

COMPREHENSIVE MONITORING PLAN

The project consists of the construction of a 4,918 S.F. Fire Department building and ancillary drives and parking on a 0.69 acre site bounded on the north by the Old Road and on the south by the road and on the west by developed commercial property.

SPILL PREVENTION PLAN

Petroleum products shall be stored in an adequate and impervious containment area and daily inspections shall be made for possible leaks. All spills shall be properly cleaned up and disposed of. Contractors shall maintain pipes and other measures to control spills on site.

MONITORING PLAN

The monitoring plan requires that samples be taken at the outlet of the detention pond. The target turbidity for the basin is 75 NTU (Drainage Area= 14 acres, Site Area=12.8 acres) as defined in Appendix B of Permit No. DAR 100001. The location of the sampling points is shown on the attached drawing, Sheet C-5.

Inspections

a. Permittee requirements.

(1) Each day when any type of construction activity has taken place at a primary permittee's site, certified personnel provided by the primary permittee shall inspect: (a) all areas of the primary permittee's site where petroleum products are stored, used, or handled for spills and leaks from vehicles and equipment and (b) all locations of the primary permittee's site where vehicles enter or exit the site for evidence of off-site sediment tracking.

(2) Measure rainfall once every 24 hours except any non-working Saturday, non-working Sunday and non-working Federal holiday until a Notice of Termination is submitted. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region.

(3) Certified personnel (provided by the primary permittee) shall inspect the following at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater (unless such storm ends after 5:00 PM on any Friday or on any non-working Saturday, non-working Sunday or any non-working Federal holiday in which case the inspection shall be completed by the end of the next business day and/or working day, whichever occurs first):

(a) disturbed areas of the primary permittee's construction site; (b) areas used by the primary permittee for storage of materials that are exposed to precipitation; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s).

(4) Certified personnel (provided by the primary permittee) shall inspect at least once per month during the term of this permit (i.e., until a Notice of Termination is received by EPD) the areas of the site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage system and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s).

(5) Based on the results of each inspection, the site description and the pollution prevention and control measures identified in the Erosion, Sedimentation and Pollution Control Plan, the Plan shall be revised as appropriate not later than seven (7) calendar days following each inspection. Implementation of such changes shall be made as soon as practical but in no case later than seven (7) calendar days following each inspection.

(6) A report of each inspection that includes the name(s) of certified personnel making each inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5), of the permit shall be made and retained at the site or be readily available at a designated alternate location until the entire site or that portion of a construction project that has been phased has undergone final stabilization and a Notice of Termination is submitted to EPD. Such reports shall be readily available by end of the second business day and shall identify all incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where the report does not identify any incidents, the inspection report shall contain a certification that the best management practices are in compliance with the Erosion, Sedimentation and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2. of the permit.

d. Sampling Frequency.

(1) The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying event, the permittee shall sample at the beginning of any storm water discharge to a monitored receiving water and/or from a monitored outfall location within in forty-five (45) minutes or as soon as possible.

(2) However, where manual and automatic sampling are impossible (as defined in this permit), or are beyond the permittee's control, the permittee shall take samples as soon as possible, but in no case more than twelve (12) hours after the beginning of the storm water discharge.

(3) Sampling by the permittee shall occur for the following qualifying events:

(a) For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit after all clearing and grubbing operations have been completed, but prior to completion of mass grading operations, in the drainage area of the sampling location;

(b) In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit either 90 days after the first sampling event or after all mass grading operations have been completed, but prior to submission of a NOT, in the drainage area of the location selected as the sampling location, whichever comes first;

(c) At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours until the selected turbidity standard is attained, or until post-storm event inspections determine that BMPs are properly designed, installed and maintained;

(d) Where sampling pursuant to (a), (b) or (c) above is required but not possible (or not required because there was no discharge), the permittee, in accordance with Part IV.D.4.a.(6), must include a written justification in the inspection report of why sampling was not performed. Providing this justification does not relieve the permittee of any subsequent sampling obligations under (a), (b) or (c) above; and

(e) Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met the sampling required by (a) above shall sample in accordance with (b). Those existing construction activities that have met the sampling required by (b) above shall not be required to conduct additional sampling other than as required by (c) above. Note that the permittee may choose to meet the requirements of (a) and (b) above by collecting turbidity samples from any rain event that reaches or exceeds 0.5 inch and allows for sampling at any time of the day or week.

