



# Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR

SEAN D. LOGAN, DIRECTOR

Division of Mineral Resources Management

3601 Newgarden Rd  
Salem, OH 44460-9571  
Phone: 330-222-1527  
Fax: 330-222-2137

Attn: Shawn D. McGee  
Hull & Associates, Inc.  
4 Hemisphere Way  
Bedford, Ohio 44146

Subject: Mining Application IM-10428

Dear Shawn D. McGee,

After reviewing the mining application the following revision are necessary.

Application map:

1. Identify the landowner to the west of the permit, adjacent to S.R. 176. If property is not owned by the permit holder permit acreage will need to be revised. Also a statement will need to be added that no mining will take place within 50' of the adjacent landowners property.
2. Show section lot lines.
3. Location map shows location is in Westlake, please revise.
4. Existing Stream line needs to be blue.
5. Existing and proposed sediment ponds and permanent impoundments shall be shown on the map and identified by name and number outlined in blue.
6. VMS coordinates need to be shown on the map.
7. Add S&M under owners name showing they have surface and mineral rights. If only surface rights are held please identify on the map, same with mineral rights.
8. Show within 500' Utility lines, buildings, and S.R. 176 right of way. Is the fence line the edge of the right-of-way?
9. GDR reports in the application and test holes on the application do no match. GDR reports are number 1,2,4 test holes are numbered on the application 1,2,3.
10. Revise map scale to 1 inch equals 100 feet to show are within 500' of the permit or extend map at current scale to include area within 500'.

Geological Data reports:

1. Is GDR #3 miss labeled as GDR#4? GDR #4 or #3 show material to be produced.
2. Mining plan indicates maximum mining depth will be 40 feet. Indicate additional clay strata on GDR reports as needed. Indicate strata 5 feet below the deepest level of mining.

Cross Sections:

1. Mining plan indicates 8.2-acre pond will be the final landform. Cross sections do not support an impoundment of 8.2 acres.
2. Cross section A'-A' show degree of final slope, south end.

Application:

1. Question #10 revise Estimated Total Production.
2. Question #14 change no to yes. There is a land use plan area is zoned G1-B1
3. Question #18 be specific regarding equipment to be used.
4. Question #26 Future intended land use will be an open vegetated water impoundment. Question #28 indicates the total permit area will be an impoundment. Does final landform need to be changed to pasture or undeveloped land with an impoundment?
5. Question #28 Impoundment: Average depth must be 6 feet. Estimated Surface area 8.2 acres is this correct?
6. Question #34 Expand and explain how the seedbed will be prepared.
7. Question #37 Break down Nurse crop from grasses. Two Legumes are needed.

Lease/ Deed:

1. Lease/ Deed affidavit is needed for "Bradley Road, Inc." property.

Certificate of Insurance:

1. Business address on the Certificate of Insurance needs to match the permit address.

Zoning Statement:

1. Please include a sworn statement by the applicant that, during the term of any permit issued the applicant will comply with all applicable zoning resolutions or ordinances.

Public Road Statement:

2. Please include a statement by the applicant certifying that the applicant has communicated with the county engineer of the county in which the proposed surface mining operation is located.

Sedimentation Basin Design:

1. Question #3. B) is not correct. Sediment storage volume 0.74 ac. ft. is provided below the 616.77-foot elevation. This number cannot be correct if the Principal spillway inlet. is 615.0
2. Question #3. C) 1. Bottom of pond calls for surface Area Ac. You have 4,616, please designate square feet or change to an acreage figure.
3. Pond design is not sufficient for ORC 1514. ORC 1514 requires 0.2 acre feet per acre of land affect. Pond needs a minimum storage volume of 1.64 ac ft. Revise accordingly or add additional pond for sediment control.

Tom Hill  
DMRM Inspector

**1**  
 SHEET  
 1  
 DATE: 11/10/11  
 PROJECT: SITE PLAN FOR MINING PERMIT APPLICATION FOR T.V. INC. GRADING  
 CLIENT: Hill & Associates, Inc.  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 SCALE: [Blank]  
 DATE: [Blank]  
 PROJECT: [Blank]  
 CLIENT: [Blank]

