

March 4, 2016

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

**Re: Phase II MS4 Annual Report Transmittal for City of North
Richland Hills.
TPDES Permit Authorization: TXR040113**

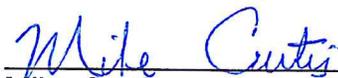
Dear Team Leader:

This letter serves to transmit the second year Annual Report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040113 for the City of North Richland Hills.

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

As required by the general permit, a copy of this submittal has also been mailed to the TCEQ's regional office in Fort Worth, Texas.

Sincerely,



Mike Curtis
Managing Director of Development Services

pwl2016-002u

Enclosures

cc: Texas Commission on Environmental Quality-Region 4
2309 Gravel Drive
Fort Worth, TX 76118-6951

**Phase II (Small) MS4 Annual Report
TPDES General Permit Number TXR040113**

A. General Information

Authorization Number: TXR040113 Annual Reporting Year: calendar year.

MS4 Operator Level: 3 Name of MS4/Permittee: City of North Richland Hills

Contact Name: Tuan Ngo Telephone Number: (817) 427-6457

Mailing Address: 7301 N.E. Loop 820, North Richland Hills, TX 76180

E-mail Address: tngo@nrhtx.com

B. Narrative Provisions (Part IV Section B.2.(a))

1. Provide information on the status of complying with permit conditions: (Part V - Standard Permit Conditions):

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

2. Provide a general assessment of the appropriateness of the selected BMPs. Use table below or attach a summary, as appropriate (See Example 1 in instructions):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
1	Adopt-A-Spot	Yes, the Adopt A Spot volunteers pick up litter that could blow into stormwater inlets.
1	Children's Programs	Yes, the children's programs provide a means to educate youth on the benefits of pollution prevention. Hopefully that knowledge is also taken home to their parents.
1	Christmas Tree Mulch Program	Yes, the Christmas tree mulch provided to residents free of charge helps to stabilize soils, reduce stormwater velocity and improve the infiltration of runoff.
1	Fats, Oils, and Grease Education	Yes, the City offered an educational public meeting at the city's annual Christmas event "A Night of Holiday Magic". Approximately 15,000 residents attended the event. We provided educational information on stormwater pollution control, Fats Oils and Grease (FOG) program at the event. Grease bags and grease recycle information were given to residents who live on a block where sanitary sewer overflow (SSO) occurred.
1	Household Hazardous Waste (HHW) Program	Yes, the HHW program which is free to residents provides a safe convenient way for them to dispose of unwanted household chemicals.
1	Keep North Richland Hills Beautiful	Yes, the Keep NRH Beautiful Commission sponsors, litter cleanup events that encourage volunteers to keep our community clean. Their programs also educate and reward youth groups through the Clean Campus program.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
1	Landscape Practices	Yes, the landscape practices demonstrated and taught at the Common Ground Community Garden include composting and organic use of pesticides, herbicides and fertilizers.
1	Municipal Employee Training program	Yes, put together training materials, power points etc. to train City employees. Different department will have an appropriate training materials.
1	Neighborhood Initiative Program	Yes, volunteers remove trash and debris from yards, and provide other home and yard maintenance. This also includes sanitary sewer service maintenance and improvements to prevent overflows.
1	Pet Waste Management	<p>Yes, the City of North Richland Hills has adopted a pet waste ordinance. The law prohibits pet waste at public parks and on private property and requires owners to clean up after their pets. The Animal Control Department provides bookmarks to inform the public about pet waste management and the pet waste ordinance. The City also has pet waste bag stations at 20 of 22 parks and along the trail system.</p> <p>The participants who use the bags and dispose of dog</p>
1	Reforestation Programs	Yes, annual tree planting program adds tree canopy to the urban forest therefore reducing runoff as storm water falls through the tree canopy.
1	Regional Partnerships	<p>Yes, continue attend meetings, share educational materials and ideas about stormwater. Always looking for better way to prevent stormwater pollution.</p> <p>The city is continuing funding to NCTCOG and document annual City participation.</p>

