

Strategies and Financing Opportunities for Airport Environmental Programs

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AIRPORT COOPERATIVE RESEARCH PROGRAM

ACRP SYNTHESIS 24

Strategies and Financing Opportunities for Airport Environmental Programs

A Synthesis of Airport Practice

CONSULTANT

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Airports are vital national resources. They serve a key role in transportation of people and goods and in regional, national, and international commerce. They are where the nation's aviation system connects with other modes of transportation and where federal responsibility for managing and regulating air traffic operations intersects with the role of state and local governments that own and operate most airports. Research is necessary to solve common operating problems, to adapt appropriate new technologies from other industries, and to introduce innovations into the airport industry. The Airport Cooperative Research Program (ACRP) serves as one of the principal means by which the airport industry can develop innovative near-term solutions to meet demands placed on it.

The need for ACRP was identified in *TRB Special Report 272: Airport Research Needs: Cooperative Solutions* in 2003, based on a study sponsored by the Federal Aviation Administration (FAA). The ACRP carries out applied research on problems that are shared by airport operating agencies and are not being adequately addressed by existing federal research programs. It is modeled after the successful National Cooperative Highway Research Program and Transit Cooperative Research Program. The ACRP undertakes research and other technical activities in a variety of airport subject areas, including design, construction, maintenance, operations, safety, security, policy, planning, human resources, and administration. The ACRP provides a forum where airport operators can cooperatively address common operational problems.

The ACRP was authorized in December 2003 as part of the Vision 100-Century of Aviation Reauthorization Act. The primary participants in the ACRP are (1) an independent governing board, the ACRP Oversight Committee (AOC), appointed by the Secretary of the U.S. Department of Transportation with representation from airport operating agencies, other stakeholders, and relevant industry organizations such as the Airports Council International-North America (ACI-NA), the American Association of Airport Executives (AAAE), the National Association of State Aviation Officials (NASAO), and the Air Transport Association (ATA) as vital links to the airport community; (2) the TRB as program manager and secretariat for the governing board; and (3) the FAA as program sponsor. In October 2005, the FAA executed a contract with the National Academies formally initiating the program.

The ACRP benefits from the cooperation and participation of airport professionals, air carriers, shippers, state and local government officials, equipment and service suppliers, other airport users, and research organizations. Each of these participants has different interests and responsibilities, and each is an integral part of this cooperative research effort.

Research problem statements for the ACRP are solicited periodically but may be submitted to the TRB by anyone at any time. It is the responsibility of the AOC to formulate the research program by identifying the highest priority projects and defining funding levels and expected products.

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Primary emphasis is placed on disseminating ACRP results to the intended end-users of the research: airport operating agencies, service providers, and suppliers. The ACRP produces a series of research reports for use by airport operators, local agencies, the FAA, and other interested parties, and industry associations may arrange for workshops, training aids, field visits, and other activities to ensure that results are implemented by airport-industry practitioners.

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FOREWORD

Airport administrators, engineers, and researchers often face problems for which information already exists, either in documented form or as undocumented experience and practice. This information may be fragmented, scattered, and unevaluated. As a consequence, full knowledge of what has been learned about a problem may not be brought to bear on its solution. Costly research findings may go unused, valuable experience may be overlooked, and due consideration may not be given to recommended practices for solving or alleviating the problem.

There is information on nearly every subject of concern to the airport industry. Much of it derives from research or from the work of practitioners faced with problems in their day-to-day work. To provide a systematic means for assembling and evaluating such useful information and to make it available to the entire airport community, the Airport Cooperative Research Program authorized the Transportation Research Board to undertake a continuing project. This project, ACRP Project 11-03, "Synthesis of Information Related to Airport Practices," searches out and synthesizes useful knowledge from all available sources and prepares concise, documented reports on specific topics. Reports from this endeavor constitute an ACRP report series, *Synthesis of Airport Practice*.

This synthesis series reports on current knowledge and practice, in a compact format, without the detailed directions usually found in handbooks or design manuals. Each report in the series provides a compendium of the best knowledge available on those measures found to be the most successful in resolving specific problems.

PREFACE

*By Gail R. Staba
Senior Program Officer
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This synthesis study provides a comprehensive summary of funding opportunities and strategies available to airports to accomplish their environmental programs and objectives. The federal grants.gov website and individual state and territorial government websites were reviewed, as well as specific examples of the successful pursuit of airport environmental funding. Additional effort was made in this report to identify funding opportunities from private sources, including both for-profit and nonprofit entities.

The primary method of research was an intensive review of federal and state government websites. For federal funding opportunities other than FAA programs, www.grants.gov was the primary source of information. Review of this website was supplemented by research on individual agency websites. On occasion where limited information was available information was obtained from the individuals listed as program contacts. In addition, interviews were conducted with airport staff to obtain information on their experiences with non-FAA financing opportunities, as well as the Voluntary Airport Low Admission (VALE) program.

Barry Molar, Unison Consulting, Inc., Chicago, Illinois, collected and synthesized the information and wrote the report. The members of the topic panel are acknowledged on the preceding page. This synthesis is an immediately useful document that records the practices that were acceptable within the limitations of the knowledge available at the time of its preparation. As progress in research and practice continues, new knowledge will be added to that now at hand.

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STRATEGIES AND FINANCING OPPORTUNITIES FOR AIRPORT ENVIRONMENTAL PROGRAMS

SUMMARY The time when an airport's environmental responsibilities consisted of preparing environmental review documents for airport construction projects and mitigating the impacts has long since passed. Today's additional environmental responsibilities bring with them increased financial burdens.

Increasingly, the environmental responsibilities of airports are extending beyond simple mitigation of negative environmental impacts. At federal, state, and local levels airports are facing greater expectations to be environmentally proactive by implementing sustainable practices in the operation, maintenance, and development of their facilities and even to anticipate and prepare for detrimental environmental events. In many cases, anticipation and preparation may be more cost-effective than responding to an adverse environmental event after it has occurred.

Today, an airport's environmental responsibilities can include (but are not limited to) the following:

- Reducing the impacts of storm water runoff on water quality and quantity.
- Reducing pollutants in storm water runoff.
- Reducing the emission of pollutants regulated under the Clean Air Act.
- Reducing green house gas emissions and energy consumption.
- Cleanup and redevelopment of abandoned brownfield sites on airport property.
- Prevention and cleanup of releases from petroleum storage tanks.
- Preservation of significant historic structures on airport property.
- Training airport staff and tenants in proper environmental practices.

The Airport Improvement Program (AIP) administered by the FAA is a well-established and well-known funding source for airports. However, except for the Voluntary Airport Low Emission program, AIP funding for environmental initiatives focuses on the environmental review process under the National Environmental Policy Act (NEPA), including mitigation measures. AIP funds are also used to help finance airport noise compatibility initiatives such as residential soundproofing and acquisition of noise-sensitive properties. Projects to comply with certain federal environmental laws aside from NEPA are also eligible.

Many states have environmental requirements separate from federal requirements. To the extent these requirements differ from federal requirements, AIP funding cannot be used for compliance.

Although airports are familiar with FAA funding programs and complementary state airport funding programs other, less-known financing opportunities are available at the federal and state levels. Funding support from nonprofits and even for-profit entities may be available as well.

The purpose of this ACRP synthesis is to provide a comprehensive summary of those funding opportunities, programs, and strategies available to airports to assist them in meeting their

environmental responsibilities or undertaking environmental initiatives. For this report, the federal grants.gov website and individual state and territorial government websites were reviewed in addition to specific examples of successful pursuit of airport environmental funding. An effort was made to identify funding opportunities from private sources, including both for-profit and nonprofit entities.

With respect to federal funding opportunities, the review produced the following results:

- The Bureau of Land Management has a variety of programs available, focusing on resource management in lands under its control.
- Other agencies, such as the Fish and Wildlife Service, focus on the conservation and restoration of resources.
- Some agencies, but not all, accept applications through grants.gov.
- Many of the general federal requirements applicable to the AIP also apply to other agencies' financial assistance programs.
- Although eligible for financial assistance in a variety of resource areas airports have historically focused on noise or emissions, aside from mitigation measures required by decisions under NEPA.

With respect to state programs, the review produced the following results:

- All states offer financial assistance to help address one or more of the following resource issues:
 - Air quality
 - Greenhouse gasses and energy efficiency
 - Brownfield cleanup and redevelopment
 - Petroleum storage tank releases
 - Water quality and storm water runoff
 - Historic and cultural resources.
- Some states have their own airport grant programs that may be available for airport environmental initiatives.
- Many state programs are financed with federal funds; therefore, federal as well as state requirements apply.

A comprehensive review of regional and local financial resources was not conducted. However, experts and practitioners have suggested that individual regional or metropolitan planning organizations may be another source of funding for environmental initiatives. Airport operators seeking financial support for such initiatives may want to explore the availability of funds administered by their local planning organizations.

With respect to nongovernmental sources, the review produced the following results:

- Electric power utilities offer financial assistance programs in support of energy efficiency and the use of renewable energy.
- Opportunities exist to partner with private for-profit companies on projects to expand the use of alternative fuel vehicles.

The review process also resulted in identification of areas where further research might benefit the airport community.

INTRODUCTION

This report presents the results of ACRP Project S02-5. This introductory chapter describes the purpose of the report, presents the methodology used to develop the report, and outlines the organization of the report.

PURPOSE OF THE REPORT

Identifying opportunities to advance airport environmental programs is critical. Many opportunities exist to finance airport environmental programs, including well-known sources of FAA funding and new sources of funding that many airport operators may be unaware of or do not know how to access. However, the current economic downturn has resulted in fewer staff and limited resources available to respond to environmental demands. New opportunities exist for airports to sustain and enhance environmental programs that address air and water quality, noise, historic and cultural resources, species and habitats, parklands, waste management, brownfields, sustainability, and climate change.

The objective of this synthesis is to provide airport operators and their potential partners with a comprehensive listing of financing opportunities for airport environmental programs and to outline strategies for identifying and pursuing additional opportunities as they arise over time. This report is intended to provide a high-level overview of the full breadth of potential funding programs. It is intended to provide information on possibilities and to broadly outline requirements and benefits for the programs. The data included in the matrices represent a “snapshot in time” of information available at the time the review was conducted.

Grant opportunities are constantly opening and closing, and the precise schedule for any particular program may vary from year to year. This report is not intended to be the sole source of information for airport operators in deciding whether to pursue funding opportunities. Full, detailed, and current information on funding opportunities can be obtained from program websites and contacts; program contacts are included for the various programs when they could be identified.

RESEARCH METHODOLOGY

The primary method of research was an intensive review of federal and state government websites. For federal funding opportunities other than FAA programs, the grants.gov website (www.grants.gov) was the primary source of informa-

tion. Review of this website was supplemented by research on individual agency websites.

For state funding opportunities, individual state government websites were reviewed. On occasion where limited information was available, information was obtained from the individuals listed as program contacts.

A limited web search was also conducted for foundation and other nongovernmental funding opportunities. Many of those identified were on state websites. Some states provide listings of nonstate funding sources that include nongovernmental organizations (NGOs).

In addition, interviews were conducted with airport staff to obtain information on their experiences with non-FAA financing opportunities as well as the Voluntary Airport Low Admission (VALE) program. Participation in the VALE program is increasing. However, it appears that for many airport operators the program is not as well understood as the standard Airport Improvement Program (AIP) grant program. The results of the interviews are incorporated into the remaining chapters of the report, in particular the case examples.

REPORT STRUCTURE

The rest of this document presents the following:

- Chapter Two: Strategies for Identifying and Pursuing Funding Opportunities for Environmental Initiatives—a discussion of the steps airport management and staff can take to identify funding opportunities on a timely basis and to enhance the airport’s competitive position.
- Chapter Three: Federal Funding Opportunities—a review of federal funding opportunities. Accompanying the text is a matrix summarizing all of the potential funding sources available from the federal government, including FAA programs.
- Chapter Four: State Funding Opportunities—a review of state funding opportunities. Accompanying the text is a matrix summarizing funding opportunities available in each state.
- Chapter Five: Nongovernmental Funding Opportunities—a discussion of the nongovernmental funding opportunities that were identified. Accompanying the text is a matrix summarizing funding opportunities available from NGOs.

Chapter Six: Case Examples—eleven case examples of airports that accessed financing through federal or state programs, including VALE, and through other sources are presented.

Chapter Seven: Conclusions—a summary of the information collected for this report and a discussion of areas where additional research could be helpful.

References, including reports, websites, and information sources used in preparing the synthesis report, and a glossary of terms, abbreviations, and acronyms are also included. Websites listed in the tables are not repeated in the references.

Appendix A contains a listing of statutory, regulatory, and administrative requirements typically applied to federally funded grants.

