

## COAL WASTE BANK INVENTORY

The Coal Waste Bank Inventory summarizes information which has been developed through a field view of every coal waste bank in the watershed and includes:

- (1) location by sub-basin
- (2) water quality sampling stations which monitored each coal waste bank
- (3) acid contribution
- (4) acreage covered
- (5) estimated volume
- (6) present condition

Coal Waste Bank No.	Sub Basin(s)	Water Quality Station(s)	Estimated Average Acid Discharge (lbs/day)	Estimated Area (Acres)	Estimated Volume of Waste (1000 C.Y.)	Vegetation Cover	Remarks
1	64B	134, 135	8196+	34	6600	0%	Tippler form construction on a relatively flat area. Mine waste bank is on fire - smoke observed near north end.
2	64B	134, 135		14	560	0%	Layer piling construction on a gently westward dipping hillside. Considerable seepage observed along west and north sides. Excavation is proceeding in relation to new Rt. 219 construction.
3	60	119	13223+	28			To be reprocessed (Universal Minerals Inc. Mining Permit 1116-1) Reprocessing is in progress (Universal Minerals Inc. Mining Permit 1116-1)
4	60, 76	120, 119, 5039, 5040, 5076, 119A	6071				Layer piling construction on side of hill. Considerable seepage on west end - also, runoff north of area runs across waste and picks up seepage.
5	46, 76	69, 69A, 69C, 69D		10	660	0%	Reprocessing for recoverable coal is actively being done by Old Home Manor Inc. (Drainage Permit #39748417) - entire area scheduled for reclamation after material is hauled away.
6	45, 75	69, 69A, 69C, 69D	2514+	1	31	0%	Tippler form construction on hillside. Seepage at base on east side. Removal necessary for abatement of site. Slated for reprocessing by Old Home Manor Inc. (same as 05).
7	75	69B, 4743	1937	5	190	0%	Tippler form construction on gentle hillside. Seepage along entire base of waste pile. Some reprocessing has just recently been done (same as 05).
8	27	46, 46A, 46B, 46C, 4876, 46D	1902+	4	68	0%	Layer piling construction on gently sloping hillside. Seepage mainly collected on NF corner. Some reprocessing for recoverable coal being done - much of the pile has already been trucked away.
9	27	45	1114+	4	120	50% grasses	Layer piling construction on hillside. Mine waste is on fire - previous attempt to extinguish with mine drainage sludges injection proved insufficient. Seepage along western toe observed.
10	75	4897	1558+	10			Layer piling within strin mine pit. Southern end obviously on fire. Very concentrated AMD seeping from base.
11	75	None		4	120	0%	Layer piling construction on hillside. Heavy build-up of Peleantierite crystals near base of waste pile. No signs of direct flow from area. Reprocessing may be feasible.

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12	75	22, 22B	404	7	160	0%	Layer piling in strip mine pit. No direct seepage observed. Abundant sulfur associated with the surface material. Assumed only little contribution of AMD until surface washout occurs.
13	48B	101	53,958				Active mine waste dump of the Eastern Associated Coal Co. for their Colver mine in the immediate vicinity.
14	48B	101					Being reprocessed by Bentley Coal Co., Inc. (Drainage Permit #1274SM; issued June 10, 1974)
15	75	None		4	97	0-5% trees	Tippler form construction on hillside. Slight seepage on South end. *Insignificant
17 & 18	75	None		5	35	0%	*Insignificant
19	75	None		6	62	0%	Likely loading zone at railroad siding rather than actual mine waste bank. Slight discharges observed along south edge. Contribution likely insignificant.
20	75	None		4	29	0%	Loading zone at railroad siding - not actually mine waste disposal area. No discharges observed. *Insignificant
24	34	56		3	29	0%	Active layer piling in strip mine pit (Florence Mining Co.). Little seepage observed related to mine waste bank. Much toxic material in association with waste. Reprocessing possible on part of waste material.
26	75	None	None	3	17	50% saplings	*Insignificant
27	35, 75	None	Unknown	3	72	0%	Layer piling construction on relatively flat surface. Very little seepage observed. Reprocessing may be possible.
28	35	57	43	2	96	20% saplings, some grasses	Layer piling on gentle slope. No detrimental effects observed - likely insignificant.
29	75	None	None	8	560	0%	Combination tippler and layer piling form on relatively flat surface. Likely part of pile has burned - much red dog in some parts. Appears part of pile has been reprocessed. No signs of any discharges from the area.
30	75	None	Unknown	4	150	5% trees	Layer piling construction on hillside. Reprocessing proceeding - reclamation should follow Old Home Manor Inc. - Drainage Permit #3974SM17.
31	48	96A	Unknown				Barnes & Tucker Coal Co. coal waste disposal area Permit #3-66-1-134.
32	49	106	None	2	13	50% grasses	*Insignificant