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
1	Storm Drain Inlet Markers	Yes. Installing and replacing worn inlet markers on city storm drains informs the target audience not to dump pollutants into the storm water system.
1	Stormwater Education	Yes, handed out stormwater education materials at "A Night of Holiday Magic" event. Also, bookmarks "Texas Smartscape" and "Doo The Right Thing" handed out at Library and Animal Rescue Center.
2	Storm Drainage System Map	Yes, GIS mapping identifies drainage basins, surface water locations such as creeks, streams, and channels. Map outfalls for discharge monitoring.
2	Public Reporting & Response Procedures	Yes, the City investigated more than 260 concerns regarding dumping, litter, trash/debris, unpleasant premises, pet waste, etc. in 2015. Each concern was abated, thereby reducing and / or eliminating possible pollutants.
2	Source Investigation and Elimination	Yes. By investigating and identifying reported illicit discharges into the storm water system, we can reduce the amount of pollutants discharged into the storm water system.
2	Detection and Elimination of Illicit Sanitary Sewer Discharges	Yes, by performing sanitary sewer maintenance, replacement and rehabilitation project, we reduce significantly the number of sanitary sewer overflows.
2	Storm Drain Inlet Maintenance	Yes. Regular maintenance and inspection of City storm drain inlets can reduce the amount of pollution and sediments that are allowed to enter the City storm drain system and, furthermore, into the
3	Construction Site Stormwater Education	Yes, continued education in methods for reducing construction site discharge reduces the amount of site runoff throughout the City on projects of all sizes.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
4	Post-Construction Ordinance	Yes, new developments are encouraged to utilize a minimum amount of impervious cover and provide vegetative buffers. The City also expanded the use of detention/retention ponds, and several new ponds
4	Detention Pond Ordinance	Yes, upgraded detention pond standards provide increased storage requirements and regulate maximum discharge velocities in addition to the overall rate. Increased storage times and lower
4	Tree Preservation Ordinance	Yes, the protection of trees helps to preserve the tree canopy which reduces runoff as the water falls through the tree canopy.
5	Storm Drainage System Operation and Maintenance	Yes, periodic inspections and response to reported issues prevents pollutants from entering the storm water system.
5	Street and Parking Lot Sweeping Program	Yes. Street and parking lot sweeping collects pollutants from roads and parking lots and prevents them from being discharged into the storm water system.
5	Municipal Fleet Washing	Yes, the City utilizes a local car wash for the cleaning of light duty vehicles. The car wash has the capability of recycling the run off generated at their facility while washing City vehicles and other customer

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as monitoring data) to evaluate reductions in the discharge of pollutants. Use a table or attach a narrative description as appropriate:

MCM	BMP	Parameter	Quantity	Units	Does BMP Demonstrate a Direct Reduction in Pollutants? (Yes / No / Explain)
1	Adop-A-Spot	Areas Adopted	20		Yes, litter and debris is picked up by Adopt A Spot volunteers.
1	Christmas Tree Mulching Program	Trees/Mulched	40	Yards	The mulch provides soil protection and prevents erosion and sediment runoff from heavy rainfall events.
1	Household Hazardous waste program	Waste	138	Vouchers	The mulch provides soil protection and prevents erosion and sediment runoff from heavy rainfall events.
1	Neighborhood Initiative Program	Residents Assisted	58	House holds	Yes, residents were assisted in removing debris and yard maintenance.
1	Pet Waste Program	Bookmarks	500	Book-marks	Yes, the bookmarks provide information on the benefits of properly disposing of pet waste.
1	Reforestation Program	Saplings	47	Each	The introduction of trees helps to filter storm water therefore reducing pollutants

