

# Environment & Conservation Inventory Contents

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# Reducing Diesel Emissions for a Healthier Tennessee

 **Strong Evidence**

| Program/Intervention Name   |  | Description/Additional Information  |
|---|--|---|
| <a href="#">Reducing Diesel Emissions for a Healthier Tennessee</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> |  | Reducing Diesel Emissions for a Healthier Tennessee provides funding to replace older, diesel vehicles, including school buses and work trucks, with new alternative fuel or diesel vehicles. Funding can also be requested for efforts towards replacing engines in older diesel vehicles with new alternative-fueled or diesel engines, converting OEM diesel vehicles to run on alternative fuels, and the addition of Truck Stop Electrification equipment at Tennessee-based Travel Centers. The program is funded by the EPA Diesel Emissions Reductions Act to reduce diesel emissions. TDEC oversees Tennessee’s state allotment and is partnering with the East Tennessee Clean Fuels Coalition to manage the program. |
| Delivery Setting  |  | Target Population   |
| Organization/Business/Local Government  |  | Adults, Businesses/Entrepreneurs  |

| Logic Model   | Outputs  | Outcome(s)   |
|---|--|--|
| If we replace older, diesel vehicles with the purchase of new diesel or alternative fuel vehicles, then we will reduce harmful emissions associated with older diesel vehicles, including nitrogen oxides (NOx), particulate matter 2.5 (PM2.5) and greenhouse gases, and in doing so, help ensure clean air for Tennesseans. | 1. Number of vehicle replacements funded         | 1. Number of pounds of nitrogen oxide (NOx) emissions reduced annually |
|   | 2. Number of grants provided                     |  |
|   | 3. Number of truck stop electrification projects |  |

| Evidence              |   | Strong Evidence          |
|-----------------------|---|--------------------------|
| Clearinghouse         | Entry Name & Link   | Evidence Rating          |
| What Works for Health | <a href="#">Clean diesel technology fleet transition programs</a> | Scientifically supported |

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# Volkswagen Diesel Settlement Vehicle Replacement Programs

 **Strong Evidence**

| Program/Intervention Name   |  | Description/Additional Information  |  |
|---|--|---|--|
| <a href="#">Volkswagen Diesel Settlement Vehicle Replacement Programs</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> |  | The Volkswagen Diesel Settlement Vehicle Replacement Programs support environmental mitigation projects that reduce emissions of nitrogen oxides (NOx). Projects include replacing or repowering older diesel engines with new diesel, alternate fueled (propane, compressed natural gas, or diesel-electric hybrid), or all-electric engines; replacing older diesel vehicles, vessels, and equipment with new diesel, alternate fueled, or all-electric vehicles, vessels, and equipment. |  |
| Delivery Setting  |  | Target Population   |  |
| Organization/Business/Local Government, School, Workplace   |  | Adults, Businesses/Entrepreneurs, Rural Focus   |  |

| Logic Model   | Outputs                                       | Outcome(s) |
|---|---|------------|
| If we support environmental mitigation projects that replace or repower older diesel engines with new diesel, alternate fueled, propane, diesel-electric hybrid, or all-electric engines; replace older diesel vehicles (including school buses), vessels, and equipment with new diesel, alternate fueled, or all-electric vehicles, vessels, and equipment; and install charging infrastructure for light duty all-electric vehicles, then we will reduce emissions of nitrogen oxides (NOx) and help ensure clean air for Tennesseans. | 1. Total number of new school buses deployed  |            |
|   | 2. Total number of new transit buses deployed |            |
|   | 3. Total number of new medium trucks deployed |            |
|   | 4. Total number of new large trucks deployed  |            |

| Evidence              |   | Strong Evidence          |  |
|-----------------------|---|--------------------------|--|
| Clearinghouse         | Entry Name & Link   | Evidence Rating          |  |
| What Works for Health | <a href="#">Clean diesel technology fleet transition programs</a> | Scientifically supported |  |

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# Volkswagen Diesel Settlement Fast Charge TN Network Grant Program