STRATEGIES FOR IDENTIFYING AND PURSUING FUNDING OPPORTUNITIES FOR ENVIRONMENTAL INITIATIVES

There are a variety of funding sources available to airports at the state and federal levels. The specific opportunities are discussed in the following two chapters of this report. The focus of this chapter is on strategies or actions that airport operators can take to identify and successfully pursue these funding opportunities. The discussion turns first to matters of general applicability. Matters related to specific environmental issues follow. Finally, other potential sources of information on financing opportunities are discussed.

GENERAL STRATEGIES

Start Thinking Like a Government, Stop Thinking Like an Airport

Most public-use airports are operated by public (governmental) entities. Airports can be divisions or departments of cities or counties. Other airports are operated by independent authorities; however, these authorities are political subdivisions of state or local governments. In a few states, for example Alaska, Hawaii, and Rhode Island, some airports are operated by units of state government. Aside from FAA programs, many environmental funding programs are open to qualifying state or local government entities. As governmental entities, airports may be eligible to participate in these programs. Depending on the resource area, there may be additional requirements for or limitations on eligibility. However, airports have the potential to qualify as governmental entities, which may open new funding opportunities.

Some funding programs may be limited to metropolitan planning organizations (MPOs) or regional planning agencies. Airports may be able to gain access to these programs by working through their local MPO or regional planning agencies.

Some airport operators are multi-state agencies that do not meet the traditional definition of a local government. Nevertheless, these operators may be able to qualify for funding programs available to local government entities. However, the level of effort and creativity required to demonstrate eligibility may be greater than the effort required from a traditional local government entity. Such entities might also qualify for state-only programs, although a higher level of effort may be required.

Rely on Outside Experts

As regular recipients of AIP funding, many airports may have the experience to successfully pursue ordinary AIP development and planning grants in-house. For other financial assistance programs different areas of technical knowledge and knowledge of grant administration may be required. During an interview for one case example, staff of CALSTART, a transportation policy and advocacy organization, emphasized the importance of obtaining outside expertise in areas beyond the airport's core competencies to a successful effort to obtain environmental grants. Entities with the necessary expertise sometimes can be located through state websites addressing particular resource issues. In addition airport industry associations, including the Airports Council International–North America (ACI–NA), the American Association of Airport Executives (AAAE), and the Airport Consultants Council (ACC) maintain lists of consultants with expertise in various disciplines. Other sources of expertise may include universities and environmentally oriented nonprofit organizations, such as the Sierra Club.

In some cases, it may be necessary to contract for outside expertise. The costs of obtaining such outside expertise may be reimbursable from the grant as an allowable project cost.

Partnering and Teaming May Provide Access to Funding Opportunities

As reflected in the case example involving CALSTART, some grant programs establish a minimum grant amount that exceeds the financial capacity or the need of a single airport. Some grant programs may allow a coalition of individual airports to apply as a group.

Some environmental financial assistance programs, such as historic preservation programs, rely on tax credits rather than on direct grants. Tax credits do not benefit public entities. However, tax credits could provide an incentive to airport tenants or equipment vendors. By partnering with private-sector participants that can use the tax credits, airports may be able to take advantage of environmental financing programs oriented toward the private sector. Some funding opportunities are open to both private and governmental entities. For some situations, it might be more advantageous for an airport to partner with private-sector participants than to pursue a grant directly.

Finally, for some programs, granting agencies may give priority consideration to applications from a coalition of entities. During an interview for another case example, staff of the Seattle–Tacoma International Airport expressed the opinion that the airport’s participation in a Clean Cities Coalition grant with three other entities enhanced the attractiveness of the grant request as compared with a stand-alone application.

Planning and Preparation are Essential

This report provides information on a wide range of funding opportunities for environmental initiatives. By using this information, airport management can select the initiatives they wish to pursue, taking into account cost and potential funding assistance. Once initiatives are selected, it would be prudent to begin planning, developing a budget, and developing an estimate of project benefits. Many programs use cost-effectiveness as one selection criteria and require quantitative reporting of benefits. As noted in the Table 2 in chapter four, however, for many state programs the final design may be deferred until after the granting agency makes preliminary selections. Another reason that planning is critical is the schedule of the grant process. The matrices provide schedule information based on the most recent year for which it was available; however, schedules may vary from year to year. The time between the announcement of grant opportunities and the filing of preliminary or final applications may be relatively short.

Planning and preparation may include developing a budget, obtaining necessary budget approvals, and hiring outside expertise. The planning and preparation process presents a number of organizational issues to be addressed if the process is to be successful. The following list summarizes these organizational issues:

1. Understand Internal Process:
 - Budgeting for grant preparation
 - Mobilizing organization
 - Building your team
 - Legal and administrative requirements for executing grants.
2. Understand Grant Process:
 - Timelines
 - Contacts
 - Format of documents.
3. Understanding Commitments:
 - Of the grant
 - Matching funds
 - Operations and maintenance (O&M)
 - Reporting.
4. Follow Through:
 - Taking ownership of the project and grant process
 - Developing a champion for the project within the organization.

Weigh the Costs and Benefits of the Financial Assistance

As reflected in the matrices and case examples, there may be substantial burdens associated with seeking and obtaining environmental grants. There are costs associated with developing an application and these costs can be substantial. Most financial assistance programs require a contribution of a share of project costs from the applicant. There are also ongoing reporting and record-keeping requirements after a project has been completed. For some projects; for example, water quality projects, there may be ongoing O&M expenses.

Airport staff interviewed for one of the case examples suggested that on a purely financial basis a grant of less than \$2 million would not have been cost-effective. However, the amount the airport received for the project described in this example substantially exceeded this figure.

In weighing costs and benefits it is important to consider the nonfinancial benefits. The environmental benefits of a project may not be fully quantifiable as a monetary amount. In addition, the airport may receive intangible benefits in the form of positive publicity or identification as a community-oriented good neighbor. These intangible benefits may be valuable to an airport when it is seeking community support for major capital development programs.

Program Contacts Can Be Helpful

As reflected in the matrices, most federal and state program listings on websites include contact information. Although the sample was small, the results were consistent. Responses were prompt and the information requested was provided. E-mail appeared to be the most effective means of communication. If this result is indicative, airport staff, as potential applicants, will usually be able to find a high level of cooperation. Program contacts can also assist an airport in the successful pursuit of a grant. The collaboration can be mutually beneficial. Airport operators receive the financial benefit of the successful pursuit of funds. Program staff also benefit when they are recognized as contributing to the success of the funding program. Acknowledging the assistance of program staff in an airport’s successful pursuit of a grant can provide an incentive for continued cooperation. Program staff can also be a source of information on new funding opportunities when they arise.

A Proactive Not Reactive Approach Is Helpful

Airport operators seeking new sources of funding for environmental initiatives are more likely to be successful by taking a proactive approach in pursuing grants; this can include a number of actions. For example, regular monitoring of the federal and state websites included in the matrices is critical. The matrices contain information that was available at the

time this study was conducted and postings are subject to change. The federal grants.gov website added new grant opportunities on a weekly, and sometimes daily, basis. Some state websites also were not regularly updated and continued to list recently closed grant opportunities, although the amount of information on closed programs varied widely. Once airport staff have identified the resource area (or areas) they would like to pursue, it would be prudent to use the matrix to identify potential funding sources and to monitor the websites listed for those sources on a regular basis. Some programs enable interested parties to sign up to receive automatic notices about program developments; using this option could reduce the burden of monitoring sites.

For some states, links to grant information may not readily appear on agency home pages. It may be necessary to link to specific program information or to use the search function at the agency level. The information is available; the additional effort that may be required to obtain the information is worthwhile because it can lead to identification of funding opportunities.

Networking is another useful strategy. Participation in environmental conferences, environmental forums, and organizations at the state, regional, or local level can enable airport staff to identify and pursue new environmental funding opportunities. Two of the case examples in chapter six involve airports that were members of regional clean cities coalitions and relied on their memberships when in pursuit of funding.

Planning and preparation, discussed earlier, also support a proactive approach to obtaining environmental funding. One planning tool used by the Massachusetts Port Authority (Massport), the owner/operator of Boston Logan International Airport, involves the creation of a grants committee that includes key members from the Executive Administration and Administration and Finance Departments. The grants committee is convened before a grant application is made. It focuses on understanding *up front* all the strings that are attached to a successful grant application; for example, matching funds, monitoring and reporting requirements, and Equal Employment Opportunity standards, so that appropriate resources and procedures can be adopted to ensure compliance with these requirements.

A proactive approach to funding does not end with obtaining a grant agreement or loan. It includes ensuring that projects are carried out and all administrative, reporting, and record-keeping requirements are satisfied in a timely manner. Failure to implement projects or comply with administrative requirements can lead to the termination of existing funding commitments and jeopardize an airport's competitive position for future funding. Successful airports ensure that responsibility for projects is clearly assigned and that accountable persons are identified.

Consider Multiple Funding Sources for an Environmental Initiative

The Columbus Regional Airport Authority (CRAA) is currently benefitting from multiple grant programs to support vehicle emission reductions. CRAA is part of a coalition assembled by Clean Fuels Ohio that obtained funding under the Clean Cities Program to finance the incremental costs of replacing existing parking lot shuttle vehicles with propane vehicles. CRAA also partnered with the Ohio Environmental Council to obtain funding from the Midwest Clean Diesel Initiative for retrofitting diesel vehicles to reduce emissions. However, many federal programs do not allow federal funding sources to be combined, although grantor staff can help bring multiple parties or funding sources together.

Another potential funding source may be fines for environmental pollution or settlements or awards from environmental litigation. Massachusetts dedicates the proceeds from fines for environmental pollution to environmental programs. Other states may have similar programs, but this study did not focus on this issue.

Be Nimble

As noted, planning and preparation are important. However, some funding opportunities may arise on short notice. An airport with structures in place to respond to funding opportunities may be better positioned to take advantage of them when they occur. Proactively seeking out grant opportunities is one element. Having structures in place that provide legal authorization to apply for funds or that permit authority to be obtained on short notice is also important.

Flexibility is also essential. One of the case example airports started out pursuing a grant on a stand-alone basis, but elected to complete the grant process as part of a consortium effort. In the opinion of airport staff, the decision to join a consortium may have increased the probability of obtaining the grant funding.

Leverage the Hidden Value Streams at the Airport

Some environmental initiatives can pay for themselves or can attract participation by for-profit enterprises. One case example involved a private business (Clean Energy, Inc.) investing in the construction of an on-airport compressed natural gas (CNG) refueling station (at no cost to the airport), because of the potential profits from CNG fuel sales. The guaranteed energy savings contract model discussed here is based on the concept that third-party providers can earn a profit by selling and installing efficient and renewable energy devices while being reimbursed from the reduction in electric utility costs. Finally, a private business (Go Green Airport Recycling Centers) is now offering to perform solid waste reduction, reuse, and recycling services for airports at no

charge, based on the potential revenue stream generated by the sale of recyclable materials. Depending on the type and volume of materials, the airports may even generate net revenue from the arrangement.

Develop and Use Networks of Support for Environmental Initiatives

A network focused on environmental initiatives can enhance an airport's access to environmental funding. Internal networks can make it easier to identify projects or programs that may qualify for such funding. Internal networks can also be used to generate organizational support for the projects and pursuit of financial assistance. The internal network can also help ensure that projects are implemented and funding requirements are met once financial assistance is awarded. An example of an internal network is the Massport Grant Committee. External networks can also help identify funding sources and provide assistance and advice in developing successful proposals. It may be advantageous to extend networks beyond the individuals or offices with specific environmental program responsibilities. For example, fines imposed on environmental polluters in Massachusetts are available to fund environmental initiatives. Other states may also dedicate environmental fines or settlements and judgments in environmental litigation to environmental programs. By establishing contacts with state environmental attorneys, airport staff may acquire improved access to information on fund availability.

SPECIFIC ENVIRONMENTAL ISSUES

This section outlines strategies and suggestions for accessing financial assistance related to specific environmental issues. It is based on a review of the information from the funding program websites listed in the matrices and from the case examples. In some instances more detailed information is presented in the succeeding chapters on federal and state programs.

Air Quality

For airports in Clean Air Act (42 USC §4701 *et seq.*) non-attainment or maintenance areas, the FAA's VALE program may be available. The FAA continues to encourage participation and to seek applicants. Projects to comply with the requirements of the Clean Air Act are also eligible for AIP funding. However, the projects do not enjoy a high priority for funding unless they are associated with another project that the FAA rates more highly, such as a safety or security project. Other programs focus on vehicle emissions. The Clean Cities program and Diesel Emission Reduction Act (DERA) program focus on alternative fuel and clean diesel retrofit or replacement initiatives to reduce emissions. As noted, DERA has a \$500,000 minimum grant requirement. It may be more practical for some airports to join together with other airports. Both programs give special consideration to applications submitted by consortia.

