

5.4 In all cases operators and the landowner or person owning the mineral rights in the soil shall be responsible for and comply with all the terms and provisions of this Ordinance. An application for a soil moving permit shall set forth the following information and be accompanied by the following data:

- A. Full identification of the applicant and all persons to be directly or indirectly interested in the soil moving permit if granted;

Busch Drive Concrete LLC. Same principal operating group as Grand Rapids Gravel / Dykema Excavators Inc.

- B. The business address of the applicant;

**1730 3 Mile Rd, NE
Grand Rapids, MI 49505**

- C. A complete physical and legal description (including street address of location where applicable) of the land to which the soil moving permit is to apply (the legal description shall be certified by a registered civil engineer or land surveyor);

Parcel Numbers:

**70-10-33-100-005: Busch Drive Concrete LLC
70-10-33-100-018: Busch Drive Concrete LLC**

A Legal description is on the enclosed plans.

- D. A topographic map, certified by a registered civil engineer or land surveyor and prepared with four foot contours, covering the land upon which the soil moving is to take place, and 300 feet, so far as possible, outside the exterior boundary of that land;

Please see enclosed.

- E. The exact nature of the proposed soil moving; the type of soil to be moved, removed, excavated, mined, or dumped; and an estimate of the approximate number of cubic yards of soil involved;

The proposed plans show creating a smaller body of water that will have water access from our two parcels. This will include removing 2" – 4" of Top soil and then subsequent red dirt and gravel. Our borings show gravel upwards of 25' below current elevation.

- F. A statement that none of the soil which will be subject to the soil moving permit will be contaminated soil, defined as soil onto which available evidence indicates a hazardous substance (as defined in the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, or as defined in a subsequent federal law) was spilled, spread, disposed, or deposited;

There is no knowledge of any contaminated soil on the site.

- G. A further detailed description, by maps or otherwise, of the contour and condition of the land as it will be left upon completion of the soil moving, including a description of any landscaping to be done or other stabilization control to be employed to leave the land in a reasonably level and usable condition, and to prevent erosion, dust, or other nuisance conditions;

The end use should show a body of water with access from two different parcels. We are abiding by the 1:3 slope requirements and feel comfortable that this will prevent erosion. There should be no erosion off-site.

- H. A statement of the manner in which the soil moving work is to be completed and the kind of equipment proposed to be employed;

The earthwork will be completed with excavators, frontend loaders, water pumps, screeners, and sand screws. The first phase would include the processing of road gravel (there are a few feet of red dirt material), but that would be the only crushing (2 week period), of the entire project. This crushing would take place within the first year of receiving a permit.

Mining will start with the striping of top soil that will remain onsite. All top soil will be stripped and put into the SE quadrant of the site. Next will be a removal of roughly 3-4' of red(ish) gravel that will be used to make road gravel that will be trucked from the site. This stockpile is also proposed to be in the SE quadrant of the site.

The next mining of gravel to wash and process on site will be at the very west edge (within the setbacks), moving from N/S and vice versa. Short stretches moving North and South allow us to most efficiently move dirt. This also keeps us further away from residential homes as we start on the West end and work East. Our screening equipment is portable so it can continue to move East just in front of us. We do not intend to create large stockpiles that would be left for long periods of time and be in our way. We intend to remove the material as we dig, screen, and move East. It is worth noting that some material will not be screened and will be hauled directly off-site as 'bank run' material.

The last bit of mining to take place will be within the 500' setback area and that material will not be screened, but just hauled directly off-site.

- I. The route which the applicant proposes to use over public streets and over private property in transporting the soil;

The vast majority of truck traffic is expected to head NW on Linden drive towards M-45.

- J. The past experience of the applicant in the matter to which the soil moving permit pertains and the name, address, and past experience of the person to be in charge of the soil moving;

Grand Rapids Gravel / Dykema Excavators: Millennium Park, Boulder Creek Golf Course, Versluis Lake, etc.

- K. Whether or not any similar permit to or application from the applicant has ever been revoked, suspended, or denied, and the circumstances of any such action;

The applicant was denied a permit from Thornapple Township to mine a 40-acre piece of property in which the applicant did not own. The applicant was making application for a different landowner and was not able to secure the permit due to circumstances outside our control.

- L. The time within which the soil moving is to be commenced after the granting of the permit and the time when it is to be completed;

Soil removal of the portion not requiring an EGLE permit would commence immediately after a permit is received. This portion would include the striping of top soil, road gravel creation, and any gravel extraction above water table.

We are seeking a seven (7) year permit in order to complete all phases and reclamation of the project, with the hope of completing sooner.

- M. Upon the request of the applicant, all or part of the requirements contained in this subsection may be waived by the Township Zoning Administrator at the time the application is filed, but any waiver shall not preclude the Township Board from requiring at a later time that the information required by this subsection be provided to the Township before action is taken on the application for the permit;

- N. The measures that will be taken by the applicant to control noise, vibration, dust, and traffic;

Watering when necessary will be used to control dust. We have mining standards to abide by to control noise at the property lines. We do not intend to exceed 75 decibels at the property lines.

- O. A description of any traffic control devices, public facilities, or public services which will be required for the proposed soil moving, and a statement as to how and by whom the applicant proposes that the costs thereof be paid;

The applicant will path an entrance to the site with a curb cut approved by the OCRC. There is no other request for public facilities or public services.

- P. Any measures which the applicant proposes to take to ensure public safety, the exclusion of children from the land in question, and the lateral support of surrounding land, buildings, structures, or other improvements; and

Gates and fences will be used to secure the site and keep out trespassing.

- Q. Such further information as the Township may reasonably require.

Section 6 – Restrictions Governing Permit Holder

6.7 – Provide more detail for the processing area (i.e. location of equipment, stockpiles, height of stockpiles, how it will move when its area is to be excavated, etc). While there is a setback line (thank you) please be clear which side of the line (even though it is obvious) the processing will be located. Show that stockpiles “fit,” their materials, height, etc. Also, you indicate that crushing will last two weeks. When will that occur? The first two weeks? Middle?

The two week crushing period would be in the beginning of the operation. We would need to work with a road gravel producer in order to align and fit their schedule. This would hopefully be within the first 3 months after receiving a mining permit from The Township.

We have portable machines that will stay close to our excavator and frontend loader. These machines are on tracks and are very easy to move. As the machine will only produce 4 products at a time, we will not have any issue moving the material off-site before a large stockpile (above 20') is reached.

6.14 – Is any soil being kept on site for the banks?

Top Soil to be kept onsite to stabilize the banks.