Retention of Records.

1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI.

a. A copy of all Notices of Intent submitted to EPD;

b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;

c. The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit;

d. A copy of all sampling information, results, and reports required by this permit;

e. A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;

f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit; and

g. Daily rainfall information collected in accordance with Part IV.D.4.a.(2), of this permit.

2. Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) or other reports requested by the EPD, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI. of this permit. These records must be maintained at the permittee's primary place of business or at a designated alternate location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.

April 19, 2018

VERNON ROAD FIRE STATION, CITY OF LAGRANGE, TROUP COUNTY, GEORGIA CERTIFICATION

(1) I certify that the permittee's erosion, sedimentation and pollution control plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and documents "Manual for Erosion and Sediment Control in Georgia" published by the State Soil and Water Conservation Commission of January 1 of the year in which land disturbing activity was permitted. The plan also provides for the sampling of storm water(s) or the sampling of storm water outfalls. The designed system of best management practices and sampling methods is expected to meet the requirements contained in the general NPDES permit.

(2) I certify under penalty of law that this plan was prepared after a site visit to the site and that I am a duly licensed professional engineer or my authorized agent, under my direct supervision and that I will inspect the site within 30 days after construction.

James Stothard, Georgia PE No. 15360 Level II Certified Design Professional, No. 0000029517

April 19, 2018

VERNON ROAD FIRE STATION, CITY OF LAGRANGE, TROUP COUNTY, GEORGIA CERTIFICATION

I certify that the permittee's Comprehensive Monitoring Program provides for the monitoring of the receiving waters or the monitoring of storm water outfalls in accordance with the requirements contained in General NPDES Permit No. 000001.

James Stothard, Georgia PE No. 15360 Level II Certified Design Professional, No. 0000029517

April 19, 2018

VERNON ROAD FIRE STATION, CITY OF LAGRANGE, TROUP COUNTY, GEORGIA CERTIFICATION

I certify that I have consulted the 2008 305(b)(3)(3)(4) List Documents (Final) and have determined that the construction project will not discharge water to an impaired stream segment but does discharge storm water into the water body within the watershed on Long Cone Creek, a DIIA Impaired Stream.

James Stothard, Georgia PE No. 15360 Level II Certified Design Professional, No. 0000029517

2018 CONSTRUCTION SCHEDULE table with columns for months (JAN-DEC) and construction phases (A-I).

CONSTRUCTION SCHEDULE A. CLEARING & GRUBBING B. SEDIMENT CONTROL MEASURES AND INSTALLATION OF SILT FENCE C. ROUGH GRADING OF SITE D. TEMPORARY & PERMANENT VEGETATION OUTSIDE BUILDING AREA E. INSTALLATION OF STORM SEWER & EROSION CONTROL STRUCTURES F. BUILDING CONSTRUCTION G. FINISH GRADING & PAVING H. FINAL VEGETATION & LANDSCAPING

EXISTING LAND USE - OPEN - SHORT GRASS PROPOSED LAND USE - FIRE STATION PRIMARY PERMITTEE: CITY OF LAGRANGE ADDRESS: 201 RIDLEY AVE. CITY & STATE: LAGRANGE, GA 30240 PHONE: 706-883-2063 LOCAL CONTACT RESPONSIBLE FOR 24 HR EROSION & SEDIMENT CONTROL MEASURES NAME: GLEN CONROY PHONE: 706-883-2075