Many states or communities may have nonprofit agencies similar to CALSTART that can function as the applicant for Clean Cities or DERA funds. For Clean Cities funding the applicant must be part of a Clean Cities coalition. The CAAA has partnered with both Clean Fuels Ohio and the Ohio Environmental Council to obtain funding for replacement and retrofitting of vehicles to reduce emissions.

Brownfields Cleanup and Restoration

Grant and loan programs are available to local government entities to perform assessments and to conduct cleanups of sites to prepare them for redevelopment. If the government does not own the site an agreement with the land owner will be necessary. A plan for redeveloping the site is recommended, because funding agencies typically consider the viability of the redevelopment as one factor in providing assistance.

Conservation of Resources, Habitat, and Species

Aside from grants related to water quality, grants for conservation of resources, habitat, and species appear to be most closely associated with lands under federal control and lands in agricultural use. However, for airports within or near lands under federal control, funding is available to local governments and government agencies. Implementation of a project in this category could raise questions of conformity to FAA policies on protecting airspace and avoiding wildlife hazards.

Electrical Energy—Emission Reduction

A wide variety of programs are available to assist airports in reducing nonrenewable energy consumption. Some programs focus on enhancing efficiency to reduce consumption, others assist in developing renewable energy sources. Especially in the area of reducing energy use, options involving public-private partnerships are available in addition to publicly funded grants or low-interest loans. Many utility companies offer rebates and other incentives for the installation of low energy consumption equipment and renewable energy sources. Cogeneration agreements may also be available. The Database for State Incentives for Renewables & Efficiency (DSIRE), accessible through <http://www.dsireusa.org/>, provides a comprehensive listing of financial assistance programs available by state. The listing includes utility programs. Airports contemplating energy conservation or renewable energy initiatives can use the DSIRE website to identify potential funding sources.

Another potential funding strategy is derived from participation in the Guaranteed Energy Savings Contract (GESC). The GESC concept is described in more detail in chapter five. The basic concept is that a third-party energy service company (ESCO) conducts an energy assessment. Based on the assessment it presents a plan to the facility owner and guarantees a quantity of energy savings if its recommendations

are implemented. The third party provides up-front financing for the capital costs needed to implement the recommendations and is repaid through the guaranteed energy savings.

Historic and Cultural Resources

Most states have loan or grant programs available to support acquisition, preservation, and restoration of historic structures. Such programs are open to local government entities. For those airports with historic structures the programs may provide a source of financing for preservation or rehabilitation. Most programs require a recipient to assume obligations to maintain the structure and provide for public access. The costs associated with these obligations would offset the value of the assistance.

In some states, funding may also be available for cataloging and other documentation of historic sites. For airports that are required to conduct documentation efforts of historic sites as a condition for completing a development project this funding source may be available.

Noise

The primary source of funding for noise compatibility projects continues to be the Noise Compatibility Program within AIP. With limited exceptions, discussed in more detail in chapter three, a FAA-approved noise exposure map and FAA-approved noise compatibility plan are required before FAA will make funding available. Measures typically funded within AIP include sound attenuation for structures or land acquisition.

The study did not reveal any parallel assistance programs focused on noise compatibility at the state level. However, many states have airport planning and development grant programs. Often, the focus of these programs is providing all or part of the local matching fund requirements for AIP grants. Information on the state programs is included in the matrix in chapter four. In states with airport grant programs, state funds may be available to help cover the local matching requirement for AIP noise grants.

Petroleum Storage Tanks and Releases

Petroleum storage tanks are as much a part of airport landscapes as runways and taxiways. Most states have financial assistance programs to help cover the costs of cleaning up inadvertent petroleum releases from storage tanks. In many cases, as reflected in the matrix in chapter four, the program functions in a manner similar to an insurance policy. The tank owner pays a deductible and the funding agency covers the balance of the costs. Liability for damages to third parties may also be covered. Generally, to benefit from these programs airports must register their tanks with the appropriate state agency and promptly notify the state of any release. Timely

action to stop and contain the release is also generally required. Many programs require preliminary steps such as registering tanks and payment of tank fees. Completing these steps would enable airports to expedite a funding request should a release occur.

Water Quality

Funding is available in most states for water quality projects, including projects to address storm water runoff under Section 319 of the Clean Water Act. Funds are generally available to local governments. However, priority is given to projects that provide broad-based watershed benefits and that address water bodies identified as priorities in state plans. Therefore, airports may enhance their access to funding by partnering with local water resource agencies or utilities.

A relatively recent strategy for water quality improvement (especially reduction of storm water run-off) is pervious or porous pavement. The principle of pervious pavement is that storm water can be absorbed into the pavement, similar to the absorption of water by soil. By reducing the volume of storm water flowing off pavement into the water shed, the pervious pavement also reduces the volume of pollutants flowing off the pavement. It is not clear at this time however that pervious pavement has the strength and durability necessary for application in all airfield uses.

Waste Reduction and Recycling

Many states have financial assistance programs to support recycling and other initiatives to reduce solid waste. In many cases, the focus of the programs is on encouraging community recycling or the construction of recycling facilities. Therefore, airports may enhance their access to funding for recycling by partnering with appropriate local governmental agencies.

As noted, opportunities for public-private partnerships for recycling are available. If the volume and nature of recyclable materials are commercially viable, at least one private-sector firm may be willing to provide recycling equipment and facilities at no cost to the airport and may even provide a recycling revenue stream.

ADDITIONAL INFORMATION SOURCES

The following is a listing of general information sources on environmental financial assistance identified for this report.

- As noted, DSIRE provides a comprehensive listing of financial assistance and incentives for renewable energy and energy efficiency projects. For each state, in addition to state programs, federal programs and programs offered by utility companies are cited.
- A nationwide listing of geothermal incentives is available at: <http://www.geoexchange.org/incentives/geothermal-heat-pump-incentives.html>.

- For airports in Missouri, the *Missouri Catalogue of Financial Assistance*, <http://www.mo.gov/mo/pdf/MoCSAP.pdf>, provides a listing of financial assistance opportunities within the state.
- In 2008, the EPA published the *Guidebook of Financial Tools, Paying for Environmental Systems*. The guidebook is a compendium of tools and strategies for financing environmental initiatives and includes information on federal assistance programs and public-private partnerships. The guidebook also discusses options that may be available to state or local governments to institute taxes and fees that generate revenues to support environmental initiatives. Links to relevant websites are also included. A link is available at <http://www.epa.gov/efinpage/publications/GFT2008.pdf>.
- The study effort located a number of commercial grant-finding websites, including www.NewUSAFunding.com, www.MyFinancialPrograms.com, www.Environmentalgrants.com, and <http://www.fedgrantservices.com/lc/>. However, these websites appeared to be oriented toward individuals and small businesses and charge subscription or other fees.
- Two sources of information on foundations offering grants were identified. The Foundation Center at <http://foundationcenter.org/> provides a comprehensive listing of foundations. A subscription is required to access some of the center's databases. However, listings of open Requests for Proposals (RFPs) are available at no charge at <http://foundationcenter.org/pnd/rfp/>. The Norcross Wildlife Foundation includes in its website a link to general information on foundations, which appears to be oriented toward foundations, rather than potential grantees: <http://www.norcrossws.org/Foundation%20Infor/Foundmain.html>.

FEDERAL FUNDING OPPORTUNITIES FOR ENVIRONMENTAL INITIATIVES

INTRODUCTION

This chapter discusses federal funding opportunities for airport environmental initiatives. It includes a discussion of FAA grant programs to provide a comprehensive information resource. It is recognized that airport management is familiar with FAA programs. For other agencies, much of the information was derived from searches of the grants.gov website (www.grants.gov). This chapter includes a brief discussion of the use of grants.gov as a resource, followed by generally applicable considerations, followed by a discussion of various agency programs. The final section of the chapter is the matrix of funding opportunities in the form of Table 1.

GRANTS.GOV WEBSITE

The grants.gov website is intended to be a comprehensive source of information on available federal grant programs. Figure 1 is a screen shot of the “Find Grant Opportunities” page of grants.gov.

As shown in Figure 1, 26 federal agencies post their discretionary grant opportunities on this website. Grant opportunities can be searched by agency or by category. Searches can be performed using key words or the Catalogue of Federal Domestic Assistance number. One of the categories is environmental grants. A search using that category produced 295 results, including grants to support conferences. Using the information in this report, it might be more efficient to target one or more agencies or programs highlighted in this synthesis as the focus of a search.

In using grants.gov to search for funding opportunities it is important that airports be aware of certain features of the website. First, for many agencies or programs, expired opportunities remain posted on the site, presumably for information purposes. It is possible to request that search results be sorted with the most recent results posted first. Doing so will expedite the search process. It is also possible to limit searches to open opportunities when conducting a keyword search. Second, new grant opportunities are added to the site on a continual basis. In the course of preparing this report, two searches of grants.gov for the same agency within a day often resulted in new grant opportunities being listed. Therefore, regular searches may be required, unless an airport has arranged for automatic notification of grant opportunities with individual federal agencies. Third, on occasion com-

plete information on a program may not be available through grants.gov. It may be necessary to go directly to an individual agency’s website to obtain this information. On at least one occasion, however, the search of the agency’s website led back to grants.gov.

Many agencies also use grants.gov to accept grant applications. For some agencies and programs submission through this website is offered as an option to paper filing. For other agencies, the use of grants.gov is mandatory, as reflected in Table 1. To use grants.gov to submit applications, it is necessary to register; a process can take up to two weeks. Two key steps of the registration process are obtaining from Dun and Bradstreet a Data Universal Numbering System number and registering with the federal government’s Central Contractor Registration. Information on completing these and the remaining steps required for registration is available at <http://www.grants.gov/assets/OrgRegUserGuide.pdf>.

GENERAL CONSIDERATIONS FOR FEDERAL GRANTS

Administration of AIP grants shares some features in common with other grant programs and includes unique features. Considering the familiarity most airports have with AIP procedures, the discussion of general considerations focuses on the common characteristics and the unique characteristics.

Common Characteristics

The most significant common characteristics of federal grant programs are outlined here.

General Federal Requirements

AIP grants are subject to a number of federal requirements that are not directly related to the project being funded. Appendix A lists all federal requirements associated with AIP grants, according to AIP Grant Assurance No. 1; requirements that are specific to AIP grants and other grants administered by the U.S.DOT are highlighted. General requirements or restrictions range from the Hatch Act, restricting use of federal funds for lobbying to the Age Discrimination Act of 1975, which prohibits discrimination on the basis of age in federally funded programs. Many of these requirements are tied to the receipt of federal funds and are potentially applicable to

TABLE 1
FEDERAL ENVIRONMENTAL FUNDING OPPORTUNITIES

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
FAA Noise Compatibil- ity Program	Airport noise	<ol style="list-style-type: none"> 1. Development of airport noise exposure maps 2. Development of airport noise compatibility programs 3. Implementation of noise compatibility measures, including sound insulation and acquisition of residential property for noise impacted facilities including schools, medical facilities, and churches 	Owner/ operator of an AIP- eligible airport or communi- ties adjacent to a large or medium hub airport	49 USC §§47504, 47505, 47141; 14 CFR Part 150; AC- 150/5120-1; www.faa.gov/environmental/airport_noise ; www.faa.gov/airports/aip (for general AIP information applicable to environmental grants	Grants Local Match— 80% large and medium hub airports 95% for all other airports	Start noise exposure map and noise compatibility process—2 yr before planned award of grant Submit NEM and NCP to FAA for approval—180 days before request for funds Submit funding request to FAA—February preceding the fiscal year funds are desired; e.g., February 2010 for FY 2011 grants Bid project— 2nd quarter of fiscal year funds are desired (e.g., March 2010 for FY 2010 grants	Noise compatibility measures are eligible for funding only if included in FAA-approved Part 150 NCP except: soundproofing of educational and medical facilities. Adjacent communities may receive funding only if the adjacent airport does not have an approved NCP or the NCP is out of date Grants for projects must generally be based on bids Land acquisition projects subject	Extensive community participation required for development of NCPs.

