

SCOPE OF WORK

Prepared by
Ric Davis
Township Supervisor

Reviewed for Form and Process by

Greg Need
Township Counsel

Gerry Fisher
Special Counsel

Review and Concurrence Statement

This document has been reviewed by Township Counsel and Special Counsel. Counsel approve the process outlined herein and concur that the process described is legally sufficient and consistent with applicable law and Township procedures.

Such review does not alter the supervisory authorship of this document but reflects counsel's agreement as to the legal validity of the process described.

Scope of Work (SOW)

Independent Environmental Review – Burroughs Gravel Mine Application

Location: Springfield Township, Michigan

Prepared by: Ric Davis, Springfield Township Supervisor

Purpose and Guiding Principle

Springfield Township will commission an independent, science-based review of the environmental studies submitted by Burroughs Mining, as part of their gravel mine Special Land Use request.

This review is a proactive measure to ensure decisions are informed by verified facts, expert analysis, and community interests, not assumptions or outside pressure. The purpose is not to oppose or endorse the application prematurely, but to create the conditions for sound, lawful, and community-conscious governance.

Directive from the Supervisor

This review shall be entirely fact-driven and impartial.

Independent experts must approach their task without predisposition toward approval or denial of the application.

All work products, draft or final, must be reviewed and approved by the Springfield Township Supervisor prior to any public release or distribution.

Public communication of findings must align with the Township's commitment to transparency, clarity, and due process.

All professional services rendered under this Scope of Work shall be conducted in accordance with the prevailing standards of care, skill, and diligence practiced by qualified professionals in the field of environmental and land-use review.

Strategic Objectives

Determine the scientific validity of all environmental studies submitted

Protect Springfield Township's natural resources, public health, and infrastructure

Provide a clear, neutral, and trustworthy assessment for Township officials and residents

Ensure public decisions are guided by truth, not influence

Identify any cultural, historic, or tribal resources that may be affected and ensure compliance with state and federal expectations

Evaluate both individual and cumulative environmental impacts to ensure a complete understanding of community risk

Environmental Review Focus Areas

Groundwater and Hydrogeology

Evaluate aquifer integrity, flow modeling, residential well impact, and contamination risk

Include analysis of off-site impacts to connected hydrologic systems

Stormwater and Surface Water Runoff

Evaluate the applicant's stormwater management plan

Assess erosion, sedimentation, flood potential, and downstream impacts on wetlands, prairie fens, and streams

Air Quality and Dust Control

Analyze particulate and silica dust projections and alignment with state and federal health standards

Assess the probability of dust migration beyond the proposed mining site

Noise and Vibration Impact

Review operational sound levels and vibration effects on nearby homes, schools, wildlife, and infrastructure

Ecological and Wildlife Assessment

Assess impacts on sensitive ecosystems, including prairie fens and other wetlands

Evaluate risk to rare or endangered insect, animal, and plant life within and beyond the project area

Determine whether proposed activities could disrupt ecological corridors or habitat continuity

Traffic and Infrastructure Stress

Examine projected truck volumes, road wear, pedestrian safety, and emergency access implications

Reclamation and Post-Mining Land Use

Assess feasibility of the reclamation plan, timeline, and long-term land use compatibility with the Township Master Plan

Regulatory Compliance

Confirm alignment with Michigan EGLE standards, Springfield Township Zoning Ordinances, and applicable federal environmental policies

Proximity to Existing Contamination

Evaluate cumulative or compounding environmental risks associated with the nearby Superfund site

Assess whether mining activities could alter hydrological or airborne pathways that increase contaminant spread

Property Valuation Impact

Assess potential impacts on residential and commercial property values surrounding the proposed mining site

Include comparisons to similar mining operations in other municipalities

Consider both short-term and long-term market effects, including development limitations

Cultural, Historic, or Tribal Resources

Identify any known historic, archaeological, or tribal resources in or near the site

