A1:80181

MSR10 8543

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☐ **OWNER** ☑ **PRIME CONTRACTOR**

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Mark Orlovsky

OWNER COMPANY LEGAL NAME: Milwaukee Tool

OWNER STREET OR P.O. BOX: 13135 W. Lisbon Road

OWNER CITY: Brookfield **STATE:** WI **ZIP:** 53005

OWNER PHONE #: (262) 439-4271 **OWNER EMAIL:** mark.orlovsky@milwaukeetool.com

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON: E. Dean Taylor, Jr.

PRIME CONTRACTOR COMPANY LEGAL NAME: T.W. Frierson Contractor, Inc.

PRIME CONTRACTOR STREET OR P.O. BOX: 2971 Kraft Drive

PRIME CONTRACTOR CITY: Nashville **STATE:** TN **ZIP:** 37204

PRIME CONTRACTOR PHONE #: (615) 367-1333 **PRIME CONTRACTOR EMAIL:** dtaylor@twfrierson.com

FACILITY SITE INFORMATION

FACILITY SITE NAME: Project Red Steel

FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)

STREET: 2817 American Way

CITY: Grenada STATE: MS COUNTY: Grenada ZIP: 38901

FACILITY SITE TRIBAL LAND ID (N/A If not applicable):

LATITUDE: 33 **degrees** 50 **minutes** 57 **seconds** **LONGITUDE:** 89 **degrees** 50 **minutes** 00 **seconds**

LAT & LONG DATA SOURCE (GPS *(Please GPS Project Entrance/Start Point)* or Map Interpolation): GPS

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 62.0

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? **YES** ☐ **NO** ☑

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT:
AND PERMIT COVERAGE NUMBER: MSR10____

ESTIMATED CONSTRUCTION PROJECT START DATE: 2021-10-15 (YYYY-MM-DD)

ESTIMATED CONSTRUCTION PROJECT END DATE: 2023-05-01 (YYYY-MM-DD)

DESCRIPTION OF CONSTRUCTION ACTIVITY: Grading, Parking, & Building Construction

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Manufacturing Facility

SIC Code ____ **NAICS Code** ______

NEAREST NAMED RECEIVING STREAM: Martin Creek

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) YES☐ NO☑

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES☐ NO☑

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES☐ NO☑

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):
CL

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? YES☐ NO☑

IF YES, INDICATE THE TYPE OF FLOCCULANT.
☐ **ANIONIC POLYACRYLIMIDE (PAM)**
☐ **OTHER** _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE? YES☐ NO☑

[1]Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft^2 per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS? YES ☐ NO ☑

IF YES, CHECK ALL THAT APPLY: ☐ AIR ☐ HAZARDOUS WASTE ☐ PRETREATMENT

☐ WATER STATE OPERATING ☐ INDIVIDUAL NPDES ☐ OTHER: _____

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES ☐ NO ☑

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

- **The project has been approved by individual permit, or**
- **The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or**
- **The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required**

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES ☐ NO ☑

IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

☑ **Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.**

☐ **Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)**

☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.**

☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.**

INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:

_____

_____

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.

Signature of Applicant[1] (owner or prime contractor)	September 16, 2021 **Date Signed**
E. Dean Taylor, Jr. **Printed Name[1]**	Chief Executive Officer **Title**

[1]This application shall be signed as follows:

- **For a corporation, by a responsible corporate officer.**
- **For a partnership, by a general partner.**
- **For a sole proprietorship, by the proprietor.**

For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official

Please submit the LCNOI form to:

Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

EXECUTIVE SUMMARY

Willis Engineering Inc. has prepared this Stormwater Pollution Plan (SWPPP) for Milwaukee Tool Company located in the Business and Technology Park North, Grenada County, MS and more specifically being in Section 24, Township 23 North, Range 4 East, Grenada County, Mississippi. The plan has been prepared in accordance with the provisions of the Clean Water Act, the National Pollution Discharge Elimination System, and the requirements of the Mississippi Department of Environmental Quality. This plan is being prepared to accompany an LCNOI in accordance with the General Permit.

