THE UNIVERSITY OF TEXAS AT TYLER



Stormwater Pollution Prevention Program

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The University of Texas at Tyler STORMWATER POLLUTION PREVENTION PROGRAM

INTRODUCTION

The EPA has delegated permitting authority to the State of Texas through the Texas Pollutant Discharge Elimination System (TPDES) to implement water quality management functions within the state. One of the functions regulated is construction activities. The Texas Commission on Environmental Quality (TCEQ) is the regulatory authority that issues permits for pollution discharge for construction activities.

The University of Texas at Tyler has developed this Stormwater Pollution Prevention Program to meet regulatory standards regarding construction pollution prevention.

PURPOSE

This program is designed to establish acceptable practices and guidelines intended to reduce or eliminate stormwater pollutants discharged from construction sites. In addition, the program identifies TPDES permit requirements and outlines the responsibilities to implement and maintain a construction Stormwater Pollution Prevention Plan (SWPPP).

SCOPE

This program pertains to both new construction and renovation projects managed by UT Tyler. Any project that includes a site construction office, a lay-down area or material storage area, vehicular and/or equipment access, excavation or grading, or any disturbance of the existing site conditions; requires implementation of best practices for site control and monitoring, as a minimum.

DEFINITIONS

Discharge means to deposit, conduct, drain, emit, throw, run, allow to seep, or otherwise release or dispose of, or to allow, permit, or suffer any of these acts or omissions.

Permit means an order issued by TPDES establishing the treatment which shall be given to wastes being discharged into or adjacent to any water in the state to preserve and enhance the quality of the water and specifying the conditions under which the discharge may be made.

Point Source means any discernible, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, from which pollutants or wastes are or may be discharged into or adjacent to any water in the state.

Pollutant means dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, filter backwash, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste discharged into any water in the state.

Pollution means the alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any water in the state that renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property or to public health, safety, or welfare, or impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

Water or "water in the state" means groundwater, percolating or otherwise, lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or non-navigable, and including the beds and banks of all watercourses and bodies of surface water, that are wholly or partially inside or bordering the state or inside the jurisdiction of the state.

PROGRAM RESPONSIBILITIES

- The Vice President for Business Affairs (VPBA) is responsible for overall compliance
 of all UT Tyler construction projects with regard to TPDES permitting requirements.
 Compliance includes development of guidelines for consultants and staff and
 specifications for contractors, the construction SWPPP review/approval process, and
 the construction/project activities monitoring plan.
- The AVP for Facilities Management coordinates design of the Construction SWPPP through the UT System Office of Facilities Planning and Construction (OFPC) and/or a registered consulting Civil Engineer.
- 3. The Assistant Director of Facilities Management is responsible for overall compliance of all projects within his/her jurisdiction and has the following responsibilities.
 - a. Review production of NOI and site signage.
 - b. Implement SWPPP and monitor contractor compliance and program certifications.
 - c. Periodically monitor the Contractor's SWPPP for compliance with BMPs and site inspections implementation program and updates along with maintenance of documents, for coordinating efforts of Contractor's Inspector (CI) for regular site inspections, for taking action as necessary to insure that the construction site is in compliance with the SWPPP, and for conducting and certifying all SWPPP Owner Inspection reports.
 - d. Periodically monitor the Contractor's SWPPP for compliance with BMPs and site inspections implementation program and updates along with maintenance of documents, for coordinating efforts of Contractor's Inspector (CI) for regular site

- inspections, for taking action as necessary to ensure that the construction site is in compliance with the SWPPP
- 4. The Director of Environmental Health & Safety (EH&S) has the following responsibilities (as delegated by the VPBA):
 - a. Review of design of SWPPP.
 - b. Periodically monitor contractor compliance with the Construction SWPPP.
- 5. The Contractor's Inspector (CI) is responsible for regular monitoring of the Contractor's SWPPP and specifically to:
 - a. Perform site reviews weekly and after rain events 0.5 inches or greater.
 - b. Execute appropriate inspection report forms.
 - c. Confirm Construction Notice(s) are appropriately placed at the site.
 - d. Monitor contractor site inspection reports and updates to the Site Erosion and Sedimentation Control Plan.
- 6. The UT Tyler Financial Services Contract Manager is responsible for acquiring the concurrence of EH&S that all disturbed areas have attained 70% final cover before processing Final Payment.

