

<div>EROSION CONTROL NARRATIVE:</div> <div>PROJECT DESCRIPTION</div> <p>THE PROJECT CONSISTS OF WATERLINE INSTALLATIONS ALONG BOOKER T WASHINGTON HIGHWAY (ROUTE 122), BURNT CHIMNEY ROAD (ROUTE 670) AND WITHIN THE EVERGREEN SUBDIVISION LOCATED IN FRANKLIN COUNTY, VIRGINIA. PORTIONS OF THE PROJECT WITHIN THE SUBDIVISION INCLUDE INSTALLATION ALONG EVERGREEN ROAD AND STONYBROOK ROAD. PROPOSED LAND-DISTURBING ACTIVITIES WILL SIMPLY CONSIST OF THE EARTHWORK OPERATIONS ASSOCIATED WITH INSTALLING APPROXIMATELY 35,000 LINEAR FEET OF 12" WATER LINE WITHIN THE RIGHT-OF-WAY ALONG ROUTE 122, 1200 LINEAR FEET OF 12 WATERLINE WITHIN THE RIGHT OF WAY ALONG RT. 116 AND APPROXIMATELY 5,300 LINEAR FEET OF 12" WATERLINE WILL BE INSTALLED ALONG ROUTE 670. WITHIN THE SUBDIVISION, APPROXIMATELY 600 LINEAR FEET OF 8" WILL BE INSTALLED ALONG EVERGREEN ROAD AND 2,810 LINEAR FEET OF 8" WATERLINE WILL BE INSTALLED ALONG STONYBROOK ROAD. EASEMENTS WILL BE REQUIRED AT SOME LOCATIONS. IT IS ANTICIPATED THAT THE PROJECT WILL DISTURB APPROXIMATELY 300,000 SQUARE FEET (6.90 ACRES) OF LAND.</p> <p>THE SCOPE OF WORK WILL CONSIST OF DIGGING TRENCHES AND INSTALLING NEW WATER PIPE AND APPURTENANCES.</p> <p>WITH THE INSTALLATION OF A WATERLINE PLANNED, THE EROSION AND SEDIMENT CONTROL MEASURES NEEDED TO FACILITATE THE CONSTRUCTION PROCESS ARE IDENTIFIED IN THIS REPORT AND ILLUSTRATED ON THE PLANS. THE COMBINED DOCUMENTS IDENTIFY THE MEASURES PROPOSED FOR THE INSTALLATION AND MAINTENANCE OF THE EROSION AND SEDIMENT CONTROL (E&amp;S) COMPONENTS OF THIS LINEAR (UTILITY LINE) PROJECT. ONCE THE WATERLINES ARE INSTALLED ALONG THE SHOULDER OF EACH ROAD, THE DISTURBED SHOULDER WILL BE IMMEDIATELY SEEDED AND RETURNED TO ITS CURRENT VEGETATIVE STATE. SIMILARLY, AREAS CURRENTLY COVERED WITH ASPHALT AND CONCRETE SURFACES WILL BE RESTORED TO THEIR ORIGINAL CONDITION AS WELL.</p> <div>EXISTING SITE CONDITIONS</div> <p>THE AREA IS RURAL IN NATURE AND THE MAJORITY OF THE WORK WILL BE PERFORMED ALONG THE ROAD SHOULDER WITHIN 15 FEET OF THE EDGE OF PAVEMENT. THE TOPOGRAPHY ONSITE IS GENTLE (2%) TO STEEP GRADES (40%) ALONG THE WATERLINE'S ALIGNMENT. SINCE THE PROJECT LIES ALONG MULTIPLE ROADWAYS WITHIN THE BURNT CHIMNEY AREA, THE GROUND COVER ALONG THE PROPOSED ALIGNMENT VARIES CONSIDERABLY. GRASSED COVERED AREAS, GRAVEL DRIVEWAYS, CONCRETE DRIVEWAYS, ASPHALT ROADWAYS, AND GRAVEL PARKING LOTS ARE PRESENT ALONG THE WATERLINE'S ALIGNMENT.</p> <div>ADJACENT AREAS</div> <p>THE WATERLINE WILL BE CONSTRUCTED WITHIN THE RIGHT OF WAY OF ROADWAYS THAT ARE ADJACENT TO BOTH RESIDENTIAL AND COMMERCIAL AREAS. RESIDENCES, BUSINESSES AND INSTITUTIONAL PROPERTY BORDER THE PROJECT.