COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
www.transportation.ky.gov/

Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

March 16, 2022

CALL NO. 200
CONTRACT ID NO. 221310
ADDENDUM # 2

Subject: Clinton-Russell Counties, NHPP 1271 (122)
Letting March 24, 2022

(1) Added – Special Note – Pages 47(a) & 56(a)-56(c) of 170
(2) Added – BMP Note – Pages 1-12 of 12

Proposal revisions are available at http://transportation.ky.gov/Construction-Procurement/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills,

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

ANDY BESHEAR
GOVERNOR

REBECCA W. GOODMAN
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

March 10, 2022

James Jones
KYTC District 8
PO Box 780
Somerset, KY 42502

Re: KYR10 Coverage Acknowledgment
KPDES No.: KYR10Q189
US127 Section 2 (8-8601.21 & .26)
Permit Type: Construction
AI ID: 125149
Russell County, Kentucky

Dear James Jones :

The discharges associated with the Notice of Intent you submitted have been approved for coverage under the "Kentucky Pollutant Discharge Elimination System (KPDES) General Permit for Storm Water Discharges Associated with Construction Activities (KYR100000)" master general permit. Your coverage becomes effective on the date of this letter, and will automatically terminate two years from the effective date of your coverage unless an extension is requested prior to the termination date, until the KYR100000 master general permit expires on November 30, 2024, or the Division of Water revokes coverage, whichever comes first. During this period of coverage all discharges shall comply with the conditions of the KYR100000 master general permit. This permit and links to the eNOI (and permit coverage extension) and eNOT forms can be found on our website:
https://eec.ky.gov/Environmental-Protection/Water/PermitCert/KPDES/Documents/KYR10PermitPage.pdf.

Any person aggrieved by the issuance of a permit final decision may demand a hearing pursuant to KRS 224.10-420(2) within thirty (30) days from the date of the issuance of this letter. Any demand for a hearing on the permit shall be filed in accordance with the procedures specified in KRS 224.10-420, 224.10-440, 224.10-470, and the regulations promulgated thereto. The request for hearing should be submitted in writing to the Energy and Environment Cabinet, Office of Administrative Hearings, 211 Sower Boulevard, Frankfort, Kentucky 40601 and the Commonwealth of Kentucky, Energy and Environment Cabinet, Division of Water, 300 Sower Boulevard, Frankfort, Kentucky 40601. For your record keeping purposes, it is recommended that these requests be sent by certified mail. The written request must conform to the appropriate statutes referenced above.

Any questions concerning the general permit and its requirements should be directed to me at 502-782-7123 or email me at Karina.Villanueva@ky.gov

Construction Site GPS Coordinates: 36.922777, -85.105555
Receiving Water: Cumberland River

Sincerely,

Karina Villanueva
Surface Water Permits Branch
Division of Water

cc: Jami West, eNOI Preparer
Brian Crump, Columbia Regional Office
Shawn Hokanson, Division of Water

Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

June 28, 2017

Mr. Steven McClendon
Kentucky Transportation Cabinet Department of Highways, District 8
P.O. Box 780
Somerset, Kentucky 42502

Dear Mr. McClendon:

RUR 00453-2017-DEVELOPMENT - WOLF CREEK HP (USCE) - SUMMER SHADE NO 1 & 2 161 KV TVA TRANSMISSION LINES (L5700 & L5701) - IMPACT REVIEW OF PROPOSED ROAD RELOCATION BETWEEN STRUCTURES 3 & 5 - KENTUCKY TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS - RUSSELL COUNTY, KENTUCKY

This letter is in response to your request to construct a project under/across or adjacent to transmission line easements owned by the United States of America and entrusted to the Tennessee Valley Authority (TVA).

We have completed our review of the application for a proposed road relocation within TVA's right-of-way for the Wolf Creek HP-Summer Shade No. 1 & No. 2 161-kV TL (L5700 & L5701) between structures 3 and 5. It is understood that no additional obstructions will be installed within TVA's right-of-way other than what was included in the submitted plans. If this is not correct or changes, please let us know. Since the documents provided did not show any lighting, it is assumed that no lighting will be inside the right-of-way.

