

NOTE: ALL FIELDS SHALL BE COMPLETED, IF NOT APPLICABLE INDICATE WITH "N/A"

SITE DESCRIPTION

PROJECT NAME & LOCATION:

IS THIS A SHARED SWPPP ? YES NO

IF YES, AREAS OF RESPONSIBILITY OF EACH OPERATOR SHALL BE INDICATED IN SWPPP.

OPERATORS (Primary & Secondary) NAME & ADDRESS:

PROJECT DESCRIPTION:

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES:

DESCRIPTION OF POTENTIAL POLLUTANTS:

PRE-DEVELOPMENT RUNOFF COEFFICIENT:

FINAL RUNOFF COEFFICIENT AFTER CONSTRUCTION:

TOTAL PROJECT AREA:

TOTAL AREA TO BE DISTURBED, INCLUDING OFF-SITE MATERIAL STORAGE AREAS, OVERBURDEN AND STOCKPILES OF DIRT, AND BORROW AREAS THAT ARE AUTHORIZED UNDER THE PERMITTEE'S NOI OR AUTHORIZATION:

DESCRIPTION OF EXISTING SOIL:

DESCRIPTION OF STABILIZATION OF EXISTING DRAINAGE WAYS:

LOCATE AND LABEL WHERE STORMWATER DISCHARGES FROM THE PROJECT DRAIN DIRECTLY TO SURFACE WATER BODIES (WATERS OF THE U.S. OR SURFACE WATERS IN THE STATE), OR INTO MS4:

NAME OF RECEIVING WATERS:

ESTIMATED PROJECT START DATE: _____

ESTIMATED PROJECT END DATE: _____

GENERAL PERMIT AUTHORIZATION #: _____

DATE NOTICE OF INTENT SENT TO TCEQ (IF APPLICABLE): _____

EROSION AND SEDIMENT CONTROLS

STABILIZATION PRACTICES

TEMPORARY:

- ESTABLISHED VEGETATION
- MULCHING
- EROSION CONTROL BLANKETS

PERMANENT:

- ESTABLISHED PERENNIAL VEGETATION
- ESTABLISHED VEGETATION
- ROCK OR CONCRETE RIP RAP
- GABIONS OR GEOTEXTILES

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 and will not resume for a period exceeding 14 calendar days. In the context of this requirement, "immediately" means as soon as practicable, but no later than the end of the next work day, following the day when the earth-disturbing activities have temporarily or permanently ceased. Temporary stabilization must be completed no more than 14 calendar days after initiation of soil stabilization measures, and final stabilization must be achieved prior to termination of permit coverage

BEST MANAGEMENT (EROSION & SEDIMENT CONTROL) PRACTICES:

INDICATE SELECTION WITH AN "X", ALL BMPs SELECTED SHALL BE INDICATED ON THE EROSION CONTROL PLAN, AND STANDARD DETAILS SHALL BE INCLUDED ON THE EROSION AND SEDIMENT CONTROL DETAIL.

- P-2 INLET FILTER*
- SEDIMENT BARRIER AT INLETS**
- SILT FENCE
- CONSTRUCTION ENTRANCE/EXIT
- CONCRETE WASHOUT PIT
- DEBRIS CONTAINMENT (RESID. & COMM.)
- SEDIMENT BASIN***
- VEGETATION****
- EROSION CONTROL BLANKETS
- CHANNEL PROTECTION
- DUST CONTROL
- ORGANIC FILTER BERM
- WHEEL WASH
- ROCK CHECK DAM
- INTERCEPTOR SWALE
- DIVERSION DIKE
- DEWATERING

- 1) *P2 INLET FILTERS REQUIRED WHEN STREET IS OPEN TO VEHICULAR TRAFFIC
- 2) **NOT TO BE USED IN PUBLIC ROADWAY
- 3) ***SEDIMENT BASIN(S) CALCULATIONS SHALL BE INCLUDED IN SWPPP, AND IS REQUIRED FOR 10 ACRES OR LARGER IF FEASIBLE, WRITTEN EXPLANATION REQUIRED IF DECLARED NOT FEASIBLE.
- 4) ****INCLUDING PRESERVATION OF EXISTING VEGETATION.
- 5) ****70% COVERAGE FOR SEED, OR 100% COVERAGE FOR SOD.