</p> <div>OFFSITE AREAS</div> <p>AT THIS TIME, DUE TO THE LINEAR NATURE OF THE PROJECT (UTILITY LINE INSTALLATION), IT IS NOT ANTICIPATED THAT OFFSITE AREAS WILL BE DISTURBED DURING CONSTRUCTION. IF IT IS LATER DETERMINED, DURING CONSTRUCTION, THAT OFFSITE AREAS ARE TO BE DISTURBED FOR ANY REASON, THE AREAS SHALL BE PROPERLY PERMITTED BY THE LOCAL GOVERNING JURISDICTION (COUNTY OF FRANKLIN) AND DCR. THE OFFSITE AREAS SHALL HAVE APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES DESIGNED AND INSTALLED, TO PREVENT SILT-LADEN RUNOFF FROM BEING TRANSPORTED FROM THE SITES.</p> <p>THE OWNER AND/OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING AN <u>APPROVED/PERMITTED</u> EROSION CONTROL PLAN FOR ANY EARTHWORK PERFORMED OUTSIDE OF THOSE AREAS IDENTIFIED ON THE APPROVED UTILITY PLAN. THE PLAN SHALL INCLUDE ANY MEASURES REQUIRED TO MEET THE APPLICABLE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS MINIMUM STANDARDS RELATING TO THE RESPECTIVE WORK.</p> <p>STABILIZATION SHALL BE ACHIEVED WITH TEMPORARY AND PERMANENT SEEDING, RESPECTIVELY. TEMPORARY SEEDING SHALL BE DONE ACCORDING TO STANDARD AND SPECIFICATION 3.31, TEMPORARY SEEDING, OF THE <u>VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK</u>. PERMANENT SEEDING SHALL BE DONE ACCORDING TO STANDARD AND SPECIFICATION 3.32, PERMANENT SEEDING, OF THE <u>VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK</u>. ALL SEEDING MIXTURES WILL BE IN ACCORDANCE WITH <u>VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK</u>.</p> <div>CRITICAL AREAS</div> <p>THE CRITICAL AREAS ASSOCIATED WITH THIS PROJECT WILL CENTER ON EXISTING STORM DRAINAGE STRUCTURES, RECEIVING CHANNELS AND PAVED SURFACES (ROADWAYS &amp; DRIVEWAYS). THE CONTRACTOR SHALL MAINTAIN CULVERT INLET PROTECTION, STORM DRAIN INLET PROTECTION AND ANY OTHER TEMPORARY EROSION CONTROL MEASURES NEEDED TO CONTROL EROSION, AND PROTECT STORM DRAINAGE STRUCTURES AND DOWNSTREAM RECEIVING CHANNELS FROM SILT-LADEN RUNOFF AND SCOUR/EROSION UNTIL ALL SURFACES WITHIN THE PROJECT SITE ARE PERMANENTLY STABILIZED. DUE TO THE CLOSE PROXIMITY OF PAVED SURFACES TO THE PROJECT, THE CONTRACTOR SHALL ROUTINELY INSPECT AND CLEAN NEARBY PAVED SURFACES OF SOIL AND OTHER DEBRIS DEPOSITED AS A RESULT OF THIS CONSTRUCTION PROJECT.</p> <div>SOILS</div> <p>SOILS INFORMATION FOR THIS PROJECT WAS OBTAINED THROUGH THE UNITED STATES DEPARTMENT OF AGRICULTURE (USDA) NATURAL RESOURCES CONSERVATION SERVICE (NRCS) ONLINE DATABASE. THE SOIL TYPES WITHIN THE PROJECT AREA ARE AS FOLLOWS:</p> <p><u>CLIFFORD FINE SANDY LOAM:</u></p> <p>DRAINAGE CLASS: WELL DRAINED CAPACITY: MODERATE TO HIGH DEPTH: MORE THAN 80 INCHES <u>7B — CLIFFORD FINE SANDY LOAM, 2 TO 8 PERCENT SLOPES</u> 0 TO 7 INCHES: FINE SANDY LOAM 7 TO 54 INCHES: CLAY LOAM 54 TO 62 INCHES: CLAY LOAM 62 TO 82 INCHES: FINE SANDY LOAM</p>	<div>EROSION