

STORM WATER POLLUTION PREVENTION PLAN

1. THE CONTRACTOR AND SUB-CONTRACTORS WORKING ON THIS SITE SHALL THOROUGHLY REVIEW AND UNDERSTAND THE APPLICABLE REGULATIONS UNDER SECTION 402 OF THE CLEAN WATER ACT AND CHAPTER 26 OF THE TEXAS WATER CODE REGARDING GENERAL PERMIT PROVISIONS TO DISCHARGE WASTE UNDER TPDES CONSTRUCTION GENERAL PERMIT NO. TXRIS0000 ISSUED AND EFFECTIVE MARCH 5, 2003 BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY. REGULATIONS, PERMIT FORMS AND SUPPORT INFORMATION CAN BE OBTAINED BY CONTACTING THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) STORM WATER PROGRAM AT (512) 1239-4671 OR "STORM WATER" ON THE TCEQ WEB SITE AT www.tceq.state.tx.us.

2. SITE OPERATORS:
 OPERATOR / OWNER _____ OPERATOR / CONTRACTOR _____

ALL SITE OPERATORS SHALL COMPLETE AND POST THE "CONSTRUCTION SITE NOTICE" INCLUDED IN THE PROJECT SPECIFICATIONS.

3. THIS STORM WATER POLLUTION PREVENTION PLAN (SWP3) HAS BEEN PREPARED FOR THE CONSTRUCTION ACTIVITIES RELATED TO LONGBRANCH LIFT STATION, GRAVITY MAIN AND FORCE MAIN TO SERVE LOFLAND FARMS PHASE 5A, ROCKWALL, TEXAS AND RELATED CONTRACT. THE ANTICIPATED CONTRACTOR'S WORK TYPE ARE LISTED BELOW:

CONTRACTOR	CONSTRUCTION ACTIVITY
GRADING CONTRACTOR	CLEAR & GRADE SITE.
UTILITY CONTRACTOR	INSTALL PUBLIC & PRIVATE WATER, SEWER & DRAINAGE IMPROVEMENTS.
PAVING CONTRACTOR	PAVING OF STREETS, SIDEWALKS AND SITE STABILIZATION

THE ABOVE CONTRACTORS, SUBCONTRACTORS AND PARTIES DISTURBING SOIL ON THIS SITE SHALL COMPLY WITH THE SWP3.

4. BATCH PLANT PERMITS: THIS SWP3 DOES NOT ADDRESS PERMITTING OF ON-SITE OR OFF-SITE BATCH PLANTS. THE SWP3 MAY INDICATE LOCATIONS WHERE BATCH PLANTS CAN BE SET UP ON THE SITE APPROVED BY THE OWNER, BUT THE CONTRACTOR SHALL OBTAIN HIS OWN SEPARATE PERMITS THROUGH THE TCEQ. CONSTRUCTION SITE OPERATORS SHOULD ALSO BE AWARE OF TEXAS 401 CERTIFICATION SPECIAL PERMIT CONDITIONS CONTAINED IN THE EPA REGION 6 CGP. THESE SPECIAL PERMIT CONDITIONS ADDRESS SPECIAL NUMERIC LIMITATIONS FOR DISCHARGES FROM READY-MIXED CONCRETE PLANTS (ALSO FOUND IN VOLUME 63 OF THE FEDERAL REGISTER ON PAGE 36511). THE CONTRACTOR SHALL FORWARD A COPY OF THE PERMIT, SWP3 PLANS, AND ANY REVISIONS OF SAME TO THE OWNER'S ENGINEER OR PROJECT MANAGER WITHIN 48 HOURS OF RECEIPT OF PERMITS OR REVISIONS TO SWP3 PLANS. PERMITTING FOR BATCH PLANT SITES SHALL BE INCIDENTAL WORK AT NO EXTRA COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ACT AS OPERATOR AND ASSURE FULL COMPLIANCE WITH THE BATCH PLANT SITE.