POST DEVELOPMENT STORMWATER MANAGEMENT FEATURES

- ESTABLISHED PERENNIAL VEGETATION
- ESTABLISHED VEGETATION OTHER THAN SEED OR SOD (LANDSCAPING)
- CURB & GUTTER
- STORM SEWER
- STORM SEWER INLETS
- CULVERTS
- GABIONS
- VELOCITY DISSIPATION DEVICES
- DETENTION, RETENTION, OR AMENITY POND;

IF A DETENTION OR RETENTION FACILITY OR AMENITY POND WILL BE PART OF A DEVELOPMENT, THE DEVELOPER SHALL CONSTRUCT THE FACILITY DURING THE INITIAL PHASES OF DEVELOPMENT, AND SHALL ENSURE THAT THE FACILITY IS FULLY FUNCTIONAL AS DESIGNED INCLUDING THE ESTABLISHMENT OF A STABILIZED COVER, WHICH SHALL BE MAINTAINED THROUGHOUT THE REMAINING PHASES OF CONSTRUCTION.

THE FOLLOWING INDICATED HOUSEKEEPING PRACTICES SHALL BE FOLLOWED, AND THE DETAILS INSERTED ON THE HOUSEKEEPING DETAIL PAGE:

- DEBRIS AND TRASH MANAGEMENT
- CHEMICAL MANAGEMENT
- CONCRETE WASTE MANAGEMENT
- CONCRETE SAW CUTTING WASTE MANAGEMENT
- SANDBLASTING WASTE MANAGEMENT
- LIME STABILIZATION WASTE MANAGEMENT
- SANITARY FACILITIES *

* INDICATE PROPOSED LOCATION(S) OF SANITARY FACILITIES ON EROSION CONTROL PLAN.

ARE SURFACE WATERS (INCLUDING WETLANDS) EITHER AT, ADJACENT, OR IN CLOSE PROXIMITY TO THE SITE IDENTIFIED? YES NO

IF YES, INDICATE LOCATION ON EROSION CONTROL PLAN

WILL THIS PROJECT HAVE A BATCH PLANT? YES NO

IF YES, INDICATE PROPOSED LOCATION OF BATCH PLANT ON EROSION CONTROL PLAN

NOTE: TCEQ REQUIRES STORMWATER RUNOFF SAMPLE ANALYSIS FOR BATCH PLANT OPERATIONS

WILL THIS PROJECT HAVE OFF-SITE CONSTRUCTION SUPPORT ACTIVITIES THAT ARE AUTHORIZED UNDER THE PERMITTEE'S NOI, INCLUDING MATERIAL, WASTE, BORROW, FILL, OR EQUIPMENT STORAGE AREAS? YES NO

IF YES, INDICATE LOCATION ON EROSION CONTROL PLAN

WILL STORMWATER DISCHARGES FROM THIS PROJECT EFFECT PROPERTY LISTED OR ELIGIBLE FOR LISTING ON THE NATIONAL REGISTER OF HISTORIC PLACES. YES NO

EROSION CONTROL DESIGN PLAN 1					
NARRATIVE 1					
ENGINEERING DEPARTMENT					
CITY OF ALLEN, TEXAS					
<u>DESIGN</u>	<u>DRAWN</u>	<u>DATE</u>	<u>SCALE</u>	<u>NOTES</u>	<u>FILE</u>
BT: -	BT: -	-			DTLSWPPP1.DWG
<u>CHKD:</u>	<u>CHKD:</u>				<u>SHEET NO.</u>
					of

ENGINEERS SEAL & SIGNATURE

NOTE: ALL FIELDS SHALL BE COMPLETED, IF NOT APPLICABLE INDICATE WITH "N/A"