CONTROL NARRATIVE (CONT):</div> <p><u>7C — CLIFFORD FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES</u> 0 TO 7 INCHES: FINE SANDY LOAM 7 TO 54 INCHES: CLAY LOAM 54 TO 62 INCHES: CLAY LOAM 62 TO 82 INCHES: FINE SANDY LOAM</p> <p><u>7D — CLIFFORD FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES</u> 0 TO 7 INCHES: FINE SANDY LOAM 7 TO 54 INCHES: CLAY LOAM 54 TO 62 INCHES: CLAY LOAM 62 TO 82 INCHES: FINE SANDY LOAM</p> <div>CLIFFORD HICKORYKNOB COMPLEX:</div> <p>DRAINAGE CLASS: WELL DRAINED CAPACITY: MODERATE DEPTH: MORE THAN 80 INCHES <u>8E — CLIFFORD HICKORYKNOB COMPLEX, 25 TO 45 PERCENT SLOPES</u> 0 TO 7 INCHES: FINE SANDY LOAM 7 TO 54 INCHES: CLAY LOAM 54 TO 62 INCHES: CLAY LOAM 62 TO 82 INCHES: FINE SANDY LOAM</p> <div>COMUS MAGGODEE ELSINBORO:</div> <p>DRAINAGE CLASS: WELL DRAINED CAPACITY: HIGH DEPTH: MORE THAN 80 INCHES <u>11A — COMUS MAGGODEE ELSINBORO, 0 TO 4 PERCENT SLOPES</u> 0 TO 7 INCHES: FINE SANDY LOAM 7 TO 54 INCHES: FINE SANDY LOAM 54 TO 62 INCHES: LOAMY SAND</p> <div>LOT1A MAGGODEE COLESCREEK COMPLEX:</div> <p>DRAINAGE CLASS: SOMEWHAT POORLY DRAINED CAPACITY: MODERATE DEPTH: MORE THAN 80 INCHES <u>23A — LOT1A MAGGODEE COLESCREEK COMPLEX, 0 TO 4 PERCENT SLOPES</u> 0 TO 3 INCHES: SANDY LOAM 3 TO 31 INCHES: FINE SANDY LOAM 31 TO 43 INCHES: SANDY LOAM 43 TO 82 INCHES: EXTREMELY COBBLY LOAMY SAND</p> <div>WINTERGREEN LOAM:</div> <p>DRAINAGE CLASS: WELL DRAINED CAPACITY: HIGH DEPTH: MORE THAN 80 INCHES <u>39B — WINTERGREEN LOAM, 2 TO 8 PERCENT SLOPES</u> 0 TO 9 INCHES: LOAM 9 TO 80 INCHES: CLAY LOAM</p> <p><u>39C — WINTERGREEN LOAM, 8 TO 15 PERCENT SLOPES</u> 0 TO 9 INCHES: LOAM 9 TO 80 INCHES: CLAY LOAM</p> <div>EROSION AND SEDIMENT CONTROL MEASURES</div> <p>THE FOLLOWING MEASURES WILL BE USED TO CONTROL EROSION AND SEDIMENT-LADEN RUNOFF ON THIS PROJECT. SEE THE EROSION &amp; SEDIMENT CONTROL PLAN FOR THE LOCATIONS OF SPECIFIC EROSION CONTROL MEASURES.</p> <ol style="list-style-type: none"><li><u>SILT FENCE:</u> WILL BE USED TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT FROM DISTURBED AREAS DURING CONSTRUCTION OPERATIONS AND TO PREVENT SEDIMENT FROM LEAVING THE SITE. (VESCH STANDARD AND SPEC. 3.05)</li><li><u>INLET PROTECTION:</u> WILL BE USED TO PREVENT SEDIMENT FROM ENTERING THE INLET PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. (VESCH STANDARD AND SPEC. 3.07)</li><li><u>CULVERT INLET PROTECTION:</u> WILL BE USED TO PREVENT SEDIMENT FROM ENTERING THE CULVERT PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. (VESCH STANDARD AND SPEC. 3.08)</li><li><u>UTILITY STREAM CROSSING:</u> WILL BE USED TO PREVENT SEDIMENT FROM ENTERING THE STREAM DURING INSTALLATION OF THE UTILITY LINE. (VESCH STANDARD AND SPEC. 3.25)</li><li><u>PERMANENT SEEDING:</u> WILL BE USED TO ESTABLISH VEGETATIVE COVER AND TO REDUCE SILT RUNOFF FOR ANY AREAS NOT PAVED OR ROOFED. