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| A black and white logo  Description automatically generated with low confidence | | **CONSTRUCTION/ STORMWATER POLLUTION PREVENTION PLAN TECHNICAL REVIEW**  [Stormwater Drainage Control, Chapter 13.04](https://www.codepublishing.com/IN/VanderburghCounty/#!/VanderburghCounty13/VanderburghCounty1304.html)  [Construction Site Storm Water Runoff Control, Chapter 13.05](https://www.codepublishing.com/IN/VanderburghCounty/#!/VanderburghCounty13/VanderburghCounty1305.html)  **IDEM Construction Stormwater General Permit:** (INRA00000 effective 12/18/2021)  <https://www.in.gov/idem/stormwater/construction-land-disturbance-permitting/> | | | | | | | | | | | | | |
| **Instructions:** | | | | | | | | | | | | | | | |
| Complete the first page of this form and provide an editable electronic copy with the submittal. Submit one hard copy and one electronic copy of all documents to the County Engineer at 201 NW Fourth Street, Old Courthouse, Suite 306, Evansville, IN 47708. | | | | | | | | | | | | | | | |
| **Project Contacts:** | | | | | | | | | | | | | | | |
| **Project Name:** Click or tap here to enter text. | | | | | | | | | | | | | | | |
| **Project Address or Location Description:** Click or tap here to enter text. | | | | | | | | | | | | | | | |
| **Latitude:** Click/tap to enter text. | | | | **Longitude:** Click/tap to enter text. | | | | | | | | | | | |
| **Project Scope:** Click or tap here to enter text. | | | | | | | | | | | | | | | |
| **Plan Preparer:** Click/tap to enter text. | | | | | | | | | **Affiliation:** Click/tap to enter text. | | | | | | |
| **Address:** Click/tap to enter text. | | | | | | | | | | | | | | | |
| **City:** Click/tap to enter text. | | | | | **State:** Click/tap to enter text. | | | | | | | **Zip:** Click/tap to enter text. | | | |
| **Phone:** Click/tap to enter text. | | | | | **Cell Phone:** Click/tap to enter text. | | | | | | | **Email:** Click/tap to enter text. | | | |
| **Project Site Owner:** Click/tap to enter text. | | | | | | | | **Company Name (if applicable):** Click/tap to enter text. | | | | | | | |
| **Address:** Click/tap to enter text. | | | | | | | | | | | | | | | |
| **City:** Click/tap to enter text. | | | | | **State:** Click/tap to enter text. | | | | | | | **Zip:** Click/tap to enter text. | | | |
| **Phone:** Click/tap to enter text. | | | | | **Cell Phone:** Click/tap to enter text. | | | | | | | **Email:** Click/tap to enter text. | | | |
| **Contractor:** Click/tap to enter text. | | | | | | | | **Company Name (if applicable):** Click/tap to enter text. | | | | | | | |
| **Address:** Click/tap to enter text. | | | | | | | | | | | | | | | |
| **City:** Click/tap to enter text. | | | | | **State:** Click/tap to enter text. | | | | | | | **Zip:** Click/tap to enter text. | | | |
| **Phone:** Click/tap to enter text. | | | | | **Cell Phone:** Click/tap to enter text. | | | | | | | **Email:** Click/tap to enter text. | | | |
| **Site SWPPP Contact:** Click/tap to enter text. | | | | | | | | **Company Name (if applicable):** Click/tap to enter text. | | | | | | | |
| **Address:** Click/tap to enter text. | | | | | | | | | | | | | | | |
| **City:** Click/tap to enter text. | | | | | **State:** Click/tap to enter text. | | | | | | | **Zip:** Click/tap to enter text. | | | |
| **Phone:** Click/tap to enter text. | | | | | **Cell Phone:** Click/tap to enter text. | | | | | | | **Email:** Click/tap to enter text. | | | |
| **Documents Required for Stormwater Construction Plan Approval:** | | | | | | | | | | | | | | | |
| Technical Review Form (this form)  Design plans with erosion and sediment control measures  Draft IDEM Notice of Intent (NOI)  Construction and Post-Construction SWPPPs  Drainage & Maintenance easement documentation | | | | | | | | | | Drainage Plans (drainage, detention & water quality calculations)  Post-Construction Operation & Maintenance Manual  Post-Construction BMP Owner Acknowledgement  Permit review and inspection fees | | | | | |
| **Property Owner Certification:** | | | | | | | | | | | | | | | |
| By signing this form, the Property Owner certifies that any land clearing, construction, or development involving the movement of earth shall follow the Vanderburgh County ordinance, approved plans submitted, and the Construction Stormwater General Permit. The Property Owner acknowledges: 1) That any remedial actions at the project site will be corrected before issuance of a Certificate of Occupancy; 2) That the Post-Construction Stormwater quality and/or quantity measure(s) will be operated and maintained per the Post-Construction Operation and Maintenance Manual; and 3) That submission of an application does not in any way obligate the County to approve the application. | | | | | | | | | | | | | | | |
| Property Owner Signature: | |  | | | | | Property Owner Printed Name: | | | | Click/tap to enter text. | | | Date: | Date. |