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
						Application submitted to local FAA Airports office	to a disposal requirement Additional requirements listed in AIP grant assurances, www.faa.gov/airports/aip/grant_assurances	
FAA Voluntary Airport Low Emission (VALE) Program	Air quality	Projects at airports to reduce emissions, including vehicle replacement, gate electrification, hydrant fueling systems, and renewable energy installation	Commercial service airports in Clean Air Act nonattainment of maintenance areas	49 USC §§47102(3) (K), (L) http://www.faa.gov/airports/environmental/vale/ Dr. Jake Plante 202-493-4875 jake.plante@faa.gov	Grants Local match— 75% large and medium hub airports 95% all other airports	Project formulation—2 yr before planned award of grant request for funds Submit funding request to FAA—February preceding the fiscal year funds are desired; e.g., Feb. 2010 for FY 2011 grants Bid project—2nd quarter of fiscal funds are desired (e.g., March 2010 for FY 2010 grants) Application submitted to local FAA Airports office	Commitment of air quality emission credits from state required Application must include estimate of emission reductions using FAA Emissions and Dispersion Modeling System (EDMS) Projects must have VALE identification affixed For vehicle replacement or retrofit, sponsor must commit to keep vehicle at airport for its useful life. Any replaced	Excel worksheets to support application and to support equipment and vehicle tracking, link to EDMS available at the listed URL. Application summaries, with contact information available at http://www.faa.gov/airports/environmental/vale/media/VALE_grant_summary.pdf

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
							equipment cannot be redeployed at airport or in another nonattainment area	
FAA Airport Improve- ment Program (AIP) environ- mental projects	Air quality, water quality, NEPA compli- ance, EMS develop- ment	Projects to comply with requirements of the Clean Air Act or the Safe Water Drinking Act Projects for drainage storage, treatment of aircraft deicing fluid Environmental mitigation projects required in NEPA documents	Public-use airports included in FAAs National Plan of Integrated Airport Systems	49 USC 47101 <i>et seq.</i> FAA Order 5100.38C FAA Order 5100.39A http://www.faa.gov/airports/aip/	Grants Local match— 75% large and medium hub airports Local match— 95% all other airports	Project formulation—at least 2 yr before planned award of grant request for funds Submit funding request to FAA— Feb. preceding of the fiscal year funds are desired; e.g., Feb. 2010 for FY 2011 grants Bid project— 2nd quarter of fiscal funds are desired (e.g., March 2010 for FY 2010 grants) Application submitted to local FAA Airports office	Extensive administrative and post-grant requirements outlined in FAA Order 5100.38C and Appendix A of this report	Aside from VALE and noise compatibility grants, environmen- tal grants are not typically high priority Development of AIP funding plans by FAA is a continuous process. In some cases identification of a project may need to occur up to five yr before planned funding
BLM Idaho Native Plant Materials Develop- ment	Resource and species conserva- tion	Projects to collect and preserve uncommon native plant seeds for restoration, conservation, and	Eligibility open to all, but project team must include a botanist	43 USC §1737(b) Seeds of Success (SOS) website, http://www.blm .	Cooperative agreement No required local matching share, but local match considered.	March— Solicitation issued April— Applications due	SOS protocols must be followed for seed collection Standard federal administrative	This program may be most suitable as a teaming opportunity

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
		research in Idaho		gov/mt/st/en/ prog/botany/so s.htm		Applications must be filed through grants.gov	requirements apply Standard OMB audit and record keeping requirements Quarterly financial reports; annual performance reports	
BLM Montana Noxious Weed Control	Resource and habitat conserva- tion	Projects to control and reduce the spread of noxious weeds on BLM lands in Montana	State agencies	7 USC §2804	Cooperative agreement No required local matching share required, but encouraged Other federal funds cannot be used as match and match cannot be counted as match for another program	April— Solicitation issued May— Applications due Applications must be filed through grants.gov	Standard federal administrative requirements apply Standard OMB audit and record keeping requirements Quarterly financial reports; annual performance reports	Potentially open to state- owned airports or locally owned airports through partnering, if airports on or near BLM lands
BLM Idaho Noxious Weed Control	Resource and habitat conserva- tion	Projects to control and reduce the spread of noxious weeds on BLM lands in Idaho	State agencies	7 USC §2804; CFDA No. 15.230	Cooperative agreement No required local matching share	April— Solicitation issued May 1— Applications due	Standard federal administrative requirements apply. Specific page limits for applications Standard OMB audit and record keeping requirements	Potentially open to state- owned airports or locally owned airports through partnering, if airports on or near BLM lands

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
							Quarterly financial reports; annual performance reports	Application period is short, less than one month
BLM Montana, North Dakota, South Dakota Community Wildfire Assistance	Resource and habitat conserva- tion	Projects in states listed in 1st column to promote community action to reduce risk of wildfire on BLM and adjacent land, including: Zoning to reduce wildfire Wildfire fuel reduction	State, local govern- ments, Indian Tribes, non- profit organiza- tions	Pub. L. 106- 291, Title IV	Cooperative agreement No local matching share required, but will increase priority of funding	January 29— Solicitation issued May 1— Applications due Applications must be filed through grants.gov	Standard federal administrative requirements apply Standard OMB audit and record keeping requirements Quarterly financial reports; annual performance reports	
BLM Utah Challenge Cost Share Program	Habitat, resource conserva- tion Historic and cultural resources	Projects in Utah for: Habitat improvement Noxious weed eradication Cultural, historic resources	Nonfederal partners with existing cooperative agreement	31 USC §6305 43 USC §1737 16 USC 1535 Pub. L.93-452	Cooperative agreement Local match— 50%	April 3— Solicitation issued July 15— Applications due Applications must be filed through grants.gov	Standard federal administrative requirements apply	Summary of FY 2005 grants for all states available at http://www.blm.gov/heritage/adventures/research/StatePages/PDFs/fy05chlg.pdf Later years not accessible
BLM Idaho Challenge Cost Share	Habitat, resource conserva- tion	Projects in Idaho for:	Nonfederal partners	31 USC §6305 43 USC §1737	Cooperative agreement	February 23— Solicitation issued	Standard federal administrative	Summary of FY 2005 grants for all

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
Program	Historic and cultural resources	Habitat improvement Noxious weed eradication Cultural, historic resources		16 USC 1535 Pub. L.93-452	Location match— 50%	March 31— Applications due Applications must be filed through grants.gov	requirements apply Participants must obtain DUNS No. and register with CCR Standard OMB audit and record keeping requirements Quarterly financial reports; annual performance reports	states available at http://www.blm.gov/heritage/adventures/research/StatePages/PDFs/fy05chlg.pdf Later years not accessible
BLM New Mexico Challenge Cost Share Program	Habitat, resource conservation Historic and cultural resources	Projects in New Mexico for: Habitat improvement Noxious weed eradication Native plant conservation Cultural historic resources	All nonfederal partners	Challenge Cost Share Appropriation Act Pub. L. 101-512 Janet Y. Huff 505-761-8941	Cooperative agreement Local match— 50%	April 20— Solicitation issued May 20— Applications due Applications must be filed through grants.gov	Standard federal administrative requirements apply Agreements expire after 5 yr Standard OMB audit and record requirements Quarterly financial and performance reports	Summary of FY 2005 grants for all states available at http://www.blm.gov/heritage/adventures/research/StatePages/PDFs/fy05chlg.pdf Later years not accessible
Bureau of Reclamation (BRL) Water and Energy Efficiency Grants	Water quality Energy/ Emissions	Projects to: Conserve and use water more efficiently Increase energy efficiency in	State and local agencies and Indian tribes with water or power	Pub. L 111-11, section 9504, 42 USC 10364 http://www.usbr.gov/WaterSMART/ .	Cooperative agreement Local match—50% or more. In kind contribution	March 16— Solicitation issued May 4— Applications due	Standard OMB audit and record keeping requirements Quarterly financial	Some pre- award costs may be eligible; e.g., design or environmental compliance

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
		management of water resources	delivery authority Limited to Western U.S. Note: may provide city or county airports opportunity to partner with other city agencies	Stephanie Bartlett, 303- 445-2025, sbartlett@usbr. gov	allowed, if used as local match in another program	June—Awards announced July—Septem- ber—grant agreements executed Applications by hard copy (original and one copy) or electronically through grants.gov.	reports; annual performance reports Grantee responsible for 100% of O&M costs of project	Summary of FY 2010 grants available at http://www.usbr.gov/newsroom/docs/WaterSMART_des_2010.pdf Grants appear to be focused on water districts Airports may have teaming opportunities
FEMA Flood Mitigation Assistance Program	Flood prevention and mitigation	Projects to reduce or eliminate long- term risk of flood damage to buildings, manufactured homes, and other structures insured under the National Flood Insurance Program Planning and implementation projects are eligible. States may receive grants to help	States, territories, tribal organiza- tions and local gov- ernments Local govern- ments only eligible as sub-grantee of another eligible applicant	Section 1366 of the National Flood Insurance Act of 1968, 42 U.S.C. 4101 http://www.fema.gov/government/grant/fma/index.shtm http://www.fema.gov/library/viewRecord.do?id=3649	Grants Local match—25% Local match may be reduced to 10% for severe repetitive loss properties if applicant has an approved Severe Repetitive Loss Strategy	June 1— Unified grant guidance issued December 4— Applications due Applications submitted through FEMA electronic grant portal eGrants at https://portal.fema.gov	BCA required except for acquisition and demolition of damaged property Approved hazard mitigation plan required and project must be consistent with plan All activities must conform to 44 CFR Part 9	Detailed information on eligibility, administra- tive requirements, and application process available at 2nd listed URL Other FEMA funding opportunities appear to be tied to flood

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
		defray costs of administering the FMA program					Sub-applicants must be participating in National Flood Insurance Program Standard federal administrative requirements apply	or other disaster events and are not listed here, but are described in detail at 2nd listed URL
U.S. Fish and Wildlife Service (FWS) Cooperative Endangered Species Conservation Funds	Endangered species, habitat	“Traditional” conservation grants (e.g., habitat restoration, surveys, reintroduction) for candidate, listed and recently recovered species Habitat Conservation Planning Assistance grants to fund development of Habitat Conservation Plans (HCPs) HCP Land Acquisition Grants, to fund land acquisition in approved HCPs. Recovery Land	States with cooperative agreements with Interior Department. Local governments, community, or conservation organizations may participate as sub-grantees	Section 6 of Endangered Species Act, §1535, Federal Acquisition Regulations, subpart 31.2; 2 CFR Parts 215, 220, 225; 43 CFR Parts 12,18; OMB Circulars A-107, A-133; Fish and Wildlife Service Manual, 521 FW 4 (http://www.fws.gov/policy/521fw4.html); http://www.fws.gov/endangered/grants/section6/index.html	Traditional Conservation Grant Local match—25% Match reduced to 10%, if two or more states cooperate	Due date per regional guidance Other grants—due August of preceding fiscal year	Administrative requirements vary for each type of grant. Examples include: All grants—project cannot be required for statutory compliance HCP grants limited to new plans HCP land acquisition—project must complement, not replace mitigation responsibilities; applicant must document voluntary	Note: All projects are subject to a defined point rating system Airports would participate as sub-grantee unless state owned

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
		Acquisition Grants for voluntary purchase of land needed for recovery of listed species					nature of land transfer Funds must be spent within 3 years of obligation Quarterly financial reports using SF 425. Reporting requirements in OMB Circular A-102; 2 CFR §§215.40, 41 Single Audit Act may apply	
FWS Region 3 Challenge Cost Share Program	Resource, habitat conserva- tion, invasive species	Projects for: Invasive species control Habitat restoration	Any entity	Rob Bruesewitz (612) 713- 5403; Robert_Brue- witz@fws.gov	Cooperative agreement Local match— requirement not listed in grants.gov	Jan. 4— Solicitation issued Mar. 5— Applications due Applications must be filed through grants.gov	Standard OMB audit and reporting requirements	Link to FWS regional boundaries available at http://www.fws.gov/where/
FWS Region 5 Challenge Cost Share Program	Resource, habitat conserva- tion, invasive species	Projects for: Invasive species control Habitat restoration	States, local governments Higher education institutions Non-profits	Virginia Rettig (413) 253-8559; Virginia_Rettig @fws.gov	Cooperative agreement Local share not listed	Mar. 29— Solicitation issued Sep. 30— Applications due Application through grants.gov, regular mail or e-mail	Standard federal administrative requirements apply (based on application link in grants.gov)	Link to FWS regional boundaries available at http://www.fws.gov/where/