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR. (VESCH STANDARD AND SPEC. 3.32)</li><li><u>MULCHING:</u> WILL BE APPLIED TO SEEDED AREAS TO REDUCE EROSION FROM RAINDROP IMPACT AND REDUCING OVERLAND FLOW. (VESCH STANDARD AND SPEC. 3.35)</li></ol>	<div>EROSION CONTROL NARRATIVE (CONT):</div> <div>PERMANENT STABILIZATION</div> <p>ALL AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY IMPERVIOUS SURFACES SHALL BE STABILIZED WITHIN SEVEN DAYS AFTER REACHING FINISHED GRADE. STABILIZATION SHALL BE ACHIEVED WITH PERMANENT SEEDING. SEEDING SHALL BE DONE ACCORDING TO STANDARD AND SPECIFICATION 3.32, PERMANENT SEEDING, OF THE <u>VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK</u>. IN ALL SEEDING OPERATIONS, SEED, FERTILIZER, AND LIME WILL BE APPLIED PRIOR TO MULCHING. ANY SLOPE PERSISTING IN ERODING SHALL BE REPAIRED, RESEEDED, AND SHALL HAVE EROSION CONTROL MATS INSTALLED.</p> <p>IN ADDITION, ANY DISTURBED AREA THAT IS TO REMAIN DORMANT FOR MORE THAN 30 DAYS PRIOR TO ESTABLISHING FINAL GRADE MUST BE TEMPORARILY STABILIZED. STABILIZATION WILL BE ACCOMPLISHED ACCORDING TO STANDARD AND SPECIFICATION 3.31, TEMPORARY SEEDING, OF THE <u>VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK</u>.</p> <p><u>VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS MINIMUM STANDARD #1</u> STATES THAT PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN 7 DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR."</p> <div>ADDITIONAL DISCUSSION OF MINIMUM STANDARD 19</div> <p>MINIMUM STANDARD 19 (MS-19) STATES THAT "PROPERTIES AND WATERWAYS DOWNSTREAM OF THE SITE SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO THE INCREASE IN VOLUME, VELOCITY AND FLOW RATES." WITH ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES IN PLACE, MS-19 SHOULD BE ADDRESSED SINCE THE TRENCH WORK TO BE PERFORMED TO FACILITATE THE INSTALLATION OF THE PROPOSED WATERLINE WILL NOT CHANGE THE AMOUNT OF IMPERVIOUS AREA ON THE PROJECT SITE. IN OTHER WORDS, NO INCREASES IN STORM WATER RUNOFF VOLUMES ARE ANTICIPATED AS A RESULT OF A NEW WATERLINE BEING INSTALLED.</p> <div>SEQUENCE OF CONSTRUCTION</div> <p>THE MAJOR CONSTRUCTION COMPONENTS OF THE PROJECT WHICH DISTURB SOILS ARE ANTICIPATED TO OCCUR AS FOLLOWS:</p> <ol style="list-style-type: none"><li>INSTALLATION OF TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.</li><li>BEGIN WATERLINE CONSTRUCTION.</li><li>INSTALLATION OF ADDITIONAL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (AS NEEDED DURING CONSTRUCTION).</li><li>FINAL STABILIZATION OF THE SITE.</li><li>REMOVE ALL TEMPORARY MEASURES AFTER THE SITE IS PERMANENTLY STABILIZED.