2	Storm Drainage System Map	Outfalls	346	Each	Yes, the outfalls will help identify the source of pollution for clean-up and preventive maintenance.
2	Public Reporting & Response Procedures	Reports Received	260	Concerns	Yes, the City investigated more than 260 concerns regarding dumping, litter, trash/debris, unpleasant premises, pet waste, etc. in 2015. Each concern was abated, thereby reducing and / or eliminating possible pollutants.
2	Detection & Elimination of Illicit Sanitary Sewer Discharges	Sanitary sewer pipes	550,676	LF	Yes, by maintaining the sewer lines, this maintenance reduces the sewer overflows in the city.
2	Storm Drain Inlet Maintenance	Inlets	200	Inlets	Yes. Inlet maintenance reduces the amount of pollutants that are introduced into the storm drain system.
3	Construction Site Stormwater Education	Brochures			Unknown. An overall reduction in construction site discharges has been seen, but it is difficult to determine what non-construction pollutants are being eliminated.
4	Post-Construction Ordinance	Enforcement actions	0		

4	Detention Pond Ordinance	Enforcement actions	0		The city has very few detention ponds. As such, it is difficult to determine if a reduction in pollutants is occurring.
4	Tree Preservation Ordinance	Enforcement actions	1	LS	The preservation of trees helps to filter storm water therefore reducing pollutants
5	Storm Drainage System Operation & Maintenance	Storm drain system structures	550,676	Feet	Yes. By repairing storm drain pipes and structures, we reduce the amount of erosion into the storm drain system.
5	Street & Parking Lot Sweeping Program	Streets / Parking Lots	1912	Miles	Yes. Street sweeping catches debris and litter prior to being introduced into the City's storm water system.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (See Example 2 in instructions):

MCM(s)	Measurable Goal(s)	Success
1	Provide an Adopt-A-Spot Program.	Met goal
1	Advertise the Adopt-A-Spot program in the City newsletter, newspaper, and/or website.	Met goal
1	Track the areas adopted.	Met goal
1	Provide one annual children's camp that focuses on environmental protection. Track the participation in the program, advertise the camp on the City website and the local paper.	Met goal
1	Provide an annual Christmas tree mulch program through the City website, newsletter, and water bill insert. Also include educational information about mulch.	Met goal
1	Provide a link to FOG educational material on the City website. Provide at least one article in the City newsletter each year.	Met goal
1	Research options for educational material about FOG that can be passed out to residents. Track the material handed out, if used.	Met goal
1	Educate the public about household hazardous wastes and events through the City website, Facebook, and/or Twitter.	Met goal

1	Provide an annual community HHW collection event through use of Fort Worth's Crud Cruiser.	Met goal
1	Renew the inter local agreement with the City of Fort Worth for use of the Environmental Collection Center.	Met goal
1	Schedule monthly KNRHB Board meetings to organize cleanup events and other beautification activities.	Met goal
1	Advertise monthly meetings on the City website.	Met goal
1	Provide quarterly landscape information through the newsletter, water utility bill, or City website.	Met goal
1	Advertise the Neighborhood Initiative Program through the newsletter, brochures, and City website.	Met goal
1	Measure the number of residents assisted annually.	Exceeded goal: 58 residents received assistance through the Neighborhood Initiative Program, compared to 44 residents from 2014.
1	Continue enforcement of pet waste ordinance.	Met goal
1	Provide pet waste bag stations at certain City parks.	Met goal
1	Distribute information pet waste bookmarks at shelter.	Exceeded goal: Also distributed the pet waste bookmarks at 4 other community events.
	Conduct annual tree plantings and record numbers planted. Provide quarterly tree information through printed and electronic material.	Met goal

1	Hold annual Arbor Day celebration. Advertise through City website and newsletter.	Met goal
1	Provide funding to NCTCOG to develop regional stormwater initiatives. Attend scheduled regional meetings and document City participation in regional programs.	Met goal
1	Consider continuing the funding commitment to NCTCOG each year and document annual City participation.	Met goal
1	Require inlet markers to be placed on new development in the City.	Met goal
1	Provide general stormwater information on the City website and in newsletter.	Met goal
1	Identify locations and place signs with the watershed and creek name at the location.	Met goal
2	Annually update the storm drainage system map using record drawings submitted for any new development or redevelopment projects.	Met goal
2	Post a public reporting/input phone number and information on the City cable channel and website with a central contact point.	Met goal Residents can also report flooding/drainage concerns and other concerns at http://www.nrhtx.com/request-tracker.aspx . Concerns reported online are routed to Public Works.
2	Document reports received and any corrective actions taken.	Met goal
2	Perform sanitary sewer line maintenance, rehabilitations and replacement projects.	Met goal

