PETITION
to
ENVIRONMENTAL QUALITY BOARD
for
Stream Redesignation
Upper Browns Creek Creek Watershed
Greene County, Pennsylvania
EQB Meeting -- 21 April 2015

Petition Filed by:

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On Behalf of:

Citizens Coal Council
605 Taylor Way
Bridgeville, PA 15017
Aimee Erickson, Executive Director
412-257-2223 www.citizenscoalcouncil.org
PETITION AREA: 9,500 acres
in Morris and Washington Townships, Greene County
PETITION AREA: Upper Browns Creek Watershed

Browns Creek (#40492), Bates Fork (#40512), Patterson Creek (#40547), and tributaries

Petition Area = 9,500 acres      Yellow shading = 24,170 acres
Upper Browns Creek Watershed

Basin Characteristics Report

Date: Thu Apr 16 2015 13:52:58 Mountain Daylight Time
NAD27 Latitude: 39.9264 (39 55 35)
NAD27 Longitude: -80.2456 (-80 14 44)
NAD83 Latitude: 39.9265 (39 55 35)
NAD83 Longitude: -80.2454 (-80 14 44)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Area in square miles</td>
<td>37.57</td>
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<tr>
<td>Mean Basin Elevation in feet</td>
<td>1238.8</td>
</tr>
<tr>
<td>Total stream length in miles</td>
<td>90.66</td>
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<tr>
<td>Stream density (miles/square mile)</td>
<td>2.41</td>
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<tr>
<td>Percent of area covered by lakes, ponds, reservoirs and wetlands</td>
<td>0.0</td>
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<tr>
<td>Mean annual precipitation in inches</td>
<td>39.0</td>
</tr>
<tr>
<td>Percent of area covered by forest</td>
<td>66.0</td>
</tr>
<tr>
<td>Percentage of impervious area determined from NLCD 2001 impervious dataset</td>
<td>0.0</td>
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</tbody>
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66% Forest
PETITION AREA LAND USE: Undisturbed forests, fields, farms
EV Streams recognized nearby (green at blue arrows)

Undisturbed by past mining (gray rectangular longwall mine panels)

Threat from future mining (red streams permanently dewatered)
2,538 acres

Approved for Longwall Mining

February 2014
1,521 acres  (4,059 ac. total)  “BMX Mine”

Approved for Longwall Mining  (AND PREDICTED FLOW LOSS)

February 2015
30121301 and NPDES No. PA0236195. Consol Pennsylvania Coal Company LLC, (1525 Pleasant Grove Road, PO Box J, Claysville, PA 15323). To revise the permit for the BMX Mine in Morris and Washington Townships, Greene County to add underground permit and subsidence control plan area acres for longwall mining. Potential stream restoration for flow loss from longwall mining may be necessary for three areas of Browns Creek and one area of an unnamed tributary to Browns Creek. Underground Acres Proposed 1521.0, Subsidence Control Plan Acres Proposed 1521.0. No additional discharges. The application was considered administratively complete on September 17, 2013. Application received: July 22, 2013. Permit issued: February 18, 2015.
Remaining 5,500 acres  (4,550 + 950)

Approved for Development Mining

(one step before longwall approval)

December 2014
Bioassessment data show:

- EV existing use conditions
- High TBS (Total Biological Scores)
THE END