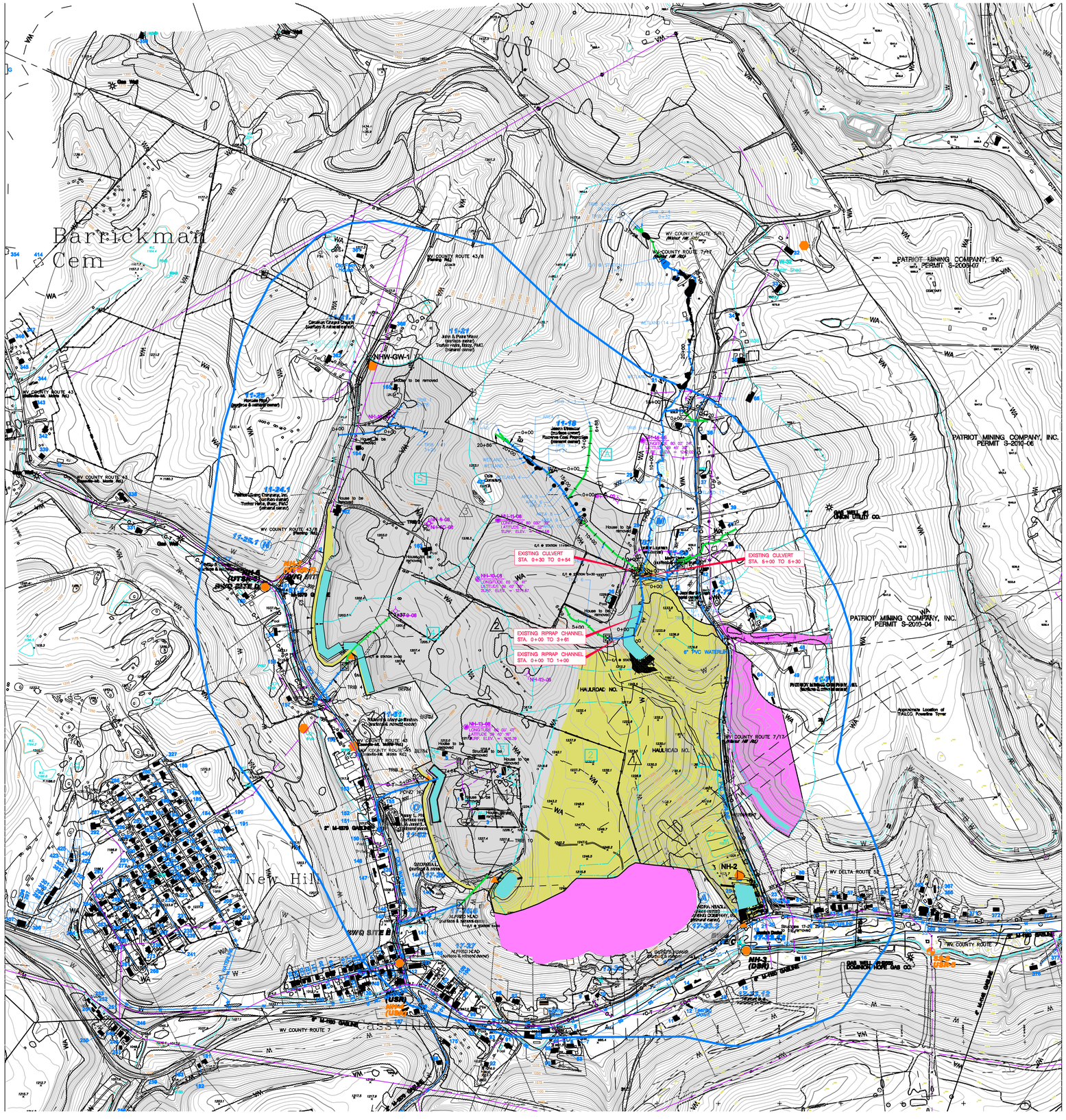
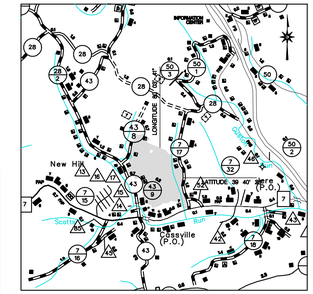


DISTURBED ACREAGE BREAKDOWN

PERMIT AREA NOT DISTURBED	219.40 AC.
HAULROAD ACCESS ROAD	0.00 AC.
DRAINAGE SYSTEM (Temporary)	5.60 AC.
TOTAL PERMITTED AREA	225.00 AC.