</li></ol> <div>MAINTENANCE</div> <p>ALL EROSION AND SEDIMENT CONTROL STRUCTURES AND SYSTEMS SHALL BE MAINTAINED, INSPECTED, AND REPAIRED AS NEEDED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED AT LEAST EVERY 14 DAYS AND AFTER EACH RAIN EVENT OVER 0.5 INCHES OF PRECIPITATION. THE FOLLOWING ITEMS SHALL BE CHECKED IN PARTICULAR:</p> <ol style="list-style-type: none"><li>THE SEEDED AREAS SHALL BE CHECKED EVERY 2 DAYS TO ENSURE THAT A GOOD STAND OF GRASS IS MAINTAINED. GRASSED AREAS SHOULD BE LIMED, FERTILIZED AND RESEEDED AS NEEDED.</li><li>SILT FENCE SHALL BE CHECKED FOR UNDERMINING OR DETERIORATION (OF THE FABRIC) AND CLEANED WHEN SEDIMENT LEVELS HAVE REACHED HALF OF THE SILT FENCE HEIGHT.</li><li>INLET AND OUTLET PROTECTION AREAS AROUND CULVERTS, TEMPORARY SLOPE DRAINS, AND DROP INLETS SHALL BE CHECKED FOR BUILDUP OF SEDIMENT. IF SIGNIFICANT CLOGGING IS FOUND (THE CAPACITY OF THE STRUCTURE HAS BEEN REDUCED BY HALF), THEY WILL EITHER BE CLEANED OUT OR REPLACED.</li></ol> <p>SPECIFIC REQUIREMENTS RELATED TO INSPECTION AND MAINTENANCE OF EACH EROSION CONTROL MEASURES ARE DISCUSSED IN THE VESCH STANDARDS AND SPECIFICATIONS INCLUDED IN THE APPENDICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES TO THE SATISFACTION OF LOCAL REVIEW AUTHORITIES, AS WELL AS THE INSTALLATION OF ADDITIONAL MEASURES AS NEEDED TO ENSURE THAT SEDIMENT-LADEN RUNOFF DOES NOT LEAVE THE SITE.</p> <p>CONTRACTOR SHALL RESTORE ALL DISTURBED OUTLET PROTECTION FOR DRAINAGE STRUCTURES TO BETTER OR EQUAL CONDITIONS PRIOR TO CONSTRUCTION.</p> <div>STORM WATER RUNOFF CONSIDERATIONS</div> <p>STORM WATER CONSIDERATIONS WERE TAKEN INTO ACCOUNT; HOWEVER, THE PROJECT WILL NOT INCREASE THE VOLUME, VELOCITY, OR PEAK FLOW RATE OF STORM WATER RUNOFF BECAUSE OF THE FOLLOWING:</p> <ol style="list-style-type: none"><li>THE PROJECT DOES NOT ADD ADDITIONAL IMPERVIOUS SURFACE TO THE BASIN AND</li><li>DOES NOT INCLUDE GRADING MODIFICATIONS CAUSING CHANGES IN DRAINAGE PATTERNS OR RUNOFF VELOCITIES. WITH THAT SAID, E&amp;S MEASURES WILL BE DEPLOYED ALONG THE ENTIRE LENGTH OF THE PROJECT TO PROTECT ALL DOWNSTREAM AREAS FROM SEDIMENT DEPOSITION AND EROSION DURING CONSTRUCTION.</li></ol>	<div>EROSION CONTROL NARRATIVE (CONT):</div> <div>INSPECTION</div> <p>DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND ANY OTHER AREA WHERE SEDIMENT CAN BE DEPOSITED ON PAVED SURFACES SHALL BE INSPECTED AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 48 HOURS FOLLOWING THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER. IN THOSE AREAS THAT HAVE BEEN FINALIZED, TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS, INSPECTIONS SHALL TAKE PLACE AT LEAST ONCE A MONTH.