PROGRAM REQUIREMENTS

- 1. All projects, regardless of size, type, or location shall include storm water management "Best Management Practices" (BMPs) for site control devices and monitoring procedures. BMPs include:
 - a. Evaluation of the likely impact to the site from constructing the project.
 - b. Identification and proposed location of site control requirements and devices.
 - c. Inclusion of specific requirements in the construction contract.
 - d. Review and acceptance of the Contractor's site layout and control plan.
 - e. Implementation of effective site control devices prior to beginning construction activity.
 - f. Routine monitoring and reporting throughout construction.
 - g. Continuous maintenance and repair of site control devices.

- h. Periodic evaluation of control effectiveness and adjustments to site control as necessary.
- 2. All projects on UT Tyler campuses disturbing one (1) acre to less than five (5) acres require a SWPPP, construction site posting of Notice, and maintenance of SWPPP book on-site. Contractor's Inspectors (CI) and inspectors from UT Tyler Facilities Management shall implement appropriate monitoring of site conditions and site control devices. If project disturbs five (5) or more acres, both the Contractor and UT Tyler will file a Notice of Intent (NOI) with TCEQ.
- 3. All projects disturbing an area of ten (10) acres or more must include a temporary or permanent sediment basin that provides storage for a calculated volume of runoff from a 2 year, 24 hour storm from each disturbed acre drained, or equivalent control measures. Where no such calculation has been performed, a temporary or permanent sediment basin providing 3,600 cubic feet of storage per acre drained, or equivalent control measures, shall be provided.
- 4. All projects disturbing less than one (1) acre, will require BMP controls and appropriate monitoring. Projects exempted from a SWPPP shall still require implementation of "Best Practices" for any exterior storage, lay-down, or office areas.

PROGRAM PROCEDURES

- 1. SWPPP and NOI Development, Approval, and Certification
 - a. Normal site analysis and development of site utilization and grading plans are included as Basic Services in standard Architectural/Engineering (A/E) Agreements. Preparation of a SWPPP document, which includes investigation of wetlands, endangered species, and historic areas present on the site in addition to detailed analysis of storm water control, should be handled as an Additional Service under the A/E's responsibility.
 - b. All aspects of SWPPP development and production of SWPPP documents must be performed by a registered (Texas) Civil Engineer qualified to perform the work. The Civil Engineer is to schedule a detailed site analysis prior to beginning SWPPP development and should schedule such sufficiently in advance to allow for Owner participation. The SWPPP is submitted to AVP for Facilities Management as part of the regular design phase reviews of the project documents. Note, however, that the SWPPP must be approved before any work can begin on the site, so it is customary for completion of the SWPPP to be needed in advance of completion of the remainder of the documents on CM/R and Design Build projects.

- c. Once the SWPPP has been determined acceptable by the AVP for Facilities Management, a copy is submitted to the Director of EH&S for review and approval. If not approved the SWPPP is returned for corrective action by the Consulting Civil Engineer and then resubmits for re-review and approval.
- d. Upon approval of the SWPPP by all UT Tyler parties, the AVP for Facilities Management transmits to the Contractor a copy of the SWPPP along with required forms.
- e. The Contractor must complete required forms and return them to the Assistant Director of Facilities Management. The Contractor must also provide delegation of authority to a specific individual or position to enable them to perform SWPPP inspections along with statements of qualifications for any authorized positions.
- f. The Assistant Director of Facilities Management will submit, if the project is larger than 5 acres, both the Contractor's NOI and the Owner's NOI to the TCEQ Storm water Permit processing center requesting issuance of TPDES permits. The TCEQ will issue separate permits for the Owner and Contractor.
- g. The SWPPP certifications, delegations of authority, and qualification statements must be inserted in the SWPPP booklet and kept at the jobsite throughout construction. Any change in SWPPP inspection personnel or those responsible for certifying inspection reports must be reflected in the updated SWPPP, including new delegation of authority and qualification statements for the new personnel.

2. Initial SWPPP Implementation and Start-up

- a. At least one week prior to commencing activities disturbing the site, the Construction Site Notice (Appendix C) will be prepared by Facilities Management along with any other needed documentation. A copy of all documents shall be retained by the EH&S in addition to being located at the jobsite.
- b. Upon issuance of the Notice to Proceed, the Contractor must place the SWPPP at the jobsite and must post the Construction Site Notices (signed by corporation Vice-President or higher) at construction entrances so they are accessible for viewing by the public. The Site Erosion & Sedimentation Control Plan (drawing included in the SWPPP indicating site layout & control) must be kept in a readily accessible location in the construction office.
- c. The very first activity the Contractor undertakes on the jobsite is to implement the SWPPP including installation of all site control devices. Once initial implementation is completed the Contractor is to contact the Assistant Director of Facilities Management for initial review and acceptance.
- d. The CI shall arrange for Facilities Management to be present for a joint inspection of the SWPPP implementation. This inspection will be conducted using the Weekly Construction Implementation/Compliance Inspection form (Attachment B).

e. The Contractor will meet with Facilities Management before soil-disturbing activities to complete the SWPPP Project Start-up form (Appendix A) to ensure all required SWPPP documents are approved and on site.

