SUMMARY OF AFFECTED AREAS

162.9	ACRES COAL REMOVAL (97.8 Ac. #9 coal, 151.9 Ac. #8 and #8A coal)*
145.2	ACRES SPOIL STORAGE
5.9	ACRES SEDIMENT PONDS
0.0	ACRES HAUL ROADS
114.3	ACRES AUGERING (Includes 68.8 Ac. #8 coal Highwall Miner Area, 81.9 Ac. #9 coal and 39.9 Ac. #8)*
0.3	ACRES TOPSOIL (OUTSIDE COAL REMOVAL)
428.6	ACRES TOTAL PROPOSED AFFECTED AREA

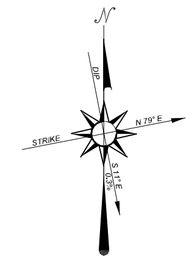
*The totals for "Acres Coal Removal" and "Acres Augering" do not reflect the same amounts as the breakdown of the coal seams due to overlapping.

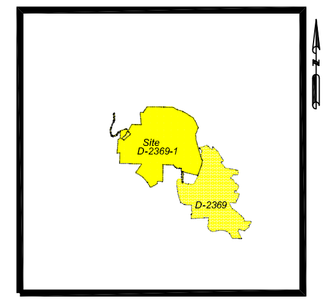
SUMMARY OF AFFECTED AREAS

144.1	ACRES COAL REMOVAL (#8 and #8A coal)(Includes 135.6 acres #9 coal)
118.6	ACRES SPOIL STORAGE
4.5	ACRES SEDIMENT PONDS
0.0	ACRES HAUL ROADS
275.9	ACRES AUGER/HIGHWALL MINING
0.0	ACRES TOPSOIL (OUTSIDE COAL REMOVAL)
543.1	ACRES TOTAL PROPOSED AFFECTED AREA - D-2369-1
428.6	ACRES TOTAL ORIGINAL PERMIT - D-2369
5.0	ACRES IBR #1 (Not within D-2369-1)
14.9	ACRES IBR #1 (Permitted in D-2369-1)
3.7	ACRES IBR #2 (Not within D-2369-1)
0.2	ACRES IBR #3
995.5	ACRES TOTAL - D-2369

SEDIMENT PONDS

POND #	SURF. AC.	AC. FT.
001	0.41	3.56
003	0.57	4.48
004	0.46	2.22
005	0.69	3.69
006	0.14	0.73
007	0.35	1.65
008	0.16	0.33
009	0.38	2.12
010	0.22	0.70
011	0.43	2.17
012	0.41	3.03
013A	0.45	3.95
013B	0.21	0.80
014	0.14	0.62
015	0.25	1.11
016	0.12	0.45
017	0.25	1.11
018	0.43	3.45
019	**1.01**	**0.62**
020	**0.33**	**1.11**
021	**2.54**	**0.45**
022	**0.62**	**1.11**
023	0.23	0.45





SCALE 1" = 1 MILE
Mapping From: Jefferson County Aerial Photography
Tiltonsville & Steubenville West U.S.G.S. Quadrangle Maps
Drainage Basin: Ohio River

LEGEND

- SEDIMENT POND
- WATER TREATMENT FACILITY
- TOPSOIL STORAGE
- PROPOSED AFFECTED AREA
- (S) SURFACE OWNER
- (C) COAL OWNER
- (M) MINERAL OWNER
- (L) LESSEE
- (SL) SUB-LEASE
- SMR Surface Mineral Rights
- HYDROLOGY LIMITS
- PUBLIC WATER LINE
- SEEP, SEEPAGE ZONE, SWAMP
- UPSTREAM SAMPLING STATION
- DOWNSTREAM SAMPLING STATION
- DRILLED WELL (NO LOG AVAILABLE)
- DRILLED WELL (LOG AVAILABLE)
- DUG WELL
- DEVELOPED SPRING
- UNDEVELOPED SPRING
- WATER IMPOUNDMENT
- BACKGROUND SAMPLING STATION
- DEEP MINE ENTRY (WATER DISCHARGE)
- DEEP MINE ENTRY
- MONITORING STATION
- AERIAL POWER LINE - American Electric Power
- UNDERGROUND TELEPHONE - Verizon North
- AERIAL POWER AND TELEPHONE LINE
- WETLANDS
- MITIGATIVE WETLAND (MW #1 3.815 AC.)
- HOUSE NUMBERS FOR BLASTING PLAN
- ABOVE GROUND SWIMMING POOL
- HYDRIC SOIL STORAGE
- NO SURFACE DISTURBANCE AREAS 125.7 AC.
- UNDERGROUND MINE LIMITS ...Rr-183, JOHN W. LETUSICK, OPERATOR, PITTSBURGH #8 COAL SEAM, ELEV. 900±, ABANDONED 1943
- BIOLOGICAL MONITORING STATION
- OCCUPIED DWELLING
- UNOCCUPIED DWELLING
- PUBLIC, COMMUNITY, INSTITUTIONAL BUILDING
- SCHOOL
- CHURCH
- COMMERCIAL/BUSINESS BUILDING
- ROADS INSIDE AND OUTSIDE PERMIT AREA
- IMPASSIBLE ROADWAY (PRIVATE ROAD)
- PROPERTY LINE
- BEGIN MINING
- END MINING
- SLOPE MEASUREMENTS
- GAS WELL (DRY HOLE)
- TEST BORING
- ENTRANCE SIGN
- FINAL HIGHWALL
- EXISTING HIGHWALL
- EXISTING #8 BACKFILLED HIGHWALL
- PREVIOUSLY MINE AREA
- COAL OUTCROP ELEV. OF #8 COAL = 1000± ELEV. OF #8A COAL = 1023± ELEV. OF #9 COAL = 1085-1100±
- AUGER/HIGHWALL MINE AREA (#8 COAL SEAM)
- #8 COAL STARVAGGI IND., INC. (Below the Vanetta Line)
- AEP COAL OWNERSHIP LINE (AEP owns all #8 coal within the boundary of the ownership line)
- PRIME FARMLAND 12.3 AC.
- EXISTING WATER IMPOUNDMENT
- PERENNIAL STREAM
- INTERMITTENT STREAM
- UNDISTURBED PORTION OF 100' STREAM BUFFER ZONE
- DISTURBED PORTION OF 100' STREAM BUFFER ZONE
- CONSTRUCTED DRAINWAY
- DIRECTION OF FLOW
- REGRADING CROSS SECTION
- COAL STOCKPILE

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT, AND SHOWS TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL THE INFORMATION REQUIRED BY CHAPTER 1513 OF THE REVISED CODE AND RULES ADOPTED THEREUNDER.

REG. SURVEYOR # _____ DATE _____

ACKNOWLEDGED BEFORE ME A NOTARY PUBLIC THIS____ DAY OF _____ 2012.

NOTARY PUBLIC

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

0' 400' 800' 1200'

PERMIT APPLICATION & HYDROLOGY MAP

OXFORD MINING COMPANY, LLC.

SECTION: 15, 16, 21, 22, & 28	T.- 5 R.- 2
TWP.- WELLS	COUNTY: JEFFERSON
SCALE: 1" = 400'	CONTOUR INTERVAL: 20'
DATE PREPARED: January 25, 2012	
DATE REVISED:	

HAMILTON
R.A. Engineering Inc.
342 High St., Box 471
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Ph: (740) 968-4947
Fax: (740) 968-4225
e-mail: hamilton@1tn.net
www.hamiltonandassoc.com

DRAWN BY: SBU

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