2	Track locations of completed projects, and locations for future maintenance and/or rehabilitation projects.	Met goal
3	Provide the construction site erosion control education guideline to contractors and homebuilders at preconstruction meetings or with the building permit, and make the guideline available at the City Planning & Inspections office.	Met goal
3	Review and amend, if necessary, the current City erosion control and sediment control ordinance for compliance with the renewed TCEQ permit. Adopt any new ordinance revisions.	Met goal
3	Review and amend, if necessary, existing erosion control plan review procedures for compliance with the renewed TCEQ permit.	Met goal
3	Develop a training program including employees to be trained, a training schedule, and training materials and methods.	Met goal
4	Post Construction Ordinance	Met goal
5	Municipal Fleet Washing	Met goal
5	Providing a washing facility and separator/filter for washing of municipal vehicles and large municipal construction equipment, and provide routine cleaning and proper waste disposal from the separator.	Met goal

C. Stormwater Monitoring Data (Part IV Section B.2.(b))

1. The MS4 has conducted monitoring of stormwater quality and submitted in the annual report (i.e. analytical and visual observations).

Yes No

- a. Explain below or attach a summary to submit along with any monitoring data used to evaluate the success of the SWMP at reducing pollutants to the maximum extent practicable. Be sure to include a discussion of results:

No monitoring as the City is not required to and does not have the budget.

D. Impaired Waterbodies (Part IV Section B.2.(c))

1. If applicable, explain below or attach a summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern:

North Richland Hills is located in the West Fork Trinity River basin with the main receiving streams being Calloway Branch, Walker Branch, Fossil Creek and Little Bear Creek. The State classified water bodies that ultimately receive the discharge from the City of North Richland Hills are the West Fork Trinity River below Lake Worth (Segment #0806) and Lower West Fork Trinity River (Segment #0841). The Lower West Fork Trinity River currently has a TMDL for bacteria, and the northeastern part of North Richland Hills is located within the TMDL watershed. Therefore, the City is required to include measurable goals, benchmarks, and appropriate BMPs as outlined in Part II.D.4 of the TCEQ MS4 permit (page 15). The West Fork River below Lake Worth is listed on the 2012 TCEQ Impaired Water Bodies 303(d) list as impaired for dioxin and Polychlorinated Biphenyls (PCBs). Dioxins refer to a group of toxic chemical compounds that share certain chemical structures and biological characteristics. Dioxins can be released into the environment through forest fires, backyard burning of trash, certain industrial activities, and residue from past commercial burning of waste. PCBs are a group of man-made organic chemicals that were manufactured in 1929 until banned in 1979. They have a range of toxicity and were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment, plasticizers in paints, plastics, and rubber products; in pigments, dyes, and many other industrial applications.

As required by the permit [Part II.D.4(b)], North Richland Hills has determined that it is highly unlikely to be a source of these pollutants within the second year of this permit. The City does not allow the burning of trash. Therefore this would not be a likely contributor. Also, based on the MSDS and Tier II reports we receive from our industrial facilities we do not have a likely contributor of PCB's.

