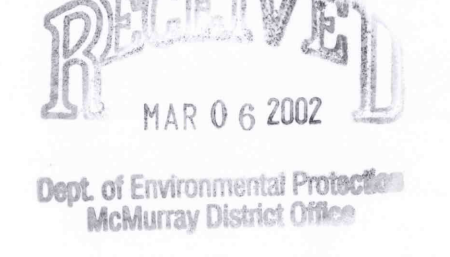


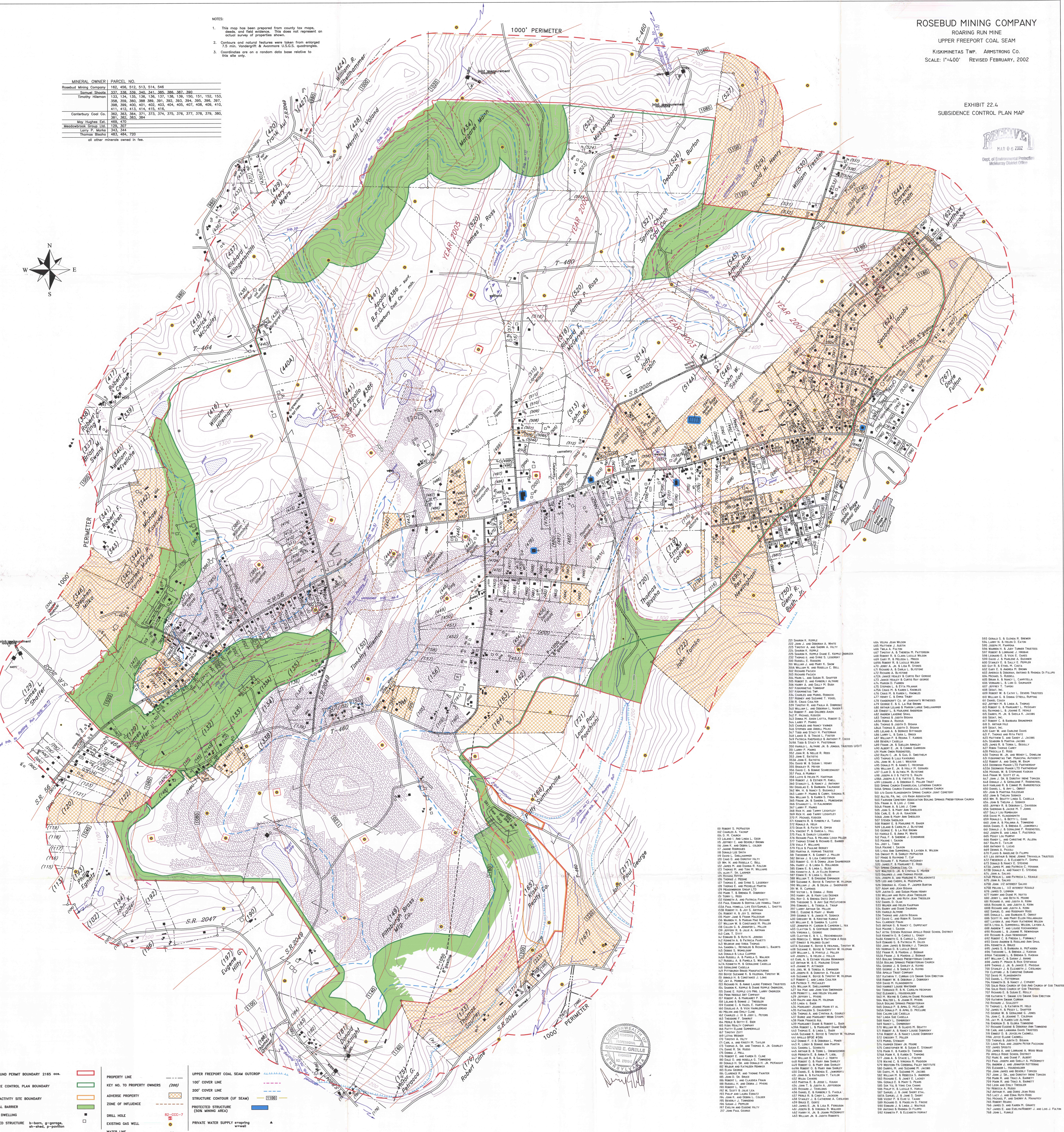
**ROSEBUD MINING COMPANY**  
 ROARING RUN MINE  
 UPPER FREEPORT COAL SEAM  
 KISKIMINETAS TWP. ARMSTRONG CO.  
 SCALE: 1"=400' REVISED FEBRUARY, 2002