TVA has no objection to your proposed plans for the project adjacent to or crossing TVA easements at this time, so long as it is constructed in conformance with the drawings and specifications (Plans) you, your company or successors, agents or contractors have provided, which are attached as Attachment A - Project Plans to this letter and at no time interferes or potentially interferes with TVA's property rights or operations, and that you comply with the General Conditions listed in Attachment B. If at any time the project interferes or potentially interferes with TVA's property rights or operations, you will make any necessary changes or alterations at your own cost such that the construction/project no longer interfere with TVA's rights. Any plans for future modifications of the work shall be submitted well in advance of work activities being performed.

Of course, this letter does not in any way diminish or reduce the easement rights acquired by TVA, such as, the right to patrol, clear, construct, maintain, erect, repair, build, rebuild and operate transmission lines and poles for any permitted purpose or to remove vegetation, buildings, fire hazards or danger trees from within or near the right-of-way, nor does it affect TVA's rights of ingress and egress. Your Plans should allow TVA to exercise these rights

without having to take any special precautions when operating heavy equipment near or over the right-of- way, or otherwise exercising the above easement rights.

Extra caution should be taken to ensure the safety of anyone operating equipment in the vicinity of high voltage transmission lines and excavations shall not take place within twenty five (25) feet of any TVA transmission line structure, guy or counterpoise. Because the transmission line is normally energized, any metal poles or fences shall also be properly grounded.

If blasting is to be done on the right-of-way, the transmission line and structure shall be protected against damage. In addition, before blasting or operating cranes on the right-of-way, TVA must be given at least 10 days advance notice. Contact this office at 423-413-8493 between the hours of 7:00 a.m.–2:30 p.m. CST Monday-Friday. This will allow us to schedule a TVA representative to be present and to take appropriate precautions, if necessary.

Additionally, TVA's easements shall not be used as temporary storage or an area for the loading/unloading of materials. The easements shall not be the location of stock or spoil piles. TVA will seek reimbursement for repairs to any damages to its facilities that result from construction or other activities.

This letter does not render an opinion as to the ownership of the underlying property or relieve anyone associated with the project from the obligation to obtain other applicable permissions or regulatory approvals. You should immediately notify us if your plans should change from those detailed in the attached drawing. Even minor deviations may only be approved if TVA is notified and given a project drawing showing the actual location of all changes occurring upon the right-of-way. Any project elevations proposed by you must be met. Any elevation changes from the existing grades that cause the TVA transmission line not to be in compliance with any applicable standards, or otherwise interfere or potentially interfere with TVA's rights, as determined by TVA in its sole discretion, will be the responsibility of the you to meet and/or remedy any clearance issues. Except in the event of an emergency or other TVA deadline, you will have 90 days to bring any areas of concern or in violation into compliance.

Finally, TVA's approval does not certify that your Plans are correct or safe, nor will TVA be responsible for any damage to your project caused by TVA's exercise of its easement rights or facilities. If the project has not begun one year from the date of issue of this letter all Plans need to be resubmitted. TVA assumes no liability and undertakes no obligation or duty (in tort, contract, strict liability, or otherwise) to you or to any third party for any damages to property (real or personal) or personal injuries (including death) arising out of or in any way connected with your project.

Sincerely,

Stephen Williams
Program Manager
ROW Support Services

Attachment A, Plans
Attachment B, General Conditions

TENNESSEE VALLEY AUTHORITY

TRANSMISSION POWER SUPPLY
GENERAL CONDITIONS FOR A CROSSING AND LAND USE ON A TVA TRANSMISSION LINE EASEMENT/RIGHT-OF-WAY

TVA offers no objection to the crossing or other type of requested land use so long as there is no interference or potential inference with TVA's operations or property rights, as determined by TVA in its sole discretion. Further TVA's no objection is contigent upon adherence to the plans submitted to and reviewed by TVA. Moreover, TVA's no objection to use property encumbered by a transmission line right-of-way does not in any way diminish or reduce the easement rights acquired by TVA, such as the right to patrol, clear, construct, maintain, erect, repair, rebuild and operate lines and poles for any permitted purpose or to remove vegetation fire hazards or danger trees, nor does it affect TVA's rights of ingress and egress. TVA's no objection does not render an opinion as to the ownership of the underlying fee or relieve anyone from the obligation to obtain appropriate land-owner, environmental, land-use, regulatory or other approvals.

