

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN, & COMPREHENSIVE MONITORING PROGRAM

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST STAND ALONE CONSTRUCTION PROJECTS

PROJECT NAME: RACETRAC 316@81
ADDRESS: 839 LOGANVILLE HIGHWAY
CITY/COUNTY: BETHLEHEM / BARROW
DATE ON PLAN: 02/24/2020

NAME AND EMAIL OF PERSON FILLING OUT CHECKLIST: JON WILLIAMS / J.WILLIAMS@ENGINEERING.COM

PLAN PAGE INCLUDED TO BE SHOWN ON E&P PLAN

PLAN PAGE	INCLUDED	TO BE SHOWN ON E&P PLAN
C2.0	Y	1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted (The completed Checklist must be submitted with the E&P Plan or the Plan will not be reviewed)
ALL	Y	2 Level II certification number issued by the Commission, signature and seal of the certified design professional (Signature, seal and Level II number must be on each sheet pertaining to E&P plan or the Plan will not be reviewed)
N/A	N/A	3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist (A copy of the written approval by EPD must be attached to the plan for the plan to be reviewed.)
C2.0	Y	4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution control.
C2.0	Y	5 Provide the name, address, email address, and phone number of primary permittee.
C2.0	Y	6 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
ALL	Y	8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
C2.0	Y	9 Description of the nature of construction activity.
C2.0	Y	10 Provide a vicinity map showing site's location to surrounding areas including designations of specific phase, if necessary.
C2.0	Y	11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
C2.0	Y	12 Design professional's certification statement and signature that the site was visited prior to development of the E&P Plan as stated on Part IV page 19 of the permit.
C2.0	Y	13 Design professional's certification statement and signature that the permittee's E&P Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 19 of the permit.
C2.0	Y	14 Clearly note the statement that "The design professional who prepared the E&P Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with Part IV.A.5 page 25 of the permit.
C2.0	Y	15 Clearly note the statement that "Non-empt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of treated vegetation or within 25-feet of the coastal marshland buffer as measured from the jurisdictional Determination Line without first acquiring the necessary variances and permits."
C2.0	Y	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
C2.0	Y	17 Clearly note the statement that "Remediation/revisions to the E&P Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."
C2.0	Y	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."
C2.0	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
C2.0	Y	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
C2.0	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
C2.0	Y	22 Any construction activity which discharges storm water into an impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment must comply with Part IV.C. of the Permit. Include the completed Appendix 1 listing of the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment."
C2.0	Y	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the E&P Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan."
C2.0	Y	24 BMPs for concrete washout of tools, concrete mixer chutes, hoppers and the rear of the vehicle. Washout of the drum at the construction site is prohibited."
C2.0	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.
C2.0	Y	26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed."
C2.0	Y	27 Description of practices to provide cover for building materials and building products on site."
C2.0	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges."
C2.0	Y	29 Description and chart of timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
C2.1	Y	30 Provide complete requirements of inspections and record keeping by the primary permittee."
C2.1	Y	31 Provide details of sampling frequency and reporting of sampling results."
C2.1	Y	32 Provide complete details for retention of records as per Part IV.F. of the permit."
C2.1	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location."
C2.1	Y	34 Appendix B rationale for NTU values of all outfall sampling points where applicable."
C2.1	Y	35 Delinate all sampling locations, personnel and intermittent streams and other water bodies into which storm water is discharged."
C2.1	Y	36 A description of appropriate controls and measures that will be implemented at the construction site including (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs for construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine any of the BMPs into a single phase."
C2.2-C2.4.1	Y	37 Grading and proposed contour lines with contour lines drawn at an interval in accordance with the following: Map Scale Hatch 100ft for larger scale Ground Slope Contour Interval Foot 0-2% Rolling 2-8% Steep 8+
N/A	N/A	39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (Unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gswcc.org
N/A	N/A	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition."
C2.2-C2.4.1	Y	41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local zoning Authority. Clearly note and delineate all areas of impact.
C2.1	Y	42 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.
C2.1	Y	43 Delineation and acreage of contributing drainage basins on the project site.
HDRO	Y	44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions."
C2.1	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
C2.2-C2.4.1	Y	46 Storm drain pipe and weir velocities with appropriate outlet protection to accommodate discharge without erosion. Identify/Delimitate weir discharge points.
C2.2-C2.4.1	Y	47 Soil series for the project site and their delineation.
C2.2-C2.4.1	Y	48 The limits of disturbance for each phase of construction.
C2.2-C2.4.1	Y	49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, plus one detention pond, and/or associated inlet sediment traps for each construction location. Sediment storage volume must be achieved prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common area. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common area. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common area. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common area.
C2.1	Y	50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, when applicable. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common area. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common area. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common area.
C2.6	Y	51 Provide detailed design for all sediment storage, detention, and/or treatment structures, including design, location, and construction details set forth in the Manual for Erosion and Sediment Control in Georgia.
C2.7-C2.8	Y	52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Practices, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific and include a schedule of time of the year that seeding will take place and for the appropriate geographic region of Georgia.

