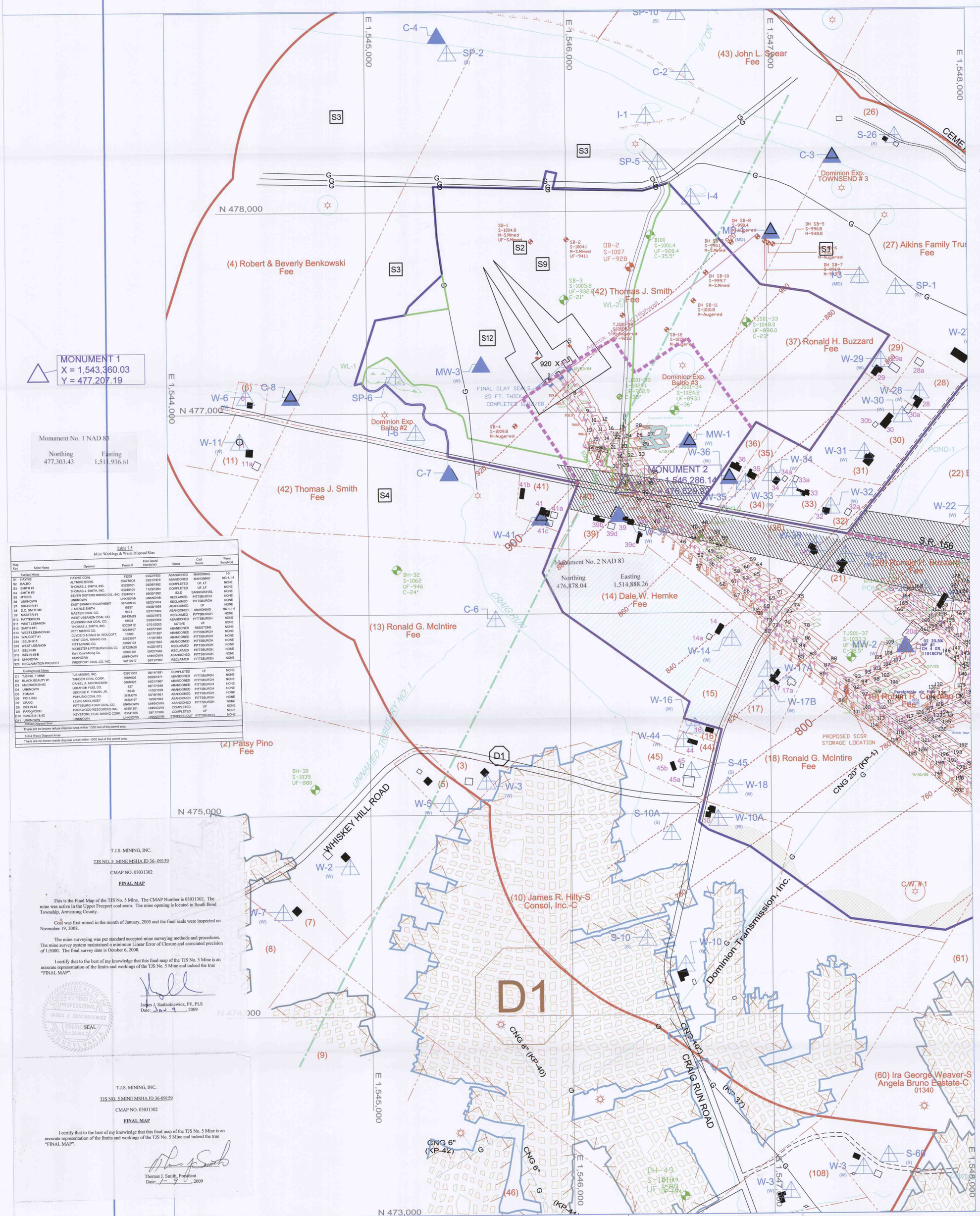

Table 7.5
Mine Workings & Waste Disposal Sites

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	L3
S2	BALBO	ALTMIRE BROS.	35A78BC6	03/21/1979	ABANDONED	MAHONING	MD-1, L4
S3	SMITH #3	THOMAS J. SMITH, INC.	03020101	03/08/1992	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	SANDGRAVEL	NONE
S6	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	RECLAIMED	PITTSBURGH	NONE
S7	BRUNER #1	EAST BRANCH EQUIPMENT	39745M14	08/23/1974	RECLAIMED	PITTSBURGH	NONE
S8	D.C. SMITH #2	J. MERLE SMITH	18837	09/26/1959	ABANDONED	UF	NONE
S9	MASTER #1	MASTER COAL CO.	9401	03/17/1949	ABANDONED	MAHONING	MD-1, L4
S10	PATTERSON	WEST LEBANON COAL CO.	39745M29	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.	13680	03/17/1957	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	ROHESTER & PITTSBURGH COAL CO.	35723M20	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	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.	36BM005	06/29/1971	ABANDONED	PITTSBURGH	NONE
D3	McCRACKEN #2	DANIEL A. McCRACKEN	36BM026	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	11/05/1959	ABANDONED	PITTSBURGH	NONE
D6	POHUSKI	POHUSKI COAL CO.	3618M70	05/19/1961	ABANDONED	PITTSBURGH	NONE
D7	CRAIG	LEWIS MCCLINSEY	3638M197	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.							

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".

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

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

SEAL

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

SHEET NO. A-1

Projection Number:

Mining Period: 11/25/07 TO 5/25/08

Survey Date:

Subsidence Map Legend

- 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)

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

CMAP No. 03031302

MSHA ID No. 36-09159

UPPER FREEPORT COAL SEAM

South Bend Twp., Armstrong Co.

Armstrong & Young Twp. Indiana Co.

Scale: 1" = 200'