Construction forces must not operate cranes or other equipment in a manner that would endanger TVA's line or any person near the property. Construction forces must also follow all applicable laws including state laws and Occupational Safety and Health Adminitration (OSHA) requirements, including those related to construction activities near energized electric facilities. If blasting is performed on the right-of-way, TVA's lines shall be protected against blast damage. TVA shall be given at least 10 days notice before any blasting or crane operation on or near the right-of-way. Damage to TVA's facilities must be fully reimbursed.

Any underground lines or pipes must be buried deep enough that they will withstand repeated crossing by heavy equipment and TVA will not be responsible for any damage to any buried pipes or lines even when caused by TVA's heavy equipment operators or contractors. All buried lines or pipes must be easily identified by permanent markers at regular intervals along the right-of-way. Systems, cathodic or otherwise, that could interfere with or damage TVA's transmission line towers or foundations may not be installed. The integrity of all transmission towers and system must be maintained and any excavation must not come closer than 25 feet from the nearest tower leg, pole or guy wire. All graded surfaces on each right-of-way must be left in a condition to prevent future erosion and TVA ground clearance requirements to transmission line conductors must not be violated.

KYTC BMP Plan for Contract ID ######

Kentucky Transportation Cabinet

Highway District 8

And

_____(2), Construction

Kentucky Pollutant Discharge Elimination System
Permit KYR10
Best Management Practices (BMP) plan

Groundwater protection plan

For Highway Construction Activities

For

US 127 Relocation – Section 2
Contract ID 22-1310

Six Year Plan 08-6601.26 & 8-8601.21

Revised
1-28-08

KYTC BMP Plan for Contract ID ######

Project Information

Note – (1) = Design (2) = Construction (3) = Contractor

1. Owner – Kentucky Transportation Cabinet, District 8

2. Resident Engineer: Tracy Taylor

3. Contractor Name: (2)
   Address: (2)
   Phone number: (2)
   Contact: (2)
   Responsible Person: (3)

4. Contract ID Number: CID 22-1310

5. Route (Address): US 127 Russell County

6. Latitude/Longitude (project mid-point) 36°53’10”N, 85°08’57”W

7. County (project mid-point): Russell

8. Project start date (date work will begin): (2)

9. Projected completion date: (2)

KYTC BMP Plan for Contract ID ######

1.0 SITE DESCRIPTION.

1) Nature of construction activity (from letting project description). Reconstruction of US 127 Section 1
2) Order of major soil disturbing activities. (2) and (3)
3) Projected volume of material to be moved. 5.03 million CY
4) Estimate of total project area (acres). 299AC
5) Estimate of area to be disturbed (acres). 299 AC
6) Post construction runoff coefficient will be included in the project drainage folder. Persons needing information pertaining to the runoff coefficient will contact the resident engineer to request this information. (1)
7) Data describing existing soil condition. (1) & (2)
8) Data describing existing discharge water quality (if any). (1) & (2)
9) Receiving water name. Cumberland River
10) TMDLs and Pollutants of Concern in Receiving Waters. (1 DEA)
11) Site Map. Project layout sheet plus the erosion control sheets in the project plans that depict Disturbed Drainage Areas (DDAs) and related information. These sheets depict the existing project conditions with areas delineated by DDA (drainage area bounded by watershed breaks and right of way limits), the storm water discharge locations (either as a point discharge or as overland flow) and the areas that drain to each discharge point. These plans define the limits of areas to be disturbed and the location of control measures. Controls will be either site specific as designated by the designer or will be annotated by the contractor and resident engineer before disturbance commences. The project layout sheet shows the surface waters and wetlands.
12) Potential sources of pollutants. The primary source of pollutants is solids that are mobilized during storm events. Other sources of pollutants include oil/fuel/grease from servicing and operating construction equipment, concrete washout water, sanitary wastes and trash/debris. (3)

2.0 SEDIMENT AND EROSION CONTROL MEASURES.

2.1 Erosion Control Sheets. Plans for highway construction projects will include erosion control sheets that depict Disturbed Drainage Areas (DDAs) and related information. These plan sheets will show the existing project conditions with areas delineated by DDA within the right of way limits, the discharge points and the areas that drain to each discharge point. Project managers and designers will analyze the DDAs and identify Best Management Practices (BMPs) that are site specific. The balance of the BMPs for the project will be listed in the bid documents for selection and use by the contractor on the project with approval by the resident engineer.