The report is divided into sections and provides the user with information relating to the measures to be taken by the contractor to control the stormwater discharges during the construction phase of the project. A summary of the information presented in each section is as follows:

- **Section 1.0** Introduction - outlines the detailed location of the project, scope of the project and the purpose of the plan.
- **Section 2.0** Construction Activities - provides detailed information regarding the construction activities and measures to be taken by the contractor both during and after construction to ensure proper management of the stormwater generated on site.
- **Section 3.0** Post-Construction Stormwater Management - outlines the post-construction stormwater practices and controls for this project.
- **Section 4.0** Maintenance/Inspection Procedures - presents information about the maintenance and inspection procedures to be used for this project.
- **Section 5.0** Material Management/ Spill Prevention - outlines the material management practices and spill prevention measures for the project.
- **Appendices:**

Appendix I	Vicinity Map (USGS Quadrangle Map)
Appendix II	Site Plan
Appendix III	Erosion Control Plan
Appendix IV	Erosion Control Construction Details
Appendix V	U.S. Army Corps of Engineers Permit (if applicable)

STORMWATER POLLUTION PREVENTION PLAN

MILWAUKEE TOOL COMPANY

GRENADA COUNTY

1.0 INTRODUCTION

Milwaukee Tool Company proposes to construct a new facility on approximately eighty (80) acres in Section 24, Township 23 North, Range 4 East, Grenada County, Mississippi. The project will utilize surface drainage and subsurface drainage to manage stormwater both during and after construction. The purpose of this plan (SWPPP) is to accompany the LCNOI and outline the minimum standards, practices, and requirements necessary for the contractor to meet requirements of the Environmental Protection Agency (EPA) and Mississippi Department of Environmental Quality (MDEQ) regarding treatment and discharge of stormwater.

2.0 CONSTRUCTION STORMWATER MANAGEMENT ACTIVITIES

Major construction activities associated with the project will include, but not necessarily be limited to clearing and grubbing, earth moving, site grading, installation of subsurface drainage and utilities (including dewatering, if applicable), construction of building, construction of parking lot, construction of truck access, and ancillary construction.

2.1 Sequence of Major Construction Activities

Major construction activities will be scheduled and carried out in a manner consistent with routine construction practices. The following list provides a general schedule of the events that will occur during construction as well as the sequence in which the events are proposed:

1. Clearing & Grubbing;
2. Installation of temporary erosion control devices at appropriate times;
3. Mass Grading of site;
4. Construction of Building;
5. Construction storm drainage system;
6. Construction of site utilities;
7. Construction of entrances, parking lot, and truck access;
8. Final grading;

9. Cleaning and/or removal of temporary erosion control devices.

2.2 Timing of Control Measures

Major stormwater control structures will be completed before any grading or surface demolition activities are initiated. Areas which have been disturbed by construction activities will be stabilized to prevent erosion and sedimentation. Once site construction is complete, the entire site will be stabilized with permanent erosion control measures.

2.3 Stabilization Practices

Construction entrances and all interior construction areas will be monitored for excessive buildup of mud and/or dirt from the site. Disturbed areas of the site and stockpiled soil will be stabilized with temporary seed and mulch as needed. Disturbed areas of the site where construction activities have permanently ceased will be stabilized with permanent seed, sod, or pavement no later than fourteen (14) days after the last construction activity.

2.4 Grading Activities

Site grading activities will include placement of on site fill material within the project limits. The majority of the grading will occur during the first six (6) months of construction and will be focused on shaping the site to final grades. Due to the topography of the area, no off-site fill material will be required from outside the project limits.