 **Strong Evidence**

| Program/Intervention Name   |  | Description/Additional Information   |  |
|---|--|--|--|
| <a href="#">Volkswagen Diesel Settlement Fast Charge TN Network Grant Program</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> |  | The Volkswagen Diesel Settlement Fast Charge TN Network Grant Program is a partnership between the Tennessee Department of Environment and Conservation (TDEC) and the Tennessee Valley Authority (TVA) to develop a statewide electric vehicle (EV) fast charging network. The goal is to power the growth of EVs across Tennessee and reduce barriers to transportation electrification. The program will fund a network of fast charging stations every 50 miles along Tennessee’s interstates and major highways, adding approximately 40 new charging locations along prioritized corridor infrastructure gaps. |  |
| Delivery Setting  |  | Target Population  |  |
| Organization/Business/Local Government, Workplace   |  | Adults, Businesses/Entrepreneurs, Rural Focus  |  |

| Logic Model   | Outputs  | Outcome(s) |
|---|--|------------|
| If we purchase and install of electric vehicle (EV) fast chargers along priority highways and corridors throughout the state, then we will remove barriers to vehicle electrification, improve range confidence for EV drivers, and improve Tennessee’s public EV infrastructure to connect urban and rural regions of the state. | 1. Number of new charging sites deployed                   |            |
|   | 2. Number of new EV chargers to be purchased and installed |            |
|   | 3. Number of new EV plugs to be installed                  |            |

| Evidence              |  | Strong Evidence          |  |
|-----------------------|--|--------------------------|--|
| Clearinghouse         | Entry Name & Link                            | Evidence Rating          |  |
| What Works for Health | <a href="#">Electric vehicle initiatives</a> | Scientifically supported |  |

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## Middle-West Tennessee Clean Fuels Coalition (MWTCF)



### Outcomes

| Program/Intervention Name   | Description/Additional Information   |
|---|--|
| <a href="#">Middle-West Tennessee Clean Fuels Coalition (MWTCF)</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: | The Middle-West Tennessee Clean Fuels Coalition (MWTCF) provides technical assistance to organizations and local governments seeking to understand the landscape of alternative fuels, advanced vehicle technologies, and available funding opportunities. Additionally, MWTCF tracks, validates, analyzes, and reports on critical information and performance metrics necessary to gauge consumer acceptance and track the growth/adoption of technologies and practices in the marketplace. |
| Delivery Setting  | Target Population  |
| Organization/Business/Local Government, Outdoor Space, Workplace  | Adults, Businesses/Entrepreneurs, Rural Focus  |

| Logic Model  | Outputs  | Outcome(s)   |
|--|--|--|
| If we provide technical assistance to organizations and local governments seeking to understand the landscape of alternative fuels, advanced vehicle technologies, and available funding opportunities, then we will be able to foster a greater understanding of alternative fuel technologies and catalyze their deployment in Middle and West Tennessee, thereby reducing use of gasoline and diesel and reducing greenhouse gas emissions. | 1. Number of alternative fuel fleets   | 1. Number of gasoline gallon equivalents (GGEs) reduced as reported by coalition stakeholders in Middle and West Tennessee     |
|  | 2. Number of alternative fuel and electric vehicle charging stations   |  |
|  | 3. Number of stakeholders receiving technical assistance and critical information from the Middle-West Tennessee Clean Fuels Coalition | 2. Tons of greenhouse gas emissions (GHG) emissions reduced as reported by coalition stakeholders in Middle and West Tennessee |

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# Interpretive and Education Programming