DRAINAGE AREA BREAKDOWN

DRAINAGE AREA	TOTAL ACREAGE	DISTURBED ACREAGE	REQUIRED SEDIMENT STORAGE	AVAILBALE SEDIMENT STORAGE	CONTROLLING SEDIMENT STORAGE
1	88.50	24.20	3.025 ac. ft.		Pond No. 1
2	160.30	50.30	6.29 ac. ft.	6.37 ac. ft.	Pond No. 1A
2	28.30	28.30	3.54 ac. ft.	3.76 ac. ft.	Existing Pond No. 2
3	30.20	30.20	3.775 ac. ft.	4.112 ac. ft.	Pond No. 3
4	72.20	69.60	8.70 ac. ft.	10.90 ac. ft.	Pond No. 4



LOCATION MAP

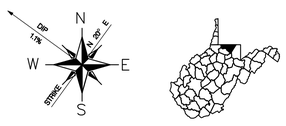
SCALE: 1 INCH = 1 MILE
CASS DISTRICT, MONONGALIA COUNTY
OSAGE, WV – 7.5 MINUTE TOPOGRAPHIC QUADRANGLE
SMA NO. S-2009-09

LEGEND

- NPDES OUTLET
- PRE-MINING TEST SITE
- NPDES MONITORING SITES
- NPDES GROUNDWATER MONITORING SITE
- ARTICLE 3 MONITORING SITE
- ARTICLE 3 GROUNDWATER SITE
- DOMESTIC WELL
- SPRING
- DRILL HOLE
- NH-1-00 OVERBURDEN TEST SITE
- PERMANENT MONUMENT
- DWELLING
- OUT BUILDING (BARN, SHED, GARAGE)
- (T) TOPSOIL STOCKPILE (Temporary)
- PERIMETER MARKER
- 1000' BOUNDARY
- ½ MILE BOUNDARY
- PROPERTY BOUNDARY
- DRAINAGE AREA DIVISION
- CONSTRUCTED DRAINWAY
- NATURAL DRAINWAY
- EARTH DIKE
- —W— WAYNESBURG CROPLINE
- —WA— WAYNESBURG 'A' CROPLINE
- POWER, TELEPHONE & CABLE LINE (ALLEGHENY POWER CO.)
- GAS LINE (DOMINION HOPE GAS CO.)
- W- SS WATER LINE & SANITARY SEWER (PLEASANT VALLEY PSD)
- C – T CABLE & TELEPHONE LINE (ADELPHIA COMMUNICATIONS & VERIZON)
- A A REGRADING & GEOLOGICAL CROSS-SECTION
- ASH PLACEMENT AREA
- FORESTLAND
- 0' DISTANCE TO NEAREST BLASTING STRUCTURE (POWER POLE)
- 150' DISTANCE TO NEAREST PROTECTED STRUCTURE (FOR BLASTING)–STRUCTURE #143-144
- DEEP MINE OPENING
- RAIN GAUGE
- PREVIOUS UNDERGROUND MINED AREAS
- ADJACENT PERMIT AREAS (PATRIOT MINING COMPANY, INC.)
- ADJACENT OVERBONDED PERMIT AREAS (PATRIOT MINING COMPANY, INC. – PERMIT NO. S-2010-01)
- PREVIOUS SURFACE MINE AREAS (FROM USGS DATA)
- INTERMITTENT STREAM
- PERENNIAL STREAM

TRACT	SURFACE OWNER	MINERAL OWNER	100 ft. LANDOWNERS
A	*(17-33.3) Homer & Sandra Headley, Jr.	Patriot Mining Company, Inc.	(17-28.6, 27) Alfred Hiad – SMO
B	*(17-33.6) Dan Martinelli	Patriot Mining Company, Inc.	(11-21) John & Petra Wood – SO (11-22) Tucker Heirs ½ & PMC, Inc. ½ – MO
C	(11-64, 65, 17-28) David B. Adams	David B. Adams	Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles
D	*(11-66, 70) Jason Sawser	Patriot Mining Company, Inc.	Barbara Buoy ½ & PMC, Inc. ½
E	(11-59, 60) Diane Spooner	Diane Spooner	(11-28) Roselle Rice – SMO
F	(11-25.3) Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles	Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles Barbara Buoy ½ & PMC, Inc. ½	(11-13) Jason Sawser – SO (11-58) Reserve Coal Properties – MO (11-60) Richard & Mary Jo Strahan – SMO
G	(11-58) Patriot Mining Company, Inc.	Barbara Buoy ½ & PMC, Inc. ½ Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles	(11-24.1) Patriot Mining Company, Inc. – SO (11-24.1) Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles Barbara Buoy ½ & PMC, Inc. ½
H	(11-24.3) Patriot Mining Company, Inc.	Barbara Buoy ½ & PMC, Inc. ½ Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles	(11-56) Mary DeVault – SMO (11-57.2) Eva Thomas – SO (11-27) Patriot Mining Company, Inc. – SMO
I	(11-24.2) Patriot Mining Company, Inc.	Barbara Buoy ½ & PMC, Inc. ½ Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles	(17-33.3) Richard Sperandino – SMO (17-33.12) Beulah Drake – SMO (17-33.5) Richard D. & Kimberly D. Glass – SMO
J	(11-56) Patriot Mining Company, Inc.	Barbara Buoy ½ & PMC, Inc. ½ Jack & Marsha Gillis	(11-70.1) Bruno Sawser – SO (11-70.1) Patriot Mining Company, Inc. – MO
K	(11-67) David B. Adams	Jack & Marsha Gillis	(11-72) Dorothy Cosner – SMO
L	(11-67.1) Patriot Mining Company, Inc.	Jack & Marsha Gillis	
M	(11-67.2, 68.1) Stephen G. & Jennifer Layman	Stephen G. & Jennifer Layman	
N	(11-25.1, 57) Phillip & Carolyn P. Glizzi	Tucker Heirs ½ – Patricia H. Tucker; Ruth E. & John F. Rowles Barbara Buoy ½ & PMC, Inc. ½	
O	(11-52) Penny L. Phillips	Kevin K. & Janet L. Chumney	
P	(17-26) Georgia L. Liming	Georgia L. Liming	
Q	(11-63.3) Patriot Mining Company, Inc.	Patriot Mining Company, Inc.	
R	(11-63.2,63.4,63.5) Jorge Montemayor	Jorge Montemayor	
S	(11-63.1,63.6) Paulette King	Paulette King	
T	(11-63) William F. & Sandy King	William F. & Sandy King	