5. RELATED OFF-SITE ACTIVITIES: IF THE CONTRACTOR ELECTS TO CREATE NEW OFF-SITE MATERIAL STORAGE AREAS, STOCKPILES OF DIRT/TOPSOIL, BORROW AREAS, VEHICLE REPAIR AREAS, FUELING AREAS, ETC. CREATED SOLELY FOR OR BY THE PERMITTED PROJECT, THESE SITES SHALL COMPLY WITH TCEQ REGULATIONS FOR STORM WATER POLLUTION PREVENTION. THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER SHALL PROVIDE DOCUMENTATION TO THE OWNER OR THE OWNER'S PROJECT REPRESENTATIVE THAT THE OFFSITE ACTIVITIES ARE PERMITTED IF REQUIRED BY TCEQ REGULATIONS. VERIFICATION OF PROPER OFF-SITE PERMITTING BY THE CONTRACTOR MUST BE PROVIDED AT LEAST 48 HOURS IN ADVANCE OF THE CONTRACTOR INCORPORATING THE SITE INTO SERVICE FOR THE SUBJECT PROJECT.

6. IMPLEMENTATION OF SWP3: THE CONTRACTOR SHALL IMPLEMENT THE SWP3 MEASURES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES THAT RESULT IN SOIL DISTURBANCE AT ANY TIME DURING THE PROJECT DURATION UNTIL RE-VEGETATION HAS OCCURRED.

7. MATERIAL STORAGE: STORE ONLY ENOUGH OF A MATERIAL TO DO THE JOB. KEEP MATERIALS IN ORIGINAL CONTAINER IF POSSIBLE. WHEN NOT POSSIBLE, ORIGINAL LABEL SHALL BE KEPT WITH THE PRODUCT.

8. FUEL & EQUIPMENT MAINTENANCE AND STORAGE: WHERE FUELS ARE STORED, MAINTENANCE OF EQUIPMENT AND LUBRICATING MAINTENANCE ARE PROVIDED ON THE SITE, THE AREA (FUELING OR LUBRICATING) SHALL CONTAIN A MINIMUM 18" BERM AND PLASTIC COVER TO PREVENT STORM WATER FROM CARRYING PETRO CHEMICAL PRODUCTS INTO STORM WATER OR SOILS. VEHICLES ARE TO RECEIVE REGULAR PREVENTIVE MAINTENANCE. IF LOCATION IS PAVEMENT, A 6" HIGH TEMPORARY CONCRETE CURB MAY BE PLACED AROUND THE FUEL SITE IN LIEU OF EARTHEN BERM.

9. PROVIDE COVERED PROTECTED AREAS FOR STORAGE OF CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS, AND OTHER POTENTIALLY TOXIC MATERIALS SUCH THAT MATERIALS ARE NOT IN CONTACT WITH STORM WATER. MATERIALS SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY MANUFACTURER.

10. IF PUBLIC SANITARY FACILITIES ARE NOT AVAILABLE, PROVIDE SELF CONTAINED SANITARY FACILITIES AT THE CONSTRUCTION SITE FOR COLLECTION OF HUMAN WASTE. MAINTAIN FACILITIES AT REGULAR INTERVAL TO PREVENT OVERFLOW.

11. EROSION CONTROL FACILITIES SHALL BE INSTALLED AND MAINTAINED ON THE SITE DURING ALL PHASES OF CONSTRUCTION UNTIL PAVING IS COMPLETE AND VEGETATION ESTABLISHED ON OPEN AREAS. THE METHODS AND SEQUENCE OF IMPROVEMENTS AS DESCRIBED HEREIN SHALL BE CONSIDERED MINIMUM IMPROVEMENTS. THE CONTRACTORS SEQUENCE OF CONSTRUCTION AND WEATHER CONDITIONS MAY DICTATE CONSTRUCTION OF DIFFERENT STORM WATER MANAGEMENT FACILITIES. COORDINATE WITH THE ENGINEER IF SUBSTANTIALLY DIFFERENT METHODS AND FACILITIES ARE ANTICIPATED AT ANY TIME DURING CONSTRUCTION.

12. THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES DURING CONSTRUCTION. THE CONTRACTOR SHALL CONFORM TO THE APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS TO CONTROL STORM WATER POLLUTANTS, AND TO CONTROL EROSION AND SEDIMENT FROM LEAVING THE SITE, INCLUDING DUST AND LITTER CONTROL. TRASH RECEPTACLES SHALL BE PROVIDED ON-SITE AND EMPTIED AT REGULAR INTERVALS.

13. THE CONTRACTOR SHALL LIMIT THE AREAS DISTURBED ON THE PROJECT SITE TO THE AREA NECESSARY FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL PREVENT PERSONNEL, SUPPLIERS, AND SUBCONTRACTORS FROM DISTURBING AREAS OUTSIDE OF DESIGNATED CONSTRUCTION AREAS.

