



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

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MEMORANDUM

DATE: JUN - 7 2012

TO: Regional Office Directors
Division of Environmental Quality

John Madras, Director
Water Protection Program

FROM: 
Alan J. Reinkemeyer, Acting Director
Division of Environmental Quality

SUBJECT: New Technology Policy Implementation

Thank you for providing staff to participate in the New Technology workgroup. This group has met on a regular basis for over two years with the goal of developing procedures to ensure consistency within the Department and provide information that is user-friendly and understandable for the regulated community.

The Clean Water Regulations reference new technology for wastewater projects but the Department has not had a standard process to implement the regulations. This became an issue in years past with consulting firms attempting to receive approval for various types of new components and processes related to wastewater treatment. In 2009 the New Technology Workgroup was formed to address issues specified by these stakeholders. The specific questions to be addressed by the group included:

- What is new technology?
- What should we require in order to approve a project?
- Are there special permit requirements needed?
- How and when do we evaluate systems after permits are issued?
- At what point do we determine that a new technology works and should be included in the regulations or doesn't work and should no longer be approved?

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Based on the workgroup's results, I am directing changes as outlined below:

- Update the Department's Permit Manual with the attached procedure entitled *MDNR New Technology Review Process*;
- Update the Department's website with the attached fact sheet entitled *New Technology Definitions and Requirements*;
- Update Missouri Clean Water Information System as needed to allow flagging of facilities utilizing New Technology;
- Update the Department's Compliance Manual with new technology inspection procedures as they are developed;
- The Water Protection Program (WPP) should include new technology related inspection requirements in the Program Activities Descriptions that are provided to the regions each year. The facilities requiring inspection will be included in the inspection target lists after consultation with the New Technology workgroup.
- The regions, WPP Fixed Asset Coordinator and WPP Permitting Units should all specify staff to participate in the New Technology Workgroup each year. New Technology duties should be reflected in the Performance Planning Documents for these individuals. It is estimated 40 hours each year will be needed for the annual review plus additional hours for follow up letters and inspections.
- WPP specified designee will organize annual review meetings and work with the group to ensure that all follow up needed, based on the review, is assigned. New Technology duties should be reflected in the Performance Planning Documents for this position.
- Ensure that WPP and each regional office have the ability to scan plans and specifications for use in the group's annual review and during inspections. Each region should already be equipped with a scanner/plotter. WPP has access to a scanner/plotter located on 3E of the Lewis and Clark Building that will serve this purpose.
- It has become apparent based on the document sharing that will be required of this group that procedures for and encouragement of electronic storage and transfer of documents is going to be key. The Department should push forward on this issue.

AJR/cdm

Attachments