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
FWS Region 6 Challenge Cost Share Program	Resource, habitat conserva- tion, invasive species	Projects in Region 6 for: Invasive species control Habitat restoration	Any entity	http://www.fws.gov/mountain-prairie/challengecostshare/ James Graves (303)-236-4376; James_Graves@fws.gov	Cooperative agreement Local match— 50% including in-kind contributions. Other federal funds cannot count as local match	Sep. 29—Memo to field issued Oct. 30— Applications due Application by mail or e-mail		Link to FWS regional boundaries available at http://www.fws.gov/where/
FWS Region 6 Noxious Weed Treatment	Resource conserva- tion, invasive species	Projects in Region 6 for: Treating noxious weeds in National Wildlife Refuge watersheds Preventing spread within and outside refuge lands	State and county governments	Federal Noxious Weed Act, Pub. L. 93-629, Section 15 Andrea Meyer; andrea_meyer@fws.gov	Cooperative Agreement Local match— none	Apr. 12— Solicitation issued Sep. 30— Applications due	Standard federal administrative requirements apply (based on application link in grants.gov)	Link to FWS regional boundaries available at http://www.fws.gov/where/
FWS Endangered Species Candidate Conservation Action Funds	Endangered species	Funding for: Endangered Species conservation Ecosystem preservation Habitat restoration Projects limited to actions listed in Candidate Species Assessment	State and local governments Landowners Educators Others	Endangered Species Act, 16 USC §1531 <i>et seq.</i> http://www.fws.gov/endangered/wildlife.html (for information on Candidate Species Assessment) https://www.cfd.gov/downloads/CFDA_writing.pdf (information on writing grant proposals)	Grant, cooperative agreement, project agreement, direct payment Local match—not required, but recommended	Apr. 15— Solicitation issued July 2— Applications due Paper applications or electronic applications submitted through grants.gov Note: In some states, application process may be subject to EO 12372, Intergovernmental review of	Projects must be completed by the end of the fiscal year after award Standard OMB audit and record keeping requirements Quarterly financial reports; annual performance reports	Actions regarding wildlife must be consistent with FAA policies on wildlife hazards Information on writing proposals at 2nd listed URL Additional information available at 3rd listed URL

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
				<p>http://wsfrprograms.fws.gov/Subpages/ToolkitFiles/toolkit.pdf (copies of documents specifying post-grant requirements. Contact information listed in full text of grant offer</p>		Federal Programs		
FWS Endangered Species Restoration Initiative	Endangered species, habitat	<p>Projects for habitat restoration in FWS Great Lakes–Big Rivers Region (Region 3)</p> <p>Funding limited to voluntary programs</p>	<p>State and local governments</p> <p>Landowners</p> <p>Others</p>	<p>Endangered Species Act, 16 USC §1531 <i>et seq.</i> http://www.fws.gov/midwest/Endangered/ Peter Fasbender 612/713-5343; peter_fasbender@fws.gov. (MN, WI, IL, IN, OH) David Stilwell 607/753-9335, ext. 123; david_stilwell@fws.gov. (PA, NY)</p>	<p>Cooperative agreement or grant</p> <p>Local match—not required, but local contribution will be awarded points in proposal ranking factors. 1 point awarded for each 10% local share up to 40% (4 points)</p>	<p>Feb. 19— Solicitation issued</p> <p>Mar. 22— Applications due</p> <p>Paper applications or electronic applications through grants.gov</p> <p>Note: In some states, application process may be subject to EO 12372, Intergovernmental review of Federal Programs</p>	<p>Standard OMB audit and record keeping requirements</p> <p>Quarterly financial reports; annual performance reports</p> <p>Requirements of Department of Interior Form DI-2010</p>	<p>Information on past grants available at http://www.fws.gov/midwest/Endangered/grants/index.html</p> <p>Link to FWS regional boundaries available at http://www.fws.gov/where/</p>

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRSC), Wetland Reserve Program Restoration Assistance (Mississippi State Office)	Water quality, wetlands	Funding for: Wetland and upland restoration plans Water quality improvements Reduced soil erosion and flooding Endangered species habitat	State and local governments Indian tribes Non-profit organizations Note: Recipient must be certified as a “Technical Service Provider” (“TSP”). There may be teaming opportunities for airports	Multiple statutory references listed. 7 CFR Part 652 NRCS Field Office Technical Guide: http://efotg.nrcs.usda.gov ; NRCS National Irrigation Guide http://www.wcc.nrcs.usda.gov/nrcsirrig/ ; and NRCS National Engineering Handbook, and National Engineering Manual References: http://www.nrcs.usda.gov/technical/ENG . TSP certification requirements at http://techreg.usda.gov . Faith Tillman 601-965-4098, ext. 124 faith.tillman@ms.usda.gov	Cooperative agreement Local match—not required	Apr. 19— Solicitation issued May 14— Applications due Paper applications only	CCR registration required 7 CFR 3015- 3019, 3052 contain additional administrative requirements Agreement will be awarded for a base year with four one- year options Quarterly financial reports and monthly progress reports	Technical guidance at listed URLs

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
USDA Rural- Business Cooperative Service, Rural Energy for America Program	Energy, emissions	Projects to develop renewable energy systems and energy efficiency improvements in rural areas	Farms and small businesses in rural areas including rural energy cooperatives	\$9001 of the Food, Conservation, and Energy Act of 2008 (2008 Farm Bill) Title IX of the Farm Security and Rural Investment Act of 2002 7 CFR Part 4280 75 Fed. Reg. 21584 Contact information for each state listed in Fed. Reg. notice	Grants or guaranteed loans Local match— 75% for grants, 25% for guaranteed loans	Issued April 24 Applications due June 30 Electronic applications through grants.gov or paper application filed with individual state offices	7 CFR Part 4280, Subpart B Environmental review documents required under 7 CFR Part 1940, Subpart G	Airports may not be directly eligible, but there may be potential teaming opportunity with rural cooperatives
Department of Energy, Office of Energy Efficiency and Renewable Energy (EERE), Vehicle Technologies Program, Clean Cities	Alternative fuels	Funding to support reduction of dependence on imported petroleum through education, outreach and other support promoting the use of the following alternative vehicle technologies: <ul style="list-style-type: none"> • Alternative Fuel Vehicles (AFV) & Infrastructure • Idle Reduction Technologies 	Designated Clean Cities coalitions and coalition members	Energy Policy Act of 1992, Pub. L. 102- 486, 42 USC §13201 <i>et seq</i> Clean Cities Home Page http://www1.eere.energy.gov/cleancities/ Clean Cities Designation Guide http://www1.eere.energy.gov/cleancities/pdfs/43181.pdf	No specific funding mechanism or local matching requirements are listed, however funding for vehicles is generally limited to incremental costs of green technology. Check with contact information sources for specific requirements	No specific deadlines for submitting requests. However, generally, the program has two funding cycles each year—once in the spring and once in the fall Designation process can take years	A critical requirement is to obtain designation as a Clean Cities Coalition. Achieving designation is a nine-step process. A critical step is to obtain specific commitments to implement Clean Cities technologies and practices	Priority is given to helping communities expand existing AFV markets Airport must work through a Certified Coalition Clean Cities Certified Coalitions are listed at the 3rd URL

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
		<ul style="list-style-type: none"> • Fuel Blends • Hybrid Vehicles • Fuel Efficiency Technologies 		Clean Cities Coalition Listing http://www.afdc.energy.gov/clean_cities/progs/coalition_locations.php	. .		Coalitions applying for designation must develop a five-year strategic plan. After designation, coalitions must: <ul style="list-style-type: none"> • Execute an MOU • Implement the plan • Provide annual progress reports • Renew plan and MOU at five-year intervals 	
Environmental Protection Agency (EPA), National Clean Diesel Campaign	Emissions	Projects to Implement EPA or California Air Resources Board (CARB) certified and verified diesel emission reduction technologies, including idle reduction technologies. Projects can include: <ul style="list-style-type: none"> • Retrofitting with certified technology 	U.S., state, local, regional, or tribal agencies responsible for transportation or air quality Non-profits involved in supporting or promoting air quality	Diesel Emissions Reduction Act, Pub. L. 109-58, §§791-797, 42 USC §§16131-16137 http://www.epa.gov/cleandiesel/prgnational.htm	Grants Low interest loans Grants to states Local match 25% for engine repower 75% match (of incremental costs) for vehicle replacement No local match requirement for	OCT 6—RFP published DEC 8—RFP close FEB 28—28 Notice of award Hard copy submittals must be made by express delivery service. Electronic submittals by e-mail to	EPA requirements for grants are listed at www.epa.gov/ogd/AppKit/applicable_epa_regulations_and_description.htm .	Airports may have to team with a qualifying non-profit or another local, state, or government agency

(Table 1 continued on the next page)

Table 1 continued

Agency/ Program	Resource Area	Eligible Projects	Sponsor Eligibility	Statutory Authority and Guidance, Contact Information	Form of Assistance, Local Participation Rate, Funding Limits, Administrative Requirements	Timeline and Application Procedures	Administrative and Post-grant Requirements	Notes
		<ul style="list-style-type: none"> • Replacement of vehicles or equipment (incremental costs of cleaner technology only) • Repowering with cleaner diesel of alternative fuel engines • Reducing long duration idling • Eligible fleets include: <ul style="list-style-type: none"> • Busses • Medium & heavy-duty trucks • Cargo handling equipment (including at airports) 			<p>verified technology retrofits.</p> <p>Voluntary matching in excess of mandatory amounts are permitted to expand, enhance and improve the cost effectiveness of a proposal</p>	<p>individuals designated in RFP are permitted (see instructions in RFP)</p> <p>Program is subject to EO 12372, Intergovernmental Review of Federal Programs</p>		

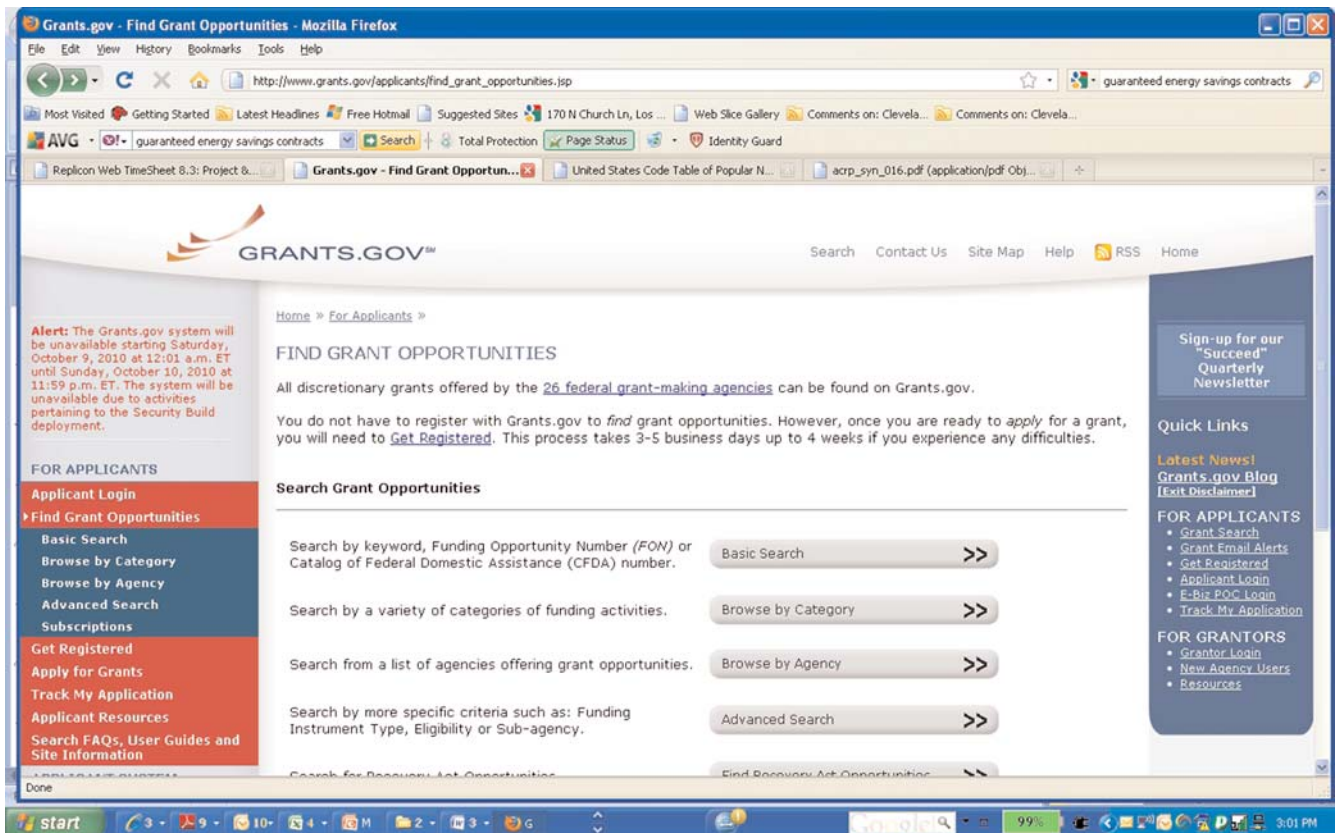


FIGURE 1 Grants.gov funding opportunities page.

other grant programs. It is suggested, however, that airport staff confirm with the granting agency the requirements and restrictions applicable to any specific federal program being considered.

Grant and Project Administration

Administration of grant programs is subject to the Uniform Administrative Requirements for Grants and Cooperative Agreements with State and Local Governments (Common Rule). The Uniform Rule was developed by the Office of Management and Budget (OMB) in cooperation with federal granting agencies. Each cabinet department promulgated its own version of the Common Rule within its own regulatory structure. The version of the rule applicable to AIP grants, for example, is contained in U.S.DOT Regulations at 49 CFR Part 18. The Uniform Rule addresses a number of issues including procurement practices. In general, it is important that recipients allow for fair and open competition when contracting for federally funded work, as reflected in 49 CFR §18.36. Federal grants are also subject to uniform standards for calculating allowable project costs, through the application of *OMB Circular A-87, Cost Principles Applicable to Grants and Contracts with State and Local Governments*.