## Outputs

| Program/Intervention Name  | Description/Additional Information   |
|--|--|
| <a href="#">Interpretive and Education Programming</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | Interpretive and Education Programming provides education, recreation, interpretive, and volunteer programming that helps Tennesseans become active stewards of our parks. A steward takes responsibility for the careful and responsible use of the natural and cultural resources entrusted to our state parks. Stewards can be staff, volunteers, Friends, active stakeholders, responsible recreators, user-group representatives, or elected officials. Interpretive and education programming sessions are tailored to reach different groups, such as a track-chair hiking program for persons with mobility challenges and a range of programs (Kit Club, Jr. Ranger Camps, Ranger Internships, Host Programs, etc.) to reach young children, children, adolescents, and adults. |
| Delivery Setting   | Target Population  |
| Organization/Business/Local Government, Outdoor Space, School, Other Community Setting   | Infancy/Early Childhood, Children, Adolescents/Young Adults, Aging Adults, Families, Gender-Specific, Persons with Disability  |

| Logic Model   | Outputs   | Outcome(s) |
|---|---|------------|
| If we provide education, recreation, interpretive, and volunteer programming that helps Tennesseans become active stewards of our state parks, then more Tennesseans will take responsibility for the careful and responsible use of the natural and cultural resources entrusted to our state parks and ensure a strong state park system for generations to come. | 1. Number of program participants   |            |
|   | 2. Programs in the community  |            |
|   | 3. Program sessions within the park   |            |
|   | 4. Number of children who participated in a program that met an academic standard |            |
|   | 5. Programs creating safe recreation opportunities                                |            |

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## Local Parks and Recreation Fund (LPRF)

 Evidence

| Program/Intervention Name  |  | Description/Additional Information  |  |
|--|--|---|--|
| <a href="#">Local Parks and Recreation Fund (LPRF)</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: |  | <p>The Local Parks and Recreation Fund (LPRF) program provides grants to eligible local government entities for the purchase of land for parks, natural areas, greenways, and recreation facilities. The funds may also be used for trail development and capital projects in parks, natural areas, and greenways. At least 60 percent of the funds allocated go to municipal governments, and all land associated with the funded projects must be owned by a government entity. LPRF grants require an equal local match.</p> |  |
| Delivery Setting   |  | Target Population   |  |
| Organization/Business/Local Government   |  | Adults  |  |

| Logic Model  | Outputs   | Outcome(s) |
|--|---|------------|
| <p>If we provide grants to communities to build new or add to existing parks, natural areas, greenways, and recreation facilities, then the community's residents and visitors will have access to new or renovated public parks, which can positively influence mental and physical health and stimulate the local economy.</p> | 1. Number of awarded projects                           |            |
|  | 2. Amount of award dollars based on application request |            |
|  | 3. Number of new public parks created                   |            |

| Evidence          |  | Strong Evidence |  |
|-------------------|--|-----------------|--|
| Clearinghouse     | Entry Name & Link  | Evidence Rating |  |
| *Multiple Sources | There are multiple sources of evidence for each type of program administered; those evidence sources are available upon request. |                 |  |

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## Recreational Trails Program (RTP)

 **Strong Evidence**

| Program/Intervention Name   | Description/Additional Information  |
|---|---|
| <a href="#">Recreational Trails Program (RTP)</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | <p>The Recreational Trail Program, RTP, is a federally funded, state administered grant program that provides grant funding for land acquisition for trails, non-routine trail maintenance, trail construction, trail rehabilitation and for trail head support facilities. Local, state, and federal land managing agencies are eligible to apply as well as state chartered, non-profit organizations with IRS 501(c)(3) status that have a written agreement for trail management with an agency. All grant projects MUST be on land owned by a government entity. RTP grants are distributed in the form of an 80% grant with a 20% organization match based on the total project amount.</p> |
| Delivery Setting  | Target Population   |
| Organization/Business/Local Government  | Adults  |

| Logic Model  | Outputs | Outcome(s) |
|--|---------|------------|
| <p>If we provide grants to communities to build new or add to existing trail, greenways, blueways, and/or their support facilities, then the community's residents and visitors will have access to new or renovated hiking, biking, riding, paddling, and/or walking facilities and parks, which can positively influence mental and physical health and stimulate the local economy.</p> |         |            |

| Evidence              |  | Strong Evidence          |
|-----------------------|--|--------------------------|
| Clearinghouse         | Entry Name & Link                            | Evidence Rating          |
| What Works for Health | <a href="#">Places for Physical Activity</a> | Scientifically supported |