3. SWPPP Compliance Monitoring

- a. The Contractor will monitor SWPPP implementation and the status of control devices, must perform regular site inspections, and must maintain documentation of findings throughout construction using (Attachment B) the Weekly Construction Implementation/Compliance Inspection form.
- b. Inspections are required to occur at the same day each week.
 - Site evaluations will be regularly scheduled to occur on either Monday or Tuesday of every week to allow for corrective action to be completed during the workweek,
 - 2) Timing of site evaluations should be scheduled jointly with the contractor so that both parties conduct evaluations at the same time,
- c. The CI records site evaluation findings on the standard inspection form, sets a time requirement for corrective action noted, and tracks resolution of deficiencies. The Inspector's name and reference to the page in the SWPPP book where qualifications are listed are entered on the form. Each report is copied to the UT Tyler EH&S office and is also maintained in the Inspector's file at the site. The CI reviews Contractor site inspection reports for compliance, name and qualifications noted for Contractor's inspector, and authorized signature of authority.
- d. Both the UT Tyler inspector and the CI shall inspect disturbed areas of the construction site that have not been fully stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, and locations where vehicles enter or exit the site. Vehicle exit locations should be inspected for evidence of tracking of dirt/sediment off-site. Storage locations should be inspected for evidence of, or potential for, pollutants entering the drainage system.
- e. Sediment and erosion control measures identified in the SWPPP should be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they should be inspected to ascertain whether erosion control measures are effective in preventing sediment from leaving the jobsite. Where discharge locations are not accessible, nearby down-stream or down-slope locations should be inspected to determine whether or not sediment appears which could have resulted from construction operations. Based on findings of effectiveness of control devices, the SWPPP should be modified (e.g. show additional controls on map, relocate controls, revise type of controls, etc.) to include additional or modified BMPs to correct problems identified.

f. The CI reviews the Site Erosion and Sedimentation Control Plan to insure that modifications and updates are accurately reflected on the plan and elsewhere as applicable in the SWPPP.

4. Record Keeping

- a. The SWPPP, the Site Erosion and Sedimentation Control Plan, and all Owner and Contractor SWPPP Compliance Report forms with appropriate signatures and delegations of authority for signature parties must be kept readily accessible on the jobsite at all times throughout construction.
- b. A copy of all UT Tyler Inspector and CI SWPPP Compliance Reports should also be maintained off-site at the UT Tyler EH&S office. It is recommended that the Contractor also maintain a copy off-site.
- c. The Project SWPPP and all SWPPP Compliance Reports must be retained for at least three years from the date that the site is finally stabilized as indicated on the Notice of Termination (NOT) form.

5. NOT Development, Certification, and Issuance

Upon achieving FINAL STABILIZATION of a project (defined as 70% vegetation), the Contractor shall request confirmation of Final Stabilization from Facilities Management, which must be provided to UT Tyler Financial Services prior to issuance of Final Payment to the contractor.

6. SWPPP Exemption procedures

- a. A request for exemption from SWPPP requirements may be made IF the project meets ALL of the following criteria:
 - 1) disturbs less than one acre and is primarily an interior renovation or repair project,
 - 2) is not adjacent or nearby an existing waterway, and
 - the Director of Assistant Director of Facilities Management considers that a SWPPP is not appropriate.
- b. To request an exemption, the Assistant Director of Facilities Management submits a completed SWPPP Exemption Authorization Form (Appendix D) to EH&S for concurrence along with a site layout and control plan sufficient to evaluate grading, vegetation, and adjacencies. The Assistant Director of Facilities Management must allow a minimum of seven (7) working days for processing of exemption request; a site visit may be required to authorize exemption.

APPENDIX A

The University of Texas Tyler

SWPPP Project Start-up

Contractors must meet four (4) TPDES requirements before soil-disturbing activities can commence on OFPC construction projects. This form provides the Contractor and Owner an acceptance of compliance with initial BMP's and required paperwork for commencement of work on the project site.

The Contractor is to initial items that are certified as complete and then review for concurrence with the Owner's Designated Representative.