Projects that do not have DDAs annotated on the erosion control sheets will employ the same concepts for development and managing BMP plans.

2.2 Annotations. Following award of the contract, the contractor and resident engineer will annotate the erosion control sheets showing location and type of BMPs for each of the DDAs that will be disturbed at the outset of the project. This annotation will be accompanied by an order of work that reflects the order or sequence of major soil moving activities. The remaining DDAs are to be designated as “Do Not Disturb” until the contractor and resident engineer prepare the

plan for BMPs to be employed. The initial BMPs shall be for the first phase (generally Clearing and Grubbing) and shall be modified as needed as the project changes phases. The BMP Plan will be modified to reflect disturbance in additional DDA's as the work progresses. All DDA's will have adequate BMPs in place before being disturbed.

2.3 Disturbed Drainage Areas. As DDAs are prepared for construction, the following will be addressed for the project as a whole or for each DDA as appropriate:

A) Construction Access. This is the first land-disturbing activity. As soon as construction begins, bare areas will be stabilized with gravel and temporary mulch and/or vegetation.

B) Sources. At the beginning of the project, all DDAs for the project will be inspected for areas that are a source of storm water pollutants. Areas that are a source of pollutants will receive appropriate cover or BMPs to arrest the introduction of pollutants into storm water. Areas that have not been opened by the contractor will be inspected periodically (once per month) to determine if there is a need to employ BMPs to keep pollutants from entering storm water.

C) Clearing and Grubbing. The following BMPs will be considered and used where appropriate.

1) Leaving areas undisturbed when possible.
2) Silt Basins to provide silt volume for large areas.
3) Silt Traps Type A for small areas.
4) Silt Traps Type C in front of existing and drop inlets which are to be saved.
5) Diversion ditches to catch sheet runoff and carry it to basins or traps or to divert it around areas to be disturbed.
6) Brush and/or other barriers to slow and/or divert runoff.
7) Silt fences to catch sheet runoff on short slopes. For longer slopes, multiple rows of silt fence may be considered.
8) Temporary Mulch for areas which are not feasible for the fore mentioned types of protections.
9) Non-standard or innovative methods.

D) Cut and Fill and Placement of Drainage Structures. The BMP Plan will be modified to show additional BMPs such as:

1) Silt Traps Type B in ditches and/or drainways as they are completed.
2) Silt Traps Type C in front of pipes after they are placed.
3) Channel Lining
4) Erosion Control Blanket
5) Temporary Mulch and/or seeding for areas where construction activities will be ceased for 21 days or more.
6) Non-standard or innovative methods.

E) Profile and X-Section in Place. The BMP Plan will be modified to show elimination of BMPs which had to be removed and the addition of new BMPs as the roadway was shaped. Probably changes include:

1) Silt Trap Type A, Brush and/or other barriers, Temporary Mulch, and any other BMP which had to be removed for final grading to take place.
2) Additional Silt Traps Type B and Type C to be placed as final drainage patterns are put in place.
3) Additional Channel Lining and/or Erosion Control Blanket.
4) Temporary Mulch for areas where Permanent Seeding and Protection cannot be done within 21 days.
5) Special BMPs such as Karst Policy.

F) Finish Work (Paving, Seeding, Protect, etc.). A final BMP Plan will result from modifications during this phase of construction. Probable changes include:

1) Removal of Silt Traps Type B from ditches and drainways if they are protected with other BMPs which are sufficient to control erosion, i.e. Erosion Control Blanket or Permanent Seeding and Protection on moderate grades.
2) Permanent Seeding and Protection.
3) Placing Sod.
4) Planting trees and/or shrubs where they are included in the project.

