receipt and consideration of information submitted by the public concerning construction site stormwater runoff, illicit discharges or illegal dumping.	City Administration & Public Works	Post a public reporting/input input phone number and information on the City website with a central contact point.	Year 1 - Year 5				
		Document reports received and any corrective actions taken.	Year 1 - Year 5				
		Update on-site procedures for responding to illicit discharges and spills.	X	X	X	X	X
			Year 1 - Year 5				

NOTES: The City has a contact tab on the website that allows residents to report any illegal dumping. The City will include information about illicit discharges. The City Administration Department administers the educational aspect of the reporting/input program by advertising the program on the City website, newsletter and through other means and by continuing to provide a central point of contact to receive reports. The Public Works Department will receive, documents and respond to the reports and input from the public. The City will follow the procedures as developed under the Source Investigation and Elimination BMP.

Source Investigation and Elimination				X			
Develop inspection and investigaton procedures to identify and locate the source of any reported illicit discharges. Develop procedures for addressing the source of an illicit discharge including corrective actions upon source determination, follow-up investigations and dry weather screening, as appropriate.	Public Works	Review current City illicit discharge ordinance and TCEQ requirements for Source Investigation and Elimination requirements. Prepare ordinance changes, if necessary.	Year 2				
		Update written procedures for responding to illicit discharges including inspections, investigations, and corrective actions.		X			
			Year 2				
		Implement the illicit discharge source investigation and elimination procedures. Document all reports and responses.			X		
			Year 3				

NOTES: The City will update current illicit discharge inspection. investigation and elimination procedures to comply with Part III.B.2.(c)(5) of the TCEQ MS4 permit (page 34). Inspections shall be performed in response to complaints or reports of illicit discharges. Investigations shall include prioritization based on potential risk to human health and/or the environment, tracking and documentation of the inspection of the source, follow-up inspections once corrected, and date closed. Upon the discovery of any immediate risk to human health or the environment, the City will contact TCEQ. If the source of the discharge is outside the jurisdiction, the City shall notify the responsible MS4 or the TCEQ as appropriate. Corrective actions shall include notification to the discharger of the problem and requirements for performing all corrective actions. Penalties may be assessed as determined by the MS4 per the illicit discharge ordinance.

ILLICIT DISCHARGE DETECTION AND ELIMINATION

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Detection and Elimination of Illicit Sanitary Sewer Discharges*			X	X	X	X	X
A program to eliminate illicit discharges resulting from sanitary sewer system overflows and illegal connections. Eliminate illegal sanitary sewer connections and perform sanitary sewer maintenance, replacement and/or rehabilitation projects to significantly reduce and/or eliminate the potential for sanitary sewer overflows.	Public Works	Perform sanitary sewer line maintenance, rehabilitations and replacement projects as the budget allows.	Year 1 - Year 5				
		Track locations of completed projects, and locations for future maintenance and/or rehabilitation projects.	Year 1 - Year 5				

TMDL Benchmark: Lower West Fork Trinity River 16,390 (billion MPN/100 mL); Rush Creek: 933.2 (billion MPN/100 mL)

NOTES: The City currently has a program to perform sanitary sewer line maintenance, rehabilitations, and replacement projects. The amount of projects that are done annually depend on what the budget allows. The City has a jet machine with a camera that is used every month to determine if maintenance needs are required.

C. Construction Site Stormwater Runoff Control

1. TCEQ Permit Requirements (Ref. TPDES Permit Part III.B.3):

(a) REQUIREMENTS AND CONTROL MEASURES

(1) All permittees shall develop, implement, and enforce a program requiring operators of small and large construction activities, as defined in Part I of this general permit, to select, install, implement, and maintain stormwater control measures that prevent illicit discharges to the MEP. The program must include the development and implementation of an ordinance or other regulatory mechanism, as well as sanctions to ensure compliance to the extent allowable under State, Federal, and local law, to require erosion and sediment control.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term.

If TCEQ waives requirements for stormwater discharges associated with small construction from a specific site(s), the permittee is not required to enforce the program to reduce pollutant discharges from such site(s).

(b) REQUIREMENTS FOR ALL PERMITTEES

All permittees shall include the requirements described below in Parts III.B.3(b)(1)-(7).

(1) All permittees shall review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be included in the annual report. Such written procedures must be maintained on site of in the SWMP and made available for inspection by TCEQ.

