## Northern Anthracite Coal Field: Lackawanna Valley Borehole Awareness Campaign

Partners: EPCAMR, SRBC, & LRCA

Municipality Borehole Number & Name		<b>Borehole Condition</b>	Address	Specific Municipal Help (How?)	
Forest City Borough	BH 101 Forest City	accessible	623 Railroad Street, Forest City		
Carbondale City	BH 102 Powderly	unknown	SR 1003 and Cranberry Ave, Carbondale	locate	
Jermyn Borough	BH 103 Jermyn	paved over	Delaware and Chestnut streets, Jermyn (Nebraska)	opened & raised 2.5" to street level 3/7/12	
Archbald Borough	BH 104 Rushbrook	paved over/tar patch	326 Main St, Eynon	remove tar patch and raise to street level	
Archbald Borough	BH 105 Winton St	paved over/tar patch	1318 Winton St, Archbald	opened & raised 2" to street level 3/7/12	
Jessup Borough	BH 106A Peck Shaft	accessible	319 3rd Ave, Jessup		
Jessup Borough	BH 107 Sterrick	accessible	1010 Spring St, Jessup		
Blakely Borough	BH 108 Lackawanna	paved over	120 1st St, Peckville	find with metal detector, daylight	
Blakely Borough	MP 74 Lackawanna Shaft	discharging (always)	1437 Main St, Peckville (behind Quinns Market)	paved over, discharge routed to culvert	
Olyphant Borough	BH 109 Olyphant	accessible	Cleveland St & Scranton Ct (gravel alley), Olyphant		
Olyphant Borough	BH 113A Olyphant	accessible	W Line St, Olyphant		
Dickson City Borough	BH 110 Miles	accessible	W Lackawanna Ave & Hillcrest Dr, Olyphant		
Dickson City Borough	BH 111 Johnson	paved over in 2005	921-939 Lincoln St, Dickson City	find with metal detector, daylight	
Dickson City Borough	BH 52 Storrs	unknown	Main Ave and 81 Interchange #56 cloverleaf, Dickson City	locate, noted as "blocked" on Davey's Map	
Dickson City Borough	BH 112A Storrs	paved over in 2009	501 Grier St, Dickson City	find with metal detector, daylight	
Throop Borough	BH 114 Pancoast	paved over	147-185 Bellman St, Throop	find with metal detector, daylight	
Scranton City	BH 117 Cayuga	accessible (usually sludgy)	Pawnee Ave & Stewart Ct, Scranton		
Scranton City	BH 116 PA Coal (Underwood)	accessible	Adams Ave & University Ave, Scranton		
Scranton City	BH 123 Diamond	accessible	N Garfield Ave & Dorothy St, Scranton		
Scranton City	BH 125 Mt. Pleasant	cannot open cover cracked	1117 Swetland St, Scranton	purchase new 12" round cover	
Scranton City	Bellview Shaft	unknown	End of Meridian Ave (junkyard) on West Side of River, Scranton	locate, shown on Hollowell Map	
Scranton City	BH 122 Pine Brook	accessible	Olive St & Madison Ave, Scranton		
Scranton City	BH 126 National	paved over	1700-1748 Rosen Ct, Scranton	find with metal detector, daylight	
Scranton City	BH 129 Greenwood	paved over	3200 Oak Ave, Scranton	find with metal detector, daylight	
Scranton City	BH 124 Capouse	accessible (sometimes dry)	Pettibone St & N Dexter Ave, Scranton		
Dunmore Borough	BH 121 Green Ridge	accessible	Adams Ave & Larch St, Scranton		
Taylor Borough	BH 51 Taylor	accessible	Oak St & 3rd St, Taylor	route stormwater away (prevent plugging)	
Old Forge Borough	BH 127 Sibley	accessible	S Keyser Ave & Sibley Ave, Old Forge		
Old Forge Borough	BH 50 Old Forge	discharging (always)	1217 S Main St, Old Forge		
Duryea Borough	BH 130 Central	accessible	Wood St & York Ave., Duryea		

priority for "daylighting" (3)
inaccessible (8)
discharge esp. in high water (2)
Anthracite Strategy opened (3)

EPCAMR believes that the monitoring of boreholes is vital to understanding the underground mine water flows. EPCAMR is working to maintain boreholes most of which are state property.

Note to Municipalities: EPCAMR is interested in working to "daylight" boreholes that have become unaccessable with the assistance of the local municipal road departments & municipal leaders.

Note to Legislators/Grant Makers: Funding needed to construct collars around borehole casing & to assist with cold patching roads. Possibly drill new or re-drill ones that have collapsed. Realtime monitoring.