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# Tennessee Recreation Initiative Program (TRIP)

 **Outputs**

| Program/Intervention Name  |  | Description/Additional Information   |
|--|--|--|
| <a href="#">Tennessee Recreation Initiative Program (TRIP)</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> |  | The Tennessee Recreation Initiative Program (TRIP) provides grant money to cities and counties who lack professional park and recreational directors and do not provide a comprehensive recreation delivery system in their community to assist with the establishment of the first Parks and Recreation Department. TRIP grants are a three-year commitment, with a \$50,000 grant matched equally by the communities across year one and two, and \$50,000 for year three being 100% funded by the awarded organization. |
| Delivery Setting   |  | Target Population  |
| Organization/Business/Local Government   |  | Adults   |

| Logic Model  | Outputs   | Outcome(s) |
|--|---|------------|
| If we provide grants to communities to establish a parks and recreation department, then the community's residents and visitors will have access to new or reimagined recreational programs and facilities, which can positively influence mental and physical health and stimulate the local economy. | 1. Number of awards   |            |
|  | 2. Number of new Parks and Recreation Departments established |            |

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## Land and Water Conservation Funds (LWCF)

 Evidence

| Program/Intervention Name  |  | Description/Additional Information   |  |
|--|--|--|--|
| <a href="#">Land and Water Conservation Funds (LWCF)</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: |  | The Land and Water Conservation Fund (LWCF) is a federal program that provides matching grants to states to administer to state and local governments for the acquisition and development of public outdoor recreation areas and facilities. All land associated with the funded projects must be owned by a government entity and an LWCF grant requires an equal organization match. |  |
| Delivery Setting   |  | Target Population  |  |
| Organization/Business/Local Government   |  | Adults   |  |

| Logic Model  | Outputs   | Outcome(s) |
|--|---|------------|
| If we provide grants to communities to build new or add to existing outdoor public recreation areas or their support facilities, then the community's residents and visitors will have access to new or renovated public parks, which can positively influence mental and physical health and stimulate the local economy. | 1. Number of applications approved by the National Park Service (NPS) |            |
|  | 2. Amount of award dollars based on applications                      |            |
|  | 3. New acres protected for public recreation                          |            |

| Evidence          |  | Strong Evidence |  |
|-------------------|--|-----------------|--|
| Clearinghouse     | Entry Name & Link  | Evidence Rating |  |
| *Multiple Sources | There are multiple sources of evidence for each type of program administered; those evidence sources are available upon request. |                 |  |

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# Small Business Environmental Assistance Program



## Outcomes

| Program/Intervention Name   | Description/Additional Information  |
|---|---|
| <a href="#">Small Business Environmental Assistance Program</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: | The Small Business Environmental Assistance Program supports small businesses in understanding and complying with environmental regulations related to the federal Clean Air Act and other environmental regulations in Tennessee. The program provides free confidential assistance including permitting assistance, onsite visits, training, a toll-free hotline, regulatory notifications, outreach, and support in preventing and eliminating non-compliance. |
| Delivery Setting  | Target Population   |
| Organization/Business/Local Government, Mobile, Outdoor Space, Workplace, Other Community Setting   | Businesses/Entrepreneurs, Rural Focus   |

| Logic Model  | Outputs   | Outcome(s)  |
|--|---|---|
| If we support small businesses in understanding and complying with environmental regulations related to the federal Clean Air Act and other environmental regulations in Tennessee, including by providing free confidential assistance, permitting assistance, onsite visits, training, a toll-free hotline, regulatory notifications, outreach, and support in preventing and eliminating non-compliance, then we will help Tennessee businesses thrive while also protecting the environment. | 1. Number of assistance activities (businesses and others)                              | 1. Potential avoided costs from fines for operating without a permit (approximate based on \$2500 avg.) |
|  | 2. Number of types of industry groups assisted  |   |
|  | 3. Number of events and outreach activities   |   |
|  | 4. Estimated number of people who attend events and outreach activities                 |   |
|  | 5. Direct permit assistances to help business be in compliance with permit requirements |   |