Reporting, Recordkeeping, and Audits

As a result of initiatives by OMB, federal programs are increasingly subject to uniform reporting, record keeping, and audit standards. Effective October 1, 2009, all grant recipients were required to file quarterly financial reports on a new standard Federal Financial Report, SF-425. Effective October 1, 2010, all grantees and subgrantees were required to obtain Data Universal Numbering System numbers and complete registration with the Central Contractor Registration [75 Fed Reg. 55671, 55674 (September 14, 2010)]. Since 1984, all federal grantees have been subject to uniform audit standards and procedures under the Single Audit Act, 31 USC §7501 *et seq.* OMB implemented the Single Audit Act through issuance of OMB Circular A-133, Audits of States, Local Governments and Non-Profit Organizations.

Differences Between AIP and Other Federal Grant Programs

Perhaps the most significant difference between the administration of AIP grants and other competitive grant programs is the process of project selection and award. AIP discretionary funds are awarded on a competitive basis. However, project selection is the result of a continuous planning process involv-

ing airport operators, states, FAA regional offices, and FAA national headquarters. Projects can be identified as potential candidates for grants as much as five years before an application is submitted. It is rare for a project to be identified as a candidate less than three years before an application [FAA, *AIP Handbook*, Order 5100.38C (June 2005) at p. 167, par. 1000; FAA, *Airports Capital Improvement Plan* Order 5100.39A (August 2000) at p. 1, sec. 5.5; FAA, Southwest Region Airports Division, *Capital Planning: Developing Your Airport Through Sound Planning Practices* (February 2007)].

In contrast, as reflected in Table 1, most other federal agencies solicit grant applications through a RFP or similar process. A notice or request for applications is published with a specific deadline for the filing of applications or proposals. Failure to meet the deadline generally results in a rejection of the request.

SPECIFIC ENVIRONMENTAL FUNDING PROGRAMS

This section provides an overview of various federal funding programs to support environmental initiatives for which airports might qualify. It supplements the information contained in Table 1. Programs are discussed by federal agency and program with the FAA opportunities included.

Federal Aviation Administration

The primary focus of environmental funding under AIP (in terms of the dollar amounts of grants) is on noise compatibility. In 2008, the last year for which it has published data, FAA awarded \$285.6 million in grants for noise compatibility projects (FAA 2010). Except for certain soundproofing projects at schools and medical facilities, projects to implement noise compatibility measures may be funded only after the airport develops and the FAA approves a noise exposure map for the airport and a noise compatibility plan (49 USC §47504).

The VALE program is a recently implemented environmental program under AIP, first authorized in Vision 100, Pub. L. 108-176 (2003). Under VALE, the FAA makes grants of AIP funds to finance low-emission vehicles, refueling and recharging stations, gate electrification, and other airport air quality improvements. Only commercial service airports in nonattainment or maintenance areas under the Clean Air Act are eligible to apply, and projects must address the particular emission(s) causing the nonattainment or maintenance status. Airports commit to keeping any new or retrofitted vehicles on the airport for their useful lives. For replacement vehicles, airports pledge not to operate the vehicles being replaced at the airport or at another nonattainment area. In FY 2010, according to the FAA's VALE website, the FAA issued 12 VALE grants totaling \$37.4 million: http://www.faa.gov/airports/environmental/vale/media/VALE_grant_summary.pdf.

In addition to the noise compatibility and VALE programs, the following environmental initiatives are eligible for AIP funding:

- Projects to comply with the Clean Air Act or the Federal Water Pollution Control Act.
- Construction of drainage collection structures, and treatment and discharge systems for aircraft deicing fluid.
- Preparation of documentation for environmental assessments and environmental impact statements under the National Environmental Policy Act (NEPA).
- Mitigation measures required in Findings of No Significant Impact accompanying environmental assessments and Records of Decision accompanying environmental impact statements.
- Initial development of Environmental Management Systems. These systems are currently funded as a planning project [FAA Program Guidance Letter 07-06 (September 24, 2007)].

Bureau of Land Management

The Bureau of Land Management (BLM) has multiple programs that address vegetation issues. Grants are available to assist in eliminating noxious plants and other nonnative plant species, and to reduce wildfire risk by eliminating wildfire fuel. These grants appear to be made available on a state-by-state basis, as noted in Table 1, and are primarily focused on western states. Some programs are open only to state agencies, whereas others are also available to local governments. The grants are generally available only for areas within or adjacent to lands under BLM control.

The BLM also administers a challenge cost share grant program, which is also administered on a state-by-state basis and is primarily focused on western states. Funding is provided for habitat improvement, noxious plant eradication, and support for cultural and historic resources. Information available through grants.gov indicates that for some states, for example Utah, a cooperative agreement must be in place for a community to qualify. Information for other states, for example Idaho, does not reference a requirement for cooperative agreements.

Bureau of Reclamation

For the Bureau of Reclamation (BRL) a review of grants.gov identified one program potentially available for airport environmental initiatives. Grants are provided to support water conservation, more efficient use of water, and energy efficiency in providing water resources. Funding is limited to local governmental units with water or power delivery authority. Depending on the particular governmental structure, airports may qualify as components of such a governmental unit or may be able to partner with the eligible local unit.

Federal Emergency Management Administration

The Federal Emergency Management Agency (FEMA) offers a variety of funding opportunities. However most of these opportunities appear to be linked to the occurrence of a flood emergency or another disaster. A link to information on these programs appears in the FEMA entry in Table 1.

One program that appears to have more general application is the Flood Mitigation Assistance (FMA) program. The FMA provides funding for planning and implementing measures to reduce or eliminate damage to residences and other structures insured under the National Flood Insurance Program. The FMA program is summarized in the FEMA entry in Table 1.

Fish and Wildlife Service

The Fish and Wildlife Service (FWS) offers a variety of funding opportunities that may be available to support airport environmental initiatives. FWS sponsors a challenge matching grant program similar to that of BLM. FWS administers its program on a regional rather than a state-by-state basis. The FWS also sponsors the Cooperative Endangered Species Conservation Funds Program, which provides funding for traditional conservation activities and land acquisition to support wildlife habitat. Other funding programs address control of noxious plants and preservation of endangered species.

U.S. Department of Agriculture

The U.S. Department of Agriculture (USDA) and its agencies also offer a variety of financial assistance programs that may be available to support airport environmental initiatives. The Natural Resources Conservation Service provides funds for wetlands restoration and protection, including water quality improvements and projects to control soil erosion. The Rural Business Cooperative Service provides funds for renewable energy and energy efficiency projects in rural areas. For these programs, an airport operator may not meet eligibility requirements on a stand-alone basis. Access to funds may depend on teaming with another local entity to obtain funding.

Department of Energy

The DOE's Clean Cities Program provides funding for programs to reduce dependence on imported petroleum includ-

ing acquisition of alternative fuel vehicles (AFVs), AFV refueling/charging stations, and hybrid vehicles. Vehicles being replaced under the Clean Cities Program are not required to be scrapped or rendered inoperable. Funding is limited to certified Clean Cities coalitions and their members. Airports have had success in working through certified coalitions to obtain funds. A listing of certified coalitions can be found at http://www.afdc.energy.gov/cleancities/progs/coalition_locations.php.

Environmental Protection Agency

The EPA administers the National Clean Diesel Campaign, which is authorized by the DERA. Funds are provided for various techniques to reduce diesel emissions. A project that involves the replacement of a diesel engine must provide for the engine being replaced to be scrapped or otherwise disabled.

The EPA also provides funds to states for water quality projects under Section 319(h) of the Clean Water Act. States then make grants to individual recipients. These grants are discussed in chapter four.

MATRIX OF FEDERAL FUNDING PROGRAMS

Table 1 presents information on the federal programs identified in this report. Information is provided on eligible applicants, eligible projects, matching requirements and funding limitations, application timelines and procedures, and administrative requirements. As noted previously, the results included in the table represent a snapshot of information available through grants.gov. New grant opportunities are constantly posted. Also, grants.gov does not provide a uniform level of information across all listed grant opportunities. In some cases, the searches of agencies' individual websites yielded additional information about a program. In other cases, information could not be readily obtained.

The timelines included in the matrix should be considered as illustrative. For programs offered on an annual basis there is likely to be some variation in the exact dates grant opportunities are posted and applications are due. Some programs may have limited application to airports. They are included in the matrix to provide the broadest possible listing of potential funding sources.

STATE FUNDING OPPORTUNITIES FOR ENVIRONMENTAL INITIATIVES

INTRODUCTION

This chapter discusses state funding opportunities for airport environmental initiatives. Much of the information was derived from searches of state government websites. The chapter includes a brief discussion of the use of these websites as a resource, followed by generally applicable considerations. A discussion of programs available to address specific issues then follows. The final section of the chapter is the matrix of state funding opportunities in the form of Table 2.

STATE GOVERNMENT WEBSITES

All state and territorial governments maintain websites with information on and links to individual agency websites. Each website was initially found by a search on a state name, followed by the words “state government”—for example, “Alabama state government.” Once the main state government website was obtained, it was possible to find alphabetical listings of state agencies, usually accompanied by links to their individual websites.

In general, comparable agencies in the various states provide environmental funding for similar purposes. Most prominent are departments of environmental control, environmental management, or similar agencies, as reflected in Table 2. Departments of natural resources are also typically involved, and agriculture departments sometimes provide funding for environmental initiatives. There are exceptions to the general practice; for example, in California funding for emission reduction initiatives is administered by the California Air Resources Board. In Colorado, the Pollution Prevention Advisory Board provides financial assistance for recycling programs.

Some state websites include a separate listing for grant or financial assistance opportunities. Although these links purport to be comprehensive listings of grants, the study revealed that most states’ funding opportunities that were not listed through their grants links.

The ease of finding grant opportunities on departmental websites varies substantially from state to state. Some state agencies have a link to grants on their home page. Figure 2 presents a screen shot of the Arizona Department of Environmental Quality. As shown, there is a direct link to assis-

tance programs on the left-hand side of the screen. For other states it was necessary to conduct additional searches from an agency’s home page.

Finally, some state agency websites provide information or links to other financial assistance programs; for example, the Minnesota Department of Natural Resources site for flood hazard mitigation grants (http://www.dnr.state.mn.us/grants/water/flood_hazard.html) provides information on related programs and programs offered by other agencies.

GENERAL CONSIDERATIONS

- **Uncertain funding**—State programs are subject to annual appropriation (or biannual in a few states). Funding for specific programs is uncertain especially in the current economic climate. As noted in some instances in Table 2, funds for some programs are not currently available.
- **Variable schedules**—Even when funds are appropriated, variations in the schedule of appropriation legislation and agency administrative processes may lead to variations in schedules for soliciting applications and filing applications. It is important to monitor state websites for the posting of funding opportunities and RFPs. Some state programs provide a means to sign up for automatic notices and updates. For airports considering participating in a particular program, the automated update process would ease the burden of monitoring for new opportunities.
- **Federal funds administered through states**—Some federal funds flow through state programs. Financial assistance under Section 319 of the Clean Water Act [Pub. L. 92-500, §319(h)] is one example. Some brownfield program funds also originate with the federal government. When states provide sub-grants to local communities and governments, the funds may be subject to federal requirements for grants as well as state requirements.
- **Partnering with other governments**—Some programs for which local governments are legally eligible, for example water quality programs, may be oriented to special purpose governmental entities, such as water districts. Partnering with such organizations may enhance an airport’s access to these programs. In other cases, minimum funding requests may exceed the needs of a single

