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Members of the Mahomet Aquifer Protection Task Force Subcommittee A

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Threat Screening Conceptual Model

w-up to the productive conversation at the May 21 Mahomet Aquifer Protection Task Force
committee “A” meeting focused on identifying threats to the aquifer, I agree with the Subcommittee
ion about our work product and the importance of being able to differentiate between a
itial source” and a “threat.” I propose that the Subcommittee members consider developing a
ual model to help evaluate the universe of potential sources that do or may exist, so that we can
e and focus our attention on those that pose the greatest threat. This will facilitate our ability
t the efforts of those performing threat analyses to maximize objectivity and consistency and
a more useful end product to be utilized by the other Subcommittee. Finally, using a well-
ed and documented methodology in making decisions about sources and threats will result in a
fensible end product, and allow the Subcommittee to more clearly articulate why a particular
was defined as threat and how identified threats were prioritized.

discussed by the group that I believe should be included in such a model include (but not
arily be limited to):

Existing Conditions contaminating aquifer
   o Subject to remediation/evaluation
Location
   o Geography
   o Geology
The nature of the threat posed by the activity or condition
Applicable regulations/protection
Age of condition or activity
Site-specific knowledge or lack thereof

of the above factors likely require additional discussion by the Subcommittee to further define
is intended to provide useful direction in performing the analysis. Using the conceptual model,
lysis could be performed on a case-by-case basis, or where there is sufficient consistency among
of similarly situated activities or potential threats, to consider them all together. I welcome a
t dialog among the Subcommittee members about this concept and its further development.