Fracwater Reporting Form



Water Withdrawal Guidance Tool

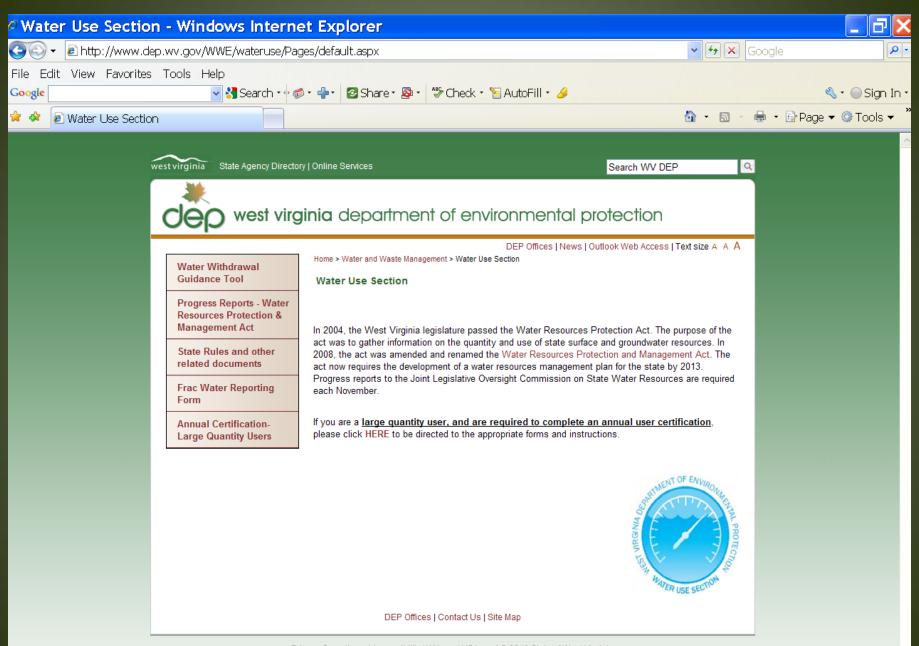
Michael I. Stratton

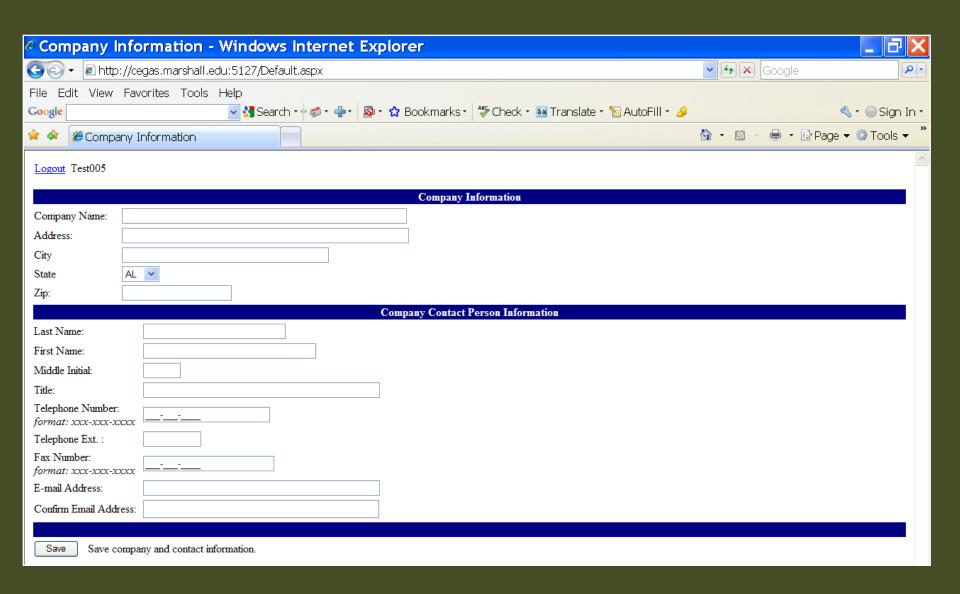
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(304) 926-0499 X 1280