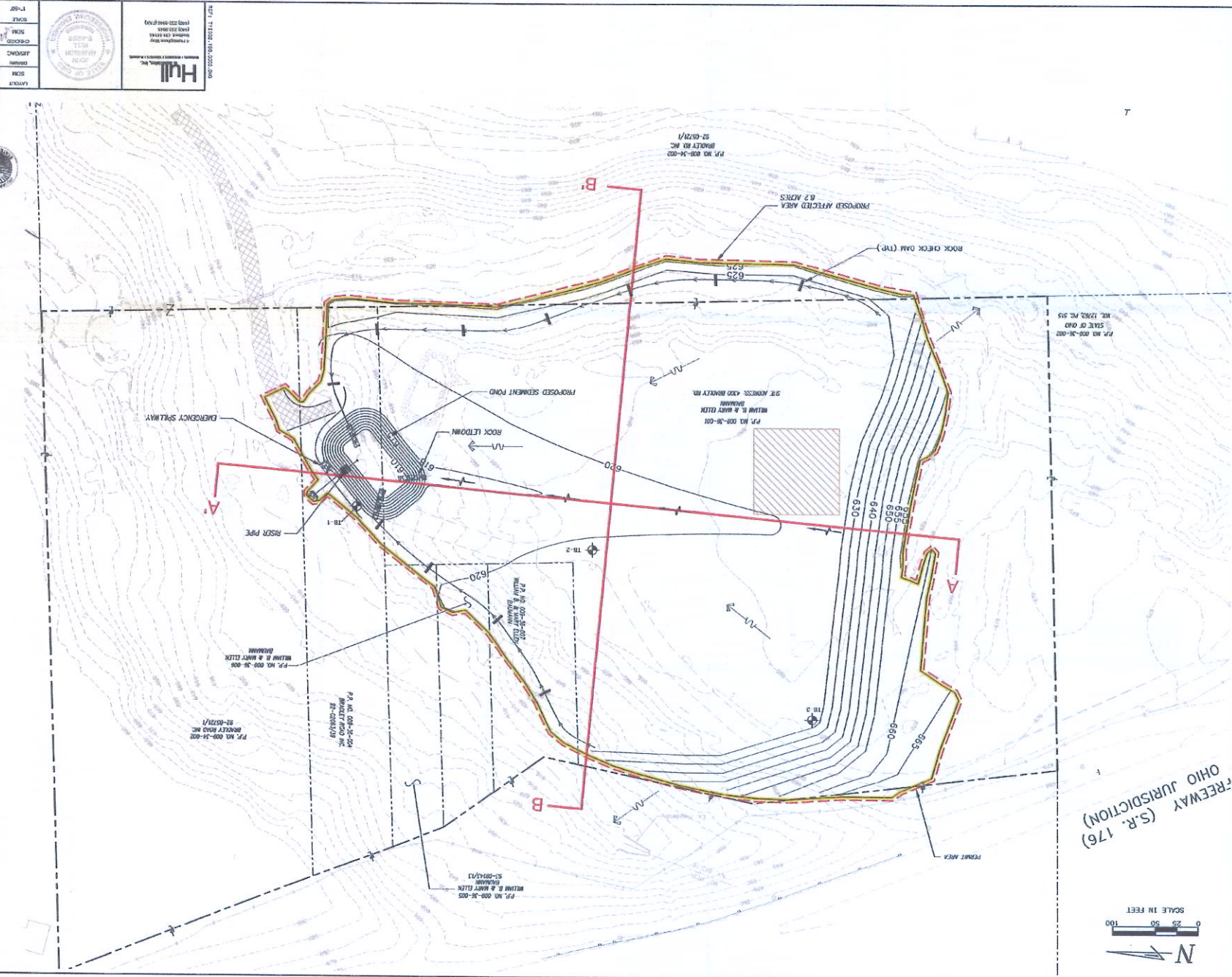
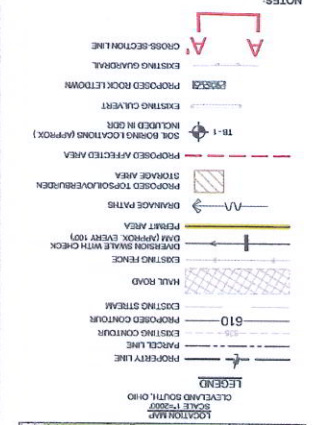
CONTOUR INTERVAL: 5'  
 APPROXIMATE CENTER COORDINATE COMPARISONS:  
 41° 28' 00" N 81° 41' 00" W

**PRINCIPAL**  
 Date: [Signature]  
 Title: [Signature]  
 Hill & Associates, Inc.  
 11000 W. 12th Street, Suite 100  
 Cleveland, Ohio 44115  
 Phone: (216) 431-1100  
 Fax: (216) 431-1101  
 Website: www.hillandassociates.com

8.2	AREA IDENTIFIED BY YELLOW HATCHED LINE
8.2	TOTAL ADVANCED IN PERMIT AREA IDENTIFIED BY YELLOW HATCHED LINE

**SURFACE & MINERAL OWNERS:**  
 BRADLEY ROAD, INC.  
 WILSON AND MARY ELLEN BRADLEY  
 MR. & MRS. BRADLEY

**NOTES:**  
 1. BASE MAP TAKEN FROM CHICKEN VALLEY ENGINEERING, LTD. - GRADING AND DRAINAGE PLAN DRAWING (REVISION DATED 11/7/09).  
 2. THE LOCATION OF THE TEMPORARY TOPSOIL BANKING AREA, AREA A MAY CHANGE DEPENDING ON CURRENT BANKING AREA.  
 3. PROPOSED AFFECTED AREA LINE OFFSET FROM PERMIT AREA FOR CLARITY.



FREEWAY (S.R. 176)  
 OHIO JURISDICTION

