

VSMP STORMWATER POLLUTION PREVENTION PLAN AND CONTRACTOR REQUIREMENTS

\* THE SUBJECT DEVELOPMENT WILL REQUIRE 24.35 ACRES OF DISTURBED AREA, OF WHICH 14.75 ACRES ARE CURRENTLY WITHIN THE LIMITS OF EXISTING LAND-DISTURBING PERMITS. IT IS ESTIMATED BY THE DESIGN ENGINEER THAT THE EARTHWORK FOR THIS DEVELOPMENT WILL REQUIRE APPROXIMATELY 160,000 C.Y. OF MATERIAL TO BE MANUEVERED WITHIN THE SITE TO PREPARE THE SUBDIVISION TO THE SLOPES AND GRADES INDICATED. THE GENERAL CONTRACTOR SHALL PROVIDE PERMIT INFORMATION FROM THE APPROVING AUTHORITY FOR ANY POTENTIAL OFF-SITE DEPOSITION SITE(S).

\* TO OUR KNOWLEDGE, THERE HAVE BEEN NO QUANTITATIVE TESTS PERFORMED TO DETERMINE THE QUALITY OF PRE-DEVELOPMENT SITE RUNOFF.

\* AS THIS DEVELOPMENT IS SUBDIVISION PLAN CONSISTING OF RAW LAND GRADING, ROADWAY CONSTRUCTION AND UNDERGROUND UTILITY PIPING, THERE ARE FEW POSSIBLE CONTAMINANTS THAT COULD CONTRIBUTE TO POLLUTION OF THE ADJOINING AREAS AND WATERWAYS. THE ONE ITEM THAT IS SPECIFICALLY ADDRESSED WITHIN THESE PLANS IS THE POSSIBLE STORAGE OF A FUEL TANK OR FUEL TRUCK FOR CLEARING AND EARTHWORK OPERATIONS EQUIPMENT. IT IS ANTICIPATED THAT EQUIPMENT WILL BE FUELED VIA A DELIVERY TRUCK IN LIEU OF AN ON-SITE TANK, BUT PROVISIONS HAVE BEEN MADE HEREIN TO PROVIDE SPILL PROTECTIONS IN THE EVENT THAT THE CONTRACTOR CHOOSES TO KEEP A TANK OR TRUCK ON-SITE. THE SEEDING AND FERTILIZATION OF DISTURBED AREAS IS TO BE PERFORMED BY THE SITEWORK AND LANDSCAPING CONTRACTORS, AND NO ON-SITE STORAGE OF SEEDING OR FERTILIZING MATERIALS WILL OCCUR. SEEDING, FERTILIZER, AND/OR SODDING MATERIALS WILL BE BROUGHT ONTO THE SITE ONLY IN QUANTITIES THAT WILL BE USED IMMEDIATELY. ALL SANITARY WASTE WILL BE DIRECTLY CONTAINED (PORTABLE UNIT DURING CONSTRUCTION, PUBLIC SANITARY SEWER FOLLOWING CONSTRUCTION), AND NO POTENTIAL POLLUTANTS ARE ANTICIPATED.

\* THE OFF-SITE RECEIVING CHANNELS ARE DRAINAGE SWALES THAT DISCHARGE EITHER TO A TEMPORARY SEDIMENT BASIN OR TO AN EXISTING SEDEIMENT BASIN/SWM FACILITY TO THE OWNERS AND ENGINEER'S KNOWLEDGE, THERE ARE CURRENTLY NO DESIGNATED WETLANDS OR SURFACE WATERS LOCATED WITHIN THE AREA TO BE PERMITTED.

\* DUE TO THE PROXIMITY OF THE SITE TO THE GENERAL CONTRACTORS OFFICE/SHOPS AND DUE TO THE SITE BEING LOCATED WITHIN THE LIMITS OF THE COUNTY OF ROANOKE (ALONG MAJOR ROADWAYS) AN ON-SITE FUEL STORAGE FACILITY FOR THE EARTHWORK EQUIPMENT IS NOT CURRENTLY PROPOSED.

\* THERE ARE NO OTHER DISCHARGES ASSOCIATED WITH THIS PROJECT THAT ARE CONSIDERED A NON-CONSTRUCTION ACTIVITY.