| ***Plan Reviewer to Complete:*** | | | | | | Plan Submittal Date:  Date. | | | | | | | Plan Review Date: Date. | | |
| **Plan Reviewer:** Click/tap to enter text. | | | | | **Affiliation:** Click/tap to enter text. | | | | | | | **On behalf of:** Vanderburgh Co. MS4 | | | |
| **Address:** Click/tap to enter text. | | | | | | | | | | | | | | | |
| **City:** Click/tap to enter text. | | | | | **State:** Click/tap to enter text. | | | | | | | **Zip:** Click/tap to enter text. | | | |
| **Phone:** Click/tap to enter text. | | | | | **Cell Phone:** Click/tap to enter text. | | | | | | | **Email:** Click/tap to enter text. | | | |
| **Plan Review Status:** | | | | | | | | | | | | | | | |
|  | **Plan is Adequate** | | A comprehensive plan review has been completed and it has been determined that the plan satisfies the minimum requirements of the Vanderburgh County Construction Site Stormwater Runoff Control Ordinance and the Construction Stormwater General Permit INRA00000 (Effective 12-18-2021). | | | | | | | | | | | | |
|  | **Preliminary Review** | | A comprehensive review will not be completed at this time. The plan review authority reserves the right to perform a comprehensive review later, and revisions may be required at that time. | | | | | | | | | | | | |
|  | **Conditional Acceptance** | | Acceptance of the plan is conditional. The conditional acceptance is contingent upon addressing the issues identified in the comment sections and/or dependent on final drainage plan approval by the Drainage Board. | | | | | | | | | | | | |
|  | **Plan is Deficient** | | Significant deficiencies were identified and must be addressed. Refer to the comment sections. | | | | | | | | | | | | |
| **Action:** | | | | | | | | | | | | | | | |
|  | **Submit a Notice of Intent:**  Submit the Notice of Intent (NOI) online through the IDEM Regulatory ePortal. It is required to upload a copy of this review form when submitting the NOI through the IDEM Regulatory ePortal: (<https://stormwater.idem.in.gov/ncore/external/home>) | | | | | | | | | | | | | | |
|  | **Do not file a Notice of Intent or commence land-disturbing activities:** Deficiencies must be adequately addressed and an acceptable plan review completed. | | | | | | | | | | | | | | |
|  | **Comments:** Refer to Plan Review Comments Sections of this document. | | | | | | | | | | | | | | |
|  | **Revisions:** Update and submit the revised Construction/Stormwater Pollution Prevention Plan as indicated below. | | | | | | | | | | | | | | |
|  | Update and submit a complete plan set that addresses plan deficiencies. | | | | | | | | | | | | | | |
|  | Update and submit a document (narrative and/or plan sheets) that address plan deficiencies. | | | | | | | | | | | | | | |
|  | Update and submit a complete plan set that addresses plan deficiencies. A comprehensive plan review will not be completed. | | | | | | | | | | | | | | |

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| **Plan Review Information** | | | | | |
| * *The technical review and comments are intended to evaluate the completeness of the Construction/Stormwater Pollution Prevention Plan for the project. The Plan submitted was not reviewed for the adequacy of engineering design. All measures included in the plan, as well as those recommended in the comments should be evaluated as to their feasibility by a qualified individual with structural measures designed by a qualified engineer. The Plan has not been reviewed for other local, state, or federal permits that may be required to proceed with this project.* * *Additional information, including design calculations may be requested to further evaluate the plan.* * *All proposed stormwater pollution prevention measures and those referenced in this review must meet the design criteria and standards set forth in the Vanderburgh County Codes, "Indiana Stormwater Quality Manual" from the Indiana Department of Environmental Management or similar Guidance Documents.* * *Construction activities and unforeseen weather conditions may affect the performance of the erosion and sediment control system, individual measures, or the effectiveness of the plan. The plan must be a flexible document, with provisions to modify or substitute measures as necessary to ensure compliance.* | | | | | |
| **Section A: Construction Plan Elements** | | | | | |
| **Adequate** | **Deficient** | **NA** | **A** | *The construction plan elements include general information associated with the project site that are critical for the evaluation of the stormwater pollution prevention plan component. This information includes, but is not limited to an index, resource information, reference maps, grading information, project layout and design, and drainage plan* | |
|  |  |  | **1** | Index of the location of required plan elements in the construction plan | |