TABLE 2
ENVIRONMENTAL FUNDING OPPORTUNITIES UNDER STATE PROGRAMS

State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Alabama	Alabama Department of Environmental Management (ADEM), Recycling Funds Grant Program	Recycling, solid waste	New recycle programs Enhance existing recycle programs Eligible applicants— Local governments or local government nonprofit authorities	Solid Wastes & Recyclable Materials Management Act ADEM Administrative Code 335-13-10 ADEM Materials Management Section, (334) 271-7988 recycling@adem.al.state.us	Complete ADEM Form 9, the <i>Alabama Recycling Grant Application</i> , available at www.adem.state.al. us	March 1— applications due	Applications and projects must meet Alabama Recycling Fund Grants Program Regulation, ADEM Administrative Code 335-13-10 Semiannual progress reports to support payment requests	Jurisdictions without recycling programs get priority Multi- jurisdiction agreements also get priority
Alabama	ADEM Non- Point Source (Section 319) Grants	Water quality	Projects for nonpoint source water pollution prevention or reduction Projects required for storm water permits; projects to comply with EPA storm water regulations and projects for end-of- pipe” treatments are ineligible Eligible applicants— Public and private entities	Section 319 of Clean Water Act Pub. L 92-500 <a href="http://adem.alabama.gov/pr
ograms/water/nps/319grant.
cnt">http://adem.alabama.gov/pr ograms/water/nps/319grant. cnt EPA policy and guidance— <a href="http://frwebgate.access.gpo.
gov/cgi-
bin/getdoc.cgi?dbname=20
03_register&docid=fr23oc
03-39.pdf">http://frwebgate.access.gpo. gov/cgi- bin/getdoc.cgi?dbname=20 03_register&docid=fr23oc 03-39.pdf	Grants Local match—40%		Grants must be Continuing Environmental Program Grants Condition for continued operation and maintenance of project Grantee performance reports and annual reports	Most likely airport projects— ground water, urban storm water runoff
Alabama	Department of Conservation & Natural Resources, State Wildlife Grants	Wildlife and habitat	Projects for: <ul style="list-style-type: none">• Protection of native species and habitats• Providing data on species through	<a href="http://www.outdooralabama.
.com/research-
mgmt/State%20Wildlife%
20Grants/SWG-App-Info/">http://www.outdooralabama. .com/research- mgmt/State%20Wildlife% 20Grants/SWG-App-Info/	Federally funded program administered by state. Local matching share at least 50%	March 15— applications due June 15— award announcements	Projects must be completed within 3 years	Seven criteria applied in ranking projects Priority for projects with greatest benefit

(Table 2 continued on the next page)

(This is page 2 of Table 2)

State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			inventory & monitoring			Application must include NEPA compliance checklist and Statement of Assurances		per dollar spent (avoid excessive overhead) Links to criteria, forms and other information available at listed URL
Alaska	Dept. of Environmental Conservation (DEC) Matching Grant Program	Water quality	Projects for water quality enhancements, water treatment facilities, wastewater treatment Eligible applicants—boroughs and municipalities Community must have a sewage disposal system or approved plan to construct one	Alaska Statute (A.S.) 46.03.030 Construction Grants Regulation, 18 AAC 73 www.dec.state.ak.us/water/MuniGrantsLoans/AboutMGL.htm Mike Lewis (907) 269-7616; mike.lewis@alaska.gov	Grants Population < 1,000 85% Population 1,001–10,000 70% Population > 10,000 60% Federal funds may be used for local match, as well as some state funds	Costs incurred up to 120 days before grants are eligible Grant offers withdrawn after 180 days if not accepted Application form at: www.dec.state.ak.us/water/munigrant/pdfs/mmg_app.pdf	Program procedures and requirements contained in Construction Grants Regulation, 18 AAC 73 Plans and specs must be approved before construction starts Competitive bidding required Project must start within one year of grant offer Grantee must maintain accounts and records and separate eligible from ineligible costs	Links to previously funded projects available at listed URL
Alaska	DEC, Division of Spill Prevention and Response, Alaska Brownfields Program	Brownfields, hazardous waste	Environmental Site Assessments (ESAs) of Brownfield sites needed for cleanup and reuse plans Eligible applicants—State and local entities	http://www.dec.state.ak.us/spar/csp/brownfields.htm John Carnahan (907) 451-2166; John.Carnahan@alaska.gov	It appears that state fully funds ESAs	Applications are received annually		

(Table 2 continued on the next page)

(This is page 3 of Table 2)

State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				<p>Sonja Benson (907) 451-2156; Sonja.Benson@alaska.gov</p> <p>Debra Williams (907) 451-5174; deborah.williams@alaska.gov</p>				
Alaska	DEC, Air Quality Division Air Quality Improvement Grants	Air quality	Projects to control air emissions or for development and administration of air quality control programs	<p>A.S. 46.14.535</p> <p>Requirements for Receipt and Distribution of Financial Aid, 18 AAC 54</p> <p>http://www.dec.state.ak.us/air/ap/docs/18AAC54AirGrantRegulations.5-25-10.pdf</p> <p>Scott Sloane (907) 465-5176; scott.sloane@alaska.gov</p>	Grants	Solicitation of applications through Alaska Online Public Notice System		<p>This appears to be a new program not yet in effect</p> <p>Regulation appears to be proposed, with a final rule not yet adopted.</p>
Alaska	DEC, Air Quality Division Clean Diesel Grant Program, State Clean Diesel Grants	Air quality Emission reduction	<p>Projects to reduce vehicle emissions</p> <p>Eligible vehicles include busses, medium and heavy duty trucks, cargo handling equipment, and energy production equipment</p> <p>Eligible applicant—</p> <p>Regional, state, local, or tribal agency or port authority with authority over transportation or air quality</p> <p>Nonprofits involved in pollution reduction or promotion of transportation air quality</p>	<p>http://www.dec.state.ak.us/air/anpms/dg/dghome.htm</p> <p>Paul O'Neel 907-269-7695; paul.oneel@alaska.gov</p>	Grants			<p>Restrictions on funding include:</p> <ul style="list-style-type: none"> • Compliance with EPA mandates ineligible (exceeding mandates or beating EPA deadline eligible) • Fueling infrastructure ineligible • Engine rebuild eligible costs limited to incremental cost of adding clean diesel components

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								Link to information on past grants available at listed URL
Alaska	December Alaska Clean Water Actions (ACWA) Grants	Water quality	<p>Projects for:</p> <ul style="list-style-type: none"> • Water stewardship • Restoration, ACWA high priority waters • Protection, ACWA high priority waters 	<p>Administrative Order 200</p> <p>http://www.dec.state.ak.us/water/acwa/acwa_index.htm</p> <p>http://www.dec.state.ak.us/water/acwa/pdfs/ACWAGrantAppend/AppendixE.pdf</p>	<p>Grants</p> <p>Program includes federal funds</p> <p>Local match requirement varies by federal source of funds</p> <p>Minimum local rate—33% (Sustainable Salmon Funds)</p> <p>Maximum local Rate—50% (Section 310N funds)</p> <p>Online applications through December Water Online Application System—Requires a myAlaska account</p>	<p>January—Solicit applications</p> <p>February—Applications due</p> <p>March—Announce awards</p> <p>April—work plans and budgets due from grantees</p> <p>May—Grant offers to recipients</p> <p>June—Execute grants</p>	<p>MBE and WBE participation requirements for each of services, supplies, and equipment</p> <p>Advance payments allowed, based on a payment schedule</p> <p>Insurance requirements</p> <p>Quarterly reports on expenditures</p>	Links to lists of previously funded projects, including recipient contact information available at listed URL
Arizona	Department of Environmental Quality (DEQ) Solid Waste Recycling Grant Program	Waste recycling	Eligible applicants—Private companies, non-profits, and local jurisdictions contributing to the recycling fund through landfill disposal fees	<p>Arizona Solid Waste Recycling Act of 1990 (see A.R.S. 49.831 et seq.)</p> <p>http://www.azdeq.gov/environment/waste/solid/funding.html#manual</p> <p>http://www.azdeq.gov/environment/waste/solid/download/rfgamannual.pdf</p> <p>http://www.azdeq.gov/environment/waste/solid/download/recyclingfacts.pdf</p>	Grant funds not available through FY 2011	Grant funds not available through FY 2011		Grant funds not available through FY 2011

