Shooting ranges play an important role for everyone that appreciates the shooting sports, hunter safety programs, and firearms education. They also enjoy a rich, proud tradition of fostering Michigan’s outdoor recreational heritage.

Although lead has long been the preferred material for shot and bullets, lead and lead compounds can be toxic to humans and wildlife. This is of special concern to shooting ranges where spent shot and bullets may weather and erode resulting in soil and water contamination. This situation can be properly managed through the use of Best Management Practices (BMP’s) for ranges.

For Help with Range Design and Lead Shot Management:

**National Shooting Sports Foundation (NSSF)**
Provides technical assistance and publications on a broad list of range management issues, including lead shot management.
(203) 426-1320
http://www.rangeinfo.org

**National Rifle Association (NRA)**
Offers technical assistance on the design of new ranges to address safety, noise, and environmental concerns.
(703) 267-1000
http://www.nra.org

**United States Environmental Protection Agency (U.S. EPA)**
Published Best Management Practices for Lead at Outdoor Shooting Ranges, 2001, on lead shot issues and management alternatives.
http://epa.gov/region2/waste/leadshot

**Environmental Assistance Center**
Has general information on environmental regulations and best management practices applicable to shooting range.
(800) 662-9278
www.deq.state.mi.us/ead/tasect/eac.html

**Environmental Permit Coordinator**
Provides information on Environmental Permits:
(517) 335-4235

**Environmental Response Division**
Provides information about environmental remediation and “Due Care” requirements
(517) 373-9337
www.deq.state.mi.us/erd

**Waste Management Division**
Has information about waste management requirements.
(517) 373-2730
www.deq.state.mi.us/wmd

June 2001
DO pay attention to this issue. The sooner your club acts to properly manage lead shot and lead bullets, the better. Managing lead today will protect public health and the environment at and surrounding your range, and demonstrate your club’s commitment to responsible range management. Clubs that do not act to manage lead shot and lead bullets risk spending more money later to address lead-related problems.

DO assign one or more club members to the task of lead shot management. The best way to ensure that your club develops a plan of action for managing lead shot and lead bullets is to assign the responsibility of learning about the issues and management options to members who are interested and willing to take on this task.

DO develop an environmental stewardship plan for your range. The plan represents the written snapshot or baseline of existing conditions as well as a “road map” for implementing and measuring the plan. The plan for a shooting range should address the management of lead shot and bullets. It should be developed in cooperation with the Department of Environmental Quality, the Department of Natural Resources, and other affected agencies and groups. The plan should be based on the best available scientific information and include details such as the range’s location, size, and use; the type of shooting equipment used; and the methods used to manage lead shot and bullets. The plan should also include a time frame for implementing the lead management plan and a system for monitoring its effectiveness.

DO assign one or more club members to the task of lead shot management. The best way to ensure that your club develops a plan of action for managing lead shot and lead bullets is to assign the responsibility of learning about the issues and management options to members who are interested and willing to take on this task.

DO develop an environmental stewardship plan for your range. The plan represents the written snapshot or baseline of existing conditions as well as a “road map” for implementing and measuring the plan. The plan for a shooting range should address the management of lead shot and bullets. It should be developed in cooperation with the Department of Environmental Quality, the Department of Natural Resources, and other affected agencies and groups. The plan should be based on the best available scientific information and include details such as the range’s location, size, and use; the type of shooting equipment used; and the methods used to manage lead shot and bullets. The plan should also include a time frame for implementing the lead management plan and a system for monitoring its effectiveness.

DO pay attention to this issue. The sooner your club acts to properly manage lead shot and lead bullets, the better. Managing lead today will protect public health and the environment at and surrounding your range, and demonstrate your club’s commitment to responsible range management. Clubs that do not act to manage lead shot and lead bullets risk spending more money later to address lead-related problems.

DO assign one or more club members to the task of lead shot management. The best way to ensure that your club develops a plan of action for managing lead shot and lead bullets is to assign the responsibility of learning about the issues and management options to members who are interested and willing to take on this task.

DO develop an environmental stewardship plan for your range. The plan represents the written snapshot or baseline of existing conditions as well as a “road map” for implementing and measuring the plan. The plan for a shooting range should address the management of lead shot and bullets. It should be developed in cooperation with the Department of Environmental Quality, the Department of Natural Resources, and other affected agencies and groups. The plan should be based on the best available scientific information and include details such as the range’s location, size, and use; the type of shooting equipment used; and the methods used to manage lead shot and bullets. The plan should also include a time frame for implementing the lead management plan and a system for monitoring its effectiveness.

DO pay attention to this issue. The sooner your club acts to properly manage lead shot and lead bullets, the better. Managing lead today will protect public health and the environment at and surrounding your range, and demonstrate your club’s commitment to responsible range management. Clubs that do not act to manage lead shot and lead bullets risk spending more money later to address lead-related problems.

DO assign one or more club members to the task of lead shot management. The best way to ensure that your club develops a plan of action for managing lead shot and lead bullets is to assign the responsibility of learning about the issues and management options to members who are interested and willing to take on this task.

DO develop an environmental stewardship plan for your range. The plan represents the written snapshot or baseline of existing conditions as well as a “road map” for implementing and measuring the plan. The plan for a shooting range should address the management of lead shot and bullets. It should be developed in cooperation with the Department of Environmental Quality, the Department of Natural Resources, and other affected agencies and groups. The plan should be based on the best available scientific information and include details such as the range’s location, size, and use; the type of shooting equipment used; and the methods used to manage lead shot and bullets. The plan should also include a time frame for implementing the lead management plan and a system for monitoring its effectiveness.

DO pay attention to this issue. The sooner your club acts to properly manage lead shot and lead bullets, the better. Managing lead today will protect public health and the environment at and surrounding your range, and demonstrate your club’s commitment to responsible range management. Clubs that do not act to manage lead shot and lead bullets risk spending more money later to address lead-related problems.

DO assign one or more club members to the task of lead shot management. The best way to ensure that your club develops a plan of action for managing lead shot and lead bullets is to assign the responsibility of learning about the issues and management options to members who are interested and willing to take on this task.

DO develop an environmental stewardship plan for your range. The plan represents the written snapshot or baseline of existing conditions as well as a “road map” for implementing and measuring the plan. The plan for a shooting range should address the management of lead shot and bullets. It should be developed in cooperation with the Department of Environmental Quality, the Department of Natural Resources, and other affected agencies and groups. The plan should be based on the best available scientific information and include details such as the range’s location, size, and use; the type of shooting equipment used; and the methods used to manage lead shot and bullets. The plan should also include a time frame for implementing the lead management plan and a system for monitoring its effectiveness.