G) Post Construction. BMPs including Storm Water Management Devices such as velocity dissipation devices and Karst policy BMPs to be installed during construction to control the pollutants in storm water discharges that will occur after construction has been completed are: (1)

3.0 OTHER CONTROL MEASURES.

1) Solid Materials. No solid materials, including building materials, shall be discharged to waters of the commonwealth, except as authorized by a Section 404 permit.
2) Waste Materials. All waste materials that may leach pollutants (paint and paint containers, caulk tubes, oil/grease containers, liquids of any kind, soluble materials, etc.) will be collected and stored in appropriate covered waste containers. Waste containers shall be removed from the project site on a sufficiently frequent basis as to not allow wastes to become a source of pollution. All personnel will be instructed regarding the correct procedure for waste disposal. Wastes will be disposed in accordance with appropriate regulations. Notices stating these practices will be posted in the office.
3) Hazardous Waste. All hazardous waste materials will be managed and disposed of in the manner specified by local or state regulation. The contractor shall notify the Resident Engineer if there are any hazardous wastes being generated at the project site and how these wastes are being managed. Site personnel will be instructed with regard to proper storage and handling of hazardous wastes when required. The Transportation

KYTC BMP Plan for Contract ID ######

Cabinet will file for generator, registration when appropriate, with the Division of Waste Management and advise the contractor regarding waste management requirements.

4) Spill Prevention. The following material management practices will be used to reduce the risk of spills or other exposure of materials and substances to the weather and/or runoff.

2.4 Good Housekeeping. The following good housekeeping practices will be followed onsite during the construction project.

1) An effort will be made to store only enough product required to do the job.
2) All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
3) Products will be kept in their original containers with the original manufacturer's label.
4) Substances will not be mixed with one another unless recommended by the manufacturer.
5) Whenever possible, all of the product will be used up before disposing of the container.
6) Manufacturers' recommendations for proper use and disposal will be followed
7) The site contractor will inspect daily to ensure proper use and disposal of materials onsite.

2.5 Hazardous Products. These practices will be used to reduce the risks associated with any and all hazardous materials.

1) Products will be kept in original containers unless they are not re-sealable.
2) Original labels and material safety data sheets (MSDS) will be reviewed and retained
3) Contractor will follow procedures recommended by the manufacturer when handling hazardous materials.
4) If surplus product must be disposed of, manufacturers' or state/local recommended methods for proper disposal will be followed.

2.6 The following product-specific practices will be followed onsite:

A) Petroleum Products. Vehicles and equipment that are fueled and maintained on site will be monitored for leaks, and receive regular preventative maintenance to reduce the chance of leakage. Petroleum products onsite will be stored in tightly sealed containers, which are clearly labeled and will be protected from exposure to weather.

The contractor shall prepare an Oil Pollution Spill Prevention Control and Countermeasure plan when the project that involves the storage of petroleum products in 55 gallon or larger containers with a total combined storage capacity of 1,320 gallons. This is a requirement of 40 CFR 112.

This project (will / will not) (3) have over 1,320 gallons of petroleum products with a total capacity, sum of all containers 55 gallon capacity and larger.

B) Fertilizers. Fertilizers will be applied at rates prescribed by the contract, standard specifications or as directed by the resident engineer. Once applied, fertilizer will be covered with mulch or blankets or worked into the soil to limit exposure to storm water.

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Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

C) Paints. All containers will be tightly sealed and stored indoors or under roof when not being used. Excess paint or paint wash water will not be discharged to the drainage or storm sewer system but will be properly disposed of according to manufacturers' instructions or state and local regulations.