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# Get Food Smart TN

 **Outputs**

| Program/Intervention Name   |  | Description/Additional Information   |  |
|---|--|--|--|
| <a href="#">Get Food Smart TN</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> |  | The Get Food Smart TN program is the state of Tennessee’s primary food waste reduction, recovery, and diversion program. The program provides education and outreach to Tennesseans to help them reduce food waste in their homes. It also assists restaurants, schools, government entities, organizations, grocery stores, agriculture, and other businesses in starting and enhancing food waste initiatives. |  |
| Delivery Setting  |  | Target Population  |  |
| Organization/Business/Local Government, Other Community Setting   |  | Adults, Families, Businesses/Entrepreneurs   |  |

| Logic Model  | Outputs  | Outcome(s) |
|--|--|------------|
| If we are able to raise awareness about the issue of food waste and educate citizens, restaurants, schools, government entities, organizations, grocery stores, agriculture, and other businesses about how to reduce their food waste, then we will reduce the amount of food being wasted and sent to landfills, and, in doing so, reduce CO2 emissions and the waste burden on our environment, and improve the health of our citizens. | 1. Number of outreach events                     |            |
|  | 2. Number of newsletters                         |            |
|  | 3. Number of food waste related articles written |            |
|  | 4. Newsletter open rates                         |            |

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# Pollution Prevention (P2) Program



## Outcomes

| Program/Intervention Name   | Description/Additional Information   |
|---|--|
| <a href="#">Pollution Prevention (P2) Program</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: | <p>The Pollution Prevention (P2) Program provides webinars, workshops, and technical assistance support to Tennessee manufacturers to achieve measurable results in pollution prevention, greenhouse gas emissions reductions, and associated cost savings. It also provides on-site technical assistance to spirits producers through the Tennessee Sustainable Spirits program. Additionally, P2 supports the Tennessee Green Star Partnership (TGSP) and the Tennessee Sustainable Spirits (TNSS) Program that recognize manufacturers that are leaders in sustainability and continuous improvement.</p> |
| Delivery Setting  | Target Population  |
| Organization/Business/Local Government, Workplace, Other<br>Community Setting   | Businesses/Entrepreneurs, Rural Focus  |

| Logic Model  | Outputs  | Outcome(s)   |
|--|--|--|
| If we provide Tennessee citizens and businesses with free technical assistance to implement pollution prevention and best practices in reducing the environmental impacts of manufacturing operations, then we will prevent pollution and associated greenhouse gas emissions while reducing costs for businesses. | 1. Number of manufacturers that are members of Tennessee Green Star Partnership    | 1. Amount of greenhouse gas emissions reduced                    |
|  | 2. Number of sustainable spirits that are members of Tennessee Sustainable Spirits | 2. Public participation and engagement in workshops and webinars |
|  | 3. Number of webinars provided to the public                                       | 3. Dollars saved by manufacturers                                |
|  | 4. Number of workshops provided to the public                                      |  |

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# Unwanted Household Pharmaceuticals Takeback Program



## Outcomes

| Program/Intervention Name   | Description/Additional Information  |
|---|---|
| <a href="#">Unwanted Household Pharmaceuticals Takeback Program</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: | The Unwanted Household Pharmaceuticals Takeback Program places permanent prescription drug takeback boxes in secure locations where unused prescription drugs can be safely disposed. These boxes prevent prescription and over-the-counter medications from getting into the hands of children or into the waterways, and ensure the safe, environmentally-friendly disposal of pharmaceuticals. The program is a partnership with several federal and state agencies. |
| Delivery Setting  | Target Population   |
| Organization/Business/Local Government, Correctional Facility, Court, Hospital/Treatment Center, Other Community Setting  | Adults, Aging Adults, Families, Rural Focus   |

| Logic Model   | Outputs  | Outcome(s)  |
|---|--|---|
| If we place permanent prescription drug takeback boxes in secure locations where unused prescription drugs can be safely disposed, then we will prevent prescription and over-the-counter medications from getting into the hands of children or into the waterways, and ensure the safe, environmentally-friendly disposal of pharmaceuticals. | 1. Number of permanent collection sites            | 1. Number of pounds of unwanted household pharmaceuticals collected |
|   | 2. Number of counties served                       |   |
|   | 3. Number of collaborations with county coalitions |   |