EROSION AND SEDIMENT CONTROLS

1. QUALIFIED PERSONNEL SHALL BE EMPLOYED BY THE OPERATOR TO CONDUCT REQUIRED INSPECTIONS.
2. IF, THROUGH INSPECTIONS OR OTHER MEANS, AS SOON AS AN OPERATOR DETERMINES THAT BMP'S ARE NOT OPERATING EFFECTIVELY, THEN THE PERMITTEE SHALL PERFORM MAINTENANCE AS NECESSARY TO MAINTAIN THE CONTINUED EFFECTIVENESS OF STORMWATER CONTROLS, AND PRIOR TO THE NEXT RAIN EVENT. IF MAINTENANCE PRIOR TO THE NEXT ANTICIPATED STORM EVENT IS IMPRACTICABLE, THE REASON SHALL BE DOCUMENTED IN THE SWP3 AND MAINTENANCE MUST BE SCHEDULED AND ACCOMPLISHED AS SOON AS PRACTICABLE, WITHIN SEVEN (7) CALENDAR DAYS, OR BEFORE THE NEXT ANTICIPATED STORM EVENT.
3. CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY 14 CALENDER DAYS AND WITHIN 24 HOURS OF ANY STORM EVENT OF 0.5 INCH OR GREATER. AS AN ALTERNATIVE TO THE ABOVE MENTIONED INSPECTION FREQUENCY, THE SWP3 MAY BE DEVELOPED TO REQUIRE THAT THESE INSPECTIONS WILL OCCUR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS. IF THIS ALTERNATIVE SCHEDULE IS DEVELOPED, THEN THE INSPECTION MUST OCCUR REGARDLESS OF WHETHER OR NOT THERE HAS BEEN A RAINFALL EVENT SINCE THE PREVIOUS INSPECTION.
4. INSPECTION SHALL BE PERFORMED BY THE OPERATOR'S REPRESENTATIVE. AN INSPECTION AND MAINTENANCE REPORT SHALL BE MADE FOR EACH INSPECTION AND KEPT AT THE PROJECT SITE.
5. THE OPERATOR SHALL MAINTAIN RECORDS OF CONSTRUCTION ACTIVITY AT THE SITE INCLUDING:
 - A. DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.
 - B. DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE.
 - C. DATES WHEN STABILIZATION MEASURES ARE INITIATED.
6. THE OPERATOR SHALL SIGN AND POST ON-SITE THE APPROPRIATE TCEQ SITE NOTICE: Large Construction Site-Primary & Secondary operators, Small Construction Site-TCEQ Construction Site Notice.
7. DEWATERING. DISCHARGES FROM DEWATERING ACTIVITIES, INCLUDING DISCHARGES FROM DEWATERING OF TRENCHES AND EXCAVATIONS, ARE PROHIBITED, UNLESS MANAGED BY APPROPRIATE CONTROLS (SD-EC15)
8. THE OPERATOR SHALL PROVIDE THE CITY WITH A COPY OF ANALYSIS OF STORM WATER RUNOFF SAMPLES REQUIRED BY TCEQ FOR BATCH PLANT OPERATIONS.
9. OTHER (DESCRIBE)

THE FOLLOWING NON-STORM WATER DISCHARGES FROM SITES AUTHORIZED UNDER THE GENERAL PERMIT ARE ALSO ELIGIBLE FOR AUTHORIZATION UNDER THE GENERAL PERMIT:

- DISCHARGES FROM FIRE FIGHTING ACTIVITIES (FIRE FIGHTING ACTIVITIES DO NOT INCLUDE WASHING OF TRUCKS, RUN-OFF WATER FROM TRAINING ACTIVITIES, TEST WATER FROM FIRE SUPPRESSION SYSTEMS, AND SIMILAR ACTIVITIES);
- * UNCONTAMINATED FIRE HYDRANT FLUSHINGS (EXCLUDING DISCHARGES OF HYPERCHLORINATED WATER, UNLESS THE WATER IS FIRST DECHLORINATED AND DISCHARGES ARE NOT EXPECTED TO ADVERSELY AFFECT AQUATIC LIFE), WHICH INCLUDE FLUSHINGS FROM SYSTEMS THAT UTILIZE POTABLE WATER, SURFACE WATER, OR GROUNDWATER THAT DOES NOT CONTAIN ADDITIONAL POLLUTANTS (UNCONTAMINATED FIRE HYDRANT FLUSHINGS DO NOT INCLUDE SYSTEMS UTILIZING RECLAIMED WASTEWATER AS A SOURCE WATER);
- WATER FROM THE ROUTINE EXTERNAL WASHING OF VEHICLES, THE EXTERNAL PORTION OF BUILDINGS OR STRUCTURES, AND PAVEMENT, WHERE DETERGENTS AND SOAPS ARE NOT USED AND WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS SPILLED MATERIALS HAVE BEEN REMOVED; AND IF LOCAL STATE, OR FEDERAL REGULATIONS ARE APPLICABLE, THE MATERIALS ARE REMOVED ACCORDING TO THOSE REGULATIONS), AND WHERE THE PURPOSE IS TO REMOVE MUD, DIRT, OR DUST;
- UNCONTAMINATED WATER USED TO CONTROL DUST;
- * POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS (EXCLUDING DISCHARGES OF HYPERCHLORINATED WATER, UNLESS THE WATER IS FIRST DECHLORINATED AND DISCHARGES ARE NOT EXPECTED TO ADVERSELY AFFECT AQUATIC LIFE);
- UNCONTAMINATED AIR CONDITIONING CONDENSATE;
- UNCONTAMINATED GROUND WATER OR SPRING WATER, INCLUDING FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH INDUSTRIAL MATERIALS SUCH AS SOLVENTS; AND
- LAWN WATERING AND SIMILAR IRRIGATION DRAINAGE.