EXHIBIT 22.4  
 SUBSIDENCE CONTROL PLAN MAP



NOTES:  
 1. This map has been prepared from county tax maps, deeds, and field evidence. This does not represent an actual survey of properties.  
 2. Contours and natural features were taken from enlarged 7.5 min. Vertical Interval, U.S.G.S. topographic maps.  
 3. Coordinates are on a random data base relative to this site only.

| MINERAL OWNER                    | PARCEL NO.   |
|----------------------------------|--|
| Rosebud Mining Company           | 162, 456, 512, 513, 514, 546   |
| Samuel Shoerts                   | 337, 338, 339, 340, 341, 385, 386, 387, 390  |
| Timothy Hilsman                  | 132, 136, 135, 136, 136, 137, 138, 139, 150, 151, 152, 153, 358, 359, 360, 388, 389, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416 |
| Centerbury Coal Co.              | 362, 363, 364, 371, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384   |
| Moy Hughes Ltd.                  | 469, 470   |
| Medcoastone Group, Ltd.          | 119, 307   |
| Larry P. Merka                   | 343, 344   |
| Thomas Hilsman                   | 483, 484, 720  |
| all other minerals owned in fee. |  |



- 730 Susan R. Kopke  
 731 John J. and Deborah A. White  
 732 Timothy J. Austin  
 733 Sharon R. Koppel  
 734 Sharon R. Koppel  
 735 Thomas E. and Shire S. Leudary  
 736 Russell C. Rodgers  
 737 William J. and Mary E. Gooch  
 738 William A. and Rosalia C. Bell  
 739 Richard P. Jackson  
 740 James L. and Susan L. Sawyer  
 741 Robert D. and Karen A. Threlk  
 742 Kenneth S. Threlk  
 743 Kenneth S. Threlk  
 744 Charles and Phyllis Rodzicki  
 745 Robert and Suzanne T. Vines  
 746 S.R. Chad Collins  
 747 Emily W. and Paula A. Donnelly  
 748 S.R. Chad Collins  
 749 Robert W. and Douglas A. Smith  
 750 David H. and Douglas A. Smith  
 751 David H. and Douglas A. Smith  
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 799 David H. and Douglas A. Smith  
 800 David H. and Douglas A. Smith

| SYMBOL               | DESCRIPTION                            |
|----------------------|--|
| [Red dashed line]    | UNDERGROUND PERMIT BOUNDARY 2165' COE  |
| [Green dashed line]  | SUBSIDENCE CONTROL PLAN BOUNDARY       |
| [Blue dashed line]   | SURFACE ACTIVITY SITE BOUNDARY         |
| [Orange dashed line] | SOLID COAL BARRIER                     |
| [Black dashed line]  | OCCUPIED DWELLING                      |
| [Grey dashed line]   | UNOCCUPIED STRUCTURE                   |
| [Red solid line]     | PROPERTY LINE                          |
| [Green solid line]   | KEY TO TO PROPERTY OWNERS              |
| [Blue solid line]    | 100' COVER LINE                        |
| [Orange solid line]  | 200' COVER LINE                        |
| [Black solid line]   | STRUCTURE CONTOUR (OF SEAM)            |
| [Blue solid line]    | PROTECTED STRUCTURE (SOAK MINING AREA) |
| [Black solid line]   | PRIVATE WATER SUPPLY (spraying well)   |
| [Red square]         | DRILL HOLE                             |
| [Black square]       | EXISTING GAS WELL                      |
| [Black circle]       | WATER LINE                             |