\* THE GENERAL CONTRACTOR IS REQUIRED TO COMPLETE AND INITIAL THE FOLLOWING RECORD OF LAND DISTURBING ACTIVITIES:

DATE OF NOTICE TO PROCEED WITH SITEWORK: \_\_\_\_\_ INITIALED BY: \_\_\_\_\_  
DATES OF CLEARING AND GRUBBING OPERATIONS: FROM \_\_\_\_\_ TO \_\_\_\_\_ INITIALED BY: \_\_\_\_\_  
DATE OF INSTALLATION OF PERIMETER CONTROLS: \_\_\_\_\_ INITIALED BY: \_\_\_\_\_  
DATES OF EARTHWORK OPERATIONS: FROM \_\_\_\_\_ TO \_\_\_\_\_ INITIALED BY: \_\_\_\_\_  
INSTALLATION OF PERMANENT STABILIZATION COMMENCED ON: \_\_\_\_\_  
INSTALLATION OF PERMANENT STABILIZATION COMPLETED: \_\_\_\_\_

THE GENERAL CONTRACTOR IS FURTHER REQUIRED TO KEEP A LOG OF DATES OF TEMPORARY OR PERMANENT DELAYS ASSOCIATED WITH LAND DISTURBING ACTIVITIES, AND TEMPORARY AND PERMANENT STABILIZATION MEASURES FOR AREAS CONTAINED WITHIN THE SITE.

\* IF CONTROLS OR POLLUTANT PREVENTION AREAS ARE FOUND TO BE IN NEED OF REPAIR OR MODIFICATION, THE GENERAL CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES OR MODIFICATIONS TO EXISTING MEASURES AS REQUIRED. ANY ADDITIONAL MEASURES OR MODIFICATIONS TO EXISTING MEASURES SHALL BE RECORDED AS FIELD REVISIONS TO THESE PLANS. IN THE EVENT THAT ADDITIONAL CONTROLS ARE FOUND TO BE REQUIRED, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THESE CONTROLS BEFORE THE NEXT ANTICIPATED STORM EVENT. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICAL, THEY SHALL BE IMPLEMENTED AS SOON AS PRACTICAL. A REPORT SUMMARIZING THE SCOPE OF INSPECTIONS, NAME OF INSPECTOR, INSPECTOR'S QUALIFICATIONS, DATES OF INSPECTIONS, MAJOR OBSERVATIONS PERTAINING TO THE IMPLEMENTATION OF THESE POLLUTION CONTROL PLANS, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS A PART OF THESE POLLUTION CONTROL PLANS. MAJOR OBSERVATIONS OF THESE REPORTS SHALL INCLUDE: THE LOCATIONS OF EXCESSIVE SEDIMENTATION OR OTHER POLLUTANTS FROM THE SITE; LOCATIONS OF CONTROLS IN NEED OF REPAIR; LOCATIONS OF FAILED OR INADEQUATE CONTROLS; AND LOCATIONS WHERE ADDITIONAL CONTROLS ARE NEEDED. WHERE A REPORT DOES NOT IDENTIFY ANY INCIDENTS OF NONCOMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN CONFORMANCE WITH THE STORM WATER POLLUTION CONTROL PLAN AND PERMIT. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH THE PERMIT REGULATION.

\* NOTICE TO CONTRACTORS  
THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR IMPLEMENTING OR OVERSEEING THE IMPLEMENTATION OF ALL CONTROLS REQUIRED HEREIN. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO REGULATE THE ACTIVITIES OF ALL SUBCONTRACTORS ON THE SITE, TO INSURE COMPLIANCE WITH THE REQUIREMENTS AND IMPLEMENTATION OF CONTROLS REQUIRED HEREIN. PRIOR TO PERFORMING ANY WORK ON THE SUBJECT SITE, THE GENERAL CONTRACTOR SHALL COMPLETE THE FOLLOWING CERTIFICATION. THE GENERAL CONTRACTOR MAY, AT HIS OPTION, REQUIRE SUBCONTRACTORS ASSOCIATED WITH IMPLEMENTATION OF CONTROLS REQUIRED HEREIN TO PROVIDE SIMILAR CERTIFICATIONS, WHICH WILL BECOME A PART OF THESE POLLUTION CONTROL PLANS.

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THIS VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES) GENERAL PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITY IDENTIFIED AS PART OF THIS CERTIFICATION".

Signed \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_ Title \_\_\_\_\_  
General Contractor Firm Name \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone Number \_\_\_\_\_  
Site Location \_\_\_\_\_

CONSTRUCTION SEQUENCING

FOLLOWING ISSUANCE OF A LAND DISTURBING PERMIT FROM ROANOKE COUNTY, THE CONTRACTOR SHALL PERFORM HIS SITEWORK IN GENERAL CONFORMANCE WITH THE FOLLOWING:

INSTALL NEW CONSTRUCTION ENTRANCE, COMPLETE WITH WASH RACK OR OTHER PERTINENT MEASURES.