2.5 Erosion and Sediments Controls

During construction, care will be taken to manage stormwater, and the contractor will implement appropriate erosion and sediment control to retain sediment on site. The objective of the plan will divert upslope water around disturbed areas, limit exposure of disturbed areas to the shortest time possible, disturb the smallest area possible, preserve vegetation where possible, and slow rainfall runoff velocities to prevent erosion. A variety of vegetative and structural controls will be used.

2.5.1 Vegetative Controls

Construction will proceed in a planned sequence, and every attempt will be made to preserve existing vegetation in order to reduce erosion. All disturbed sites will be managed and revegetated no later than fourteen (14) days after grading. Soil stabilization-vegetative

stabilization measures must be initiated whenever any clearing, grading, grubbing, excavating, or other land disturbing activities have temporarily or permanently ceased on any portion of the site and will not resume for a period of fourteen (14) calendar days or more. The appropriate temporary or permanent vegetative practices shall be initiated immediately. For the purposes of this permit, "immediately" is interpreted to mean no later than the next work day. Where applicable, disturbed areas will be stabilized by temporary seeding, permanent seeding, mulching, sod stabilization, and/or vegetative buffer zones.

2.5.1.1 Temporary Seeding

Temporary seeding is proposed for soils that remain stockpiled for more than fourteen (14) calendar days. These areas will be planted in accordance with the plant schedule, rate of application, and planting preparation outlined in the Mississippi Department of Environmental Quality seeding chart.

2.5.1.2 Permanent Seeding

Permanent seeding will be established on disturbed surfaces on the project site upon final grading and other activities.

2.5.2 Structural Controls

In addition to the vegetative practices referenced above, certain structural erosion control measures shall be implemented as needed. These measures include diverting flows from exposed soils, or otherwise limiting runoff from exposed areas. Other structural devices will include straw wattles, silt fence, drainage swales, rock check dams, and stormwater detention basins.

2.5.2.1 Stabilized Construction Entrance/Exit

Stabilized construction entrances will be installed to help reduce the vehicular tracking of sediments onto public roads. These stabilization areas will consist of a layer of natural stone or other acceptable material to a depth of at least six (6) inches and length of at least fifty (50) feet prior to the intersection of any public road.

2.5.2.2 Silt Fencing and Sediment Barriers

Silt fencing and sediment barriers will be installed to intercept and detain sediment from disturbed areas during construction activities. Silt fencing will consist of synthetic fabric or burlap and will be attached to supporting posts and entrenched. Sediment barriers will be constructed of staked straw bales, filter fabric, natural stone, concrete riprap, straw wattles, or other acceptable materials. These structures will be installed downslope of disturbed areas or in minor swales or ditch lines that have been constructed for the sole purpose of stormwater

drainage. Silt fencing and sediment barriers will not be installed in live streams or in areas where surface flow is anticipated to exceed 1 cfs.

2.5.2.3 Temporary Sediment Basins

Temporary sediment basins will be constructed at locations indicated on the plans and will allow sediment contained in stormwater runoff to be deposited prior to being discharged from the site. Once temporary sediment basins are one-half (50%) full, the sediments shall be removed from the basin.

2.5.2.4 Other Structural Controls

Other structural controls may be implemented into the erosion control plan and the required materials, objectives and details will be indicated in the plans.

3.0 POST-CONSTRUCTION STORMWATER MANAGEMENT

Post-construction stormwater management will be accomplished through the use of surface drainage and subsurface drainage. Regular maintenance (including grass mowing), cleaning, and inspections will be conducted every six (6) months to ensure the subsurface drainage system and stormwater detention basins operate at maximum efficiency.

4.0 MAINTENANCE/ INSPECTION PROCEDURES

All stormwater control measures outlined above will require routine inspection and periodic maintenance during the duration of construction. The contractor will be required to inspect all stormwater control devices on a scheduled basis and perform all necessary maintenance measures to ensure their proper function during construction activities.

4.1 Construction Inspection and Maintenance Practices

In order to ensure the effectiveness of the erosion and sediment control practices incorporated into this plan, the contractor will inspect and maintain the stormwater control devices referenced above during construction of the project. These devices will be inspected and maintained as follows:

1. All erosion and sediment control measures will be inspected weekly with a minimum of 4 per month and after rainfall events that produce a discharge.