Determine whether any federal or state cultural resource reviews are applicable

Cumulative Environmental Impact

Assess combined effects when considering nearby industrial uses, natural resource vulnerabilities, and community exposure levels

Emergency Preparedness and Response

Evaluate the applicant's emergency response and mitigation plans

Assess readiness for environmental accidents, contamination events, or hazardous material situations

Consider coordination capabilities with local first responders and Township emergency personnel

Deliverables and Approval Protocol

Initial Document Review

Memo identifying completeness, deficiencies, or missing elements in the applicant's submission

Technical Evaluation

Full scientific assessment by discipline-specific experts

The expert team must identify any deficiencies, inconsistencies, or unsupported assumptions in the applicant's materials

Consultation on Additional Needs

If additional data, analysis, testing, or third-party review is required for a complete perspective, the expert team must promptly consult with the Township Supervisor and legal counsel to recommend next steps

All deliverables must present a complete and logically supported evaluation, leaving no relevant issue unaddressed

Comparative Risk Matrix

Side-by-side comparison of applicant data with scientific and industry standards

Risk Summary

Identification of potential environmental, health, safety, or economic risks, including the likelihood and scale of off-site impacts

Public Summary Report

A plain-language version of findings designed for public meetings and engagement

Must be reviewed and approved by the Supervisor prior to release

All deliverables must be easy to read and understandable by the general public

Visuals, charts, graphs, and maps should be used to communicate key findings

Presentation materials must be suitable for use at public meetings and on the Township website

Public Input Integration

Where appropriate, deliverables should acknowledge relevant themes or concerns raised by residents during public comment periods or hearings

Expert Testimony

Availability for presentations at Township Board meetings or public hearings when requested

Community Q and A Session

The expert team may participate in a virtual or in-person Q and A session at the Township's discretion following Supervisor-approved report release

Ongoing Monitoring Recommendations

Experts must provide recommendations for ongoing environmental monitoring, compliance checks, and post-approval oversight if the project is granted approval

Personnel Documentation Requirement

All participating professionals must submit

CVs or resumes

Areas of expertise

List of subcontractors

Statement confirming independence from the applicant or related parties

A signed declaration affirming no financial interest, current contract, or pending agreement with the applicant or affiliated parties

Deadline for submission: [Insert Date]
All documents must be provided in PDF format

Confidentiality and Oversight

All findings, reports, and supporting documents are the property of Springfield Township
No information may be publicly released, published, or distributed without written approval by the Springfield Township Supervisor

All communications must comply with Michigan FOIA requirements and Township transparency policies

All participating consultants and contractors shall treat all data, draft reports, communications, and internal documents as confidential unless expressly authorized in writing by the Township Supervisor. Unauthorized disclosure will be considered a breach of contract and may result in legal or professional consequences

Use of Findings

All final reports and supporting documentation may be used by the Township in public meetings, zoning decisions, regulatory agency communications, or legal proceedings

Any use or representation of these findings outside of official Township actions must receive prior written approval from the Township Supervisor

Disclaimer

The findings and conclusions presented by the expert team are those of the independent consultants and do not necessarily reflect the official position of Springfield Township
The Township shall not be held liable for any errors, omissions, or conclusions made by contracted parties involved in the review

Governing Law

This Scope of Work shall be governed and interpreted under the laws of the State of Michigan.
Any disputes arising from the execution or interpretation of this document shall be subject to the jurisdiction of Oakland County Circuit Court

Approved by

Ric Davis
Springfield Township Supervisor
Date: _____

Acknowledged and Agreed by *(if applicable)*

[Consulting Firm Name]
Authorized Representative Name and Title
Date: _____

Appendices (To Be Attached as Needed)

Appendix A: Public Comment Summary

Appendix B: Site Maps and Zoning Data

Appendix C: Reporting Format Templates

Appendix D: Consultant Contract Agreement (if applicable)