14. TECHNICAL BASIS USED: THE CONTRACTOR SHALL UTILIZE THE LATEST COPY OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENT'S STORM WATER MANAGEMENT HANDBOOK AS A GUIDE FOR THE PROPOSED STORM WATER MANAGEMENT FACILITIES AND TECHNIQUES. THE CONTRACTOR SHALL USE THE DETAILS PROVIDED FOR BUILDING THE SPECIFIED EROSION & SEDIMENTATION CONTROL STRUCTURES. THE CONTRACTOR SHALL ALSO REFER TO CONTRACT DOCUMENTS FOR TECHNICAL EVALUATION OF THESE STRUCTURES. IF SUCH STRUCTURES DO NOT MEET STANDARDS, THE ENGINEER SHALL BE CONTACTED IMMEDIATELY AND THE SITUATION REMEDIATED. CALL (817) 640-3300 FOR MORE INFORMATION PERTAINING TO THE ABOVE REFERENCED HANDBOOK.

15. TECHNIQUES TO BE USED: TECHNIQUES TO BE USED SHALL BE AS INDICATED BY THE STORM WATER POLLUTION PREVENTION PLAN AND DETAILS. THE GOALS FOR CONTROLLING EROSION SHALL COMPLY WITH THIS PLAN AND SPECIFICATIONS AND SHALL INCLUDE THE FOLLOWING:

- A. WHERE FEASIBLE AND COST EFFECTIVE DIVERT UPSLOPE WATER AROUND DISTURBED AREAS.
- B. LIMIT THE EXPOSURE OF DISTURBED AREAS TO THE SHORTEST DURATION POSSIBLE.
- C. REMOVE SEDIMENT FROM STORM WATER BEFORE IT LEAVES THE SITE BY STABILIZATION OR STRUCTURAL METHODS.

16. STABILIZATION PRACTICES SHALL INCLUDE THE FOLLOWING:

- A. PRESERVE EXISTING VEGETATION WHERE POSSIBLE.
- B. STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE, BUT NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED UNLESS CONSTRUCTION WILL RESUME ON THE PORTION OF THE SITE WITHIN 21 DAYS.
- C. PERMANENT STABILIZATION TECHNIQUES SHALL BE AS IDENTIFIED ON THE PLANS. INTERIM STABILIZATION METHODS MAY INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATION BUFFER STRIPS, PRESERVATION OF MATURE VEGETATIVE BUFFER STRIPS, AND OTHER APPROPRIATE MEASURES. IF CLEARING OF TREES OCCURS ON THE SITE AND MULCHING IS TO BE USED, THE CONTRACTOR MUST CONTACT THE PROJECT ENGINEER TO CONSIDER FEASIBLE AREAS WHERE MULCH CAN BE USED FOR TEMPORARY EROSION CONTROL.

17. STRUCTURAL PRACTICE: REFER TO THE LAYOUT PLAN AND EROSION CONTROL DETAILS FOR SPECIFIC LOCATIONS AND TYPES OF STRUCTURAL PRACTICES.

18. THE MAJORITY OF THIS PROJECT IS LINEAR CONSTRUCTION. CONSTRUCTION WILL BE ACCESSED FROM STREETS ADJACENT TO THE SITE.

19. DUST CONTROL: THE DISTURBED AREAS ON SITE SHALL BE REGULARLY WATERED DURING DRY PERIODS TO PREVENT DUST LEAVING THE SITE.

20. THE PROJECT SEQUENCE SHALL GENERALLY CONFORM TO THE FOLLOWING:

PHASE I START DATE: _____ END DATE: _____

- A. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE, ROCK BERMS, SEDIMENTATION BASIN, BERMS/SWALES AND SILT FENCE ACCORDING TO THE APPROXIMATE LOCATION AND DETAIL SHOWN ON SHEET U105 AND SWP3 DETAILS.
- B. BEGIN CLEARING AND GRADING OF SITE.
- C. SEED AND RE-VEGETATE SLOPES WHERE SHOWN.

PHASE II START DATE: _____ END DATE: _____

- A. KEEP ALL STORM WATER POLLUTION PREVENTION MEASURES IN PLACE.
- B. INSTALL SANITARY SEWER AS SPECIFIED ON PLAN SHEETS.
- C. CONSTRUCT TEMPORARY SILT FENCE ON THE DOWNSTREAM SIDE OF THE SLOPE ADJACENT TO THE UTILITY TRENCH.