(2) All permittees shall require that construction site operators implement appropriate erosion and sediment control BMPs. The permittee's construction program must ensure the following minimum requirements are effectively implemented for all small and large construction activities discharging into its small MS4.

a. Erosion and Sediment Controls – Design, install and maintain effective erosion controls and sediment controls to minimize the discharge of pollutants.

b. Soil Stabilization – Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating or other earth disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed within a period of time determined by the permittee. In arid, semiarid, and drought-stricken areas, as determined by the permittee, where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed as specified by the permittee.

c. BMPs – Design, install, implement, and maintain effective BMPs to minimize the discharge of pollutants to the small MS4. At a minimum, such BMPs must be designed, installed, implemented and maintained to:

(i) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters;

(ii) Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials present on the site to precipitation and to stormwater; and

(iii) Minimize the discharge of pollutants from spills and leaks.

d. As an alternative to (a) through (c) above, all permittees shall ensure that all small and large construction activities discharging to the small MS4 have developed and implemented a stormwater pollution prevention plan (SEP3) in accordance with the TPDES CGP TXR150000. In arid, semiarid, and drought-stricken areas, as determined by the permittee, where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed as specified by the permittee. As an alternative, vegetative stabilization measures may be implemented as soon as practicable.

(3) Prohibited Discharges – The following discharges are prohibited:

a. Wastewater from washout of concrete and wastewater from water well drilling operations, unless managed by an appropriate control;
b. Wastewater from washout and cleanout of stucco, paint, from release oils, and other construction materials;
c. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance; and,
d. Soaps or solvents used in vehicle and equipment washing;
e. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, unless managed by appropriate BMPs.

(4) Construction Plan Review Procedures

To the extent allowable by State, Federal, and local law, all permittees shall maintain and implement site plan review procedures that describe which plans will be reviewed as well as when an operator may begin construction. For those permittees without legal authority to enforce site plan reviews, this requirement is limited to those sites operated by the permittee and its contractors and located within the permittee's regulated area. The site plan procedures must meet the following minimum requirements:

a. The site plan review procedures must incorporate consideration of potential water quality impacts.
b. The permittee may not approve any plans unless the plans contain appropriate site specific construction site control measures that, at a minimum, meet the requirements described in Part III.B.3.(a) or in the TPDES CGP, TXR150000. The permittee may require and accept a plan, such as a SWP3, that has been developed pursuant to the CGP, TXR150000.

(5) Construction Site Inspections and Enforcement

To the extent allowable by State, Federal, and local law, all permittees shall implement procedures for inspecting large and small construction projects. Permittees without legal authority to inspect construction sites shall at a

minimum conduct inspections of sites operated by the permittee or its contractors and that are located in the permittee's regulated area.

a. Inspections must occur at a frequency determined by the permittee, based on the evaluation of factors that are a threat to water quality, such as: soil erosion potential; site slope; project size and type; sensitivity to receiving water bodies; proximity to receiving water bodies; non-stormwater discharges; and past record of non-compliance by the operators of the construction site.

b. Inspections must occur during the active construction phase.

(i) All permittees shall develop, implement, and revise as necessary, written procedures outlining the inspection and enforcement requirements. These procedures must be maintained on site or in the SWMP and be made available to TCEQ.

(ii) Inspections of construction sites must, at a minimum:

1. Determine whether the site has appropriate coverage under the TPDES CGP, TXR150000. If no coverage exists, notify the permittee of the need for permit coverage.
2. Conduct a site inspection to determine of control measures have been selected, installed, implemented, and maintained according to the small MS4's requirements.
3. Assess compliance with the permittee's ordinances and other regulations.
4. Provide a written or electronic inspection report.

c. Based on site inspection findings, all permittees shall take all necessary follow-up actions (for example, follow-up-inspections or enforcement) to ensure compliance with permit requirements and the SWMP. These follow-up and enforcement actions must be tracked and maintained for review by the TCEQ. For non-traditional small MS4s with no enforcement powers, the permittee shall notify the adjacent MS4 operator with enforcement authority or the TCEQ's Field Operations Support Division according to Part III.A.3.(b).

(6) Information Submitted By The Public

All permittees shall develop, implement and maintain procedures for receipt and consideration of information submitted by the public.

(7) MS4 Staff Training

All permittees shall ensure that all staff whose primary job duties are related to implementing the construction stormwater program (including permitting, plan review, construction site inspections, and enforcement) are informed or trained to conduct these activities. The training may be conducted by the permittee or by outside trainers.

(c) ADDITIONAL REQUIREMENTS FOR LEVEL 3 AND 4 SMALL MS4S

In addition to the requirements described in Parts III.B.3(b)(1)-(7) above, permittees who operate Level 3 and 4 small MS4s shall meet the following requirements:

(1) Construction Site Inventory

Permittees who operate Level 3 and 4 small MS4s shall maintain an inventory of all permitted active public and private construction sites, that result in a total land disturbance of one or more acres or that result in a total land disturbance of less than one acre if part of a larger common

Development or sale. Notification to the small MS4 should be made by submittal of a copy of an NOI or a small construction site notice. The permittee shall make this inventory available to the TCEQ upon request.

2. Best Management Practices

The City of Dalworthington Gardens has selected the following BMPs to fulfill the requirements of the Construction Site Stormwater Runoff Control minimum control measure.