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL (*Part II Section D.4.(a)*):

N/A

3. Report the benchmark identified by the MS4 and assessment activities (*Part II Section D.4.(a)(6)*):

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
Bacteria in Lower Westfork Trinity River	16390 billion MPN/100ml	No monitoring as the City is not required to and does not have the budget. However, the City did assess the number of pipes cleaned as compared to previous years for the Detection and Elimination of Illicit Sanitary Sewer Discharges.	2015

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (Part II Section D.4.(a)(4)):

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
Bacteria	Detection and Elimination of Illicit Sanitary Sewer Discharges	Cleaning, maintaining, replacing, and rehabbing sanitary sewer pipes to avoid sanitary sewer overflows.
Bacteria	Fats, Oils, and Grease Education	<p>Educating the public about FOG in order to reduce sanitary sewer overflows. "No Wipes Down The Pipes" education material was printed on City E-Newsletters and on City's website.</p> <p>The City picked up 274 gallons of cooking oil after Thanksgiving and Christmas.</p>

5. If applicable, report on focused BMPs to address impairment (*Part II Section D.4.(a)(5)*):

Pollutant to Address <i>(Ex: Bacteria)</i>	Description of Focused BMP	Comments/Discussion
<p>Bacteria</p>	<p>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 sanitary sewer overflow potential.</p>	<p>Successfully completed program for Year 2. Will continue Years 3-5.</p>
<p>Bacteria</p>	<p>A program to provide education information and resources about fats, oils, and grease.</p>	<p>The City implemented this BMP in Year 2 and will continue Years 3-5.</p>
<p>Bacteria</p>	<p>A program to educate residents about pet waste concerns and encourage proper disposal.</p>	<p>The City fully implemented this BMP in Year 2 and will continue Years 3-5.</p>

6. Describe progress in achieving the benchmark (*Part II.D.4.(a)(6)*):

Benchmark Indicator	Description/Comments
Amount of pipe cleaned or maintained	The City cleaned approximately 550,676 LF of sanitary sewer line.
Reduction in sanitary sewer overflows	The City had 25 SSOs in 2015 compared to 24 SSOs in 2014. Due to excessive rain we had last year caused SSO slightly exceeded last year, otherwise we would have less.
Public Education	The City had conducted 5 public educational about FOG, Stormwater Pollution Control, and "None Flushable Product"

E. Stormwater Activities (Part IV Section B.2.(d))

Describe any stormwater activities the MS4 operator has planned for the next reporting year. Use the table or attach a summary, as appropriate:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1	Adopt-A-Spot	Requested renewal of volunteer commitments to the Adopt A Spot program and encouraged others to join.	An average of 20 volunteer groups did regular litter cleanups on their adopted areas. Supplies were provided to the volunteers as well as cleanup activity reports to record the results.
1	Children's Programs	Environ Camp Waste In Place Art Contest	An annual children's camp that focuses on environmental protection will be held in June 2016. Waste In Place Art Contest promoted to bring awareness of importance of litter prevention.
1	Christmas Tree Mulch Program	Annual Christmas tree mulch program.	Two drop-off sites provided for residents to bring their trees for recycling. Mulch was provided for the citizens' use. Mulching is listed as a water conservation tip on the web page.
1	Fats, Oils, and Grease Education	Educate the public on proper disposal of fats, oils, and grease and the effects on the sanitary sewer system and environment from related overflows.	Hand out grease bags to residents. Pick up grease from residents in the week after Christmas and the week after New Year.

1	Household Hazardous Waste (HHW) Program	North Richland Hills residents can dispose of unwanted hazardous waste free of charge at the City of Fort Worth Environmental Collection Center (ECC).	Renewed the interlocal agreement with the City of Fort Worth for use of their ECC. The program is advertised on the web page and in a brochure.
1	Keep North Richland Hills Beautiful	Regular Keep NRH Beautiful Commission board meetings are held.	Various programs and projects were continued regarding pollution prevention and clean-up activities.
1	Landscape Practices	Landscape information is provided through the newsletter, water utility bill, or City website.	A link to the Texas SmartScape program is provided on the webpage. The City's community garden also provides a demonstration of native plants, composting, mulching and organic gardening practices.
1	Municipal Employee Training Program	Will provide an in-house training program that include seminars, videos to inform and train municipal employees about methods to prevent and reduce stormwater pollution from municipal activities.	Train each department on methods to prevent and reduce stormwater pollution.