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33	49, 76	None	None	2	42	0%	Layer piling construction on hillside. Seepage associated with drift mines immediately adjacent to waste pile. No detrimental effects believed directly produced by mine waste dump.
34	76	106A, 110B		6	660	0%	Tippler form construction on relatively flat area. Little seepage observed - likely fed by drift mine discharge. Presently being reprocessed (Bentley Coal Co. of Bentleyville, Pa.)
35	76	106A, 110B	58731 (34, 35, 36 combined total)	3	190	0%	Tippler form construction on relatively flat area. No seepage observed. Presently being reprocessed (Bentley Coal Co. of Bentleyville, Pa.)
36	76	106A, 110B		8	330	0%	Tippler form construction on relatively flat area. Some seepage observed along west edge. Possibly will be reprocessed.
37	76	None	None	2	7	0%	Loading zone associated with tipple. No discharges observed. *Insignificant
38	76	None	526 (38, 39, 40 combined total)	4	17	25% trees, some grasses	Tippler form construction on hillside. No discharges observed directly.
39	76	None		13	540	25% saplings, grasses	Tippler form construction on relatively flat area. Seepage observed along western edge. Depressions may hold rainfall and increase percolation with related "wash out" of stored acid material.
40	76	None	526 with D38, D39	2	36	0%	Layer piling construction on relatively flat area. No discharges observed directly.
43	54	112, 112A	None	1	50	25% saplings, grasses	Layer piling on relatively flat area. No discharges observed.
44	54	112, 112A	None	9	270	5% saplings	Layer piling construction on relatively flat area. No discharges observed.
45	54	114, 114C	484	6	180	0%	Tippler form construction on relatively flat area. Point discharge located on SW corner. 20' x 20' impoundment on it and which could be detrimental, though not directly observed as such, by increasing percolation.
46	60	None	Unknown	7	45	30% grasses, some saplings	Layer piling construction on gentle hillside. No seepage observed. *Insignificant

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47	61	123	None	9	43	0%	Layer piling construction on relatively flat area. No seepage observed. Stream alkaline downstream. *Insignificant
48	76	None	None	0.2	10	0%	*Insignificant
49	76	None	Negligible	2	18	0%	*Insignificant
50	76	None	None	0.2	9	0%	*Insignificant
51	59	122, 122A		2	89	20% saplings, some grasses	Layer piling construction on gentle slope. Seepage observed along west edge of area.
52	59	122	151 (51, 52, 53 combined total)	1	21	0%	*Insignificant in comparison to D51.
53	59	122		0.3	2	50% trees, grasses	*Insignificant in comparison to D51.
56 (NE pile)	76			1	37	0%	*Insignificant
57 (NE pile)	76	5043A	10	1	13	0%	*Insignificant
56 (SW pile)	76			0.6	19	0%	Layer piling construction on gentle slope. Very slight seepage at base. *Insignificant
57 (SW pile)	76			1	17	40% saplings, grasses	*Insignificant
58	76	5043B	None	1	18	0%	*Insignificant
59	76	None	None	2	67	0%	*Insignificant
60	75	None	None	1	46	5% saplings	*Insignificant
61	11	None	None	0.4	3	80% vine, grasses	*Insignificant
62	11	None	None	1	2	100% trees, grasses	*Insignificant
63	75	None	Unknown	3	120	0%	Tippler form construction on flat area. No seepage observed. *Likely insignificant.
64	76	None	None	4	89	30% saplings	Tippler form construction on relatively flat area. No seepage observed. *Insignificant
65	76	None	None	1	10	0%	*Insignificant
66	76	None	None	1	11	0%	*Insignificant
67	76	None	None	1	7	5% grasses	*Insignificant
68	48	None	Unknown	3	92	5% saplings	Layer piling construction on relatively flat area. No seepage observed. *Insignificant