2. All measures will be maintained in good working order and repaired within twenty-four (24) hours of any reported problem.

3. Sediment buildup behind silt fences or barriers will be removed when it has reached one-half (2) of the height of the barrier.

4. Silt fences and silt barriers will be inspected for depth of sediment, tears, breaches, and general integrity on a weekly basis.

5. A maintenance inspection report will be made after each inspection and filed on the job site by the site contractor.

4.2 Post-Construction Inspection and Maintenance Practices

Upon completion of construction, and in order to ensure the effectiveness of the drainage system and stormwater management features described in this plan, the owner will inspect the stormwater system as part of its overall site inspection and maintenance program. The system will be inspected and maintained as follows:

1. Yard and lawn areas will be maintained by regular mowing during the growing season to keep grass to an acceptable length.

2. Every six (6) months, ditches, swales, inlets, drainage culverts, stormwater basins will be inspected. Any ditches, swales or culverts that have become overgrown or clogged will be corrected within 72 hours.

3. Any areas of the site that show signs of erosion will be grassed by or sodding stabilized within seven 7 days.

4. Stormwater basins will be inspected for stable banks or side slopes, deposition of sediment and overgrowth of vegetation. Once sediment deposits take up 10 % of the designed volume of a detention basin, the sediment will be removed, and the basin restored to its designed volume. All deficiencies in overgrowth of vegetation, instability of erosion of side slopes or loss of volume due to sediment will be corrected within seven (7) days.

5. A maintenance inspection report will be made after each inspection and filed on the site by the owner/developer.

5.0 MATERIAL MANAGEMENT PRACTICES / SPILL PREVENTION

In addition to the erosion and sediment control measures that will be implanted both during and after construction, the owner will require certain material management and spill prevention measures to prevent impacts to water quality.

5.1 Good Housekeeping

The following good housekeeping practices will be followed on site during the construction project:

1. All materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
2. Products will be kept in their original containers with the original manufacturer's label.
3. Manufacturer's recommendations for proper use and disposal will be followed.
4. The site superintendent will inspect the site on a daily basis to ensure proper use and disposal of materials on site.

After construction, the contractor will utilize good housekeeping practices to prevent the accidental release of contaminants and/or pollutants from entering the surrounding surface waters.

5.2 Spill Control Practices

The following practices will used to reduce the risks associated with any spills of materials during the construction phase of the project:

1. All spills will be cleaned up immediately after discovery.
2. Spills of toxic or hazardous materials will be reported to the appropriate government agency.
3. Materials and equipment necessary for spill cleanup will be kept in the material storage area on site. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, googles, absorbent material, sand, sawdust, and plastic and metal trash containers.

5.3 Waste Disposal

All waste materials will be collected and stored in a covered metal dumpster provided by a licensed solid waste management company in Grenada County, Mississippi. All construction debris and trash will also be deposited in the dumpster. No construction waste will be buried on site. All personnel will be instructed regarding the correct procedure for waste disposal. All hazardous waste materials will be disposed of in the manner specified by the local or state regulation or by the Material Safety Data Sheets (MSDS) provided with the particular waste material. All sanitary waste will be collected from the portable units as required.

Once site development is completed, the developer will utilize appropriate solid waste disposal procedures commensurate with the type of solid waste generate at the site. All sanitary waste generated on the site will be discharged to public utility system.

MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:
- **A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit**
- **A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit**
- **A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.**

Additional submittals may include the following, if applicable:
- **Appropriate Section 404 documentation from U.S. Army Corps of Engineers**
- **Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction**
- **Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements**
- **Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties**

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

RECEIVED
SEP 22 REC'D
Dept. of Environmental Quality

RECEIVED
SEP 2 1 REC'D
Dept. of Environmental Quality