1	Neighborhood Initiative Program	Neighborhood Initiative Program volunteers assisted those in need with cleaning up their properties.	A Fix It Blitz event was held to bring together community volunteers to help the elderly and disabled with exterior property maintenance. This event also brought awareness of the program to both those in need and supporters of the program.
1	Pet Waste Management	NRH has continued with a combination of educational outreach and enforcement procedures to encourage residents to clean up after their pets.	Pet waste bag stations are provided at certain City parks to make it easy for residents to pick up and dispose of their pets' waste. Educational materials are provided for pet owners at the Animal Services Department. The pet waste ordinance is enforced by Animal Services and Code Compliance.
1	Reforestation Programs	Hold annual Arbor Day celebration. Advertise through City website and newsletter.	The first annual Arbor Day Celebration was held in 2014 and another is planned for 2015. Saplings will be given away at the event.
1	Regional Partnerships	Continue funding NCTCOG.	Attend meetings, share educational material and ideas about stormwater.
1	Storm Drain Inlet Markers	Place markers on storm drain inlets that warn the public not to dump pollutants into the inlets.	Replace any worn inlet markers and mark inlets located within new developments.
1	Stormwater Education	Educational material posted online and in the City newsletter about general stormwater quality.	Information includes topics such as stormwater pollution, fats, oils, and grease; pet waste, litter; volunteer opportunities and other topics that impact stormwater runoff.
2	Storm Drainage System Map	Maintain an up-to-date storm drainage system map	Annually update the storm drainage system map for any new development or redevelopment projects.

2	Public Reporting & Response Procedures	Provide a public reporting/input mechanism for receipt and consideration submitted by the public concerning construction site stormwater runoff, illicit discharges or illegal dumping.	Post a public reporting/input phone number and information on the City cable channel and website with a central contact point. Document reports received and any corrective actions taken.
2	Source Investigation and Elimination	Develop inspection and investigation procedures to identify and locate the source of any reported illicit discharges.	Review current City illicit discharge ordinance and TCEQ requirements for Source Investigation and Elimination requirements. Prepare ordinance changes, if necessary.
2	Detection and Elimination of Illicit Sanitary Sewer Discharges	Eliminate illicit discharges resulting from sanitary sewer system overflows and illegal connections. Perform sanitary sewer maintenance, replacement and /or rehabilitation projects to reduce sanitary sewer overflow potential.	Perform sanitary sewer line maintenance, rehabilitations and replacement projects. Track locations of completed projects, and locations for future maintenance and/or rehabilitation projects.
2	Storm Drain Inlet Maintenance	Perform a visual inspection of the storm drain system inlets and remove trash, debris, or accumulated sediments from the inlets as necessary.	Inspect and clean the storm sewer system inlets each year, as necessary.

3	Erosion & Sediment Control Requirements	Develop erosion and sediment control requirements for regulated construction activities to include implementation of erosion and sediment controls, soil stabilization and BMPs. Develop a list of prohibited discharges from construction activities to be included in the erosion and sediment control ordinance.	Review and amend, if necessary, the current City erosion and sediment control ordinance for compliance with the renewed TCEQ permit. Adopt any new ordinance revisions.
3	Construction Plan Review Procedures	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.	Administer the review process for all new regulated construction projects.
3	Construction Site Inspection and Enforcement	Develop improved construction site inspection and enforcement procedures to ensure the proper installation and maintenance of erosion and sediment controls on regulated construction projects.	Review and amend, if necessary, the existing inspection procedures for erosion and sediment controls in compliance with the renewed TCEQ permit.

3	Construction Stormwater training	Training for City personnel responsible for implementing the construction site stormwater program including permitting, plan review, inspections and enforcement.	Develop a training program (including employees to be trained), a training schedule, and training materials and methods.
3	Construction Site Inventory	Develop and maintain an inventory of all permitted and active public and private construction sites within the city.	Develop and Maintain an inventory list of active regulated construction projects.
3	Construction site Stormwater Education	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.	Provide the construction site erosion control education guidelines to contractors and homebuilders at preconstruction meetings or with the building permit, and make the guideline available at the City Planning & Inspections office.