SIGNATORY REQUIREMENTS

THE CITY OF ALLEN HAS DEVELOPED STANDARD CONSTRUCTION DETAILS FOR EROSION CONTROL. THIS DOCUMENT WAS DEVELOPED AS AN AID FOR THOSE PREPARING STORM WATER POLLUTION PREVENTION PLANS (SW3P'S) FOR VARIOUS CONSTRUCTION ACTIVITIES IN THE CITY. THEIR USE DOES NOT RELIEVE THE DESIGN ENGINEER OR OPERATOR(S) FROM COMPLYING WITH THE TEXAS POLLUTION DISCHARGE ELIMINATION SYSTEM (TPDES) GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION SITES.

THE SW3P SHALL BE SEALED BY A TEXAS REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED BY THE OPERATOR THAT THE INFORMATION IS TRUE AND THAT THEY ASSUME RESPONSIBILITY FOR THE PLAN. ADDITIONALLY, THEY SHALL CERTIFY THAT THE PLAN MEETS STATE AND LOCAL REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL AND STORM WATER QUALITY. IN ALL CASES, A DULY AUTHORIZED REPRESENTATIVE AS INDICATED IN THE GENERAL PERMIT MAY CERTIFY THIS PLAN.

PRIOR TO THE COMMENCEMENT OF WORK ON PROJECTS 5 ACRES OR LARGER THE OPERATOR SHALL SUBMIT NOTICES OF INTENT (NOI) TO DISCHARGE STORM WATER FROM A CONSTRUCTION SITE UNDER THE TPDES PERMIT. NO WORK WILL BE ALLOWED UNTIL COPIES OF ALL APPROPRIATE NOI'S AND CERTIFICATIONS ARE RECEIVED BY THE CITY.

EROSION CONTROL BEST MANAGEMENT PRACTICES DETAILED IN THIS PLAN REDUCE STORMWATER POLLUTION DURING CONSTRUCTION TO THE MAXIMUM EXTENT PRACTICABLE.

CONSULTING ENGINEER: _____ DATE: _____

CITY'S PROJECT MANAGER: _____ DATE: _____

STORMWATER PROGRAM MANAGER: _____
DATE: _____

"I, _____ CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH LAND DISTRIBUTING ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION, WITH THE STORM WATER MANAGEMENT ORDINANCE OF THE CITY OF ALLEN, AND WITH THOSE PROVISIONS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE CONSTRUCTION SITE FOR WHICH I AM RESPONSIBLE."

PRINTED NAME: _____ TITLE: _____

SIGNATURE: _____ DATE: _____
(OPERATOR)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE THOROUGHLY REVIEWED THIS STORMWATER POLLUTION PREVENTION PLAN (SW3P) AND THAT I UNDERSTAND AND AGREE TO COMPLY WITH THE TERMS AND CONDITIONS OF THE SW3P INCLUDING BMP INSTALLATION AND MAINTENANCE. I ALSO UNDERSTAND THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS.

PRINTED NAME: _____ TITLE: _____

SIGNATURE: _____ DATE: _____
CONTRACTOR

SEQUENCE AND TIMING OF INDICATED EROSION CONTROL PRACTICES AND/OR FEATURES

(INCLUDE TREATMENT OF STOCKPILED DIRT FOR FUTURE USE)

DETAILED DESCRIPTION OF BMP MAINTENANCE PROTOCOLS

DESCRIPTION OF METHODS USED TO MODIFY STORM WATER POLLUTION CONTROLS IF EXISTING CONTROLS ARE DETERMINED INADEQUATE

INSPECTION FREQUENCY SELECTED:

EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF ANY STORM EVENT OF 0.5 INCH OR GREATER.