	Best Management Practices (BMP's) applicable to the	is project have been inspected
1	to ensure correct placement in accordance with	
	installation according to specifications.	
	Initial by Contractor	Initial by EH&S
2	The approved Storm Water Pollution Prevention Plansite.	n (SWPPP) is signed and on
	Initial by Contractor	Initial by EH&S
3	The TCEQ TPEDS Storm Water Program forms and posted at the main entrance to the project site.	permits are complete and
	Initial by Contractor	Initial by EH&S
4	Inspector qualifications and letter of delegation of a SWPPP.	uthority are posted in the
	Initial by Contractor	Initial by EH&S
	Having met the above requirements and in recognition Proceed, the Contractor is authorized to commence work	•
	Contractor	UT Tyler Project #
	Owner's Designated Representative	Date

APPENDIX B



Weekly Construction Implementation/Compliance Inspection

Project: _								
Contracto	r:							
Conducted By:					Date:			
	at stage of con	struction pro	ject is in, and	l rec	ord dat	es wher	activities	started
a. Constru	uction Phasing	9						
Phase or Location	Site Preparation	Utility Installation	Rough Grad Roads	ding		oad truction	Final Grading	BMP's in Place?
Notes:								
1								
3								
Part 2: Wa	alk through the	e facility and	look for sign:	s of s	oil erc	sion.		
b. Site Ins	spection			Υ	N		Notes	
1. Are there	e signs of pollut	tion leaving sit	e?					
2. Are struc	ctural BMPs wo	rking properly	?					
	ruction Entranc	е						
	ent Barrier							
	Filter Dam							
	Containment B	erm						
e. Other								
	ctural BMPs in o		1?					
	tional BMPs ne							
5. Is Consti	ruction Permit N	Notice posted?	?					
	alk through the		_	s of p	ollutio	n includ	ling paint,	solvents,
	nicals, solid wa ous Materials	aste, oii, and	iuei.	Υ	N		Notes	
	re any signs of	hazardous ma	terials heing	•	1		140103	
	to storm water		iteriais being					
	ere been any r		ntity					
releases of hazardous materials?								
3. Was the	e National Resp	onse Center r	notified?					
14 days?								
5. Was the	e SWPPP modi	fied to include	:					
a. Date	of the release	:						
	umstances lead							
c. Step	s taken to prev	ent reoccurre	nce	L				

Part 4: Inspection re	nort summary				
d. Inspection Report	·				Information/Comments
Name of Inspector	•				information/Comments
			See SWPPP book		
111111111111111111111111111111111111111			See	SWP	PP DOOK
3. Measures/Areas Ir	•				
4. Observed condition					
5. Changes necessar	•				
6. Was inspection co rainfall over ½"?	nducted within 24 hou	rs of last			
Part 5: Are any mod	lifications to the SWI	PPP			
e. Modification of S	WPPP		Υ	N	Notes
	ity notified you of any o	changes			1,000
needed to comply?	,				
	any changes in design,				
	ion or maintenance, w	•			
a potential for pollu	tion discharge?				
3. If a reportable qua	ntity release occurred	, has the			
SWPPP been chan	ged to prevent reoccu	rrence?			
Part 6: Final Stabiliz	ation/Termination Ch	necklist.			
	n/Termination Checkl		Υ	N	Notes
1. Are all soil disturbing	ng activities complete?)			
	sion/ sediment control				
removed/will be removed when appropriate?					
3. Have all areas of the	ne site not covered by	pavement			
or structure achieved	d a density of 70% cov	erage?			
4. Date of Final Stabil	lization:				
5. Has Notice of Term	nination been filed?				
construction resume	es.			•	ne site must be stabilized until
Date Construction Stopped	Date Construction Resumed	Measure	s Ta	ken	to Stabilize Site
Inspector certifies	that the site is in co	ompliance	<u>e wi</u>	th P	ermit/SWPPP □ Yes □ No
supervision in accordance evaluated the information or those persons directly of my knowledge and be	ce with a system designer submitted. Based on my responsible for gathering lief, true, accurate, and contacts.	ed to ensure ny inquiry of ng the inform complete. I	than the p matic am a	t qua perso on, the aware	were prepared under my direction o lified personnel properly gathered and n or persons who manage the system e information submitted is, to the bes that there are significant penalties fo onment for knowing violations."
Name:		Ti	tle:		
Signature:					Date:

NOTE: All items of non-compliance shall be repaired/installed within seven (7) calendar days of inspection. Repairs/installation shall be completed immediately, if storm conditions are imminent.