PHASE III START DATE: _____ END DATE: _____

E. RE-VEGETATE ALL DISTURBED AREAS.

PHASE IV START DATE: _____ END DATE: _____

A. LANDSCAPE CONTRACTOR SHALL RE-VEGETATE ALL AREAS RESERVED FOR LANDSCAPE VEGETATIVE COVERS.

21. MAINTENANCE: MAINTENANCE OF EROSION CONTROL FACILITIES SHALL CONSIST OF THE MINIMUM REQUIREMENTS AS FOLLOWS:

- A. IN ONGOING CONSTRUCTION AREAS INSPECT EROSION CONTROL IMPROVEMENTS TO CONFIRM FACILITIES ARE IN PLACE AND OPERABLE. WHERE FACILITIES HAVE BEEN TEMPORARILY SET ASIDE OR DAMAGED DUE TO CONSTRUCTION ACTIVITY, PLACE FACILITIES IN SERVICE BEFORE LEAVING JOB SITE.
- B. IF WEATHER FORECAST PREDICTS POSSIBILITY OF RAIN, CHECK ENTIRE FACILITIES THROUGHOUT SITE TO ASSURE FACILITIES ARE IN PLACE AND OPERABLE. IF JOB SITE WEATHER CONDITIONS INDICATE HIGH PROBABILITY OF RAIN, MAKE SPECIAL INSPECTION OF EROSION CONTROL FACILITIES.
- C. AFTER RAINFALL EVENTS REVIEW EROSION CONTROL FACILITIES AS SOON AS SITE IS ACCESSIBLE. CLEAN INLET PROTECTION, SILT PONDS, ROCK BERMS, BERM/SWALES AND OTHER STRUCTURAL FACILITIES. DETERMINE WHERE ADDITIONAL FACILITIES OR ALTERNATIVE TECHNIQUES ARE NEEDED TO CONTROL SEDIMENT LEAVING SITE.
- D. AFTER PORTIONS OF SITE HAVE BEEN SEEDED, REVIEW THESE AREAS ON REGULAR BASIS IN ACCORDANCE WITH PROJECT SPECIFICATIONS TO ASSURE PROPER WATERING UNTIL GRASS IS ESTABLISHED. RESEED AREAS WHERE GRASS IS NOT WELL ESTABLISHED.
- E. SPILLS ARE TO BE HANDLED AS SPECIFIED BY THE MANUFACTURER OF THE PRODUCT IN A TIMELY SAFE MANNER BY PERSONNEL. THE SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR COORDINATING SPILL PREVENTION AND CLEANUP OPERATIONS.
- F. CONCRETE TRUCKS WILL DISCHARGE EXTRA CONCRETE OR WASH OUT DRUM ONLY AT AN APPROVED LOCATION ON SITE. RESIDUAL PRODUCT SHALL BE PROPERLY DISPOSED OF.
- G. INSPECT VEHICLE ENTRANCE AND EXITS FOR EVIDENCE OF OFF-SITE TRACKING AND CORRECT AS NEEDED.
- H. VEHICLE WASH AREAS WILL BE INSPECTED TO INSURE PROPER DRAINAGE AND MAINTENANCE.
- I. REMOVE SEDIMENT FROM TRAPS/PONDS NO LATER THAN WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
- J. IF SEDIMENT ESCAPES THE SITE, THE CONTRACTOR WHERE FEASIBLE AND WHERE ACCESS IS AVAILABLE SHALL COLLECT AND REMOVE SEDIMENTATION MATERIAL BY APPROPRIATE NON-DAMAGING METHODS. ADDITIONALLY, THE CONTRACTOR SHALL CORRECT THE CONDITION CAUSING DISCHARGES.
- K. IF INSPECTIONS OR OTHER INFORMATION SOURCES REVEAL A CONTROL HAS BEEN USED INCORRECTLY, OR THAT A CONTROL IS PERFORMING INADEQUATELY, THE CONTRACTOR MUST REPLACE, CORRECT OR MODIFY THE CONTROL AS SOON AS PRACTICAL AFTER DISCOVERY OF THE DEFICIENCY.
- L. A LIST OF AUTHORIZED NON-STORM WATER DISCHARGES MAY BE FOUND IN THE CONTRACT DOCUMENTS.

