

**The WHM Group *sm***, is a multi-discipline corporation committed to providing environmental resource solutions. With our main office in State College, Pennsylvania, **The WHM Group *sm*** maintains a close relationship with university resources concerned with environmental related issues. Our satellite office in Harrisburg, Pennsylvania, allows **The WHM Group *sm*** to maintain close communications with regulators and legislators and to monitor emerging government environmental initiatives. Associates of **The WHM Group *sm*** with offices in the Delaware Valley and Pittsburgh provide coverage throughout Pennsylvania and the surrounding regions. Directly and through collaboration with other organizations, **The WHM Group *sm*** serves a variety of clients throughout the eastern and southeastern United States.

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*Science and business collaborating to bring forth  
responsible environmental solutions.*

*[www.whmgroup.com](http://www.whmgroup.com)*

***Pennsylvania  
Energy Services***





# DON'T LET YOUR PERMIT GET DELAYED

Energy Permits in Pennsylvania are being submitted at an all time high causing regulatory agencies to be overwhelmed with permit applications. Many of the permits being submitted are delayed due to insufficient coordination *prior* to project development. *In order to avoid potential conflicts or delays, The WHM Group sm completes initial project investigations to avoid and minimize costly delays.* A list of investigations that should be conducted in advance of completing a permit application include:

## Threatened and Endangered Species Coordination:

The Pennsylvania Natural Diversity Inventory (PNDI) is an information system for conservation, planning and natural resource management. The inventory identifies threatened and endangered species by location. Permit applicants must run the PNDI planning tool, at: <http://www.naturalheritage.state.pa.us>, for their potential project. Early consultation with jurisdictional agencies prior to project development is crucial.



*Timber Rattlesnake, a species of concern.*

*The WHM Group sm and our associates have certified professionals to deal with these "hits". For most instances a habitat survey can resolve these issues.*

**Archaeological Coordination:** As part of many projects, a cultural resource notice needs to be cleared through Pennsylvania's Historical and Museum Commission (PHMC). If archeological resources are located in or near your project area, archeological surveys and support documentation will be required.



*Archaeological Survey*

*The WHM Group sm has years of experience in working with clients and the PHMC to resolve these issues without timely delays.* In many instances this can be accomplished without significant field investigation.



*Waterfowl nesting wetland*

**Wetland Assistance:** During the initiation of any project, it is wise to have your site evaluated for wetlands. Avoiding this step can be costly, time consuming, and may inhibit the development of the project.

*The WHM Group sm* has experienced professionals who can determine whether jurisdictional wetlands and waters exist within your project area. Wetlands are subject to varying local, state and federal regulations. *The WHM Group sm* utilizes the most up-to-date technical methods to field delineate wetland boundaries. *In addition, our professionals will provide recommendations to avoid, minimize, and/or mitigate for water resource impacts in order to comply with permitting requirements.*

## Water Management:

Water is a critical issue for many energy projects – whether the need is water withdrawal, storage, stormwater, or treatment and disposal. Each of these uses are regulated and the more water involved, the greater the scope of the regulations. Currently energy projects are facing especially tough permitting hurdles with the Susquehanna River Basin Commission for certain water withdrawal projects.



*Waste water treatment.*

*The WHM Group sm* has expertise in each of these areas and has worked all over the region with regulators at the local, state, and federal levels. *This experience provides us with the knowledge of current permitting issues and places us at the forefront of resolving these issues.*

Few issues have polarized the business community and environmentalists more than the balance between protecting the environment and the development interests of private enterprise.

*The WHM Group sm* is owned by its original founders, who are professionals with backgrounds in government and governmental relations, environmental permitting, environmental engineering, the natural sciences, construction, business development (in the United States and abroad), and economic development. We offer turnkey packages to provide our clients with the most cost effective and technically sound projects. From conceptual planning and permitting to task implementation, *The WHM Group sm* provides a total package and a high degree of confidence that the project will succeed.