*If using this checklist for a project that is less than 1 acre and a part of a common development within 200 ft of a perennial stream the *checklist items would be N/A.

Effective January 1, 2019

SEDIMENT AND EROSION CONTROL CHECKLIST ITEMS CORRESPOND TO

ES&P PROJECT NOTES

PROJECT INFORMATION
24-HR EROSION CONTROL CONTACT
ATIN: CHANCE DENNIS
404-416-8733

PRIMARY PERMITTEE
DAN BROOKIN
200 GALLERIA PARKWAY SE
ATLANTA, GA 30339
PHONE No. 678-551-9788
EMAIL: DBROOKIN@RACETRAC.COM

PROPERTY OWNER
RACETRAC PETROLEUM
200 GALLERIA PARKWAY SE
ATLANTA, GA 30339
ATIN: MICHAEL MALLEN
PHONE No.: 770-431-7500

AUTHORIZED AGENT/DESIGN PROFESSIONAL
W&A ENGINEERING
355 ONEFA STREET, SUITE D110
ATHENS, GA 30601
706.310.0400

THIS PLAN WAS PREPARED AS REQUIRED BY NPDES GENERAL PERM NO. GAH 100001. THESE PLAN SHEETS AND ALL REQUIREMENTS OF THE GENERAL PERMIT AS WELL AS LOCAL, STATE AND FEDERAL REGULATIONS OR LAWS APPLY REGARDLESS OF SPECIFIC INCLUSIONS IN THIS PLAN.

PROJECT AREA
TOTAL PROJECT AREA: 6.91 AC.
TOTAL DISTURBED AREA: 6.91 AC.

PROJECT ENTRANCE LOCATION
THE GPS COORDINATES USED FOR THE LOCATION OF THE CONSTRUCTION EXITS FOR THE PROJECT ARE: LAT: 33.946387N / LONG: 83.72828837W

SITE DESCRIPTION
OWNER/DEVELOPER AS PRIMARY PERMITTEE WILL OVERSEE SITE CONSTRUCTION WITH THE 6.91 ACRE SITE LOCATED IN C.M.D.: 249, PARCELS # J2002 103 IN BARROW COUNTY, GA. THE SITE IS CURRENTLY UNDEVELOPED. THE EXISTING SITE HAS SLOPES FROM 1 TO 38 PERCENT FROM THE SOUTH WEST TO THE NORTH EAST.

PROJECT DESCRIPTION & NATURE OF CONSTRUCTION ACTIVITY
THE PROPOSED PROJECT CONSISTS OF THE CONSTRUCTION OF A SINGLE STORY COMMERCIAL STORE / GAS STATION ALONG WITH THE FOLLOWING: PARKING, DRIVEWAY, SIDEWALKS AND LANDSCAPING. PROPOSED STORMWATER MANAGEMENT FACILITIES ARE ILLUSTRATED ON THE PLANS.

CURRENT ZONING: C3
ADJACENT PROPERTIES
THE SITE IS BOUNDED BY HIGHWAY 41 ALONG ITS SOUTHERN BORDER, PARCELS ZONED C2 OR R4 TO THE NORTHEAST AND PARCELS ZONED C3 TO THE SOUTHWEST AND NORTHEAST.

RECEIVING WATERS
THE SITE DRAINS TO AN UNNAMED TRIBUTARY OF HANBURY CREEK WHICH THEN FLOWS INTO FORT WARD.

HAZARDOUS WASTE
HAZARDOUS WASTE MATERIALS SHALL BE STORED IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS. THE MANUFACTURER OF SUCH PRODUCTS SHALL BE THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SHALL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL SUBSTANCES WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE SHALL BE OBTAINED IMMEDIATELY UPON RECEIPT OF SUCH PRODUCTS. POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS, AN MSDS SHALL BE POSTED IN A PROMINENT LOCATION. THESE PRODUCTS SHALL BE STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS SHALL BE MAINTAINED IN THE E&P FILE AT THE JOB SITE THROUGHOUT THE PROJECT. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES SHALL BE TRAINED IN THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT. HE/SH/IT IS USING, INCLUDING REGULARLY RECALIBRATED SPOOL CONTROL TECHNIQUES.

SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN
THE CONTRACTOR SHALL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPPC) PLAN FOLLOWS WITH THIS E&P PLAN AND SHALL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES SHALL BE ALLOWED TO COME IN CONTACT WITH STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGE SHALL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORM WATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPPC PLAN.

IMMEDIATE FILL POLLUTION PREVENTION PLAN
THE FOLLOWING MATERIALS ARE EXPECTED DURING CONSTRUCTION: CONCRETE PRODUCTS, ASPHALT, PETROLEUM BASED FUELS AND LUBRICANTS FOR EQUIPMENT, TARS, METAL BUILDING MATERIALS, LUMBER, SHEET ROCK, FLOOR COVERINGS, ELECTRICAL WIRE AND FIXTURES, PAINTS/SIANS/FINISHING TREATMENTS, PLASTIC, PAINT SOLVENTS, ADDITIVES FOR SOIL STABILIZATION, CLEANING SOLVENTS, PESTICIDES, FERTILIZERS, HERBICIDES, CRUSHED STONE, PLANT AND METAL PIPES.

SPILL PREVENTION - PRACTICES
PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPPC CONTROL PRACTICES SHALL BE FOLLOWED TO REDUCE THE RISK OF SPILL AND SPILLS FROM DISCHARGING INTO STORM WATER RUNOFF.

- QUANTITIES OF PRODUCTS STORED ON-SITE SHALL BE LIMITED TO AMOUNT NEEDED FOR THE JOB.
- PRODUCTS AND MATERIALS SHALL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS PROTECTED FROM RAINFALL, WHERE POSSIBLE.
- PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.
- PRODUCT MIXING, DISPOSAL, OR DISPOSAL OF PRODUCT CONTAINERS SHALL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

7-DAY CERTIFICATION
THE DESIGN PROFESSIONAL WHO PREPARED THIS E&P PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION OF THE CONSTRUCTION FOR THE SCHEDULING OF THE SITE VISIT FOR THE INSPECTION. IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THE SYSTEM DIRECTOR, RESPONSIBLE FOR GATHERING THE INFORMATION, TO ASSURE THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAH 100001.

DESIGN PROFESSIONAL 7-DAY CERTIFICATION
I, the undersigned, hereby certify that the Erosion, Sedimentation and Pollution Control Plan and the Stormwater Management Plan for the above project were prepared by me or under my direct supervision and in accordance with a system designed to assure that certified personnel properly gather, evaluate and report the information submitted. Based upon my inquiry of the person or persons who manage the system or the system director, I am responsible for gathering the information, to assure that the designed system of best management practices and sampling methods is expected to meet the requirements contained in the general NPDES permit no. GAH 100001. I am aware that there are significant penalties for providing false information, including the possibility of fines and imprisonment for knowing violations.

DATE: 02/24/2020
SIGNATURE: [Signature]
DESIGN PROFESSIONAL (JON WILLIAMS) CERTIFICATION #3588

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE E&P PLAN:

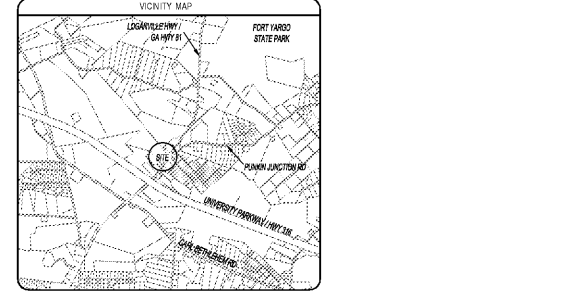
THESE DEFICIENCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.

CHECKLIST NOTES

- NON-EMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WASTED VEGETATION OR WITHIN 25-FOET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
- AMENDMENTS/REVISIONS TO THE E&P PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
- WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

ASSESSMENTS

- STREAMS ASSESSMENT - THE APPROPRIATE PLAN SHEETS DO NOT INDICATE THE PRESENCE OF A STREAM WITHIN THE PROJECT BOUNDARY OR WITHIN 200 LINEAR FEET OF THE PROJECT BOUNDARY LINE. NO IMPROVEMENTS ARE PROPOSED & NO BUFFER WATERS ARE REQUIRED. NO ADDITIONAL BUFFER DELINEATIONS ARE REQUIRED.
- IMPAIRED STREAMS ASSESSMENT - THE APPROPRIATE PLAN SHEETS INDICATE OUTFALL AREAS THAT FLOW TO, INCLUDING 1 LINEAR MILE UPSTREAM OF ANY IMPAIRED STREAM AS DEFINED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION. COORDINATES USED TO CHECK IMPAIRED ASSESSMENT ARE: 33.946387N / LONG: 83.72828837W. FOR THIS SECTION OF HANBURY CREEK, TMDL WERE COMPLETED IN 2007 FOR BOTH FISH. NO ADDITIONAL BMPs ARE PROPOSED. NO TMDL IMPLEMENTATION PLAN APPLIES.



