

Shale Gas Monitoring Update

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Resource Inventory and Monitoring Section

Water

- Widespread Water Sampling
 - 72 sites completed in 7 districts
 - 77 sites remaining
- 25 USGS sites
 - Scheduled for fall
- 25 macroinvertebrate collection sites
 - 23 scheduled for spring, moved to fall
 - Nov. 1 to end of May window

PCSM

- Surveys completed on 12 roads and 5 pads
 - 8 sites scheduled for revisit
 - Persistent water and presence of egg masses or spermatophores during 1st visit in April
 - 2nd visit June/July for absence/desiccated eggs or larva

Road Conditions


- Completed 79 roads in 7 districts
- 22 to complete for the year



Comment Cards

- 154 comment cards from July 2019 to June 2020 representing 14 districts

8170-CD-FR0175 Rev. 9/2014

 **COMMONWEALTH OF PENNSYLVANIA**
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
BUREAU OF FORESTRY

DC: _____

COMMENT CARD

Please give us a minute of your time to help us serve you better on this state forest. How would you rate our facilities and services in

State Forest Name: _____ at Location: _____ Date of Visit: _____ Your Home Zip: _____

What is the primary reason or activity that brings you to this state forest (please circle): scenic driving, camping, backpacking, hiking, biking, hunting, fishing, boating, horseback riding, ATV riding, snowmobiling, wildlife viewing, relaxation, picnicking, other (please specify)? _____

Please circle one for each item:	Poor	Fair	Avg.	Good	Very Good
Scenery	1	2	3	4	5
Condition of the natural environment	1	2	3	4	5
Condition of Forest roads	1	2	3	4	5
Condition of Forest trails	1	2	3	4	5
Parking lot\Trailhead condition\Appearance	1	2	3	4	5
Condition of developed recreation facilities (latrines, picnic tables, fire rings, campsites, pavilions, etc.)	1	2	3	4	5
Feeling of safety and security	1	2	3	4	5
Adequacy of signage	1	2	3	4	5
Availability of recreation information: (maps, website, etc.)	1	2	3	4	5

Has Marcellus activity at another location prompted you to use this location? (if so, where) _____

Has Marcellus activity changed your recreational use of this state forest? (if so, how) _____

Has Marcellus activity changed your experience on this state forest? (if so, how) _____

What do you like or what are we doing right? _____

What improvements would you like to see? _____

Invasive Species

- Surveyed 58 pads in 6 districts
- EDRR treatment and follow-up at 34 sites in 5 districts (COVID-19 impacted pre-emergent treatments)
 - 4 new EDRR cases
- Non-EDRR invasive plant work
 - 20 sites in 5 districts
 - Poison hemlock (8), marsh thistle (1), mile-a-minute (1), Japanese barberry (6), wild parsnip (2), *Ailanthus* (2)

Sound

- 5 pads in 5 districts
- Leaf-on at 12 compressors
- Leaf-off at 2 compressors
- 10 compressor leaf-off measurements remaining (after Nov. 1)

Shale Gas Monitoring Story Map

← → ↺ dcnr.maps.arcgis.com/apps/MapJournal/index.html?appid=9ea24f96775b4a3fa92c4e51e5d6345c ☆ ⓘ ⋮

PA DCNR Bureau of Forestry



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The Shale Gas Monitoring Program

The Pennsylvania Department of Conservation and Natural Resources (DCNR) is broadly responsible for conserving the forests of the commonwealth.

DCNR's Bureau of Forestry's mission statement identifies the environmentally sound use of mineral resources, which includes oil and gas, as a component of state forest management.

DCNR established a program charged



www.dcnr.state.pa.us



pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES

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Questions?