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL

- 1. The area to be disturbed on this project is 0.68 ACRES. 2. 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. 3. Failure to properly install and maintain erosion control practices may result in construction being halted. 4. Erosion control measures will be inspected at least weekly and following rainfall and repaired by contractor. 5. All silt fences shall comply with Georgia Department of Transportation standards and specifications. Contractor shall provide a letter of warranty that materials meet these specifications and that the fabric is on the DOT qualified list (OPL) #36. 6. Temporary or permanent vegetative stabilization shall be provided within 14 days of any land disturbance activity, within 3 working days after receiving such notification. 7. Storm drain systems shall be maintained clean and free of silt and debris. 8. A response to a notification of Non-Compliance or inadequate measures shall be made immediately. 9. Soil series for this project - CUC 10. K-Factor - 0.28, T-Factor - 3, Hydrologic Group - B 11. The site is located on Soil Survey Sheet No. 74 12. Construction begin date is JUNE 2018 13. Construction completion date is JUNE 2019

14. IMPLEMENTATION AND MAINTENANCE: A. IMPLEMENTATION: Notify the Department of Engineering 24 hours prior to commencing work. PHONE: 706-883-2075 1) No clearing, grubbing, mowing or other land disturbing activities shall be permitted until approved erosion and sediment control measures have been installed. These operations need to be installed each morning. 2) The erosion and sediment control measures shall apply to all features on the construction site, including, but not limited to, streets and utility installations. B. MAINTENANCE: 1) All erosion and sediment control measures shall be continuously maintained by the contractor or owner during the construction phase of the development and until completed to eliminate the need for the temporary erosion control measures which shall be removed. 2) To facilitate acceptance of the streets and improvements prior to establishment of each permanent vegetation, the contractor shall be responsible for the cost of maintaining the temporary control measures, including temporary seeding and establishing permanent vegetation until the permanent vegetation is established to the growing season and be provided for the benefit of acceptance. 3) If all implementation and maintenance measures are not provided, the contractor shall be responsible for providing effective erosion control, additional erosion control measures shall be implemented to control or treat the sediment source.

FUEL SPILL CONTAINMENT NOTES: SECONDARY CONTAINMENT UNITS SHALL BE USED ANYWHERE PRIMARY FUEL CONTAINERS ARE STORED. CONTAINMENT UNITS SHALL BE CONSTRUCTED OF MATERIALS THAT ARE CAPABLE OF ADEQUATELY CONTAINING THESE FUELS STORED. MAIN PROVISION OF THE TOTAL VOLUME CAPACITY OF THE LARGEST PRIMARY CONTAINER STORED WITHIN. TO PREVENT THE INGRESS OF RAINWATER INTO THE SECONDARY CONTAINER (WITH A COVER). ANY DRAINAGE VALVES IN THE SECONDARY CONTAINER MUST BE LIQUID TIGHT AND ABLE TO BE LOCKED IN THE CLOSED POSITION. TOTAL CAPACITY OF THE PRIMARY AND SECONDARY CONTAINERS SHALL BE CLEARLY MARKED ON THE CONTAINERS.

IN THE EVENT THAT A FUEL SPILL OCCURS APPROPRIATE ACTION MUST IMMEDIATELY BE TAKEN TO REDUCE THE POSSIBILITY OF LAND OR WATER CONTAMINATION. THE GEORGIA OIL AND HAZARDOUS MATERIAL SPILL OR RESPONSE ACT (O.C.G.A. 12-14-1 ET SEQ.) REQUIRES THAT ALL REPORTABLE SPILLS IN THE STATE OF GEORGIA ARE IMMEDIATELY REPORTED TO THE STATE OPERATIONS CENTER AT 404-656-4300 AND TO THE FEDERAL NATIONAL RESPONSE CENTER (NRC) AT 1-800-424-8802. A FUEL SPILL IS CONSIDERED REPORTABLE IF IT REACHES THE WATERS OF THE STATE AND CAUSES A SHEEN. APPROPRIATE SPILL RESPONSE EQUIPMENT MUST BE AVAILABLE ON-SITE AT ALL TIMES. CLEAN UP AND REMEDIATION OF ANY CONTAMINATION RESULTING FROM A SPILL IS THE RESPONSIBILITY OF THE GENERATOR OF THE WASTE. IN THE EVENT OF A SPILL ON UNPAVED GROUND, THE CONTAMINATED SOIL SHALL BE IMMEDIATELY EXCAVATED TO A DEPTH WHERE THE SOIL APPEARS VISUALLY CLEAN. CONTAMINATED SOIL SHOULD THEN BE PLACED INTO AN ADEQUATELY SEALED AND SECURED CONTAINER. IN THE EVENT OF A SPILL ONTO A PAVED SURFACE, IMMEDIATELY CONTAIN THE SPILL. AFTER CONTAINED, ANY CONTAINED BULK MATERIAL SHALL BE COLLECTED AND PLACED IN A SECURE CONTAINER FOR LATER DISPOSAL. POWER WASHING MAY BE NEEDED TO REMOVE RESIDUES FROM PAVED OR OTHER HARD SURFACES. IT IS ILLEGAL TO DISPOSE OF ANY WASTE OF POLLUTANTS IN THE STORM SEWER SYSTEM.