ES&P PROJECT NOTES (CONTINUED)
CONCRETE TRUCKS WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON-SITE. CONCRETE WASHDOWN TUBS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF VEHICLES WILL ONLY BE ALLOWED IN A DESIGNATED AREA PROVIDED FOR THIS PURPOSE, AS SHOWN ON THE DRAWINGS.

PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE FULLY LINED (OR LEAKS AND SPILLS). THESE INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. LEAKS AND SPILLS SHALL BE IMMEDIATELY REPORTED TO THE SUPERVISOR. TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT CANTONMENT TO PREVENT SPILL CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

PAINTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS. WHEN NOT IN USE, EXCESS PRODUCT WILL BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM PRODUCT. MATERIALS SUCH AS PAINTS AND PRODUCTS CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND REGULATIONS.

FERTILIZER - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CRIP ESTABLISHMENT OF THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOFTOP COVERED CONTAINERS.

BUILDING AND/OR WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER. THE DUMPSTER SHALL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL WASTE AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER SHALL BE EMPLOYED A MINIMUM OF 15 FEET FROM THE EXISTING DRIVEWAY OR ROADWAY. WASTE SHALL BE HAULLED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION DEBRIS SHALL BE STORED ON-SITE.

HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE STORED IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS. THE MANUFACTURER OF SUCH PRODUCTS SHALL BE THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SHALL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL SUBSTANCES WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE SHALL BE OBTAINED IMMEDIATELY UPON RECEIPT OF SUCH PRODUCTS. POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS, AN MSDS SHALL BE POSTED IN A PROMINENT LOCATION. THESE PRODUCTS SHALL BE STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS SHALL BE MAINTAINED IN THE E&P FILE AT THE JOB SITE THROUGHOUT THE PROJECT. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES SHALL BE TRAINED IN THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT. HE/SH/IT IS USING, INCLUDING REGULARLY RECALIBRATED SPOOL CONTROL TECHNIQUES.

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- PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE.
- PRODUCT MIXING, DISPOSAL, OR DISPOSAL OF PRODUCT CONTAINERS SHALL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

SPILL PREVENTION AND CONTROL PRACTICES

- LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND PROCEDURES SHALL BE MADE AVAILABLE TO ON-SITE PERSONNEL.
- MATERIALS AND EQUIPMENT INCLUDING SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO: BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SNAKFOAM AND TEMPORARILY LABELED PLASTIC AND METAL WASTE CONTAINERS.
- SPILL PREVENTION PRACTICES AND PROCEDURES SHALL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
- ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS SHALL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
- FOR SPILLS THAT IMPACT SURFACE WATER (LEAKS, SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NCR) SHALL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NCR) SHALL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
- FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD SHALL BE CONTACTED WITHIN 24 HOURS. FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL SHALL BE CLEANED UP AND LOCAL AGENCIES SHALL BE NOTICED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 650 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL, IF THOSE THRESHOLDS ARE MET.

STORMWATER DISCHARGE PROTECTION PRACTICES
BUILDING MATERIALS - FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETRIORS, SNOWMAY WASTE AND OTHER MATERIALS PRESENT ON THE SITE, PROVIDE COVER (E.G. PLASTIC SHEETING, TEMPORARY ROOFS) TO MINIMIZE THE EXPOSURE OF THESE PRODUCTS TO PRECIPITATION AND TO STORMWATER OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THESE AREAS. MINIMIZATION OF EXPOSURE IS NOT REQUIRED IN CASES WHERE EXPOSURE TO PRECIPITATION AND TO STORMWATER WILL NOT RESULT IN A DISCHARGE OF POLLUTANTS, OR WHERE EXPOSURE OF A SPECIFIC MATERIAL OR PRODUCT POSSES LITTLE RISK TO STORMWATER CONTAMINATION (SUCH AS FINAL PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE).

