N 473,000

N 472,000

N 471,000

N 470,000

N 469,000

E 1,553,000

E 1,555,000

Tower

Tower

(221)

(70)

(176)

(69)

(175)

(178)

(177)

(179)

(164)

(214)

(215)

C-15

C-13

C-9

C-10

C-32

CUMMINGS #2

ARMSTRONG TOWNSHIP
YOUNG TOWNSHIP

U.T. NO. 5b

U.T. NO. 5

U.T. NO. 5a

POND-13

CW #6
U.S. Energy #6
37-063-34275

U.S. Energy # NOT LOCATED PROPOSED NOT DRILLED

DH 235
S-1210.1
UF-563.8

DH 236
S-1235.1
UF-547.1

CW #10
XRP #6
37-063-33899

CW #11
XRP INC. #7
37-063-33698

CW #7
U.S. Energy #7
37-063-34274

CW #15
XRP INC. #8
37-063-34215

CW #8
U.S. Energy #9
37-063-34276

CW #19
XRP INC. #2
37-063-33900

TWP #1
PLUGGED
CW #22
37-063-20090
NO FIELD EVIDENCE

CW #18
XRP INC. # 1
37-063-33939

CW #13
XRP INC. # 4
37-063-34044

CW #17
XRP INC. #5
37-063-33902

34185

345

DDH-2765

PGH

S19

S16

S16

D2

D4

D6

D6

67

T-940 (MONTGOMERY RD.)

T-940 (P

10/2/2008

5/14/2008

5/13/2008

5/9/2008

5/8/2008

1024 1030 1034 1029 1027 1024 1032 1026 1021 1033 1023 1023

T.J.S. MINING, INC.

TJS NO. 5 MINE MSHA ID 36- 09159

CMAP NO. 03031302

**FINAL MAP**

This is the Final Map of the TJS No. 5 Mine. The CMAP Number is 03031302. The mine was active in the Upper Freeport coal seam. The mine opening is located in South Bend Township, Armstrong County.

Coal was first mined in the month of January, 2005 and the final seals were inspected on November 19, 2008.

The mine surveying was per standard accepted mine surveying methods and procedures. The mine survey system maintained a minimum Linear Error of Closure and associated precision of 1:5000. The final survey date is October 6, 2008.

I certify that to the best of my knowledge that this final map of the TJS No. 5 Mine is an accurate representation of the limits and workings of the TJS No. 5 Mine and indeed the true "FINAL MAP".

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL JAMES J. SZALANKIEWICZ ENGINEER No. 33464-E SEAL

James J. Szalankiewicz, PE, PLS
Date: 12 9, 2009

T.J.S. MINING, INC.

TJS NO. 5 MINE MSHA ID 36-09159

CMAP NO. 03031302

**FINAL MAP**

I certify that to the best of my knowledge that this final map of the TJS No. 5 Mine is an accurate representation of the limits and workings of the TJS No. 5 Mine and indeed the true "FINAL MAP".