4	Post Construction Ordinance	Provide a post-construction stormwater runoff ordinance to require developers to address post-construction runoff control from new development and redevelopment projects and ensure long term operation and maintenance of proposed BMPs.	Continue to administer the existing post-construction runoff ordinance. Document and maintain enforcement actions.
4	Detention Pond Ordinance	Provide a detention pond ordinance to define regulations and design guidelines for detention and retention ponds, as well as requirements for mandatory homeowner's association agreements (HOA) to ensure long-term operation and maintenance of ponds.	The City has very few detention ponds. We continue to monitor and provide one if needed.

4	Tree Preservation Ordinance	Provide a tree preservation ordinance to encourage the preservation of mature trees and natural areas, to preserve protected trees during construction, and provide for the removal of protected trees when necessary.	Continue to administer the existing tree preservation ordinance. Document and maintain enforcement actions.
5	Municipal Employee Training Program	Develop a training program that includes seminars, in-house training sessions, new employee training, videos, manuals to inform and train municipal employees about methods to prevent and reduce stormwater pollution from municipal activities.	Organize a list of employee descriptions that will receive training, a training schedule, and select appropriate training materials and methods.

5	Contractor Requirements and Oversight	Requirements for City-hired contractors that perform maintenance activities on City-owned facilities to comply with the stormwater control, waste disposal and good housekeeping requirements of this program. Develop contractor oversight procedures to ensure the contractual stormwater requirements are being implemented.	Develop a list of City-hired contractors Subject to these stormwater program requirements.
5	Municipal Operation and Maintenance Activities	Develop and implement pollution prevention measures for municipal operations and maintenance activities to reduce the potential for discharge of pollutants In stormwater.	Perform an assessment of municipal operations and/or activities that have the potential for pollutant discharges.
5	Storm Drainage System Operation and Maintenance	Develop and implement a storm drain system O&M program to reduce or eliminate the collection of pollutants in the storm drain system.	Inspect 1/5 of the City's storm drain system structures annually and record potential problem areas.

5	Street and Parking Lot Sweeping Program	Perform regular street sweeping of public streets and municipal parking lots to prevent trash, dust, silt and sediment from entering the storm drain system.	Sweep all City streets twice annually and municipal parking lots once annually.
5	Municipal Fleet Washing	Provide a facility for the regular washing of the municipal vehicle fleet to prevent the discharge of wash water waste into the storm system.	Provide a washing facility and separator/filter for washing of municipal vehicles and large municipal construction equipment and provide routine cleaning and proper waste disposal from the separator.
5	Facility Assessments & Inspections	Prepare assessments of municipal facilities identified in the facility inventory for pollutant discharge potential. Develop a list of high-priority facilities based on the high potential to discharge pollutants to the storm drain system and document assessment results.	Prepare list of high priority facilities and facility assessment procedures.

5	Standard Operating Procedures (SOPs)	Prepare stormwater management SOPs for high priority municipal facilities identified in the facility assessments. SOPs will identify BMPs to be installed, Implemented and maintained to minimize the discharge of pollutants in stormwater from each high priority facility.	Prepare facility stormwater management SOPs and maintain a copy on site.
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F. SWMP Modifications (Part IV Section B.2.(e))

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

Yes No

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

No changes were made for the City of North Richland Hills.

G. Additional BMPs (Part IV Section B.2.(f))

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

No additional BMPs this year report.

H. Additional Information (Part IV Section B.2.(g))

1. Is the permittee relying on another entity/ies to satisfy some of its permit obligations?

Yes No

- 2.a. Is the named permittee sharing a SWMP with other entities?

Yes No

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

Yes No

I. Construction Activities (Part IV Section B.2.(h-i))

1. The number of construction projects in the jurisdiction of the MS4 where the permittee was not the construction site operator (as provided in submittals to the MS4 operator via notices of intent or site notices) 14
2. a. Does the permittee utilize the optional seventh MCM related to construction?

Yes No

J. 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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name : Mike Curtis Title: Managing Director of Development Services

Signature: Mike Curtis Date: 3-4-2016