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# Tennessee Radon Program



## Outcomes

| Program/Intervention Name   | Description/Additional Information   |
|---|--|
| <a href="#">Tennessee Radon Program</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | The Tennessee Radon Program provides education and outreach to citizens to raise awareness of the dangers of radon and how to mitigate those dangers. It also offers services and assistance such as free test kits for homeowners as well as specific training and resource materials for targeted audiences such as real estate professionals, home builders, building codes officials, home inspectors, and school officials. |
| Delivery Setting  | Target Population  |
| Organization/Business/Local Government, Other Community Setting   | Adults, Families, Businesses/Entrepreneurs   |

| Logic Model   | Outputs                                  | Outcome(s)   |
|---|--|--|
| If we educate and raise citizens' awareness of the dangers of radon through free test kits for homeowners and training and resource materials for targeted audiences, then we will reduce those risks through the increased testing of homes and professional training opportunities and, in doing so, improve the health and wellbeing of Tennesseans. | 1. Number of test kits sent to residents | 1. Percentage of test kits analyzed                      |
|   | 2. Number of outreach events             | 2. Percentage of analyzed kits exceeding elevated levels |
|   | 3. Number of trainings offered           |  |

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# Tire Environmental Act Program



## Outcomes

| Program/Intervention Name  | Description/Additional Information   |
|--|--|
| <a href="#">Tire Environmental Act Program</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | The Tire Environmental Act Program uses funds degenerated by a flat fee assessed on the purchase of new vehicles—creating the Tire Environmental Fund—to provide grants to organizations in Tennessee for projects that best use waste tires. Projects may include tire recycling, tire-derived end products, or research and development. |
| Delivery Setting   | Target Population  |
| Organization/Business/Local Government, Outdoor Space, Other<br>Community Setting  | Adults, Rural Focus  |

| Logic Model   | Outputs                                 | Outcome(s)                                |
|---|---|---|
| If we are able to fund projects that make the best use of waste tires, including processing scrap tires and finding beneficial end uses for those tires, then we will reduce the amount of tire waste going to landfills as well as clean up illegal tire dump sites, and in doing so, reduce the waste burden on our environment and improve the health of our citizens. | 1. Number of counties receiving funding | 1. Number of tires diverted from landfill |
|   | 2. Amount of grant funding awarded      |   |
|   | 3. Number of grants awarded             |   |

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# Solid Waste/Materials Management Technical Assistance



## Outcomes

| Program/Intervention Name   | Description/Additional Information   |
|---|--|
| <a href="#">Solid Waste/Materials Management Technical Assistance</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: | The Solid Waste/Materials Management Technical Assistance program helps communities dispose of specialized items such as used oil, household hazardous waste and scrap tires, and helps counties and multi-county regions to achieve Tennessee’s goal of having 25 percent of their waste be diverted from landfills including through recycling and composting. The program works closely with the state’s nine development districts, which are regional planning organizations. |
| Delivery Setting  | Target Population  |
| Organization/Business/Local Government  | Adults, Businesses/Entrepreneurs   |

| Logic Model  | Outputs  | Outcome(s)   |
|--|--|--|
| If we help communities dispose of specialized items such as used oil, household hazardous waste and scrap tires and help counties and multi-county regions to divert waste from landfills, including through recycling and composting, then as many counties and regions as possible will achieve the state goal of having 25 percent of their waste be diverted and, more broadly, we will ensure that we have safe and environmentally sound means of disposal well into the future. | 1. Number of Household Hazardous Waste (HHW) events                        | 1. Number of counties or regions that met the diversion goal |
|  | 2. Number of types of materials reported on in annual progress reports     |  |
|  | 3. Number of counties still relying on unmanned “Green Boxes” for disposal |  |

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# Recycling and Reducing Waste Grants