*NOTE: These tracts have surface mining rights.
PMC, Inc. now owns Tracts M, O, R & S



I, THE UNDERSIGNED, HEREBY CERTIFY(1) THAT THIS MAP IS CORRECT, AND SHOWS TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL INFORMATION REQUIRED BY THE SURFACE MINING LAWS OF THIS STATE.

BY_____ R.P.E. NO._____
STATE OF WEST VIRGINIA
COUNTY OF MONONGALIA

TAKEN, SUBSCRIBED AND SWORN TO ME THIS

_____DAY OF_____, 2010.

MY COMMISSION EXPIRES:

_____

(1) THE TERM "CERTIFY" AS USED HEREIN, IS DEFINED AS FOLLOWS: "AN ENGINEER'S CERTIFICATION OF CONDITIONS IS A DECLARATION OF PROFESSIONAL JUDGEMENT. IT DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EITHER EXPRESSED OR IMPLIED, NOR DOES IT RELIEVE ANY OTHER PARTY OF THEIR RESPONSIBILITY TO ABIDE BY CONTRACT DOCUMENTS, APPLICABLE CODES, STANDARDS, REGULATIONS AND ORDINANCES."

INCREMENTAL BONDING

1	INCREMENT NO. 1 = 59.00 AC.
2	INCREMENT NO. 2 = 99.00 AC.
3	INCREMENT NO. 3 = 67.00 AC.
	TOTAL PERMITTED AREA = 225.00 AC.

NOTES

1) NO KNOWN OR PROBABLE CULTURAL, HISTORIC OR ARCHAEOLOGICAL SITES LISTED OR ELIGIBLE FOR LISTING IN THE NATIONAL REGISTER OF HISTORIC PLACES ARE LOCATED WITHIN THE PROPOSED PERMIT AREA.

2) NO LAND WITHIN THE PROPOSED PERMIT AREA AND ADJACENT AREAS LIE WITHIN THE BOUNDARIES OF ANY PUBLIC PARKS.

3) THE CURRENT AND HISTORIC LAND USE CLASSIFICATION WITHIN THE PROPOSED PERMIT AREA AND ADJACENT AREAS IS FOREST LAND (TIMBERED) PASTURELAND, TILLAGE LAND AND PREVIOUSLY MINED-NOT RECLAIMED. NO LAND USE HAS CHANGED WITHIN THE PAST 5 YEARS. NO PRIME FARMLAND IS LOCATED WITHIN THE PROPOSED PERMIT AREA. SEE SECTION F.

4) NO HABITATS OF LISTED THREATENED OR ENDANGERED SPECIES ARE LOCATED WITHIN 1000 FEET OF THE PROPOSED PERMIT AREA.

5) Locations and extent of known workings of active, inactive or abandoned underground mines, including mine openings to the surface within the proposed permit and adjacent areas are identified

6) Locations of lands within the proposed permit area, which lie within or are adjacent to the boundaries of a National Park System, National Forest, National Wildlife Refuge System, National System of Trails, National Wilderness Preservation System, National Wild and Scenic River Systems, National Recreation Area and areas under study for inclusion in these systems.

7) THE DATUM and ORIGIN OF THE MAP IS WV STATE PLANE, NAD 27

SMA NO. S-2009-09

REVISED BY:	DATE:	
		Patriot WV, Inc 2708 Cranberry Square, Morgantown, WV 26508
		PROPOSED NEW HILL WEST SURFACE MINE
		EXHIBIT 1-VI-A **PROPOSAL & DRAINAGE MAP**
		DRAWN BY: Terry A. Noir SCALE: 1" = 400'
		DIRECTORY: E:\DWG\PMC\\NEW HILL\NEW HILL WEST\ — DATE ORIGINATED: January, 2009
		DRAWING NO.: new hill west-v1 — PLOTTING DATE:

PREPARED BY:

HUNTER RIDGE