## Northern Anthracite Coal Field: Wyoming Valley Borehole Awareness Campaign

Partners: EPCAMR & SRBC

Municipality	<b>Borehole Number &amp; Name</b>	<b>Borehole Condition</b>	Address	Specific Municipal Help (How?)	
Hughestown Borough	BH 49 No. 9	accessible	Parsonage St & Reynolds St, Hughestown, PA		
West Pittston Borough	BH 131 Sullivan Trail	paved over	101 Ann St, West Pittston	find with metal detector, daylight	
Exeter Borough	BH 46 Exeter	accessible	150 Mason St, Exeter, PA(by fire hydrant)		
Exeter Borough	MP 29	unknown	Park-Cor Monument, Exeter	Locate	
Exeter Borough	MP 31	unknown	Sturmer Ave., Exeter	Locate	
lenkins Township	BH 132 Ewen	accessible	Friend St & Grebeck St, Jenkins		
West Wyoming Borough	BH 45 Mt. Lookout	accessible	541 W 8th St/State Rt 1021, West Wyoming, (across from town hall)		
Plains Township	BH 1 No. 14	accessible	River Rd & W. Saylor Ave, Pittston		
Plains Township	Plainsville Outfall	discharging (usually)	N River Rd (across from O'Malia Greenhouse gate to new discharge)		
Plains Township	BH 2 Henry	unknown	Parking lot of Old Tyme Charlie's, Plains	Could not find	
Plains Township	BH 3 Delaware Pool	accessible	1st St (Scott St), Wilkes-Barre		
woyersville Borough	BH 44 Maltby Pool	accessible	Dennison St & maltby Ave, Swoyersville		
Swoyersville Borough	BH 43 Harry E	paved over in 1994	Main and Shoemaker St, Swoyersville	find with metal detector, daylight	
orty Fort Borough	MP 27	unknown	Rutter Ave., Forty Fort	Locate	
(ingston Borough	BH 42 Dorance	plugged at 60'?	Gates and Reynolds St., Kingston	unclog, determine depth	
Kingston Borough	BH 41 East Boston	accessible	RR Ave & Sharpe St, Kingston		
Kingston Borough	BH 40 Kingston 4	accessible	E Grove St & Penn St, Kingston		
(ingston Borough	MP 24	cracked plate	N. Gates St., Kingston	Blocked?	
Kingston Borough	MP 25 & 26	unknown	Railroad St., Kingston	Locate	
Wilkes-Barre City	BH 39 Woodward	discharges (sometimes)	Northampton St/Kirby Park	discharges during high water, stains road	
Wilkes-Barre City	BH 133 Baltimore	accessible	Wyoming St & Olin St, Wilkes Barre		
Wilkes-Barre City	BH 134 Hollenback	accessible	Chapel St & New Hancock St, Wilkes-Barre		
Wilkes-Barre City	BH 5 Stanton	accessible	Moyallen St & S Empire St, Wilkes Barre		
Wilkes-Barre City	MP 21 & 22	unknown	Pickering St., Wilkes-Barre	Locate	
Plymouth Borough	BH 37 Lance	debris in hole	E Railroad St, Plymouth	Reroute Stormwater/Sediment Away	
lymouth Township	MP 14 Deep	accessible	Flat Road, Plymouth Twp.	Sample, but well in "buried valley"	
Plymouth Township	MP 15 Shallow	accessible	Flat Road, Plymouth Twp.	Sample, but well in "buried valley"	
Plymouth Township	BH 35 Avondale	paved over	Rte 11 & Sickler Hill Road, Plymouth Twp. (foot of concrete fdn.)	find with metal detector, daylight	
Ashley Borough	BH 135 Huber	paved over	58 Mary St, Ashley	find with metal detector, daylight	
Hanover Township	Buttonwood Gate	discharging (usually)	Breaker Rd, Wilkes-Barre		
Hanover Township	Buttonwood Shaft	accessible	Breaker Rd, Wilkes-Barre		
Hanover Township	BH 8 Askam (New)	discharging (usually)	Dundee Cross Rd, Hanover		
Hanover Township	BH 7 Sugar Notch	paved over in 2014	196 New Commerce Blvd, Sugar Notch	daylight, maybe convert to 1' round plate	
Hanover Township	BH 11 Loomis	discharges (sometimes)	Sans Souci Pkwy Exit 3, Hanover Twp.	discharges during high water	
Hanover Township	BH 12 Inman Shaft	discharges (sometimes)	Middle Rd., Hanover Twp. (across from St. Mary's Cemetery)	seeps through backfilled area	
Hanover Township	MP 16	unknown	Wilkes-Barre St., Hanover Twp.	Locate	
Hanover Township	MP 17	unknown	Stewart St., Hanover Twp.	Locate	
Nanticoke City	BH 34 Nanticoke (Susquehanna 7)	accessible	Honey Pot Section, Nanticoke		
lanticoke City	BH 9 Bliss	accessible	Espy St & Meadow Crest Dr., Nanticoke		
Newport Township	BH 10 Alden	paved over in 1997	W Railroad St & Marie Rd DEP reports "blocked"		
Newport Township	BH 137 Alden	accessible	1303 Stearns Station Rd (Center St), Newport		
Newport Township	BH 19 Wanamie	accessible	Cemetery Rd (hike back from cemetery, left and left)		
Newport Township	Glen Lyon Pump	discharging (usually)	behind Arch St, Glen Lyon		
Newport Township	MP 72 Wanamie Pool	unknown	Nanticoke Landfill at elevation 586.1 Locate or actual Newport Lake?		
Newport Township	BH 33 Stearns	unknown	Stearns Pump, Newport Twp. (opposite creek from Newport Cem.) Locate		