APPENDIX C



CONSTRUCTION SITE NOTICE

FOR THE

Texas Commission on Environmental Quality (TCEQ) Storm Water Program

TPDES GENERAL PERMIT TXR150000

The following information is posted in compliance with **Part II.D.2.** of the TCEQ General Permit Number TXR150000 for discharges of storm water runoff from construction sites. Additional information regarding the TCEQ storm water permit program may be found on the internet at:

https://www.tceq.texas.gov/permitting/stormwater/TXR15_site_notice_steps.html

Contact Name and Phone Number:	
Project Description:	
(Physical address or description of the site's location, estimated start date and projected end date, or date that disturbed soils will be stabilized)	
Location of Storm Water Pollution Prevention Plan:	
For Construction Sites Authorized Under Par following certification must be completed:	t II.D.2. (Obtaining Authorization to Discharge) the
Certification) certify under penalty of law that for claiming an authorization under Part II to comply with the terms of this permit. A stand implemented according to permit requires operator of the MS4 if discharges enter an	(Typed or Printed Name Person Completing This t I have read and understand the eligibility requirements D.2. of TPDES General Permit TXR150000 and agree orm water pollution prevention plan has been developed rements. A copy of this signed notice is supplied to the MS4 system. I am aware there are significant penalties ting unauthorized discharges, including the possibility of s.
Signature and Title	Date

APPENDIX D

The University of Texas Tyler SWPPP EXEMPTION AUTHORIZATION FORM

	oject No. & Name: e Area (10 th of an Acre)			
	oject Includes: N			Both
	oss Sq. Ft.: Ne			
	CL: \$			
and adj sto	is form is submitted in reque d to issue a NOI on the iden acent activities, and hereby r orm water discharge potential intract documents for the proj	ntified project. I have per ecommend that this proje , erosion control, and con	sonally reviewed the project not include a SWPPP. Be tainment have been develor	ect scope, project site, and est Practices for site control oped and are included in the
1.	The total project site is less	than one (1) acre in size		
2.	The project is or Campus-managed const of this project.			
3.	This project site is adjacent stream, river, lake or other		(feet/miles) away from	m, the nearest creek,
4.	Existing vegetation on the p	project site is den	se medium	minimal
5.	Existing slope of the site is	approximately (percent) f	rom to	(NESW).
6.	Excavation is planned up to	a maximum of	feet below existing (original	al) grade.
7.	Final slope of the site is to I	oe approximately	(percent) from to	(NESW).
8.	Gasoline, oil, diesel, or other	er fuels will be stored on s	site during construction:	yes no
9.	The project includes a pow (i.e.: Water treatment, acid			facilities: yes no
10.	Other Considerations:			
11.	Other Considerations:			
Red	commended & Submitted By	: Senior Project N	Manager	Date
E	xemption Authorized: (Ye	s/No)	Exemption Authorized	d: (Yes/No)
D	irector, EH&S		Vice President for Bu	siness Affairs
D	ate		Date	

APPENDIX E

The University of Texas Tyler

SUBCONTRACTOR CERTIFICATION STORM WATER POLLUTION PREVENTION PLAN

University of Texas at Tyler Project Number:	
Project Title:	
General Contractor	
Each subcontractor engaged in activities that distuited and sign the following certification statement:	
"I certify under penalty of law that I understand the term Texas Pollutant Discharge Elimination System (TPDES) storm water discharges associated with industrial activi site identified as part of this certification."	permit that authorizes the
This certification is hereby signed in reference to the above	named construction:
Company:	
Address:	
Telephone #:	
Type of Construction Service to be Provided:	
Title:	
Signaturo	Date

APPENDIX F

Executive Director Texas Commission on Environmental Quality, Mail Code 228 P.O. Box 13087 Austin, Texas 78711-3087

RE: TNPDES Storm Water General Permit No. TXR150000 Delegating an "Authorized Representative"

Dear Director:

This letter serves to designate either a person or specifically described position as an authorized person for signing reports, storm water pollution prevention plans, certifications or other information requested by the Director or required by the permit. This authorization cannot be used for signing an TPDES permit application (e.g. Notice of Intent (NOI)) in accordance with 30 TAC 305.128 and 30 TAC 305.44. The following person or position is hereby authorized to sign reports, plans or certifications other than the NOI application:

By signing this authorization, I confirm that I meet the following requirements to make such a designation as set forth in Section II.D.6 of the General Permit and 30 TAC 305.128 and 30 TAC 305.44.

For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function or any other person who performs similar policy or decision making functions for the corporation; or the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25,000,000 (in second quarter 1980 dollars) if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.

"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	Title	Date