|  |  |  | **2** | A vicinity map depicting the project site location in relationship to recognizable local landmarks, towns, and major roads | |
|  |  |  | **3** | Narrative of the nature and purpose of the project | |
|  |  |  | **4** | Latitude and longitude to the nearest fifteen (15) seconds | |
|  |  |  | **5** | Legal description of the project site | |
|  |  |  | **6** | 11 X 17-inch plat showing building lot numbers/boundaries and road layout/names | |
|  |  |  | **7** | Boundaries of the one hundred (100) year floodplains, floodway fringes, and floodways | |
|  |  |  | **8** | Land use of all adjacent properties | |
|  |  |  | **9** | Identification of a U.S. EPA approved or established TMDL | |
|  |  |  | **10** | Name(s) of the receiving water(s) | |
|  |  |  | **11** | Identification of discharges to a water on the current 303d list of impaired waters and the pollutant(s) for which it is impaired | |
|  |  |  | **12** | Soil map of the predominant soil types and identification of the soil properties, characteristics, limitations, and hazards associated with the project site and the measures that will be integrated into the project to overcome or minimize adverse soil conditions. | |
|  |  |  | **13** | Identification and location of all known wetlands, lakes, and water courses on or adjacent to the project site (construction plan, existing site layout) | |
|  |  |  | **14** | Identification of any other state or federal water quality permits or authorizations that are required for construction activities | |
|  |  |  | **15** | Identification and delineation of existing cover, including natural buffers | |
|  |  |  | **16** | Existing topography at a contour interval appropriate to indicate drainage patterns | |
|  |  |  | **17** | Location(s) of where run-off enters the project site | |
|  |  |  | **18** | Location(s) of where run-off discharges from the project site prior to land disturbance | |
|  |  |  | **19** | Location of all existing structures on the project site | |
|  |  |  | **20** | Existing permanent retention or detention facilities, including manmade wetlands, designed for the purpose of stormwater management | |
|  |  |  | **21** | Locations where stormwater may be directly discharged into ground water, such as abandoned wells, sinkholes, or karst features | |
|  |  |  | **22** | Size of the project area expressed in acres | |
|  |  |  | **23** | Total expected land disturbance expressed in acres | |
|  |  |  | **24** | Proposed final topography | |
| **Section A: Construction Plan Elements (continued)** | | | | | |
| **Adequate** | **Deficient** | **NA** | **A** | *The construction plan elements include general information associated with the project site that are critical for the evaluation of the stormwater pollution prevention plan component. This information includes, but is not limited to an index, resource information, reference maps, grading information, project layout and design, and drainage plan* | |
|  |  |  | **25** | Locations and approximate boundaries of all disturbed areas | |
|  |  |  | **26** | Location, size, and dimensions of all stormwater drainage systems, such as culverts, storm sewers, and conveyance channels | |
|  |  |  | **27** | Locations of specific points where stormwater and non-stormwater discharges will leave the project site | |
|  |  |  | **28** | Location of all proposed site improvements, including roads, utilities, lot delineation and identification, proposed structures, and common areas | |
|  |  |  | **29** | Location of all on-site soil stockpiles and borrow areas | |
|  |  |  | **30** | Construction support activities that are expected to be part of the project | |
|  |  |  | **31** | Location of any in-stream activities that are planned for the project including, but not limited to stream crossings and pump arounds | |
| **Priority Status:** Identify if this is a priority site based on the nature and extent of the construction activity, topography, threat to the degradation of water quality, characteristics of soils, complaints, and other factors as determined by MS4 priorities. | | | | | |
| **Not a Priority Site** | | | | | **Priority Site based on:**  Nature and Extent of Construction  Close Proximity to Sensitive Area(s)  Close Proximity to Wetlands  Characteristics of the Soil  Threat to Water Quality Degradation  Steep Topography on Proposed Construction Site  Potential for Direct Runoff to Receiving Waters  Impacted Drainage Area |
| **Section A – Comments:** | | | | | |

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| **Section B: Stormwater Pollution Prevention Plan – Erosion and Sediment Control/Project Site Management** | | | | |
