



**PROPERTY INDEX**

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| 1. James Yadrick        | 35. Merle Penrod                     |
| 2. James Yadrick        | 36. Ellen Mackey                     |
| 3. Henry Block          | 37. Gary Barnat                      |
| 4. Raymond Koshier      | 38. Eva Mihalik                      |
| 5. Mary Kovalick        | 39. James Reighard                   |
| 6. Joseph Block         | 40. Lawrence Serre                   |
| 7. John F. Koshier, Jr. | 41. Edward Burichin                  |
| 8. John Koshier, Sr.    | 42. Clyde Block                      |
| 9. Lillian Hutsky       | 43. Barrett Wagner                   |
| 10. Forrest Leventry    | 44. Michael Cimba                    |
| 11. Glenn Hinson        | 45. Edward Cizha                     |
| 12. Frank Elersic       | 46. James Rachael                    |
| 13. John Andrew         | 47. American Legion Home Association |
| 14. Glenn Kastranich    | 48. Mickie Rachael                   |
| 15. Andrew Mihalacki    | 49. John Kovalich                    |
| 16. Michael Single      | 50. William Valko                    |
| 17. William Gordon      | 51. Joseph Valko, Jr.                |
| 18. Michael Ondesko     | 52. Raymond Single                   |
| 19. George Kosmac       | 53. John Consay                      |
| 20. Anthony Lisak       | 54. Robert Utzman                    |
| 21. Norman Klahre       | 55. Michael Ondesko                  |
| 22. Michael Ghala       | 56. Andrew Milavec                   |
| 23. John Kovalich       | 57. Rose Zakraysek                   |
| 24. William Valko       | 58. Victor Naglic                    |
| 25. Neil Jamison        | 59. Mary Hrabar                      |
| 26. Agnes Miller        | 60. Helen Williams                   |
| 27. Michael Barelick    | 61. Fred Claycomb                    |
| 28. Edward Blair        | 62. Mary Wigodowski                  |
| 29. Norman Ohler        | 63. Mary Bawick                      |
| 30. Gene Ohler          | 64. S.I.D. Vihar Ed. Ass'n.          |
| 31. Simon Ohler         | 65. Izobrazne Slovensko              |
| 32. Edward Pentrack     | 66. Ellen McGovern                   |
| 33. Andrew Zaluski      | 67. Anthony Tanczely                 |
| 34. David Kovalsky      | 68. Anna Saks                        |

**SAMPLING POINTS; BACKGROUND & MONITORING**

Sample No.	Source	Flow (gpm)	pH (field)	SC (field)	Date
* 8	Sulphur Creek	100	4.0	850	03/05/81
* 9	Unnamed Trib. to Sulphur Creek	500	4.0	400	03/05/81
* 11	Unnamed Trib. to Paint Creek	30	4.0	---	03/18/79
* 12	Pond Discharge	30	4.0	---	03/18/79
* 13	Sulphur Creek	10	4.0	---	03/18/79
* 14	Bottle Run	30	4.0	---	03/18/79
* 15	Unnamed Trib. to South Fork Little Conemaugh River	100	5.0	---	03/18/79
* 16	Surface Flow	40	4.0	---	03/18/79
* 17	Surface Flow	10	4.5	---	03/18/79
* 18	Stream	60	4.0	---	03/18/79
* 19	Unnamed Trib. to Sulphur Creek	5	4.0	---	03/18/79
* 24	Sulphur Creek	---	4.5	---	03/18/79
* 25	Unnamed Trib. to Sulphur Creek	---	4.0	---	03/18/79
* 26	Sulphur Creek	---	4.0	---	03/18/79
* 27	Spring	15	4.5	---	03/18/79
* 28	Spring	---	4.0	---	03/18/79
* 32	Stream from Strip Cut	50	4.0	---	03/25/79
* 33	Stream below #32	60	4.0	---	03/25/79
* 34	Paint Creek	---	4.0	---	03/25/79
* 35	Paint Creek	500	4.0	---	03/25/79
* 36	Unnamed Trib. to Paint Creek	70	4.0	---	03/25/79
* 37	Paint Creek	---	4.0	---	03/25/79
* 38	Paint Creek	---	4.0	---	03/25/79
* 39	Seep from Toe Spoil	20	4.0	---	03/25/79

\* = Proposed Monitoring Point

**TEST HOLE DATA**

HOLE NO.	SURFACE ELEV.	TOP COAL ELEV.	COAL THICKNESS
DH-1	2672	2657 (Br)	24"
DH-2	2670	2612 (Mr)	48"
DH-3	2648	2650 (Br)	24"
DH-4	2523	2604 (Mr)	48"
DH-5	2520	2638 (Br)	24"
DH-5	2520	2595 (Mr)	34"
DH-5	2520	2506 (Cl)	36"
DH-5	2520	2467 (Br)	40"
DH-5	2520	2491 (Cl)	36"
DH-5	2520	2451 (Br)	40"
TH-1	2470	2455 (Lk-Rider)	34"
TH-10	2462	2443 (Lk-Rider)	42"
TH-11	2437.5	2418.5 (Lk-Rider)	45"
TH-12	2410	2392 (Lk-Rider)	30"
TH-13	2645	2598 (Lk-Rider)	14"
TH-14	2645	2588.5 (Lk-Rider)	20"
TH-15	2642	2590.5 (Lk-Rider)	28"
TH-23A	2527	2511 (Br)	42"
TH-23A	2527	2465 (Mr)	42"
TH-24A	2514	2493 (Mr)	48"

NOTE: All Areas To Be Affected By Mining Will Be Restored To AOC And Will Be Returned To The Premining Land Use.  
 All Ponds And Ditches Will Be Removed Following Bond Release.  
 Vegetative Mixes Will Be As Outlined On Page 10 And Consistent With Premining Land Use.  
 Drainage Pattern

1310 Ac. - EXISTING PERMIT AREA

**MODULE 9**  
**COONEY BROS. COAL CO.**  
 BITUMINOUS COAL STRIPPING OPERATIONS

SITUATE IN  
 ADAMS TOWNSHIP, CAMBRIA COUNTY, PA.  
 SCALE: 1" = 400'

GWIN, DOBSON, & FOREMAN, INC. CONSULTING ENGINEERS  
 ALTOONA, PA.

REVISION G-4-82  
 7-29-82  
 5-4-83