EVERY SEVEN (7) DAYS INSPECTION REGARDLESS OF RAINFALL.

NOTE:

- 1.) AN ACKNOWLEDGEMENT CERTIFICATE FOR PRIMARY OPERATORS OF LARGE CONSTRUCTION SITES, AND THE SITE NOTICE FOR SMALL CONSTRUCTION SITES AND FOR SECONDARY OPERATORS OF LARGE CONSTRUCTION SITES SHALL BE POSTED AT THE SITE.
- 2.) A DIGITAL OR HARD-COPY OF THE SWPPP MUST BE SUBMITTED TO THE CITY OF ALLEN, ATTN: STORMWATER PROGRAM MANAGER.

PROHIBITED DISCHARGES

THE FOLLOWING DISCHARGES ARE PROHIBITED AND ARE NOT ELIGIBLE FOR AUTHORIZATION UNDER THE TXR150000 GENERAL PERMIT:

- WASTEWATER FROM WASHOUT OF CONCRETE;
- WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE, OIL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
- FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;
- SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING; AND
- TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.

EROSION CONTROL DESIGN PLAN 2

NARRATIVE 2 (CIP)

**ENGINEERING DEPARTMENT
CITY OF ALLEN, TEXAS**

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
BY: -	BY: -	-			DTL5WPPP2.DWG	of
CHKD: -	CHKD: -					

ENGINEERS SEAL & SIGNATURE

Insert EROSION CONTROL DRAWING

The Following Items Shall Be Included and/or Identified On the Erosion Control Plan Drawing

- Drainage patterns and approximate slopes anticipated after major grading activities.
- Areas where soil disturbance will occur
- Locations of all major structural controls either planned or in place.
- Locations where temporary or permanent stabilization practices are expected to be used.
- Locations of construction support activities, including off-site activities, that are authorized under the permittee's NOI, including material, waste, borrow, fill, or equipment storage areas.
- Surface waters (including wetlands) either at, adjacent, or in close proximity to the site.
- Locations where storm water discharges from the site directly to a surface water body or a municipal separate storm sewer system.
- Vehicle wash areas
- Vicinity map
- Erosion control notes and legend
- Existing and proposed contours and storm structures
- Flow arrows
- Stormwater volume control (Check dams, interceptor swales, rock rip-rap, etc.)
- Control of peak flow rates (diversion dike, sed. basin, etc.)
- Slope protection (E.C. blankets, rip-rap, turf mats, vegetation, etc.)
- Sediment barriers (silt fence, filter tubes, etc.)
- Natural buffer (vegetative/organic buffers, turf)
- Construction entrance/exit
- Washout pit(s)
- Proposed location(s) of sanitary facilities

Note: Where the amount of information required to be included on the map would result in a single map being difficult to read and interpret, the operator shall develop a series of maps that collectively include the required information.

ENGINEERS SEAL & SIGNATURE							EROSION CONTROL DESIGN PLAN 3						
							EROSION CONTROL PLAN						
							ENGINEERING DEPARTMENT						
							<i>CITY OF ALLEN, TEXAS</i>						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.							
BY: --	BY: --	--											
CHKD:	CHKD:						<i>DTLSWPPP2.DWG</i> of						

Insert Selected EROSION AND SEDIMENT CONTROL DETAILS



ENGINEERS SEAL & SIGNATURE	EROSION CONTROL DESIGN PLAN 4					
	EROSION AND SEDIMENT CONTROL DETAILS					
	ENGINEERING DEPARTMENT					
	<i>CITY OF ALLEN, TEXAS</i>					
	DESIGN	DRAWN	DATE	SCALE	NOTES	FILE
BY: -	BY: -	-			<i>DTLSWPPP2.DWG</i>	<i>of</i>
CHKD:	CHKD:					

Insert Selected HOUSEKEEPING DETAILS



ENGINEERS SEAL & SIGNATURE	EROSION CONTROL DESIGN PLAN 5					
	HOUSEKEEPING DETAILS					
	ENGINEERING DEPARTMENT					
	<i>CITY OF ALLEN, TEXAS</i>					
	DESIGN	DRAWN	DATE	SCALE	NOTES	FILE
BY: -	BY: -	-			<i>DTLSWPPP2.DWG</i>	<i>of</i>
CHKD:	CHKD:					