## Outcomes

| Program/Intervention Name   |  | Description/Additional Information  |  |
|---|--|---|--|
| <a href="#">Recycling and Reducing Waste Grants</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: |  | The Recycling and Reducing Waste Grants Program provides financial assistance through non-profit organizations to counties, municipalities, and nonprofits within Tennessee to support solid waste planning, recycling, and other ways to help achieve the state's goal of having 25 percent of waste be diverted from landfills. |  |
| Delivery Setting  |  | Target Population   |  |
| Organization/Business/Local Government, Other Community Setting   |  | Adults, Rural Focus   |  |

| Logic Model   | Outputs   | Outcome(s)                  |
|---|---|-----------------------------|
| If we provide financial assistance to counties, municipalities, and nonprofits within Tennessee to support solid waste planning and recycling, then we will help the state achieve its goal of having 25 percent of waste be diverted from landfills and ensure that we have safe and environmentally sound means of disposal well into the future. | 1. Number of recycling equipment grants   | 1. Number of rebates issued |
|   | 2. Number of used oil grants  |                             |
|   | 3. Number of convenience center grants  |                             |
|   | 4. Number of HHW grants   |                             |
|   | 5. Number of special project grants (waste characterization and solid waste planning) |                             |

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# Clean Water State Revolving Fund

 **Outputs**

| Program/Intervention Name  | Description/Additional Information  |
|--|---|
| <a href="#">Clean Water State Revolving Fund</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | The Clean Water State Revolving Fund (CWSRF) loan program provides grants and subsidized loans to wastewater and stormwater utilities, cities, and counties for a wide range of water quality infrastructure projects, including municipal wastewater facilities, nonpoint source pollution control, decentralized wastewater treatment systems, stormwater runoff mitigation, green infrastructure, and water reuse. The CWSRF focuses its support on rural and disadvantaged communities, providing financial assistance, technical assistance, and innovative tools to help those communities comply with the Clean Water Act. |
| Delivery Setting   | Target Population   |
| Organization/Business/Local Government, Other Community Setting  | Adults, Rural Focus   |

| Logic Model  | Outputs   | Outcome(s) |
|--|---|------------|
| If we provide funding assistance to utilities, cities, and counties within Tennessee to support wastewater and stormwater systems, then we will ensure human health and safety, manage and improve water quality, and protect our natural resources. | <ol style="list-style-type: none"> <li>1. Number and amount of CWSRF Binding Commitments</li> <li>2. Total CWSRF assistance to small systems with a population of 10,000 or fewer</li> <li>3. Amount of CWSRF subsidy disbursed to disadvantaged systems</li> </ol> |            |

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# Drinking Water State Revolving Fund



## Outputs

| Program/Intervention Name   | Description/Additional Information  |
|---|---|
| <a href="#">Drinking Water State Revolving Fund</a><br><input checked="" type="checkbox"/> Program<br><input type="checkbox"/> Intervention within Program: | The Drinking Water State Revolving Fund (DWSRF) loan program provides grants and subsidized loans to drinking water utilities, cities, and counties for a wide range of water quality infrastructure projects, including improving and updating drinking water facilities, assistance with maintaining and improving compliance with the Safe Drinking Water Act, regionalization, and water reuse. The DWSRF focuses its support on rural and disadvantaged communities, providing financial assistance, technical assistance, and innovative tools to help those communities comply with the Safe Drinking Water Act. |
| Delivery Setting  | Target Population   |
| Organization/Business/Local Government  | Adults, Rural Focus   |

| Logic Model  | Outputs   | Outcome(s) |
|--|---|------------|
| If we provide funding assistance to utilities, cities, and counties within Tennessee to drinking water systems, then we will continue to support the state's goal of ensuring human health and safety and working to ensure citizen access to safe drinking water. | 1. Number and amount of DWSRF binding commitments                               |            |
|  | 2. Total DWSRF assistance to small systems with a population of 10,000 or fewer |            |
|  | 3. Amount of DWSRF subsidy disbursed to disadvantaged systems                   |            |