</p> <p>DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. E&amp;S MEASURES SHALL BE CHECKED TO SEE THAT THEY ARE OPERATING CORRECTLY. AT ACCESSIBLE DISCHARGE POINTS, INSPECTION SHALL TAKE PLACE TO ENSURE THESE CONTROL MEASURES ARE EFFECTIVE AT PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. NEARBY DOWNSTREAM LOCATIONS SHALL BE INSPECTED IF DISCHARGE POINTS ARE INACCESSIBLE. DUE TO THE HIGH VOLUME OF TRAFFIC UTILIZING THE ROADS, IT IS OF UTMOST IMPORTANCE THAT THE CONTRACTOR CONTINUOUSLY INSPECT AND CLEAN PAVED SURFACES OF EVIDENCE OF OFFSITE SEDIMENT, RESULTING FROM CONSTRUCTION ACTIVITIES.</p> <p>IF EXISTING CONTROL MEASURES OR BEST MANAGEMENT PRACTICES (BMPs) REQUIRE MODIFICATION OR ADDITIONAL MEASURES, SUCH CHANGES SHALL BE MADE WITHIN 7 CALENDAR DAYS OF THE INSPECTION OR BEFORE THE NEXT ANTICIPATED STORM EVENT, AS IMPLEMENTATION IS PRACTICABLE.</p> <div>INCLUDE INSPECTION REPORTS OF ALL STORMWATER AND EROSION &amp; SEDIMENT CONTROL MEASURES ALONG WITH ANY REQUIRED ACTIONS AS A RESULT OF INSPECTIONS, WITH THE STORMWATER POLLUTION PREVENTION PLAN. THESE REPORTS SHALL INCLUDE THE NAME AND QUALIFICATIONS OF THE INSPECTOR, DATES OF INSPECTION, MAJOR OBSERVATIONS AND ACTIONS TAKEN IN RESPONSE TO INSPECTIONS. MAJOR OBSERVATIONS INCLUDE: THE LOCATION OF DISCHARGE OF SEDIMENT OR POLLUTANT FROM THE SITE, LOCATIONS OF BMPs THAT NEED TO BE MAINTAINED, LOCATIONS OF BMPs THAT FAILED TO OPERATE OR PROVED INADEQUATE, AND LOCATIONS WHERE ADDITIONAL BMPs ARE NEEDED THAT DIDN'T EXIST AT THE TIME OF INSPECTION. THESE REPORTS SHALL INCLUDE INCIDENTS OF NONCOMPLIANCE. IF THE REPORT DOES NOT INCLUDE ANY NONCOMPLIANCE INCIDENTS, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND PERMIT.</div> <div>OTHER CONTROLS</div> <ol style="list-style-type: none"><li>MATERIALS, GARBAGE, DEBRIS NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, GARBAGE, AND DEBRIS SHALL BE DISCHARGED TO SURFACE WATERS OF THE STATE. THE PERMITTEE SHALL ENSURE THAT THESE ITEMS ARE NOT LEFT IN A LOCATION WHERE THEY COULD BE TRANSPORTED BY STORMWATER RUNOFF OFF THE SITE.</li><li>COMPLIANCE WITH STATE &amp; LOCAL WASTE, SANITARY, AND/OR SEPTIC REGULATIONS NO TEMPORARY AND/OR PERMANENT ON SITE SEWER FACILITIES ARE PLANNED FOR THE SITE DURING CONSTRUCTION.</li><li>EXPECTED CONSTRUCTION AND WASTE MATERIALS CONSTRUCTION AND WASTE MATERIALS THAT COULD POTENTIALLY BE STORED ON SITE INCLUDE: TOPSOIL, FILL DIRT, EXCAVATED MATERIAL, PIPING, FERTILIZER FOR SEEDING OPERATIONS, STONE TO BE UTILIZED DURING THE INSTALLATION OF PIPELINES OR PLACED ON GRAVEL AREAS, STONE FOR RIPRAP, FUEL AND SILT FENCE MATERIAL. ANY STOCKPILES OF TOPSOIL, EXCAVATED MATERIAL OR FILL DIRT THAT ARE TO BE RELOCATED LATER SHALL BE SURROUNDED ON THE DOWN SLOPE SIDE BY SILT FENCE. FERTILIZER MUST BE KEPT IN WATERTIGHT CONTAINERS, PREFERABLY IN PORTABLE STORAGE