EROSION CONTROL CERTIFICATION

(1) I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH LAND DISTURBING ACTIVITY WAS PERMITTED. THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF STORM WATER OUTFALLS. THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT.

(2) I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

James Stothard, Georgia PE No. 15360 Level II Certified Design Professional, No. 0000029517

- 1/ APPLY IN SPRING FOLLOWING SEEDING 2/ APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED 3/ APPLY IN THREE SPLIT APPLICATIONS 4/ APPLY WHEN PLANTS ARE PRUNED 5/ APPLY TO GRASS SPECIES ONLY 6/ APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES

PERMANENT GRASSING SPECIFICATIONS

MARCH 1 TO JUNE 30 BERMUDA, COMMON (HULLED) - 10 LBS/AC OR APRIL 1 TO JUNE 30 CENTIPEDE - BLOCK SOD ONLY

TEMPORARY SEEDING SPECIFICATIONS

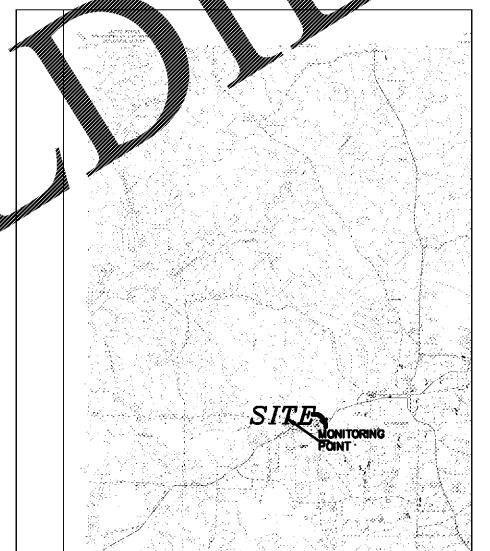
AUGUST 1 TO APRIL 15 RYEGRASS, ANNUAL - 40 LBS/AC OR AUGUST 15 TO DECEMBER 30 RYE - 3 BU/AC

OR APRIL 15 TO AUGUST 31 MILLET, PEARL - 50 LBS/AC

Table with columns: SPECIES, YEAR, ANALYSIS OR EQUIVALENT, RATE, N TOP DRESSING RATE. Rows include COOL SEASON GRASSES, WARM SEASON GRASSES, PINE SEEDLINGS, etc.

LIME RATES

AGRICULTURAL LIME IS REQUIRED AT THE RATE OF ONE TO TWO TONS PER ACR UNLESS SOIL TESTS INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERENNIAL PERENNIAL VEGETATION, ADDITIONAL LIME IS REQUIRED. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE.



ENGINEER'S STAMP: GEORGIA REGISTERED PROFESSIONAL ENGINEER JAMES STOTHARD. SIGNATURE REQUIRED. SMITH DESIGN GROUP, INC. 808 WEST HANCOCK STREET LAGRANGE, GEORGIA 30240 706-883-2011 www.SDGarch.net. STOTHARD ENGINEERING, INC. 1008 COLQUITT ST. LAGRANGE, GA 30241 PH: 706 884-5279 email: stothard@stothard-engineering.com

REVISIONS table with columns: DATE, DESCRIPTION. The table is currently empty.

PROJECT: VERNON ROAD FIRE STATION VERNON ROAD LAGRANGE, GEORGIA

INDEX SHEET

MODIFIED DATE: 20 APRIL 2018 JOB NO: 1731 SHEET: C-16