| **Adequate** | **Deficient** | **NA** | **B** | *The construction component of the Stormwater Pollution Prevention Plan includes stormwater quality measures to address erosion, sedimentation, and other pollutants associated with land disturbance and construction activities. Proper implementation of the plan, maintenance of measures, and administering a self-monitoring program is required to manage the project site to minimize the discharge of sediment and other pollutants. Construction activities and unforeseen weather conditions may affect the performance of the erosion and sediment control system, individual measures, or the effectiveness of the plan. The plan must be a flexible document, with provisions to modify or substitute measures as necessary to ensure compliance.* |
|  |  |  | **1** | Description of the potential pollutant generating sources and pollutants, including all potential non-stormwater discharges |
|  |  |  | **2** | Stable construction entrance locations and specifications. Plan to clear tracking of sediments on road. Dust suppression plan. |
|  |  |  | **3** | Specifications for temporary and permanent stabilization. Include seeding and mulching plan and 70% coverage requirement for final stabilization. Include 7-day stabilization requirement. |
|  |  |  | **4** | Sediment control measures for concentrated flow areas (sediment basins if used have specific requirements). |
|  |  |  | **5** | Sediment control measures for sheet flow areas |
|  |  |  | **6** | Run-off control measures |
|  |  |  | **7** | Stormwater outlet protection locations and specifications |
|  |  |  | **8** | Grade stabilization structure locations and specifications |
|  |  |  | **9** | Dewatering applications and management methods |
|  |  |  | **10** | Measures utilized for work within waterbodies |
|  |  |  | **11** | Maintenance guidelines for each proposed temporary stormwater quality measure |
|  |  |  | **12** | Planned construction sequence describing the relationship between implementation of stormwater quality measures in relation to land disturbance |
|  |  |  | **13** | Provisions for erosion and sediment control on individual building lots regulated under the proposed project |
|  |  |  | **14** | Material handling and spill prevention and spill response plan meeting the requirements in 327 IAC 2-6.1 |
|  |  |  | **15** | Material handling and storage procedures associated with construction activity |
|  |  |  | **16** | Monitoring and project management plan to include self-monitoring program (SMP), self-inspections and project management log |
| **Section B – Comments:** | | | | |

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| **Section C: Stormwater Pollution Prevention Plan – Post-Construction** | | | | |
| **Adequate** | **Deficient** | **NA** | **C** | *The post-construction component of the Stormwater Pollution Prevention Plan includes the implementation of stormwater quality measures to address pollutants that will be associated with the final project land use. Post-construction stormwater measures should be functional upon completion of the project. Long term functionality of the measures is critical to their performance and should be monitored and maintained.* |
|  |  |  | **1** | Description of pollutants and their sources associated with the proposed land use |
|  |  |  | **2** | Description of proposed post-construction stormwater measures including location, dimensions, specifications, and stormwater detention and water quality treatment according to the local ordinance and Drainage Plan review process through the County Surveyor. |
|  |  |  | **3** | Plan details and design calculations for each post-construction stormwater measure. If a pre-approved BMP is selected from Chapter 13.05, provide a discussion of how the BMP has been designed. If a pre-approved BMP is not selected, then provide a discussion of the treatment process and appropriate sampling information must be provided to verify that the BMP will meet the 80% TSS removal rate and/or control floatables. |
|  |  |  | **4** | Sequence describing stormwater measure implementation |
|  |  |  | **5** | A complete set of professionally certified construction plans showing the location, dimensions, and construction details of all post-construction stormwater quality measures, detailed specifications and supporting water quality and quantity BMP sizing calculations. |