22. INSPECTION: INSPECTIONS BY QUALIFIED REPRESENTATIVES OF THE CONTRACTOR ACTING ON BEHALF OF THE OWNER OR A DESIGNATED PARTY IF HIRED SEPARATELY BY THE OWNER MUST COMPLY WITH TWO INSPECTION OPTIONS AS FOLLOWS:
 OPTION A. AN INSPECTION SHALL OCCUR AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES.
 OPTION B. AN INSPECTION EVERY SEVEN (7) CALENDAR DAYS (THE SAME DAY FOR THE INSPECTION MUST OCCUR EACH WEEK REGARDLESS OF WEATHER CONDITIONS).

THE CONTRACTOR OR OWNER DESIGNATED PARTY SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT ALL DISTURBED AREAS OF THE SITE, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION MUST BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE RUNOFF FROM THE SITE. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN MUST BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. OBSERVATIONS CAN BE MADE DURING WET OR DRY WEATHER CONDITIONS. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY MUST BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. THIS CAN BE DONE BY INSPECTING RECEIVING WATERS TO SEE WHETHER ANY SIGNS OR EROSION OR SEDIMENT ARE ASSOCIATED WITH THE DISCHARGE LOCATION. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE MUST BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

BASED ON THE RESULTS OF THE INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION MEASURES IDENTIFIED IN THE PLAN MUST BE REVISED AS SOON AS POSSIBLE AFTER AN INSPECTION THAT REVEALS INADEQUACIES. THE INSPECTION AND PLAN REVIEW PROCESS MUST PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE PLAN WITH 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

AN INSPECTION REPORT THAT SUMMARIZES THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL CONDUCTING THE INSPECTION, THE DATES OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE SWP3. MAJOR OBSERVATIONS SHALL INCLUDE AS A MINIMUM LOCATION OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE, LOCATION OF BMPs THAT NEED TO BE MAINTAINED, LOCATION OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, AND LOCATIONS WHERE BMPs ARE NEEDED. ACTIONS TAKEN MUST BE COMPLETELY FILLED OUT AND SIGNED BY THE INSPECTOR. THE INSPECTOR SHALL MAINTAIN A RECORD OF ALL INSPECTION REPORTS FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE OF FINAL STABILIZATION OR CHANGE OF OPERATOR. THE ORIGINALS SHALL BE FORWARDED TO THE OWNER.

23. SIGN & NOTICE POSTINGS:

ON SMALL PROJECT SITES WITH ONE TO LESS THAN FIVE ACRES OF DISTURBANCE, THE CONTRACTOR MUST PROVIDE A SWP3 AND POST CONSTRUCTION SITE NOTICE AT A PUBLICLY ACCESSIBLE LOCATIONS NEAR TO THE CONSTRUCTION ACTIVITIES. IF THERE IS NO LOCATION TO STORE THE SWP3 AT THE SITE, THE CONTRACTOR MUST POST A NOTICE SIGN, IDENTIFYING THE LOCATION WHERE A SWP3 CAN BE READILY OBTAINED FOR VIEWING.

ON LARGE PROJECT SITES WITH 5 OR MORE ACRES OF DISTURBANCE, A CONSTRUCTION SITE NOTICE MUST BE PLACED AT A PUBLICLY ACCESSIBLE LOCATION NEAR TO THE CONSTRUCTION ACTIVITIES WHICH PROVIDES THE INFORMATION BELOW:

- (A) TPDES GENERAL PERMIT NUMBER OR A COPY OF THE NOI IF THE PERMIT NUMBER HAS NOT BEEN ISSUED.
- (B) NAME AND TELEPHONE NUMBER OF A REPRESENTATIVE FOR THE OPERATOR.
- (C) BRIEF DESCRIPTION OF THE PROJECT.
- (D) LOCATION OF THE SWP3 ON OR OFF-SITE.

LINEAR CONSTRUCTION SITES SHALL POST CONSTRUCTION SITE NOTICE NEAR ACTUAL CONSTRUCTION. THE SITE NOTICE SHALL PROVIDE THE LOCATION WHERE THE SWP3 IS BEING KEPT.