NON-STORMWATER DISCHARGES - ALL NON-STORM WATER DISCHARGES SHALL BE ROUTED THROUGH ON-SITE BMPs AND THE STORM WATER MANAGEMENT SYSTEMS WHERE POSSIBLE. THESE DISCHARGES INCLUDE FLOODING OF WATER AND FINE LINES, DRAGON WATERS, GROUND WATER, DRAINING OF PITS OR DEPRESSIONS WITHIN THE CONSTRUCTION SITE AND SEWER OFF WATER OF NON-TOXIC MATERIALS.

WASTE MATERIALS - NO WASTE SHALL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE.

SANITARY WASTE - A MINIMUM OF ONE PORTABLE SANITARY UNIT SHALL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS.

ALL SANITARY WASTE UNITS SHALL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGES IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMPs MUST BE IMPLEMENTED, SUCH AS GRAVEL BASS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASIN, TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE (INTERMEDIATE PHASE/PHASE 2) BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

POST DEVELOPMENT DISCHARGE - STORMWATER DISCHARGE FROM THE SITE WILL BE TREATED IN COMPLIANCE WITH THE GEORGIA STORMWATER MANAGEMENT MANUAL.

POST CONSTRUCTION BMPs - MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THESE MEASURES WILL INCLUDE THE INSTALLATION OF AN EXTENDED DETENTION POND DESIGNED IN ACCORDANCE WITH THE GEORGIA STORMWATER MANAGEMENT MANUAL AND BARROW COUNTY'S POST-DEVELOPED LOADING OF THE TOTAL SUSPENDED SOLIDS (TSS) BY AT LEAST 80%. PLEASE SEE THE STORMWATER MANAGEMENT REPORT FOR ADDITIONAL INFORMATION.

CONTRACTOR SCHEDULE

CONTRACTOR SHOULD NOTIFY ENGINEERING REPRESENTATIVE FOR SIGNOFF DEVIATIONS IN CONSTRUCTION SCHEDULING.
ACTUAL START DATE: (TO BE PROVIDED BY CONTRACTOR)

ES&P PHASE	MONTH								WEEK							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
PERMITS SECURED																
INSTALLATION OF CONSTRUCTION EXIT & MAINTAIN																
INSTALL PERIMETER SILT FENCE & MAINTAIN																
INSTALL TREE PROTECTION FENCE & MAINTAIN																
DEMOLITION																
COMPLETE POND CONSTRUCTION																
PRELIMINARY GRADING (AS NEEDED)																
INSTALL GRADING PHASE EROSION CONTROL MEASURES																
CLEARING GRUBBING & SITE GRADING																
CONSTRUCTION OF REMAINING SITE RETAINING WALLS																
FOUNDATION CONSTRUCTION																
INSTALLATION OF UTILITIES (STORM, SWIR, WATER)																
BUILDING CONSTRUCTION																
CURBING AND PAVEMENT INSTALLATION																
FINAL GRUBBING																
FINAL LANDSCAPING																
REMOVE TEMPORARY EROSION CONTROL MEASURES																
REMOVE TREE PROTECTION FENCING																
CONTRACTOR SHALL CONTACT DESIGN REPRESENTATIVE FOR AS-BUILT COORDINATION FOR CO APPROVAL																

THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

ES&P PROJECT NOTES (CONTINUED)
CONTRACTOR SCHEDULE - ALL UTILITY LOCATIONS PRIOR TO DIGGING, INCLUDING GAS, ELECTRICAL AND TELECOMMUNICATION LINES' EXISTING UTILITIES SHOWN ON PLAN ARE APPROXIMATE. ANY DAMAGE TO SUCH UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. W&A ENGINEERING SHALL BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.

DEMOLITION - DEMOLITION SHALL BE CONDUCTED IN ACCORDANCE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DETENTION AND EROSION.

CONTRACTOR INSTALLING AND/OR MONITORING EROSION CONTROL MEASURES SHALL HAVE A VALID GSWCC LICENSE AND CERTIFICATION NUMBER. THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL EROSION CONTROL MEASURES INSTALLED AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR SOIL EROSION AND SEDIMENT CONTROL IN GEORGIA".

OFF-SITE VEHICLE TRACKING OF MUD, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICALLY FEASIBLE. STABILIZED CONSTRUCTION EXIT SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENT. SITE EROSION CONTROL MEASURES FOR CONSTRUCTION EXIT LOCATION AND DETAILS, THE STRIP(S) ADJACENT TO THE SITE EXIT SHALL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT OR ROCK. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARP/BLANKET.

FINAL LANDSCAPING - REMOVE TEMPORARY EROSION CONTROL MEASURES AS SHOWN IN DETAIL ON UNIFORM COORDING SHEET