|  |  |  | **6** | Maintenance guidelines for proposed post-construction stormwater measures. Provide an Operation and Maintenance (O&M) Manual for each post-construction stormwater quality measure. The O&M Manual shall include the following:   1. Name, address, business phone number, home phone number, email address, cellular phone number; 2. A narrative description and checklist of operation and maintenance guidelines to facilitate their proper long-term function. 3. Site map showing the general location of the property. Include a location description or street address. 4. Site drawings (8½” by 11” or 11” by 17”), showing both plan and cross-section views, showing the infrastructure and stormwater flow through the site and BMP, including dimensions, easements, outlet works, forebays, signage, etc., as well as an overall site map of the development showing all structures; 5. Guidance on owner-required periodic inspections; 6. Guidance on routine maintenance (e.g., mowing, litter removal, woody growth removal, signage, etc.); 7. Guidance on remedial maintenance; such as inlet replacement, outlet works maintenance, etc.; 8. Guidance on sediment and trash removal, both narrative and graphical, describing when sediment removal or dredging should occur to ensure that BMPs and other infrastructure remain effective as water quality and/or quantity control devices, and appropriate disposal methods; 9. A tabular schedule showing inspection and maintenance requirements; 10. Identification of the property owner as the party responsible for all maintenance, including cost; and   Identification of the Homeowners Association, if applicable, for eventual transfer of BMP ownership and maintenance responsibilities. |
|  |  |  | **7** | Vanderburgh County’s SWPPP and Post-Construction Stormwater Best Management Practice Owner Acknowledgement form. |
|  |  |  | **8** | Vanderburgh County’s Grant of Perpetual Easement form. |
| **Section C – Comments:** | | | | |

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| **Vanderburgh County Construction Inspections:** | | |
| The County, or designated representative, have the legal authority per county ordinance to inspect all construction sites regulated under Chapter 13.05 of the Code of Ordinances. The permittee shall notify the County Engineer 48-hours before the start of construction. To obtain inspections, contact Name via Number or Email at least 10 working days before the following to schedule an inspection: | | |
| Installation of sediment and erosion measures; | Installation of infrastructureInstallation of post-construction BMP | Final stabilization |
| If after a recommendation is provided to the project site owner, corrective action is not taken, the county will pursue enforcement according to the Code of Ordinances, Chapter 13.05. | | |
| **County Engineer Plan Review Process:** | | |
| The County Engineer shall review the submittal to determine its conformance with the provisions of the ordinance, the CSGP, and the *Indiana Stormwater Quality Manual*.A preliminary determination will be made as to whether the application is substantially complete or insufficient within 10 days (for projects at least 1 acre but less than 5 acres) or within 14 days (for projects greater than or equal to 5 acres). Notification will be provided to the applicant within the applicable time of one of the following:If the county provides a favorable preliminary determination, the applicant may submit the completed NOI (signed with proof of public notice) to IDEM through the portal and the county. The applicant may commence construction 48-hours after the submission of the completed NOI.If the application is deemed insufficient, the county will request additional information. The applicant may not submit the NOI or commence land-disturbing activities. Applicants are responsible for addressing and re-submitting any incomplete items. The initiation of construction activity following notification by the county that the plan is deficient is a violation and subject to enforcement action. Once information is provided and after receiving approval, the applicant may submit the completed NOI to IDEM and the county. The applicant may commence construction 48-hours after the submission of the completed NOI.If the county provides a favorable preliminary determination and then determines the application is insufficient, the applicant must cease land-disturbing activities and provide the required information to the county. Applicants are responsible for addressing and re-submitting any incomplete items. Notification of approval will be provided to the applicant and land-disturbing activities may recommence. The continuation of construction activity following notification by the county that the plan is deficient is a violation and subject to enforcement action.If the county does not provide notification of the preliminary determination within the applicable time, the applicant may submit the completed NOI to IDEM and the county. The applicant may commence construction 48-hours after submitting the completed NOI.Any changes or deviations in the plans and specifications after approval shall be filed with, and accepted by, the county before the change. Copies of the changes, if accepted, shall be attached to the original plans and specifications.The county will issue a letter with the preliminary determination and the Construction/Stormwater Pollution Prevention Plan Technical Review form to the applicant that is submitted with NOI to IDEM. The department may request a pre-construction meeting before construction commences. | | |