To all interested parties: This letter shall serve as a formal notice of the receipt of an application for Section 401 Water Quality Certification by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana’s water quality standards as set forth at 327 IAC 2.

1. Applicant: Mark Witsman
   Town of McCordsville
   6280 W 800 N
   McCordsville, IN 46055

2. Agent: Joseph Miller
   Banning Engineering, P.C.
   853 Columbia Rd., Suite 101
   Plainfield, IN 46168

3. Project location: 6281 W 800 N. McCordsville, Hancock County

4. Affected waterbody: Stansbury and Shultz Ditch

5. Project Description: The applicant proposes to relocate 975 linear feet (lf) of regulated drain south of its current alignment. The relocated channel will be 917 lf in length with a 2-stage meandering low flow channel. An existing 35 lf metal culvert will be replaced by a 40 lf three-sided culvert. In addition, 60 lf of riprap will be placed along the north bank in two locations. Native seeding will be planted bank to bank along the relocated channel, and native seeding and tree plantings will be installed within the tree mitigation area north of the relocated channel. The filter strips of 25 feet in width along the north side and 10 feet in width on the south side of the relocated channel will be planted with a general purpose seed mix. For additional information please visit the following webpage address: http://www.in.gov/idem/5474.htm

Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions? Additional information may be obtained from Mrs. Amari Farren, Project Manager, at 317-234-6351 or by email to afarren@idem.in.gov. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM’s final decision. Written comments and inquiries may be forwarded to –
   Indiana Department of Environmental Management
   100 North Senate Avenue
   MC65-42 WQS IGCN 1255
   Indianapolis, Indiana 46204-2251
   FAX: 317/232-8406
1. Only those areas within the designated construction limits are to be disturbed during construction.

2. Contractor shall prepare a self-monitoring plan and procedures, including documentation of outcome, self-evaluation, and performance of each pollution prevention measure. These documents must be kept on file and made available upon request.

3. Start construction log. This log will document the performance of each pollution prevention measure. These documents must be kept on file and made available upon request.

4. Install construction entrance drive and construction staging area as delineated on this sheet. Inform the Town of McCordsville office within forty-eight hours of the beginning of construction activities.

5. Establish concrete washout as delineated on this sheet. The washout is to be kept free of water. This water is to be conveyed into a sediment trap or basin. Notify IDEM at (317-233-1684) and the Town of McCordsville and Hancock County SWCD representative to discuss scheduling and sequencing of project.

6. Post the approved clean water permit issued by Hancock County SWCD. Notify IDEM at (317-233-1684) and the Town of McCordsville and Hancock County SWCD representative to discuss scheduling and sequencing of project.

7. Monitor and perform all dust control measures shall be done weekly and after each rainfall event.

8. Maintain stockpiles of all materials in those areas designated on this sheet. Temporary seed and mulch all stockpiles immediately upon completion.

9. Begin mass earth movement with the stripping of the topsoil. Mulch all stockpiles immediately upon completion.

10. Perform self-monitoring plan and procedures, including documentation of outcome, self-evaluation, and performance of each pollution prevention measure. These documents must be kept on file and made available upon request.

SOILS DESCRIPTIONS

MADE SERIES
Moderately well drained alluvium on flood plains. Slope ranges from 0 to 2 percent. This soil is considered highly vulnerable. Reference is to a highly vulnerable soil which includes high clay content and moderate to severe slope.

MAD SERIES
Moderate clay content, 0-2% slope. Drainage is moderately slow. The soil is considered to be moderately slow. This soil is considered highly vulnerable. Reference is to a highly vulnerable soil which includes high clay content and moderate slope.

SLAB SERIES
Moderate clay content, 0-2% slope. Drainage is moderately slow. The soil is considered to be moderately slow. This soil is considered highly vulnerable. Reference is to a highly vulnerable soil which includes high clay content and moderate slope.

SILT FENCE, SEE DETAIL

C500

C500

MURRAY, PATRICK M & VAIL, DAN D & JOHNSON, CATHERINE

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EROSION CONTROL GENERAL NOTES
1. Only those areas within the designated construction limits are to be disturbed during construction.
2. Contractors are to provide temporary surface stabilization of any areas scheduled or likely to remain inactive for a period of 15 days or more.
3. When performing erosion control, careful attention shall be given to the preservation of existing vegetation if possible.
4. Contractor shall implement design concepts for erosion control to prevent soil erosion.
5. All erosion control measures shall be installed on the jobsite.
6. Contract shall provide temporary sediment control measures that include silt fence and drainage ditches as required.
7. Inspection and repair of erosion control measures shall be done weekly and after each required measure.

EROSION CONTROL PLAN LEGEND
- Dashed Line: Temporary Silt Fence
- Solid Line: Permanent Silt Fence
- Temporary Stockpile
- Permanent Stockpile
- Erosion Control Structures
- Critical Areas
- Disturbed Areas
- Riboed Areas

INTERMEDIATE EROSION CONTROL SEQUENCING
1. Perform initial erosion control sequence.
2. Install proposed ditch and 3-sided bridge. Install erosion control measures as required. Leave upstream end of proposed ditch and 3-sided bridge unconnected to existing drainage system. Final ditch and 3-sided bridge are completed and established downstream.
3. Temporarily seed and mulch all areas scheduled or likely to remain inactive for a period of 15 days or more.

