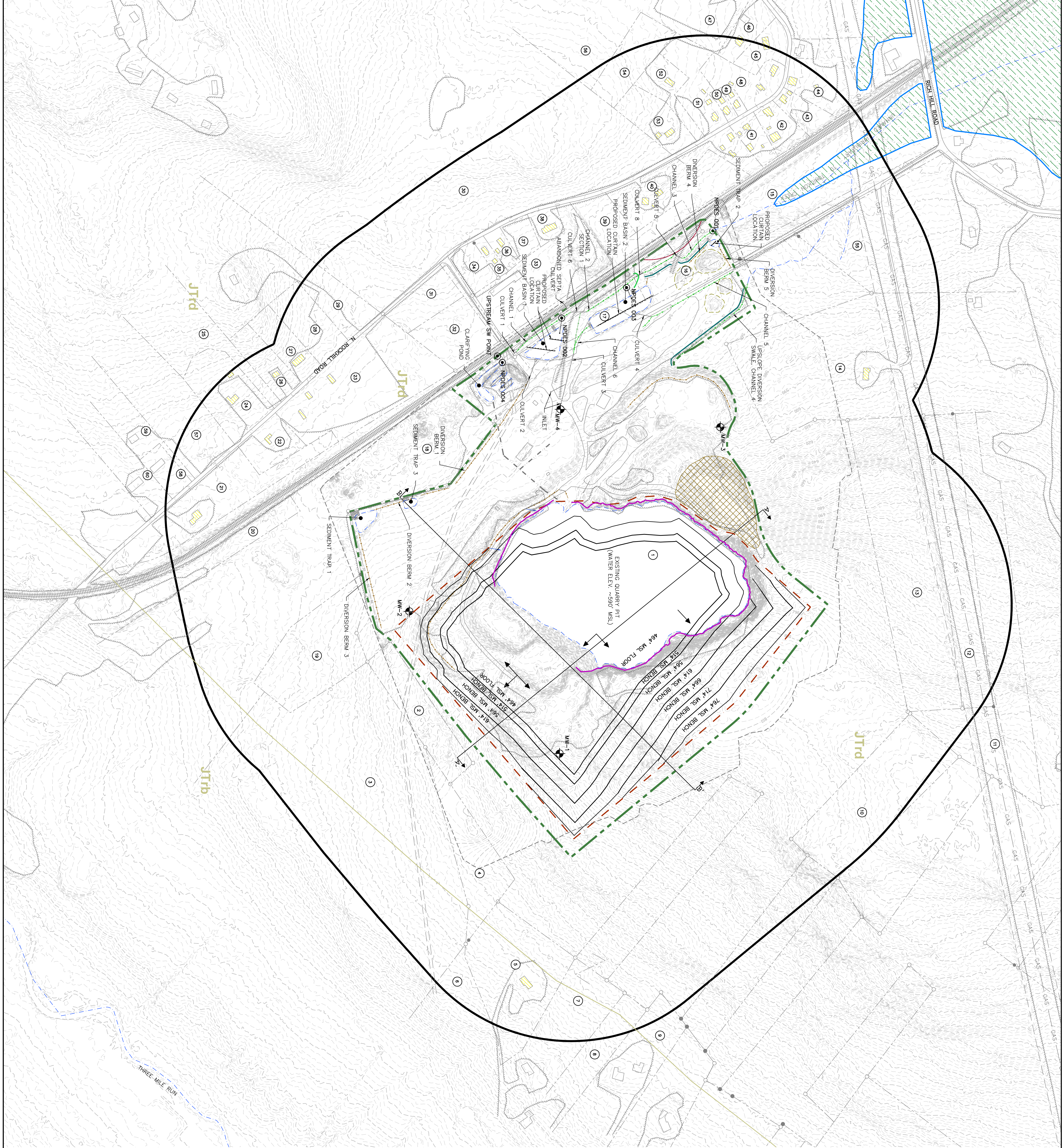


LEGEND

- | | |
|---|--------------------------------------|
|  | EXISTING GRADE CONTOUR (2' INTERVAL) |
|  | EXISTING SWAP BOUNDARY |
|  | LIMIT OF MINING |
|  | 1,000' SWP OFFSET |
|  | PRE-ACT HIGHWALL |
|  | PROPOSED BENCHING |
|  | 300' BUILDING SETBACK |
|  | LIMIT OF HEDDERBERG DRONE SURVEY |
|  | EXISTING RIGHT OF WAY |
|  | PROPERTY BOUNDARY |
|  | EXISTING QUARRY PILE |
|  | DEWATERING/INTERCEPTOR PIPE |
|  | EXISTING SURFACE WATER |
|  | EXISTING RAILROAD |
|  | EXISTING TREELINE |
|  | EXISTING GAS PIPELINE |
|  | EXISTING DRAINAGE CHANNEL |
|  | EXISTING DIVERSION BERM |
|  | EXISTING PERIMETER BERM |
|  | (PRECAST CONCRETE BLOCKS) |
|  | EXISTING FILTER BERM |
|  | TEMPORARY COMPOST FILTER SPOOK |
|  | AGGREGATE PILES FOR REMOVAL |
|  | EXISTING BUILDING – RESIDENTIAL |
|  | NIDES DISCHARGE POINT |
|  | NIDES 001 |
|  | OVERBURDEN/TOPSOIL STORAGE |
|  | NMI WETLANDS |

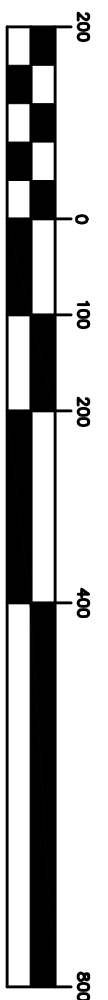
GEOLOGIC LEGEND

- GEOLGIC CONTACT
 JTrb
 BRUNSWICK FORMATION
 JTrd
 DIABASE

NOTES
1 EX

1. DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY, DATED JUNE 2010.
2. GEOLOGIC MAP OF THE STATE OF PENNSYLVANIA, WAS SURVEYED BY
3. HEDBERG PERSONNEL, ON DECEMBER 7, 2020.
4. EXISTING PERMIT INFORMATION INCLUDING PERMIT BOUNDARY, MINING LIMIT, DEPTH OF MINING, AND PRE-ACT HIGHWALLS ARE REFERENCED TO THE
5. LEO, DATED MARCH 18, 1960.
6. SHEET 3 OF 6 PREPARED BY STELLI AND
7. HEDBERG PROPERTY BOUNDARY PROVIDED BY VAN CLEEF ENGINEERING ASSOCIATES WAS TITLED "PLAN OF SURVEY OF LANDS OF GENERAL DATED MAY 20, 2001"
8. ADJACENT PARCEL BOUNDARIES ARE REFERENCED TO THE BUCKS COUNTY GIS
9. FMS RECORDS. REFLECT THOSE DEPICTED IN THE NATURAL WETLANDS INVENTORY
10. FMS WETLANDS MAPPER.
11. PROPERTY OWNERSHIP INFORMATION IS REFERENCED TO MODULE 5 OF THE
12. STREAM INFORMATION IS REFERENCED TO THE PA DEP APPA ONLINE RECORDS.
13. REFER TO THE EAS PLAN BRANIGAN FOR LOCATION OF ALL EROSION LAND
14. GEOLOGIC OBTAINED FROM PAGEONE, PA. GEOLOGIC DATA EXPLORATION, WWW.GIS.STATE.PA/PADEP/GEOLGY(2019).

GRAPHIC SCALE

[illegible]