D) Concrete Truck Washout. Concrete truck mixers and chutes will not be washed on pavement, near storm drain inlets, or within 75 feet of any ditch, stream, wetland, lake, or sinkhole. Where possible, excess concrete and wash water will be discharged to areas prepared for pouring new concrete, flat areas to be paved that are away from ditches or drainage system features, or other locations that will not drain off site. Where this approach is not possible, a shallow earthen wash basin will be excavated away from ditches to receive the wash water

E) Spill Control Practices. In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup**:**

1) Manufacturers' recommended methods for spill cleanup will be clearly posted. All personnel will be made aware of procedures and the location of the information and cleanup supplies.
2) Materials and equipment necessary for spill cleanup will be kept in the material storage area. Equipment and materials will include as appropriate, brooms, dust pans, mops, rags, gloves, oil absorbents, sand, sawdust, and plastic and metal trash containers.
3) All spills will be cleaned up immediately after discovery.
4) The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contract with a hazardous substance.
5) Spills of toxic or hazardous material will be reported to the appropriate state/local agency as required by KRS 224 and applicable federal law.
6) The spill prevention plan will be adjusted as needed to prevent spills from reoccurring and improve spill response and cleanup.
7) Spills of products will be cleaned up promptly. Wastes from spill clean up will be disposed in accordance with appropriate regulations.

4.0 OTHER STATE AND LOCAL PLANS. This BMP plan shall include any requirements specified in sediment and erosion control plans, storm water management plans or permits that have been approved by other state or local officials. Upon submittal of the NOI, other requirements for surface water protection are incorporated by reference into and are enforceable under this permit (even if they are not specifically included in this BMP plan). This provision does not apply to master or comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit issued for the construction site by state or local officials. (1)

KYTC BMP Plan for Contract ID ######

5.0 MAINTENANCE. The BMP plan shall include a clear description of the maintenance procedures necessary to keep the control measures in good and effective operating condition.

Maintenance of BMPs during construction shall be a result of weekly and post rain event inspections with action being taken by the contractor to correct deficiencies.

Post Construction maintenance will be a function of normal highway maintenance operations. Following final project acceptance by the cabinet, district highway crews will be responsible for identification and correction of deficiencies regarding ground cover and cleaning of storm water BMPs. The project manager shall identify any BMPs that will be for the purpose of post construction storm water management with specific guidance for any non-routine maintenance. (1)

6.0 INSPECTIONS. Inspection and maintenance practices that will be used to maintain erosion and sediment controls:

1) All erosion prevention and sediment control measures will be inspected by the contractor at least once each week and following any rain of one-half inch or more.
2) Inspections will be conducted by individuals that have received KYTC Grade Level II training or other qualification as prescribed by the cabinet that includes instruction concerning sediment and erosion control.
3) Inspection reports will be written, signed, dated, and kept on file.
4) Areas at final grade will be seeded and mulched within 14 days.
5) Areas that are not at final grade where construction has ceased for a period of 21 days or longer and soil stock piles shall receive temporary mulch no later than 14 days from the last construction activity in that area.
6) All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of being reported and completed within 5 days.
7) Built-up sediment will be removed from behind the silt fence before it has reached halfway up the height of the fence.
8) Silt fences will be inspected for bypassing, overtopping, undercutting, depth of sediment, tears, and to ensure attachment to secure posts.
9) Sediment basins will be inspected for depth of sediment, and built-up sediment will be removed when it reaches 70 percent of the design capacity and at the end of the job.
10) Diversion dikes and berms will be inspected and any breaches promptly repaired. Areas that are eroding or scouring will be repaired and re-seeded / mulched as needed.
11) Temporary and permanent seeding and mulching will be inspected for bare spots, washouts, and healthy growth. Bare or eroded areas will be repaired as needed.
12) All material storage and equipment servicing areas that involve the management of bulk liquids, fuels, and bulk solids will be inspected weekly for conditions that represent a release or possible release of pollutants to the environment.

7.0 NON-STORM WATER DISCHARGES. It is expected that non-storm water discharges may occur from the site during the construction period. Examples of non-storm water discharges include:

1) Water from water line flushings.
2) Water form cleaning concrete trucks and equipment.

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3) Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).
4) Uncontaminated groundwater and rain water (from dewatering during excavation).

All non-storm water discharges will be directed to the sediment basin or to a filter fence enclosure in a flat vegetated infiltration area or be filtered via another approved commercial product.

8.0 GROUNDWATER PROTECTION PLAN.

This plan serves as the groundwater protection plan as required by 401 KAR 5:037.