SITE AND OR PROJECT DESCRIPTION DATA

SOURCES OF POLLUTION:
 THE POTENTIAL SOURCES OF POLLUTION IDENTIFIED CONSIST OF STORM WATER RUNOFF FROM CONSTRUCTION ACTIVITIES. THERE ARE NO NON-STORM WATER DISCHARGES THAT ARE KNOWN TO EXIST AT THIS SITE. A SELF CONTAINED PORTABLE FACILITY WILL BE KEPT ON-SITE DURING CONSTRUCTION FOR HUMAN WASTE. CONSTRUCTION FUEL STORAGE IS NOT ANTICIPATED TO BE PROVIDED AT THE SITE. IF FUEL IS STORED AT THE SITE A BERM WILL BE PLACED AROUND THE FUEL TANK.

NATURE OF THE CONSTRUCTION ACTIVITY:
 THE CONSTRUCTION ACTIVITY CONSISTS OF CONSTRUCTION OF A SANITARY SEWER LIFT STATION AND ASSOCIATED GRAVITY AND FORCE MAINS.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES:
 REFER TO STORM WATER MANAGEMENT AND EROSION CONTROL SITE NOTES ON THIS SHEET AND THE LAYOUT PLAN.

AREA ESTIMATES:
 TOTAL AREA ONSITE:1.47 ACRES
 ESTIMATED DISTURBED AREA ONSITE:1.47 ACRES
 ESTIMATED DISTURBED AREA OFFSITE: 0 ACRES

ESTIMATED RUNOFF COEFFICIENT AFTER CONSTRUCTION IS COMPLETED:
 UNDEVELOPED C = 0.3
 DEVELOPED C = 0.3

SOIL AND OR QUALITY OF STORM WATER DISCHARGE DATA:
 REFER TO EFFICIENCY ESTIMATES FOR STRUCTURAL METHODS ON STANDARD MEASURES. REFER TO SEDIMENTATION POND AND OTHER SITE SPECIFIC IMPROVEMENT SPECIAL DETAILS.

SITE SWP3 DRAINAGE/DESIGN PLAN:
 REFER TO SWP3 PLAN LAYOUT AND GRADING PLAN SHEETS FOR DRAINAGE PATTERNS, EXISTING CONTOURS, SOILS DISTURBANCE AREAS, STRUCTURAL CONTROL MEASURES, NATURAL VEGETATIVE FILTERING, RE-VEGETATION, IMPROVED STABILIZATION METHODS, SURFACE WATERS INCLUDING WETLANDS, DIRECT DISCHARGE POINTS TO SURFACE WATER BODIES.

SUPPORT ASPHALT PLANTS, AND CONCRETE PLANT LOCATIONS:

RECEIVING WATER BODY DESCRIPTION:
 LONG BRANCH CREEK

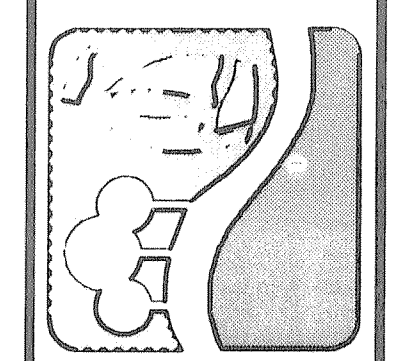
TPDES GENERAL PERMIT:
 n/a

N.O.I. SUBMITTAL DATE:
 n/a

WETLANDS ACREAGE:
 THERE ARE NO KNOWN WETLANDS ON THE SITE.

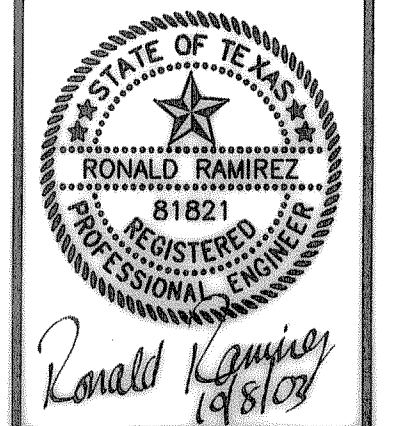
SOIL TYPE AT SITE:
 REFER TO GEOTECHNICAL REPORT BY _____ PROVIDED IN THE SPECIFICATIONS.

PREPARED BY:
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LONG BRANCH LIFT STATION, FORCE MAIN AND GRAVITY SEWER TO SERVE LOFLAND FARMS PHASE 5B

STORM WATER POLLUTION PREVENTION PLAN



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