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# Tennessee Plant Optimization Program (TN POP)

 **Outcomes**

| Program/Intervention Name   | Description/Additional Information  |
|---|---|
| <a href="#">Tennessee Plant Optimization Program (TN POP)</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | The Tennessee Plant Optimization Program (TN POP) provides free resources to support water and wastewater operators in achieving optimization in energy use and nutrient removal for their facilities through low and no-cost measures. Eligible facilities can receive technical assistance, loaned equipment, cost savings opportunities, and supportive regulatory oversight to optimize nutrient treatment in wastewater treatment facilities to improve water quality. |
| Delivery Setting  | Target Population   |
| Organization/Business/Local Government  | Adults  |

| Logic Model   | Outputs  | Outcome(s)   |
|---|--|--|
| If we provide eligible wastewater treatment facilities with technical assistance, equipment, cost savings opportunities, and oversight, then we will help facilities to optimize nutrient removal and energy use through low- and no-cost measures and promote the health of Tennessee's waterways. | 1. Number of facilities optimized for nitrogen   | 1. Percent of optimized facilities achieving the target nitrogen output level (less than 10mg per liter)   |
|   | 2. Number of facilities optimized for phosphorus |  |
|   | 3. Number of operators trained                   | 2. Percent of optimized facilities achieving the target phosphorous output level (less than 2mg per liter) |
|   | 4. Number of facilities visited to date          |  |

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## Education and Technical Assistance on Water/Wastewater Issues

 **Outputs**

| Program/Intervention Name   | Description/Additional Information  |
|---|---|
| <a href="#">Education and Technical Assistance on Water/Wastewater Issues</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | The Fleming Training Center provides water and wastewater treatment operators with education and technical assistance on water/wastewater issues. The Center provides training opportunities for operators to gain the experience and knowledge to become certified after passing the State certification exam. Additionally, the training center offers seminars and other training courses for operators to maintain their Continuing Education Units (CEU's) to retain their certification. Fleming Training Center also offers Cross Connection Control classes to operators to become certified to test backflow preventers to ensure drinking water supplies remain safe. |
| Delivery Setting  | Target Population   |
| Organization/Business/Local Government, Workplace, Other<br>Community Setting   | Adults  |

| Logic Model   | Outputs   | Outcome(s) |
|---|---|------------|
| If we provide training and technical assistance to water and wastewater treatment operators, including opportunities to prepare for the state certification exam and receive continuing education, then we will help to protect Tennessee's drinking water and promote public and environmental health. | 1. Number of operators trained                            |            |
|   | 2. Number of certified operators statewide                |            |
|   | 3. Number of Cross Connection Control operators certified |            |

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## Stream & Wetlands Restoration Grant

 **Outputs**

| Program/Intervention Name   | Description/Additional Information  |
|---|---|
| <a href="#">Stream &amp; Wetlands Restoration Grant</a><br><input checked="" type="checkbox"/> <b>Program</b><br><input type="checkbox"/> <b>Intervention within Program:</b> | The Stream and Wetland Restoration Grant Program selects and funds projects that best offset natural resource damages to surface waters of the state with a nexus to those injured and assessed through enforcement. The program provides financial assistance to nonprofit corporations, state agencies, federal agencies, and municipal entities in Tennessee to implement stream and wetland restoration projects. Those projects fit into one of the following eligible project categories: stream and wetland restoration and enhancement, protection of waters and wetlands, and water quality improvement. |
| Delivery Setting  | Target Population   |
| Organization/Business/Local Government, Workplace, Other<br>Community Setting   | Adults  |

| Logic Model   | Outputs   | Outcome(s) |
|---|---|------------|
| If we support stream and wetland restoration and enhancement, protection of waters and wetlands, and water quality improvement, including helping municipal governments to implement stream and wetland restoration projects, then we will reduce harmful surface water pollutants and improve ecological and economic natural resource services for the citizens of Tennessee. | 1. Number of pre-proposal applications received |            |
|   | 2. Number of grants funded                      |            |
|   | 3. Amount of funds disbursed                    |            |

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