UNITS AND NOT EXPOSED TO THE WEATHER, WHILE STORED ON SITE. CARE MUST ALSO BE TAKEN TO MINIMIZE SPILLAGE OF FERTILIZER, IF MIXING OPERATIONS ARE REQUIRED TO PREPARE THE FERTILIZER FOR APPLICATION. IF OVERNIGHT STORAGE OF FUEL IS REQUIRED, THE FUEL STORAGE CONTAINER MUST BE EQUIPPED WITH A FUELING MECHANISM DISABLE DEVICE. TO MINIMIZE THE EFFECT OF ANY POTENTIAL SPILLS, CONSTRUCT BERMS AROUND ALL ON-SITE FUELING FACILITIES AND MAINTAIN ALL ON-SITE FUELING OPERATIONS AS FAR AWAY FROM SURROUNDING WETLANDS, SURFACE WATERS AND DRAINAGE FACILITIES AS IS PRACTICAL. DAILY INSPECTIONS OF THE FUEL STORAGE CONTAINER MUST BE IMPLEMENTED TO DETECT THE PRESENCE OF LEAKS. THE FUELING OPERATOR SHALL HAVE A SAFE FILL, SHUTDOWN, AND TRANSFER PROCEDURE IN PLACE TO MINIMIZE SPILLAGE DURING FUELING ACTIVITIES. THE OPERATOR MUST MAINTAIN A FULLY EQUIPPED SPILL KIT ON SITE AT ALL TIMES WITH THE STORED FUEL. THE KIT MUST AT LEAST INCLUDE ABSORBENT MATS OR MATERIAL TO CLEANUP ANY SPILLED FUEL. FOR ANY FUEL SPILL ON SITE EQUAL TO OR EXCEEDING 25 GALLONS, IMMEDIATELY CREATE AN APPROPRIATELY SIZED TEMPORARY BERM AROUND THE AREA OF SPILLAGE TO MINIMIZE SURFACE MOVEMENT OF THE FUEL. CONTACT LOCAL HAZMAT AUTHORITIES, THE ENGINEER, AND THE REGIONAL DEQ OFFICE IN ROANOKE AS QUICKLY AS POSSIBLE TO REPORT THE SPILL AND SEEK FURTHER ASSISTANCE WITH SPILL CLEANUP. CONSTRUCTION MATERIALS WHICH COULD BE CARRIED OFFSITE BY STORMWATER (PLASTICS, PAPER, TIMBER, ROOFING MATERIALS, ETC) SHALL BE PICKED UP DAILY AND PLACED IN APPROPRIATE WASTE DISPOSAL CONTAINERS.</li></ol> <div>NON STORM WATER DISCHARGES</div> <p>NO NON-STORMWATER DISCHARGES OTHER THAN THOSE PERMITTED BY THE VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES ARE ANTICIPATED DURING THIS PROJECT.</p> <div>CERTIFICATION</div> <p>ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED IN THE IMPLEMENTATION OF STORM WATER AND EROSION &amp; SEDIMENT CONTROL MEASURES MUST AGREE WITH AND SIGN THE CERTIFICATION STATEMENT INCLUDED ON SHEET 5.</p>
<div><div><div>ANDERSON &amp; ASSOCIATES, INC.</div><div>Professional Design Services</div><div>www.andassoc.com</div></div><div><div>100 Ardmore St.</div><div>Blacksburg, Va. 24060</div><div>540-552-5592</div></div></div> <div><div>DATE</div><div>DESIGNED: CSF</div><div>DRAWN: SEC</div><div>CHECKED: MGG</div><div>QA/QC: CSF</div></div> <div><div>REV. #</div><div>1</div><div>COMMENTS</div><div>ADDENDUM #1</div><div>DATE</div><div>21 JUN 13</div></div>	<div>FRANKLIN COUNTY / WESTERN VIRGINIA WATER AUTHORITY</div> <div>BURNT CHIMNEY WATER EXTENSION</div> <div>FRANKLIN COUNTY, VIRGINIA</div>	<div>EROSION &amp; SEDIMENT CONTROL NOTES</div>	<div>DOCUMENT NO.</div> <div>30337 — 002</div> <div>SHEET</div> <div>7</div> <div>44</div> <div>OF</div>