PROVIDE AND INSTALL PERIMETER CONTROLS SUCH AS THE INSTALLATION OF SILT FENCE BARRIERS AND DIVERSION DIKES, CLEAR AND GRUB THE AREA REQUIRED TO CONSTRUCT THE TEMPORARY SEDIMENT TRAPS/BARRIERS. INSTALL THE NEW SOIL EROSION AND SEDIMENT CONTROL MEASURES, IMMEDIATELY CONSTRUCT AND STABILIZE THE AREAS DISTURBED BY CONSTRUCTION OF SEDIMENT TRAPPING MEASURES. SEE PLAN FOR APPLICABILITY OF REFERENCED MEASURES. TEMPORARY DIVERSIONS WILL BE REQUIRED AS EARTHWORK PROGRESSES TO DIRECT RUNOFF TO THE PROTECTED AREAS OF SEDIMENT COLLECTION.

STRIP AND STOCKPILE TOPSOIL WHERE APPLICABLE. ALL TOPSOIL SHALL BE STOCKPILED ON-SITE. PERIMETER SILT FENCE BARRIER OR OTHER APPROVED PERIMETER CONTROLS SHALL PROTECT STOCKPILES FROM EROSION AND OFF-SITE SEDIMENTATION. THE CONTRACTOR SHALL PROVIDE TEMPORARY SEEDING OF STOCKPILED MATERIALS IN ACCORDANCE WITH THESE PLANS.

PERFORM CUT AND FILL OPERATIONS IN CONJUNCTION WITH GRADING OF THE SITE.

ALL DISTURBED AREAS NOT TO RECEIVE CONSTRUCTION ROAD STABILIZATION SHALL BE SEEDED (TEMPORARY, PERMANENT, OR BOTH), FERTILIZED, LIMED, MULCHED, AND WATERED IN ACCORDANCE WITH THESE PLANS.

THE SITEWORK CONTRACTOR SHALL CLEAN, REPAIR, OR OTHERWISE MAINTAIN CONTROL MEASURES THROUGHOUT THE CONSTRUCTION.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.

ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE- CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

ES-5: PRIOR TO ISSUANCE OF A LAND DISTURBANCE PERMIT BY ROANOKE COUNTY, THE OWNER SHALL PROVIDE DOCUMENTATION OF AN EXISTING LAND DISTURBING PERMIT(S) THAT WOULD BE ASSOCIATED OR REQUIRED FOR ANY OFF-SITE BORROW OR WASTE AREAS; WHETHER LOCATED WITHIN THE COUNTY LIMITS OR NOT.

ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.

ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

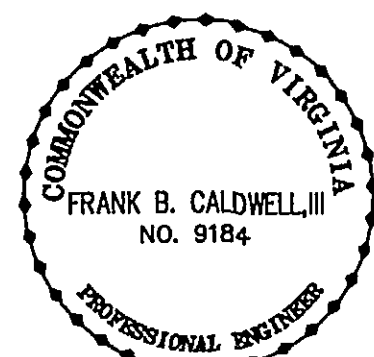
ES-8: DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

ES-9: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUN-OFF PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

MINIMUM STANDARDS:

THE FOLLOWING STANDARDS ARE TO BE PROVIDED OR ADDRESSED ON EVERY DEVELOPMENT PROJECT EXCEEDING 5000 S.F. IN AREA OF DISTURBANCE. THESE STANDARDS ARE CONSIDERED A MINIMUM AND MAY REQUIRE ADDITIONAL MEASURES AS DEEMED NECESSARY BY THE LOCAL APPROVING AUTHORITY OR THE CONSULTING ENGINEER.