Contractor's statement: (3)

The following activities, as enumerated by 401 KAR 5:037 Section 2. (2) requiring the preparation and implementation of a groundwater protection plan, will or may be may be conducted as part of this construction project:

_____ (e) Land treatment or land disposal of a pollutant;

_____ (f) Storing, treating, disposing, or related handling of hazardous waste, solid waste or special waste, or special waste in landfills, incinerators, surface impoundments, tanks, drums, or other containers, or in piles, (This does not include wastes managed in a container placed for collection and removal of municipal solid waste for disposal off site);

_____ (g) Handling of materials in bulk quantities (equal or greater than 55 gallons or 100 pounds net dry weight transported held in an individual container) that, if released to the environment, would be a pollutant;

_____ (j) Storing or related handling of road oils, dust suppressants, or deicing agents at a central location;

_____ (k) Application or related handling of road oils, dust suppressants or deicing materials, (does not include use of chloride-based deicing materials applied to roads or parking lots);

_____ (m) Installation, construction, operation, or abandonment of wells, bore holes, or core holes, (this does not include bore holes for the purpose of explosive demolition);

Or, check the following only if there are no qualifying activities

_____ There are no activities for this project as listed in 401 KAR 5:037 Section 2 that require the preparation and implementation of a groundwater protection plan.

The contractor is responsible for the preparation of a plan that addresses the 401 KAR 5:037 Section 3. (3) Elements of site specific groundwater protection plan:

(a) General information about this project is covered in the Project information;

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(b) Activities that require a groundwater protection plan have been identified above;
(c) Practices that will protect groundwater from pollution are addressed in section C. Other control measures.
(d) Implementation schedule – all practices required to prevent pollution of groundwater are to be in place prior to conducting the activity;
(e) Training is required as a part of the ground water protection plan. All employees of the contractor, sub-contractor and resident engineer personnel will be trained to understand the nature and requirements of this plan as they pertain to their job function(s). Training will be accomplished within one week of employment and annually thereafter. A record of training will be maintained by the contractor with a copy provide to the resident engineer.
(f) Areas of the project and groundwater plan activities will be inspected as part of the weekly sediment and erosion control inspections
(g) Certification (see signature page.)

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Contractor and Resident Engineer Plan Certification

The contractor that is responsible for implementing this BMP plan is identified in the Project Information section of this plan.

The following certification applies to all parties that are signatory to this BMP plan:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Further, this plan complies with the requirements of 401 KAR 5:037. By this certification, the undersigned state that the individuals signing the plan have reviewed the terms of the plan and will implement its provisions as they pertain to ground water protection.

Contractor and Resident Engineer Certification:

(3)
Signed _____ title _____ , _____
typed or printed name[1] *signature*

(2)
Signed _____ title _____ , _____
typed or printed name[2] *signature*

1. *Contractors Note: to be signed by a person who is the owner, a responsible corporate officer, a general partner or the proprietor or a person designated to have the authority to sign reports by such a person in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601. Reference the Contract ID number and KPDES number when one has been issued.*

2. *KYTC Note: to be signed by the Chief District Engineer or a person designated to have the authority to sign reports by such a person (usually the resident engineer) in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601 Reference the Contract ID number and KPDES number when one has been issued.*

KYTC BMP Plan for Contract ID ######

Sub-Contractor Certification

The following sub-contractor shall be made aware of the BMP plan and responsible for implementation of BMPs identified in this plan as follows:

Subcontractor Name:

Address:

Phone:

The part of BMP plan this subcontractor is responsible to implement is:

I certify under penalty of law that I understand the terms and conditions of the general Kentucky Pollutant Discharge Elimination System permit that authorizes the storm water discharges, the BMP plan that has been developed to manage the quality of water to be discharged as a result of storm events associated with the construction site activity and management of non-storm water pollutant sources identified as part of this certification.

Signed _____ title _____ , _____
typed or printed name[1] *signature*

1. *Sub Contractor Note: To be signed by a person who is the owner, a responsible corporate officer, a general partner or the proprietor or a person designated to have the authority to sign reports by such a person in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601. Reference the Contract ID number and KPDES number when one has been issued.*