Thomas J. Smith, President
Date: 1-9, 2009

Table 7.5
Mine Workings & Waste Disposal Sites

| Map Key | Mine Name | Operator | Permit # | Date Issued (mo/dy/yr) | Status | Coal Seams | Water Sample(s) |
|---|---|---|---|---|---|---|---|
| | **Surface Mines** | | | | | | |
| S1 | HAYNIE | HAYNIE COAL | 13239 | 05/22/1953 | ABANDONED | MAHONING | I-3 |
| S2 | BALBO | ALTMIRE BROS. | 35A78BC8 | 03/21/1979 | ABANDONED | MAHONING | MD-1, I-4 |
| S3 | SMITH #3 | THOMAS J. SMITH, INC. | 03920101 | 09/08/1992 | COMPLETED | UF, LF | NONE |
| S4 | SMITH #9 | THOMAS J. SMITH, INC. | 03940104 | 11/29/1994 | COMPLETED | UF, LF | NONE |
| S5 | MYERS | SEVEN SISTERS MINING CO., INC. | 03910301 | 09/30/1992 | IDLE | SAND/GRAVEL | NONE |
| S6 | UNKNOWN | UNKNOWN | UNKNOWN | RECLAIMED | PITTSBURGH | NONE | |
| S7 | BRUNER #1 | EAST BRANCH EQUIPMENT | 3974SM14 | 08/23/1974 | RECLAIMED | PITTSBURGH | NONE |
| S8 | D.C. SMITH #2 | J. MERLE SMITH | 18837 | 09/28/1959 | ABANDONED | UF | NONE |
| S9 | MASTER #1 | MASTER COAL CO. | 9401 | 03/17/1949 | ABANDONED | MAHONING | MD-1, I-4 |
| S10 | PATTERSON | WEST LEBANON COAL CO. | 3974SM29 | 08/20/1975 | RECLAIMED | PITTSBURGH | NONE |
| S11 | WEST LEBANON | CUNNINGHAM COAL CO. | 18503 | 05/29/1959 | ABANDONED | PITTSBURGH | NONE |
| S12 | SMITH #31 | THOMAS J. SMITH, INC. | 03020112 | 07/31/2003 | ACTIVE | UF | NONE |
| S13 | WEST LEBANON #2 | PITT MINING CO. | 32940107 | 04/07/1995 | ABANDONED | REDSTONE | NONE |
| S14 | WALCOTT #1 | CLYDE D & DALE M. WOLCOTT | 13880 | 05/17/1957 | ABANDONED | PITTSBURGH | NONE |
| S15 | ISELIN #15 | KENT COAL MINING CO. | 32823057 | 11/19/1984 | ABANDONED | PITTSBURGH | NONE |
| S16 | WEST LEBANON | PITT MINING CO. | 32920101 | 03/02/1992 | ABANDONED | PITTSBURGH | NONE |
| S17 | ISELIN #8 | ROCHESTER & PITTSBURGH COAL CO. | 3572SM20 | 04/25/1973 | RECLAIMED | PITTSBURGH | NONE |
| S18 | ISELIN #8-B | Kent Coal Mining Co. | 03800101 | 09/02/1980 | RECLAIMED | PITTSBURGH | NONE |
| S19 | UNKNOWN | UNKNOWN | UNKNOWN | ABANDONED | PITTSBURGH | NONE | |
| S20 | RECLAMATION PROJECT | FREEPORT COAL CO. INC. | 32810917 | 08/13/1982 | RECLAIMED | PITTSBURGH | NONE |
| | **Underground Mines** | | | | | | |
| D1 | TJS NO. 1 MINE | TJS MINING, INC. | 03901302 | 06/14/1991 | COMPLETED | UF | NONE |
| D2 | BLACK BEAUTY #1 | TANDEM COAL CORP. | 368M006 | 06/29/1971 | ABANDONED | PITTSBURGH | NONE |
| D3 | McCRACKEN #2 | DANIEL A. MCCRACKEN | 366M026 | 04/21/1967 | ABANDONED | PITTSBURGH | NONE |
| D4 | UNKNOWN | LEBANON FUEL CO. | 827 | 06/17/1948 | ABANDONED | PITTSBURGH | NONE |
| D5 | TOMAN | GEORGE P. TOMAN, JR. | 18949 | 11/20/1959 | ABANDONED | PITTSBURGH | NONE |
| D6 | POHUSKI | POHUSKI COAL CO. | 361M070 | 05/19/1961 | ABANDONED | PITTSBURGH | NONE |
| D7 | CRAIG | LEWIS MCCLINSEY | 363M197 | 10/28/1963 | ABANDONED | PITTSBURGH | NONE |
| D8 | ISELIN #5 | PITTSBURGH GAS COAL CO. | UNKNOWN | UNKNOWN | ABANDONED | PITTSBURGH | NONE |
| D9 | PARKWOOD | PARKWOOD RESOURCES INC. | 03981301 | UNKNOWN | COMPLETED | UF | NONE |
| D10 | EMILIE #1 & #2 | KEYSTONE COAL MINING CORP. | 03841305 | 08/11/1986 | COMPLETED | UF | NONE |
| D11 | UNKNOWN | UNKNOWN | UNKNOWN | UNKNOWN | STRIPPED OUT | PITTSBURGH | NONE |
| | **Refuse Disposal Sites** | | | | | | |
| | There are no known refuse disposal sites within 1000 feet of the permit area. | | | | | | |
| | **Solid Waste Disposal Areas** | | | | | | |
| | There are no known waste disposal areas within 1000 feet of the permit area. | | | | | | |

SHEET NO. B-3

Projection Number: 8 Rev. 1

Mining Period: 5/25/08 TO 11/25/08

Survey Date: 9-23-08

Gas Well
Water Monitoring Point
Background Water Point
Drill Hole
Occupied Structure
Structure
Adverse Tract
1st Mining Only
Hydrologic Barrier

Six-Month Contemplated Mining
Permit Boundary
Subsidence Boundary
Coal Contour (1120)
100 Foot Cover Line (100)
Limit of Surface Activity Site
Property Line
Perennial Stream
Upper Freeport Cropline
Major Gas Line (1st Mining)
Affected Seal Area

SEAL

Signature

Notes:

Entry width will be 19 feet maximum except in the belt where it will be 20 feet.
Surface and coal ownership are the same unless noted. The subsidence and permit boundary are common unless noted.

FINAL MAP
10/02/08

# T.J.S. MINING, INC.
## TJS NO. 5 MINE

2340 SMITH ROAD, SHELOCTA, PA. 15774
CMAP No. 03031302
MSHA ID No. 36-09159
UPPER FREEPORT COAL SEAM
South Bend Twp., Armstrong Co.
Armstrong & Young Twps. Indiana Co.
Scale: 1" = 200'