No.	CRITERIA, TECHNIQUE OR METHOD	REMARKS
1	PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN THIRTY (30) DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE (1) YEAR.	SELF EXPLANATORY -- REFER TO THE SEEDING SPECIFICATIONS ON THE EROSION CONTROL DETAIL SHEET.
2	DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.	SELF EXPLANATORY -- THE SITE IS BASICALLY UNDER A PRE-GRADING CONTRACT AT THIS TIME AND A TOPSOIL STOCKPILE (EXISTING) HAS BEEN INDICATED ON THE PLANS
3	A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT, IN THE OPINION OF THE LOCAL PROGRAM ADMINISTRATOR OR DESIGNATED AGENT, IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.	SELF EXPLANATORY -- REFER TO THE SEEDING SPECIFICATIONS ON THE EROSION CONTROL DETAIL SHEET.
4	SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.	THERE ARE TWO MAJOR SEDIMENT BASINS PROPOSED WITHIN THE DEVELOPMENT TO CONTROL EROSION. AN EXISTING SEDIMENT BASIN IS ALSO LOCATED NEAR THE EASTERN PORTION OF RUSSLER FARMS TO HELP CONTROL SEDIMENT RUN-OFF.
5	STABILIZATION METHODS SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.	SELF EXPLANATORY
6	SEDIMENT TRAPS AND BASINS SHALL BE DESIGNED AND CONSTRUCTED BASED UPON THE TOTAL DRAINAGE AREA TO BE SERVED BY THE TRAP OR BASIN.	SELF EXPLANATORY -- REFER TO THE CONSTRUCTION PROJECTS APPROVED ENGINEERING CALCULATIONS.
7	CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SLOPES THAT ARE FOUND TO BE ERODING EXCESSIVELY WITHIN ONE (1) YEAR OF PERMANENT STABILIZATION SHALL BE PROVIDED WITH ADDITIONAL SLOPE STABILIZATION MEASURES UNTIL THE PROBLEM IS CORRECTED.	SELF EXPLANATORY
8	CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME OR SLOPE DRAIN STRUCTURE.	SELF EXPLANATORY
9	WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.	SHOULD SEEPS OCCUR IN ANY EXISTING OR NEW CUT OR FILL SLOPE, THE CONTRACTOR SHALL FIRST INSURE THAT THERE ARE NOT AREAS OF PONDED WATER AT THE TOPS OF THE SLOPES, AND THEN SHALL CONTACT BOTH THE DESIGN ENGINEER AND THE PROJECT GEOTECHNICAL ENGINEER FOR ON-SITE EVALUATION OF THE AREAS OF SEEPAGE.
10	ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.	SELF EXPLANATORY
11	BEFORE NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.	SELF EXPLANATORY
12	WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NONERODIBLE COVER MATERIALS.	NOT APPLICABLE -- THERE IS NO WORK PROPOSED WITHIN THE LIMITS OF THE EXISTING PERENNIAL STREAM IDENTIFIED ON THE PLANS.
13	WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES MORE THAN TWICE IN ANY SIX (6) MONTH PERIOD, A TEMPORARY STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL.	NOT APPLICABLE -- THERE IS NO WORK PROPOSED WITHIN THE LIMITS OF THE EXISTING PERENNIAL STREAM IDENTIFIED ON THE PLANS.
14	ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET. THE BEDS AND BANKS OF ANY WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.	NOT APPLICABLE -- THERE IS NO WORK PROPOSED WITHIN THE LIMITS OF THE EXISTING PERENNIAL STREAM IDENTIFIED ON THE PLANS.
15	THE BEDS AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.	NOT APPLICABLE -- THERE IS NO WORK PROPOSED WITHIN THE LIMITS OF THE EXISTING PERENNIAL STREAM IDENTIFIED ON THE PLANS.
16	UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA: 1)NO MORE THAN 500 LINEAR FEET OF ANY TRENCH MAY BE OPENED AT ONE TIME. 2)EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES. 3)EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY. 4)MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION. 5)RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS. 6)APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.	SELF EXPLANATORY
17	WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED OR PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE, THE ROAD SURFACE SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.	SELF EXPLANATORY
18	ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL PROGRAM ADMINISTRATOR. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.	SELF EXPLANATORY
19	PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY AND PEAK FLOW RATE OF STORMWATER RUNOFF FOR THE STATED FREQUENCY STORM OF 24-HOUR DURATION IN ACCORDANCE WITH THE APPLICABLE CRITERIA.	THERE IS AN EXISTING SWM FACILITY LOCATED EAST OF THIS PROJECT THAT WAS DESIGNED, APPROVED AND CONSTRUCTED TO HANDLE THE RUN-OFF FROM THIS DEVELOPMENT.



Drawn: \_\_\_\_\_ J.V. Judy  
Checked: \_\_\_\_\_ F.B. Caldwell  
Revised: \_\_\_\_\_ 03/28/06  
Scale: \_\_\_\_\_ N/A  
Tax Parcel: \_\_\_\_\_ 56.03-2-37/43.1  
Field Book: \_\_\_\_\_ Russlen Farms

EROSION & SEDIMENT CONTROL NOTES  
**FOXFIELD at  
RUSSLER FARMS**  
SECTION 4  
SITUATE MILLWOOD DRIVE AND MILLWHEEL DRIVE  
CATAWBA MAGISTERIAL DISTRICT  
ROANOKE COUNTY, VIRGINIA

**CWA**  
**CALDWELL WHITE ASSOCIATES**  
ENGINEERS / SURVEYORS / PLANNERS  
4805 MELROSE AVENUE, N.W.  
PO BOX 6260  
ROANOKE, VIRGINIA 24017  
Telephone: (844) 886-8400 • Fax: (844) 886-8782  
EMAIL: CWA@ROANOKEVA.AOL.COM