MARCELLUS SHALE HYDROFRACTURING

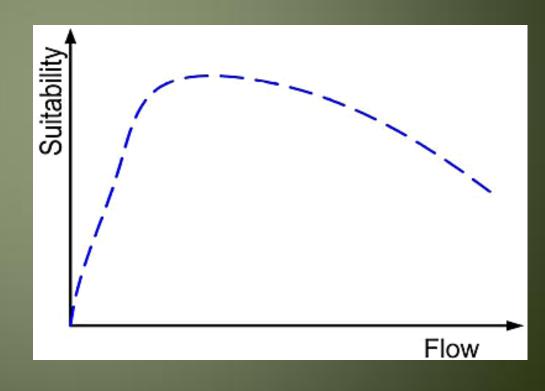
- Reporting form requires:
 - Company information
 - Withdrawal locations
 - Withdrawal amounts
 - Holding pond locations
 - Amount used for frac in each well
 - Where blowback was disposed
 - Amount of disposal
 - Amount of recycled fluids (if any)





IFIM seeks to relate the suitability of the habitat for a particular species or guild to the stream's flow.

Many environmental factors are directly related to stream flow, e.g. water temperature, concentration of contaminants, or type of substrate.



AN EVALUATION OF INSTREAM FLOW METHODS FOR USE IN WEST VIRGINIA

REPORT FROM

DIVISION OF WILDLIFE RESOURCES
WEST VIRGINIA DEPARTMENT OF NATURAL RESOURCES
ELKINS, WEST VIRGINIA

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OHIO RIVER BASIN COMMISSION CINCINNATI, OHIO

PREPARED BY

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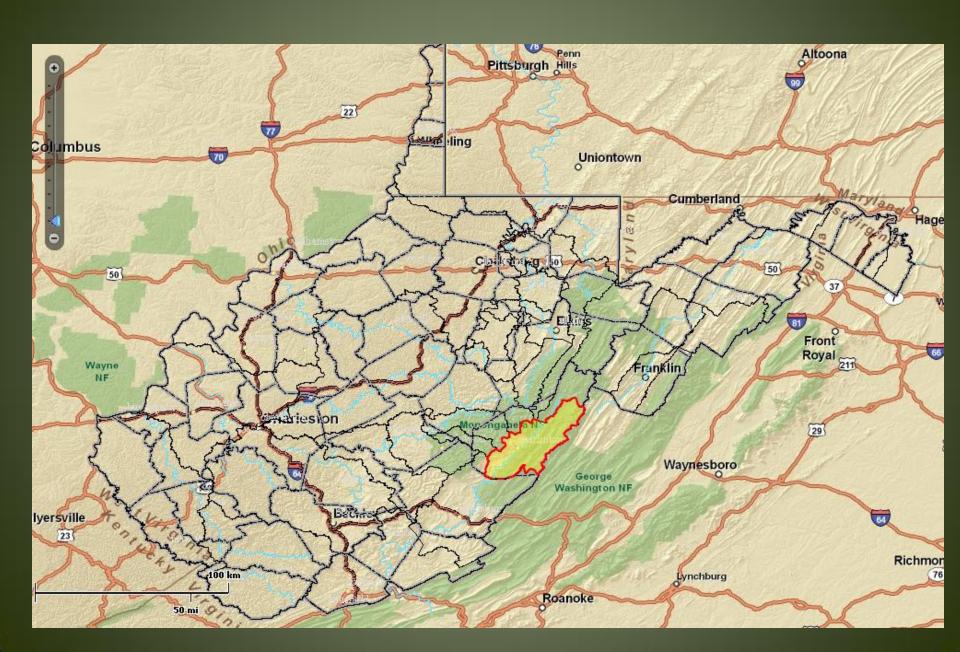
September 1981

Instream Flow Methods

Inter-agency agreement executed with USGS in May 2010 to perform first two phases:

- 1. Survey of similar studies in nearby states;
- Statistical analysis of existing data from DEP (macroinvertabrates).

Water Withdrawal Guidance Tool



QUESTIONS?



west virginia department of environmental protection

