



## Knox County Expanded Environmental Inspection

Project Name: \_\_\_\_\_

Public or Private
Bond: Yes or No
NOV Issued: Yes or No

Location: \_\_\_\_\_

Name of Developer/Contractor: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

Name of Contact: \_\_\_\_\_ Phone: \_\_\_\_\_

Is the site adjacent to a stream? Yes No Name? \_\_\_\_\_

Is the site located in a priority watershed? Yes No Name? \_\_\_\_\_

Weather conditions: \_\_\_\_\_

Date/Time of Inspection: \_\_\_\_\_

**Knox County Inspector:** \_\_\_\_\_

The following questions and/or statements represent a comprehensive environmental evaluation to be conducted at every construction site in Knox County at least once a month. Inspectors will examine the sites, complete the checklist and determine if the site is in compliance with Knox County's Storm Water Ordinance. If a site is determined to be deficient, civil penalties may be incurred.

Environmental Checklist	Yes	No	N/A	Inspector Comments
<b>General/Administrative Information</b>				
Are copies of all necessary permits or plans posted near construction entrance? (NOC, Grading Permit, SWPPP, etc.)				
Are inspections being performed & documented twice a week & at least 72 hours apart?*				
<b>Temporary Water Body Crossing Encroachment</b>				
Are temporary water body crossings and encroachments constructed as shown on the design plans and permits (Corps of Engineers 404, TDEC ARAP or 401 and/or 1601 agreements) or as approved by the engineer?*				
<b>Temporary Sediment Controls (silt fence, check dams, mulch, etc.)</b>				
Are temporary sediment controls properly installed, functional, and maintained?*				
Is there evidence that sediment controls are not retaining sediment on site?* <small>Severity Index: 1 2 3 4 5</small>				
Is the built-up sediment less than 1/2 the height of the sediment barrier?				
Are temporary erosion and sediment controls replaced at the end of the day?				

<b>Temporary Soil Stabilization</b>				
Have temporary stabilization measures been applied within 15 days since the location was actively worked?*				
Are non-vegetated areas stable and protected from erosion? Severity Index: 1 2 3 4 5				
<b>Discharge Points</b>				
Are discharge points free of any significant erosion or sediment transport? Severity Index: 1 2 3 4 5				
Is visible floating scum, oil, or other matter observable in storm water discharge? Severity Index: 1 2 3 4 5				
Is the storm water discharge free of material that would cause an objectionable color in the receiving stream? Severity Index: 1 2 3 4 5				
<b>Sediment Basins &amp; Dewatering Operations</b>				
Are basin controls (inlets, outlets, diversions, weirs, spillways and racks) in working order?*				
Does the discharge from the sediment basin cause erosion off of property?*				
Severity Index: 1 2 3 4 5				
Is the discharge of muddy water being controlled?*				
Severity Index: 1 2 3 4 5				
<b>Stockpiles</b>				
Are all locations of temporary stockpiles, including soil, hazardous waste, and construction materials in appropriate areas?*				
Have temporary stockpiles been covered/stabilized?*				
Severity Index: 1 2 3 4 5				
<b>Tracking Control</b>				
Are entrance and exit points to public/private roads inspected and properly maintained?*				
Is there evidence of offsite tracking?*				
Severity Index: 1 2 3 4 5				
<b>Concentrated Flows</b>				
Is there evidence of visible erosion in concentrated flow paths?*				
Severity Index: 1 2 3 4 5				
<b>Storm Drain Inlet Protection</b>				
Are storm drain inlet protection devices in working order and being properly maintained?*				
Severity Index: 1 2 3 4 5				
<b>Preservation of Existing Vegetation</b>				
Is area where no construction is planned protected (fence, signage, etc.)?*				
Has construction encroached into Knox County and/or TDECs required buffers?*				
Severity Index: 1 2 3 4 5				
<b>Site Maintenance</b>				
Is there evidence of vehicle and/or equipment leaks?*				
Severity Index: 1 2 3 4 5				
If yes, have leaks been properly contained?*				
Severity Index: 1 2 3 4 5				
Is there a properly installed and/or maintained materials storage and washout area on site?*				

Environmental Checklist	Yes	No	N/A	Inspector Comments
Is the site free of litter? Severity Index: 1 2 3 4 5				
<b>Additional Comments:</b>				

**Severity Index:**

Knox County Inspectors will use their Best Professional Judgment to determine the severity of environmental impacts associated with certain aspects of the Knox County Environmental Checklist. Inspectors should use the chart below to help them complete the Severity Index taking into consideration the effect the discharged material has on the environment and humans respectfully.

1 Minimal 0	2 Slight 250-500	3 Moderate 500-2500	4 Serious 2500-5000	5 Extreme 5000
Evidence of problem, but no damage	Evidence of problem. Little damage. No clean up or remediation required.	Evidence of problem. Property and/or stream damage is significant and may require minimal clean up and/or remediation.	Evidence of problem. Property and/or stream damage is major and will require clean up and/or remediation	Evidence of problem. Property and/or stream damage is severe and will require extensive clean up and/or remediation.

If a Civil Penalty will be issued, inspectors will provide the following information to supervisors for review.

- a copy of Knox County Environmental and Infrastructure Checklist (along with any additional information the inspector has regarding the project),
- an explanation of the Severity Index rating and suggested associated Civil Penalty (if any).
- photo documentation of problems.

*\* Please note that any item with an asterisk at the end has an automatic associated penalty. Knox County may institute penalties for any additional violation(s) not associated with the checklist.*