priority for "daylighting" (6)
inaccessible (13)
discharge (7)

EPCAMR believes that the monitoring of boreholes is vital to understanding the underground mine water flows. EPCAMR is working to maintain boreholes most of which are state property.

Note to Municipalities: EPCAMR is interested in working to "daylight" boreholes that have become inaccessible with the assistance of the local municipal road departments & municipal leaders.

Note to Legislators/Grant Makers: Funding needed to construct collars around borehole casing & to assist with cold patching roads. Possibly drill new or re-drill ones that have collapsed. Realtime monitoring.

## Northern Anthracite Field: Discontinued Boreholes/Monitoring Points

Partners: EPCAMR, SRBC, & LRCA

Municipality	<b>Borehole Number &amp; Name</b>	<b>Borehole Condition</b>	Address	Notes
Dickson City	MP 64 Storrs #1 Shaft	Inaccessible		Backfilled in 1986 by OSM
Olyphant	MP 53 Olyphant Shaft	Inaccessible	Eddy Creek Shaft, Olyphant	Shaft dismantled and destroyed in 1983 by DER
Scranton	BH 61 Pine Brook	Inaccessible		Shaft cave in 1982
Duryea	BH 59 Phoenix Shaft	Inaccessible		Backfilled during project OSM 40(046-80)101.1 in 1983
Exeter Borough	BH 47 Stevens	Inaccessible	Slocum Ave, Exeter	Destroyed durring PennDOT road resurfacing in 1984
West Pittston	BH 48 Clear Spring	Inaccessible	Clyde St., W. Pittston	Borehole blocked in 1982
Plains Township	BH 58 Henry Shaft	Inaccessible	River Road, Plainsville	Backfilled in 1991
Plains Township	BH 68 Henry	Inaccessible	Plainsville	Subsidence along borehole in 2003
	MP 57 Delaware Shaft	Inaccessible		Backfilled in 1982
Newport Township	BH 71 Wanamie	Inaccessible	Forge Slope, Nanticoke	Blocked in 1986
Hanover Township	BH 6 Huber Airshaft #4	Inaccessible	near Carey's Patch, Ashley	Backfilled during project OSM 40(508-84) 101.1 in 1985
Wilkes-Barre City	BH 4 Baltimore	Inaccessible	Conyngham Ave., Wilkes-Barre	Blocked in 1986
Nanticoke City	MP 13	Inaccessible	Broadway, Nanticoke	Blocked in 1984
Newport Township	BH 18 Colly Pool Wanamie #18	Inaccessible	Glen Lyon	Blocked at 8.7' down in 1991
Wilkes-Barre City	MP 19 & 20	Inaccessible	Tyler Lane, Wilkes-Barre	Blocked in 1986
Edwardsville Borough	MP 23	Inaccessible	Northampton St., Edwardsville	Blocked in 1984
Wyoming Borough	BH 30	Inaccessible	Monument Park, Wyoming	Blocked in 1984, checked after but dry
Newport Township	BH 32 Glen Lyon #6	Inaccessible	Arch Street, Glen Lyon	Blocked in 1982, replaced by Glen Lyon Pump
Plymouth Township	BH 36 Nottingham	Inaccessible	WVW School Lot, Plymouth	Collapsed or Plugged in 2000
Larksville Borough	BH 38 Loree	Inaccessible, still in 2011	Nesbit St., Larksville	Damaged in 1976, checked till 1983 but no readings, stormdrain grates added holds water 2011

priority for "daylighting" (3 inaccessible (9) discharges (high water)