1. Erosion & Sediment Control Requirements
2. Construction Plan Review Procedures
3. Construction Site Inspection and Enforcement
4. Construction Stormwater Training
5. Construction Site Stormwater Education

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Erosion & Sediment Control Requirements			X				
Develop erosion and sediment control requirements for regulated construction activities to include implementation of erosion and sediment controls, soil stabilization and BMP's. Develop a list of prohibited discharges from construction activites to be included in the erosion and sediment control ordinance.	City Administration	Review and amend, if necessary, the current City erosion and sediment control ordinance for compliance with the renewed TCEQ permit.	Year 1				
		Update enforcement of the construction erosion and sediment control ordinance.	X	X	X	X	X
			Year 1 - Year 5				

NOTES: The City of Dalworthington Gardens has adopted an Erosion Control Ordinance that requires erosion and sediment controls, soil stabilization procedures and BMPs to minimize the discharge of pollutants to the MS4. The City will review the existing ordinance for compliance with the renewed TCEQ MS4 permit and will amend the ordinance as needed to comply with the new permit conditions, including identified "prohibited discharges" noted in Part III.B.(b)(3) (pages 36-37).

Construction Plan Review Procedure			X	X	X	X	X
Develop improved construction plan review procedures to evaluate proposed erosion and sediment controls in accordance with the City's construction erosion and sediment control ordinance.	Public Works	Review and amend, if necessary, existing erosion control plan review procedures for compliance with the renewed TCEQ permit.	Year 1 - Year 5				
		Administer the review process for all new regulated construction projects.	X	X	X	X	X
			Year 1 - Year 5				

NOTES: The City has developed a site plan review checklist for review of erosion and sediment control plans on regulated construction projects. The City will develop and implement additional site plan review procedures, if necessary, to comply with the Construction Plan Review Procedures described in Part III.B.(b)(4) of the TCEQ MS4 Permit (page 37). The procedures will describe which plans will be reviewed and when operators may begin construction. Procedures will also include consideration of water quality impacts, site specific control measures as outlined in Erosion and Sediment Control Ordinance and may include submittal of a SWPPP to the City for review.

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Construction Site Inspections and Enforcement			X	X	X	X	X
Develop improved construction site inspection and enforcement procedures to ensure the proper installation and maintenance of erosion and sediment controls on regulated construction projects.	Public Works	Review and amend, if necessary, the existing inspection procedures for erosion and sediment controls in compliance with the renewed TCEQ permit.	Year 1 - Year 5				
		Administer the inspection and enforcement program and document construction site inspections performed and any follow-up actions.			X	X	X
			Year 3 - Year 5				

NOTES: The City has developed an erosion and sediment control inspection checklist for regulated construction projects. The City will develop and implement additional inspection and enforcement procedures as needed to comply with the Construction Site Inspection and Enforcement requirements described in Part III.B.(b)(5) of the TCEQ MS4 Permit (page 37-38). The City will develop written procedures outling the Inspection and Enforcement requirements. The procedures will include frequency of inspections based on site specifie water quality factors, verification that the project is covered under the TCEQ construction permit (TXR150000), and verification that the project is in compliance with the City's Erosion and Sediment Control Ordinance. The City will complete either written or electronic inspection reports for projects and will keep these on file in the Public Works Department.

Construction Stormwater Training				X	X	X	X
Training for City personnel responsible for implementing the construction site stormwater program including permitting, plan review, inspections and enforcement.	City Administration	Update the current training program, as necessary, to include employees to be trained, a training schedule, and training materials and methods.	Year 2 - Year 5				
		Implement and track the training program for designated employees.		X	X	X	X
			Year 2 - Year 5				

NOTES: The City will provide training for personnel responsible for implementing the various aspects of the construction stormwater program. Training will include BMP selection, maintenance, and construction techniques for various erosion and sediment control BMPs. Various training opportunities are available which include in-house training using existing staff, training DVD's or outside training at NCTCOG or other training facilities. The City will document the attendees and training materials used.

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Best Management Practice	Responsible Department	Measurable Goal	Implementation Year				
			1	2	3	4	5
Construction Site Stormwater Education			X	X	X	X	X
Education for construction site personnel, homebuilders and developers about stormwater pollution from construction sites and the requirements of the City erosion and sediment control ordinance.	City Administration	Provide the construction site erosion control education guideline to contractors and homebuilders at preconstruction meetings, or with the building permit, and make the guidelines available at the City permitting office.	Year 1 - Year 5				

NOTES: The City has developed a construction site stormwater erosion control and waste management guideline for distribution to contractors and homebuilders at preconstruction meetings or with the building permit process. The educational handout is available at the Public Works offices and outlines the requirements of the erosion and sediment control ordinance, waste controls, BMP installation and maintenance, and other stormwater pollution prevention requirements for construction sites.