INTERMEDIATE EROSION CONTROL PLAN
- Proposed ditch to be installed and existing ditch to be completed until proposed ditch completed and established downstream.
- Proposed ditch to be installed and existing ditch to be completed until proposed ditch completed and established downstream.
- 10' Foot plug to remain in place until downstream vegetation established.

EROSION CONTROL CONSTRUCTION LIMITS
- Project No: C401
- Sheet No: 100
- Date: 10-02-18
- Scale: 1" = 100'
- Prepared by
- Drawn by
- Designed by
- Project No: C401
- Sheet No: 100
- Date: 10-02-18
- Scale: 1" = 100'
- Prepared by
- Drawn by
- Designed by
1. Perform initial and intermediate erosion control sequence.

2. Drive proposed ditches and establish control around areas to be graded.

3. As soon as possible, install erosion control blankets with permanent seeding, in all areas designated as critical areas, using approved construction methods as in the "Indiana Storm Water Quality Manual" and Manufactures Recommendations for Installation for all erosion control blankets used.

4. Install erosion control blankets with permanent seeding, and other erosion control measures, as shown.

5. Temporarily seed and mulch all areas seeded within 72 hours of the first rainfall event.

6. Permanent seed and mulch all disturbed areas not covered by erosion control blankets or permanent seeding measures.

7. After construction is completed, vegetation restoration and maintenance, registry from Town of McCordsville and Reinhart Township, and buffer areas. Erosion control blankets and other critical areas are specified for the project site.

**EROSION CONTROL PLAN LEGEND**

- **Erosion Control Blanket**
- **Permanent Seeding & Mulch (LA ACRES)**
- **Tree Mitigation Area (3.35 ACRES) with Permanent Seeding & Mulch**
- **Temporary Seeding & Mulch (0.87 ACRES)**
- **Eroded Areas that are not inropicted, fences, and areas to be graded**
- **Construction Limits**
- **Silt Fence, See Detail**

**EROSION CONTROL GENERAL NOTES**

1. Only those areas shown in the designated construction limits are to be treated during construction.

2. Contractors are encouraged to maintain dust suppression until project completion.

3. Contractors are encouraged to minimize the amount of disturbed area in each section of the project.

4. Contractors shall implement design concepts and storm water quality measures, which are shown on this plan, to reduce post-construction pollutants discharging from the site.

5. Contractors are responsible for obtaining any necessary sign permits for this project.


7. Inspection and repair of erosion control measures shall be done weekly and as needed.

8. All erosion control measures shall meet the Plan No 2690 Rev 217 (RC 7.8) requirements.

9. Refer to the "Indiana Storm Water Quality Manual" - The Urban Development Planning Guide for the Manufactures Recommendations for Installation for all erosion control blankets used.

10. Permanent seed and mulch all areas scheduled or likely to remain inactive for a period of 15 days or more.

11. See detail on sheet 9 for construction limits.

12. This plan shows the proposed site plan for the project.

13. The plan is for general reference only and does not constitute a legal description.

14. This plan is not for construction.

15. This plan does not include construction limits.

16. This plan is not an engineering document and should not be used for any purpose other than the intended purpose.

17. This plan was prepared for the purposes of illustrating the overall project and is not intended to be relied upon for any other purpose.

18. This plan was prepared for the purposes of illustrating the overall project and is not intended to be relied upon for any other purpose.

**FINAL EROSION CONTROL SEQUENCING**

1. Perform initial and intermediate erosion control measures.

2. Drive proposed ditches and establish control around areas to be graded.

3. As soon as possible, install erosion control blankets with permanent seeding, in all areas designated as critical areas, using approved construction methods as in the "Indiana Storm Water Quality Manual" and Manufactures Recommendations for Installation for all erosion control blankets used.

4. Install erosion control blankets with permanent seeding, and other erosion control measures, as shown.

5. Temporarily seed and mulch all areas seeded within 72 hours of the first rainfall event.

6. Permanent seed and mulch all disturbed areas not covered by erosion control blankets or permanent seeding measures.

7. After construction is completed, vegetation restoration and maintenance, registry from Town of McCordsville and Reinhart Township, and buffer areas. Erosion control blankets and other critical areas are specified for the project site.

8. This plan was prepared for the purposes of illustrating the overall project and is not intended to be relied upon for any other purpose.

9. This plan was prepared for the purposes of illustrating the overall project and is not intended to be relied upon for any other purpose.

10. This plan was prepared for the purposes of illustrating the overall project and is not intended to be relied upon for any other purpose.
PROFILE SECTION C-C

CONSPAN B SERIES 20'-0" SPAN
STANSBURY & SHULTZ CULVERT
MC CORDSVILLE, IN

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