

**ABBREVIATED NOAA NEPA QUESTIONNAIRE**

(OMB Approval Number: 0648-0538; exp 11/30/18)

Instructions. Answer EVERY question in the yellow square below it.

Grant number and/or Project ID (if available)
NA16OARXXXXXX
Project Title
<b>National Weather Service Risk Runoff Outreach Project</b>
Name and contact information for the person completing this form
Name Address Phone Number Email Address
State Sea Grant Program
Michigan Sea Grant
1. Describe the proposed activity, including: - its purpose, objectives, and goals; -- sampling, collection, or observation procedures; - any proposed mitigation or monitoring measures; - a description of the proposed impact area, if the proposed activity involves construction, restoration, dredging, excavation, and/or fill; - a description of the equipment or structures (e.g. scientific monitoring equipment, deployment platforms, etc.) that would need to be temporarily or permanently placed in the environment.
The Risk Runoff Advisory/Michigan State University EnviroImpact tool is part of a larger multi-state regional effort to provide real-time forecast guidance to farmers (and those working with farmers) in order to improve nutrient application timing decisions so that freshly applied nutrients (primarily in the form of livestock manure) are not accidentally leaving fields and going into surface waters at times when impact of such actions may be high. Relying on National Weather Service (NWS) modeling, on-farm monitoring data and multi-partner collaboration, Michigan along with other participating states are developing these online tools as a comprehensive science based approach addressing state, regional and/or federal nutrient reduction goals within the region. Ultimately, this decision support tool will focus attention on nutrient application timing and encourage voluntary behavioral changes as farmers incorporate this tool into their planning for nutrient application.
2. List the species of plants and animals that are the subjects of the proposed activity, and describe the numbers (by species, age, sex, stock, location, etc.) to be targeted. Specify which non-native species could be introduced incidentally and how.
Participating farmers that would utilize this online decision support tool could impact primarily field crops across the state of Michigan that would be receiving nutrients (primarily in the form of livestock manure). However this project will not directly target or alter species of plants or animals
3. List species that would be transplanted or introduced at the site or in its immediate vicinity, and specify whether any would be non-native. Specify which non-native species could be introduced incidentally and how.
This proposal will develop an online decision support tool. We do not have any direct biological or environmental sampling plans in this application
4. List hazardous substances (as defined by 29 CFR 1910.120(a)(3)) that may be released into the environment or used during the proposed activity.
N/A
5. List hazardous wastes (as defined by 40 CFR 261.3) that may be generated during the proposed activity.
N/A
6. List unique or unknown risks to human health or the environment from the proposed activity.
N/A

Mock-Up Abbreviated Environmental Compliance Questionnaire for Example ONLY

7. List any individuals, groups, or organizations that may disapprove of or oppose the proposed activity, and describe the circumstances of their disapproval or opposition.
This project intends to provide additional information via a decision support tool. To our knowledge, there are no opponents to this research effort.
8. If the proposed activity is a continuation of an ongoing project, describe any changes to the proposed activity since it was initiated, including progress toward achieving its objectives/goals.
Since this program started there has been continued program development and maintenance, including software updates and modeling updates from NWS. There have been continuous outreach and education activities associated with this tool.
10. Describe the proposed activity's location, including geographic coordinates, river mile markers, etc. and indicate whether it includes unique geographic areas of notable recreational, ecological, scientific, cultural, historical, scenic, or aesthetic importance (Examples include, but are not limited to: coral reefs; marine protected areas; national marine sanctuaries; essential fish habitat; habitat area of particular concern; critical habitat designated under the Endangered Species Act; park or refuge lands; wild or scenic rivers; wetlands; prime or unique farmland; sites listed on the National Register of Natural Landmarks; sites listed or eligible for the National Register of Historic Places; sites that are ecologically significant or critical areas including areas that are normally inundated by water or areas within the 100-year floodplain).
The Risk Runoff Advisory/Michigan State University EnviroImpact tool is available for the entire state of Michigan. The Regional Runoff Risk Decision Support effort is comprised of National Weather Service/NOAA, Michigan, Minnesota, Ohio and Wisconsin (with Illinois, Indiana and New York joining in this effort shortly). However, the location of the development of this tool is limited to the University.
11. Would the proposed activity degrade or disturb previously undisturbed areas?
No, this activity does not directly involve interaction with environmental areas.
13. If there are previous or ongoing uses of the proposed activity's site, or other issues, that make it likely that contaminants may be uncovered and/or disturbed by the proposed activity, describe the previous or ongoing uses or other issues of the site, potential contaminant, and the circumstances that may uncover and/or disturb the contaminants.
N/A
17. List all other interested or affected Federal, state, and local agencies; Tribal governments, nongovernmental organizations; minority or economically disadvantaged communities; and individuals. Describe listed entities involvement, activity, or oversight regarding the proposed activity.
Partners for the Risk Runoff Advisory/Michigan State University EnviroImpact tool include National Weather Service/NOAA, Michigan State University Institute for Water Research, Michigan State University Extension, Michigan Sea Grant, Michigan Department of Agriculture and Rural Development, Michigan Department of Environmental Quality, Michigan Agriculture Environmental Assurance Program, Michigan Association of Conservation Districts, Michigan Farm Bureau, statewide commodity groups, and others. All of the partners have been crucial to both the program development and education/outreach for this project.
18. List all federal, state, or local permits, authorizations, waivers, determinations, or ongoing consultations that would be required for the proposed activity to comply with all applicable environmental laws and regulations. Provide the date the permit, authorization, waiver, or determination was obtained or would be obtained.
Waivers/permits are not needed in the development of the advisory tool. This project does not include the implementation of the tool outcomes.
35. Is the target species listed as endangered, threatened, or otherwise protected species (under Federal and/or state law; e.g. Endangered Species Act and/or Marine Mammal Protection Act, etc.)?
N/A
37. List non-target species that may occur in the proposed sampling area, and specify how many of each non-targeted species are expected to be caught?
N/A