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Legend

- Coal Seam, Preshift
 - Receiving Stream (Unshifted Features of Shire Run & Muddy Run)
 - End Of Disturbed Area Marker
 - Office Storage & Waste Storage Site
 - Permanant Monument
 - Corner Marker
 - Survey Station
 - Surface Water Test Site
 - Groundwater Test Site
 - Survey
 - NPDES Monitoring Outlet
 - Outbuilding (Bldg. Shed, etc.)
 - House
 - Existing Line (UP to Nearest Protected Stream Line) (UP to Nearest Other Existing Line) (UP to Nearest Existing Parcel Boundary)
 - Gas Well
 - Gas Line
 - Utility Line
 - Water Line
 - Drainage Division
 - Proposed Top Of Highway
 - Cross-Section
 - Property Line
 - Existing Highway
 - Augment Lines
 - Adjacent Property
 - Drainage Ditch
 - Surface Flow
 - Pump & Current
- Acres Breakdown**
- Mineral Reserve Area: 70.20 Ac (See attached map)
 - Disturbed Area: 15.36 Ac
 - Drainage Treatment Area: 2.09 Ac
 - Household Area: N/A Ac
 - Total Permit Area: 87.65 Ac

Surface & Mineral Owners

- 1. Clay Development (Surface & Mineral)
- 2. Consolidation Coal Company (Mineral)

100' Surface & Mineral Owners

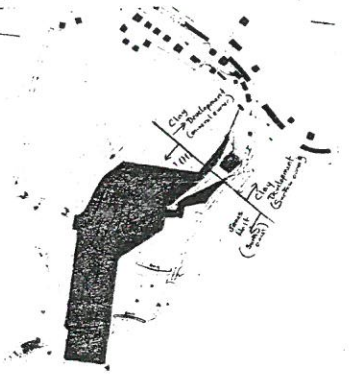
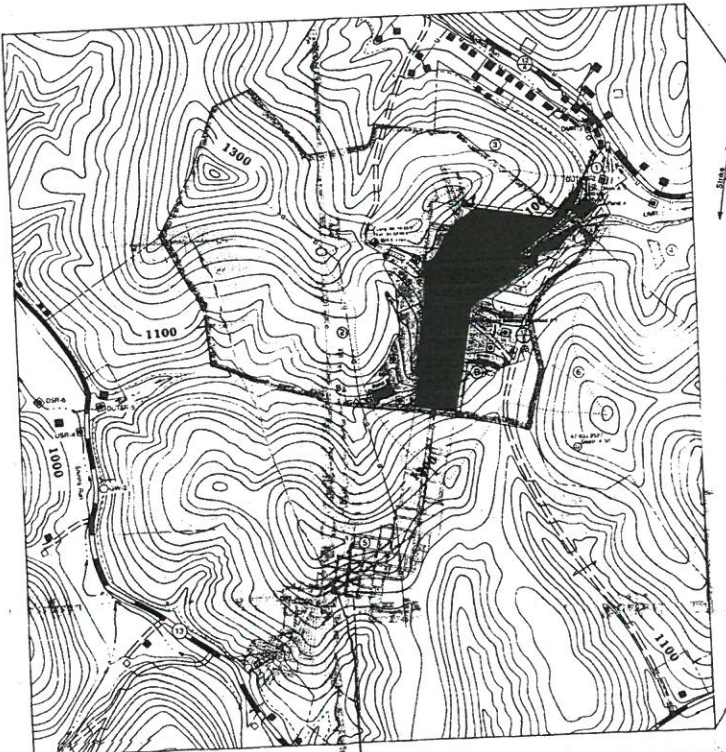
- Surface
- 3. Robert Parish & Thomas Livingston
 - 4. American Bituminous Power Company
 - 5. Edith Lowe, C.O. Charles Lowe Jr.
 - 6. Brice Boring
- Mineral
- Consolidation Coal Company



I, the undersigned, do hereby certify that this map is to the best of my knowledge and belief, correct and shows all of the information required by the Surface Mining Control and Reclamation Act of 1977.

[Signature]
 Date: *06/27/03*
 My commission expires: *05/07/01*

[Signature]
 Title: *Public*



"Willard Surface Mine"
 Scale: 1" = 400'
 C & M Coal Contracting, Inc.
 1001-08
 Lumberton, WV 26086
 5-1001-99

General Notes:

- (1) Gas & waterline within county road right-of-way.
- (2) All easements are shown on the plat of subdivision.
- (3) There are no drainage easements on parcels A, B or C.
- (4) See Supplemental Map Attachment 14-D.1 for depiction of existing building.
- (5) See Supplemental Map Attachment 14-D.1 for Resubdividing Mine.

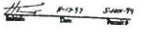
Component Drainage Areas

Area	Total Drainage	Total Disturbed	Required Capacity	Available Capacity
A	47.60 AC	21.15 AC	2.64 AC.FI	
B	50.59 AC	15.68 AC	1.96 AC.FI	

Water Test Results (Typical)

Site	pH	Iron (mg/l)	Suspended Solids (mg/l)
USM-1	4.81	2.18	9.00
OUTM-2	6.41	20.80	35.00
DM-3	4.83	3.89	13.90
USR-4	6.85	0.22	<3.14
DL-5A-5	7.30	8.80	7.00
GSF-6	7.00	0.18	<3.14
GW-1	DRY		
GW-2	7.73	0.18	<3.14

APPROVED MAP



"Willard Surface Mine"
 Proposal, Drainage & Geohydrologic Map
 C & M Coal Contracting, Inc.

Address: Rt. 1 Box 261
 Lumberton WV 26086
 Phone: (304) 783-5126
 Clay District of Harrison County
 West Virginia
 Date: November 1998
 Scale: 1" = 400'

17-000000-0-1001-08
 C & M COAL CONTRACTING
 INC.
 WILKLAND SURFACE

[Signature]
 Title: *Public*

GEO CONSULTANTS, INC.
 1001-08
 Lumberton, WV 26086
 NPDES EXHIBIT 1-VI

- 953385
 - PGH
 - SHINNSTON Qd