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Arizona	DEQ Brownfields Assistance Program	Brownfields, hazardous waste	<p>Projects for Phase 1 or Phase 2 ESA and cleanup</p> <p>Site must have suspected hazardous material, but cannot be a Superfund site</p> <p>Redevelopment plan must show economic or community benefit</p> <p>Eligible applicants—local governments or nonprofits</p>	<p>http://www.azdeq.gov/environment/waste/cleanup/brownfields.html</p> <p>Julie Bowles (602) 771-4170; jb6@azdeq.gov</p> <p>Linda Mariner (602) 771-4294; lph@azdeq.gov</p>	<p>Grants</p> <p>Local match—0</p>	<p>Funding becomes available at the beginning of each fiscal year</p> <p>There is no deadline for applications, but DEQ processes request on first-come basis</p> <ul style="list-style-type: none"> • Complete Arizona Smart-Growth Scorecard <p>http://www.azcommerce.com/doclib/smartgrowth/scorecard/smartgrowthscorecard.pdf</p> <ul style="list-style-type: none"> • Submit funding request and application form <p>http://www.azdeq.gov/environment/waste/cleanup/download/bsrgapp.pdf</p>	<p>Quarterly reports</p> <p>Note: DEQ can serve as project manager, relieving community of post-award responsibilities</p>	<p>DEQ must obtain EPA approval before executing service contract for project</p> <p>Link to descriptions of Arizona Brownfield successes available at listed URL</p> <p>List of brownfield grants available at: http://www.azdeq.gov/environment/waste/cleanup/download/bfsitelist.pdf</p>
Arizona	DEQ County and Municipal Tank Closure Program	Petroleum storage tanks	<p>Projects to remove abandoned or orphaned underground storage tanks</p> <p>Eligible applicants—Cities, towns, and unincorporated county areas with less than 15,000 population</p>	<p>http://www.azdeq.gov/environment/waste/ust/saf/download/0603.pdf</p> <p>http://www.azdeq.gov/environment/waste/ust/muni.html</p> <p>Michael Latin (602) 771-4308; mrl@azdeq.gov</p>			<p>Note: State carries out the removal and reimburses applicant for application costs</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Arizona	DEQ Targeted Watershed Improvement Projects	Water quality	DEQ administered program of EPA grants under §319 of Clean Water Act Projects required for NPDES or AZPDES Permit not eligible Eligible applicants— all public and private entities	Clean Water Act, §319 Pub. L. 92-500 A.R.S. Title 41, Chapter 24 http://www.azdeq.gov/ environ/water/watershed/ download/cycle12.pdf http://www.azdeq.gov/ environ/water/watershed/ improvement.html Kym Holloway (602) 771-4691; holloway.kym@azdeq.gov	Grants Local match—40%	November— Requests for applications January 19— Pre-application –Application deadline (mandatory) March 5— Final application deadline July—Awards announced Pre-application and application submitted in hard copy and electronically (CD)	Pre-application is required Completion of Smart Growth Scorecard Required Two year project—Year 1, develop plan; year 2, carry out plan Technical support available from University of Arizona NEMO and MWS programs. Other technical support ineligible, unless NEMO and MWS resources inadequate Quarterly budget and progress reports DEQ approved monitoring plan Final report	Funding emphasis on priority watersheds or sub-sheds where planning activities already took place Links to lists of previous grants available at second listed URL
Arizona	Department of Transporta- tion, Aeronautics Division, Airport grants and loan program	Airport planning and development	Projects for airport planning and development, including: <ul style="list-style-type: none">• Environmental mitigation• Noise compatibility programs	A.R.S. 28-802 http://www.azdot.gov/MPD /Airport_Development/PDF /Grants101_presentation_pdf form.pdf http://www.azdot.gov/MPD /Airport_Development/PDF /Grants202Final.pdf	Grants Local match— ½ local matching share of AIP funded project (generally 2.5%) 90% of state-only projects at AZ	Application process similar to (AIP) Airport Improvement Project	Project contracting and certification/ assurance requirements similar to AIP QBS required for certain consulting contracts	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<ul style="list-style-type: none"> • Matching share for AIP • Eligible applicants— Publicly owned airports 	<p>http://www.azdot.gov/MPD/Airport_Development/grants.asp</p> <p>http://mpd.azdot.gov/MPD/Airport_Development/airports/dev_plan_fiveyear_ov.asp</p> <p>Michael Klein, Airport Development Program Administrator, 602.712.7647; maklein@azdot.gov</p>	<p>designated primary airports</p> <p>95% of state-only projects at AZ designated secondary projects</p>		<p>Grant must be executed within 4 months of offer</p> <p>Project must commence within one year</p>	
Arkansas	Department of Aeronautics, State Airport Aid Program	Airport development and planning	<p>Projects for airport planning and development</p> <p>Eligible applicants— Publicly owned airports</p>	<p>http://www.fly.arkansas.gov/Home/ADAGrantApplication2009.pdf</p> <p>(501) 376-6781</p>	<p>Grants</p> <p>Local match—</p> <p>Up to full local match on AIP funded projects</p> <p>50%, 80%, 90%, or 100% on state-funded projects</p> <p>Dollar caps on state participation in addition to percentage limits</p>	<p>Applications accepted continuously</p> <p>Applications reviewed monthly by Department of Aeronautics Commission</p> <p>Review process may include on-site review</p>	<p>Applications must include preliminary plans and specifications</p> <p>Partial reimbursement after project 50% complete. Remainder paid on completion of project</p> <p>Projects must start in three months</p> <p>Projects must be completed in one year</p> <p>State-funded Grants—full documentation of payments (invoices and cancelled checks)</p> <p>For in-kind contribution— daily in-kind report</p> <p>For AIP funded project copy of FAA payment request documents</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Arkansas	Department of Environmental Quality (DEQ), Solid Waste and Recycling Grants Program	Waste recycling	<p>Projects to support recycling programs and waste reduction</p> <p>Eligible costs include:</p> <ul style="list-style-type: none"> • Administrative costs (dollar limits) • Composting equipment • Material recovery facilities • Recycling equipment (if current equipment inadequate) • Solid waste planning • Transfer stations with recycling • Recycling programs <p>Eligible applicants include—Cities and counties</p> <p>Solid waste authorities</p> <p>Public/private partnerships</p>	<p>Solid Waste Management and Recycling Fund Act, A.C.A. §8-6-601 <i>et. seq.</i></p> <p>http://www.adeq.state.ar.us/solwaste/branch_recycling/grants.htm</p> <p>http://www.adeq.state.ar.us/solwaste/branch_recycling/pdfs/grant_guidance.pdf</p> <p>Contact information included in document on website above</p> <p>Robert Hunter (501) 682-0814; hunter@adeq.state.ar.us</p>	<p>Grants application process</p> <ul style="list-style-type: none"> • Request pre-application; determine eligibility • Submit pre-application • DEQ determines eligibility, returns pre-applications to Regional Solid Waste Management Districts (RSWMD) • RSWMD prioritize projects and submit complete applications to DEQ 	<p>January 31—grant round opens</p> <p>May 1—allocation of funds, pre-applications due</p> <p>July 1—complete applications due</p> <p>August 1—annual report on grant activities due</p>	<p>Project must be started before due date for next round of applications.</p> <p>Project must be completed within 3 years</p> <p>Interest on grant funds must be applied to program</p> <p>Annual project updates including:</p> <ul style="list-style-type: none"> • Progress on project • Amount of grant funds spent • Tonnages collected • Revenue from sale of recyclables 	<p>Program goal to increase state recycling rate by encouraging new or improved local waste reduction and recycling programs</p>
Arkansas	Arkansas DEQ, Petroleum Storage Tank Trust Fund	Petroleum release	<p>Assists tank owners with costs of corrective actions for accidental releases from petroleum storage tanks, including third-party liability</p> <p>Eligible applicants—Owners of underground tanks of 110 gallon capacity or more or above ground tanks with capacity of 1,320-40,000 gallons</p>	<p>Arkansas Legislative Assembly Act 173 (1989)</p> <p>Arkansas Regulation 12, http://www.adeq.state.ar.us/regs/files/reg12_final_091228.pdf</p> <p>http://www.adeq.state.ar.us/rst/branch_programs/trustfund.htm</p> <p>Wanda Paes (501) 682-0981</p>	<p>Equivalent of insurance</p> <p>No percentage local share, but deductible amounts</p> <p>\$7,500 deductible for spill response</p> <p>\$7,500 deductible for third party injury or damage</p>	<p>No specific timeline, but only expenses after notice of release to DEQ are eligible</p>	<p>Tank must be registered with DEQ and all tank fees paid</p> <p>Owner must give timely notice of release to DEQ</p> <p>Owner must cooperate with DEQ in corrective action</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							<p>Approved corrective action plan required</p> <p>Maintain records showing financial capacity to meet deductible</p> <p>Maintain financial records showing eligibility requirements met and to permit audits</p> <p>Expenditures subject to audits</p>	
Arkansas	Arkansas Game and Fish Commission, State Wildlife Grants	Wildlife habitat	<p>Projects to support Arkansas Wildlife Action Plan, including:</p> <ul style="list-style-type: none"> Habitat stewardship Habitat restoration <p>Priority for projects that:</p> <ul style="list-style-type: none"> Match priorities of Wildlife Action Plan Raise the profile of the Wildlife Action Plan <p>Eligible applicants—State agencies, nonprofits, universities, citizen groups and citizens</p>	<p>http://www.wildlifearkansas.com/grantapplication.html (program information)</p> <p>www.wildlifearkansas.com/materials/2007%20SWG%20Guidelines.pdf (federal program requirements)</p> <p>http://www.wildlifearkansas.com/materials/Attachment A.pdf (priorities)</p> <p>Jane Anderson, Assistant Chief, Wildlife Management Division 501-223-6350; jeanderson@agfc.state.ar.us</p>	<p>Grants</p> <p>Local match—35%</p>	<p>January—proposals due</p> <p>February—comments on proposals due</p> <p>July—approval by Game and Fish Commission</p> <p>Fall—approval by U.S. Fish and Wildlife Service</p> <p>Application process includes comment procedure on proposals</p> <p>Applications submitted by e-mail</p>	<p>Projects must be completed within two years</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
California	California Air Resources Board (CARB) Hybrid Truck and Bus Voucher Incentive Program (HVIP)	Air quality, emissions	Funding for purchase of hybrid busses and trucks Eligible applicants— Fleet owners and operators in California Limit of 100 vehicles per fleet	California Alternative and Renewable Fuel, Vehicle Technology, Clean Air, and Carbon Reduction Act of 2007 (Assembly Bill (AB) 118, Statutes of 2007, Chapter 750), http://www.californiahvip.org/ http://www.californiahvip.org/docs/HVIP_ImplementationManual.pdf	Vouchers \$10,000–\$45,000 voucher amounts (based on vehicle weight), bonus for CARB certification and first vehicle in fleet Vouchers cover ½ of incremental cost of hybrid vehicle over conventional	Applications continuous on first come, first-served basis Purchase eligible vehicle from qualified dealer Dealer submits voucher application	Vehicles must operate in state for three years Prior approval of state required for sale	
California	CARB Zero Emission and Plug-In Hybrid Light Duty Vehicle (Clean Vehicle Rebate Project)	Air quality, emissions	Rebate program for purchase or lease of qualifying plug-in hybrid or zero emission vehicles Battery, fuel cell, or plug-in hybrid electric vehicles Zero emission motorcycles Electric neighborhood vehicles Vehicles must be new and purchased on March 15 or later Eligible applicants— Individuals, businesses, public agencies and entities, and nonprofits	California Alternative and Renewable Fuel, Vehicle Technology, Clean Air, and Carbon Reduction Act of 2007 (AB 118, Statutes of 2007, Chapter 750) http://www.arb.ca.gov/msprog/aqip/cvrp.htm www.cvrp.energycenter.org http://www.arb.ca.gov/msprog/aqip/cvrp/final_manual.pdf Stella Ling-Taylor (916) 322-6369; slingtay@arb.ca.gov Johanna Levine (916) 324-6971; jlevine@arb.ca.gov	Rebates Up to \$5,000 rebate for zero emission or plug-in light duty vehicles Rebate amount limited to 10% of MSRP or ½ incremental cost of zero emission technology Maximum rebate— \$20,000 Rebate can be combined with other incentives, but combined incentives cannot exceed total incremental cost	Applications continuous on first-come first-serve basis Applications filed at any time during purchase or lease transaction Administered by California Center for Sustainable Energy (CCSE) Applications processed on-line at www.cvrp.energycenter.org (site includes information on eligible vehicles)	Program administrator reserves funds upon receipt of application Full documentation of purchase must be submitted within 14 days of application Purchased vehicles must be kept a minimum three years Minimum lease term three years Minimum warranty requirements (vary by vehicle type) For commercial vehicles, annual usage surveys required for three years	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Emission reductions cannot be marketed as credits or used to comply with regulatory or permitting requirements Projects subject to review and audit by CARB	
California	CARB Hybrid Off-road Equipment Pilot Program	Air quality, emissions		California Alternative and Renewable Fuel, Vehicle Technology, Clean Air, and Carbon Reduction Act of 2007 (AB 118, Statutes of 2007, Chapter 750) Joe Calavita (916) 445-4586; jcalavit@arb.ca.gov				New program, details not available
California	California Alternative Energy and Advanced Transportation Financing Authority (CAEATFA) Qualified Energy Conservation Bonds	Emissions, energy	Low interest bond financing to promote use of alternative energy and energy efficiency Eligible projects include: <ul style="list-style-type: none"> • Capital projects to reduce energy consumption in public buildings by 20% • Mass commuting facilities that reduce consumption of energy • Demonstration projects promoting green building technology 	Heather Williams (916) 651-8157; hwilliams@treasurer.ca.gov	Low interest loan program. Reduced rates achieved through issuance of tax credit bonds—providing bondholder with an interest subsidy on federal tax liability CAEATFA acts as conduit for applications and for loan funds		Federal Davis–Bacon prevailing wage rate requirements must be followed	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— municipalities and counties with at least 100,000 population					
California	Office of Historic Preservation California Heritage Fund	Historic, cultural resources	Funds to preserve sites demonstrating: <ul style="list-style-type: none"> • Significant aspects of California life, including transportation • California industrial, commercial, and military history 	California Clean Water, Clean Air, Safe Neighborhood Parks, and Coastal Protection Act of 2002 (Proposition 40) http://ohp.parks.ca.gov/pages/1074/files/state.pdf http://www.library.ca.gov/grants/cche/ http://ohp.parks.ca.gov/pages/1074/files/state.pdf	Grant program			Link to list of past projects (with access to project contacts) available at second listed URL
California	California Natural Resources Agency, Sierra Nevada Conservancy (SNC) Proposition 84 Grants Program	Watershed preservation, restoration	Projects that protect or restore rivers, lakes, streams, and their watersheds Grants given for site acquisition/improvement and for planning of those projects Eligible applicants— Local or state agencies, public universities, Indian tribes, 501(c)(3) nonprofits	The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coast Protection Bond Act of 2006 on November 7, 2006 (Proposition 84) http://www.sierranevadacnservancy.ca.gov/grants.html http://www.sierranevada.ca.gov/docs/FY10-11_GrantGuidelines.pdf http://www.sierranevada.ca.gov/docs/dev_res_agmt.pdf Lisa Forma (530)823-4688; lforma@sierranevada.ca.gov	Grant program Information on state and local shares not included, but leveraging of state funds identified as a performance measure	September 13— Applications due March— Applications awarded Pre-applications recommended One original, two paper copies (bound) and one electronic copy required	Projects may be subject to environmental review under CEQA and NEPA Projects must be completed and invoiced within 3 years of award of grant SNJC may require public acknowledgment of grant through signage Periodic progress reports and final report Comply with state prevailing wage law on “public works” project	Link to grant data base available at first listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Maintain and operate project for at least 10 years 10% of payment requests withheld by SNC as final payment Recordkeeping, accounting and audit requirements	
California	Recycling Division Beverage Container Recycling Grants	Waste recycling	Projects to provide convenient beverage recycling opportunities in California Eligible applicants— All types of individuals and entities, including local governments	Public Resources Code (PRC), Division 12.1, Chapter 7, Section 14581(a)(6). http://www.calrecycle.ca.gov/BevContainer/Grants/BevContainer/08_09Solicit.pdf http://www.calrecycle.ca.gov/BevContainer/Grants/BevContainer/default.htm http://www.calrecycle.ca.gov/BevContainer/Grants/BevContainer/QandA.pdf	Grants	April 1— Solicitation for concept packages released May 16— Concept packages due June 20— Invitation to develop full Phase 2 packages August 15— Phase 2 packages due Two step process: 1. Submit concept package 2. Division invites Phase 2 full applications after reviewing concept packages	Competitive bids for purchases Record keeping and audit Payment requests at 30-day intervals or longer Periodic and final reports, including volume of recycled material achieved Various state and federal requirements for grants	Program is not currently funded Link to list of prior grants available at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						A waste assessment or audit is recommended before submitting concept package		
California	State Water Resources Control Board, Federal 319 program	Water quality	<p>Projects to control activities that reduce beneficial use of state waters and to reduce discharge of pollutants</p> <p>Eligible projects:</p> <ul style="list-style-type: none"> • reduce pollutant load in impaired waters; • are part of watershed plans; and • must ensure continued operation and maintenance of proper management practices <p>Activities required under a NPDES permit are ineligible</p> <p>Eligible applicants—State and local government agencies, Indian tribes</p>	<p>http://www.waterboards.ca.gov/water_issues/programs/grants_loans/319h/index.shtml#ref</p> <p>http://www.waterboards.ca.gov/water_issues/programs/grants_loans/319h/docs/2008_319h_faqs.pdf</p> <p>http://www.waterboards.ca.gov/water_issues/programs/grants_loans/319h/docs/2008/2010guidance.pdf</p> <p>Patricia Leary 916 341-5167; pleary@waterboards.ca.gov</p> <p>Melenee Emanuel 916 341-5271; memanuel@waterboards.ca.gov</p>	<p>State share—75% maximum</p> <p>Two step application process:</p> <ol style="list-style-type: none"> 1. Concept proposal 2. Full proposals <p>Concept proposals submitted on-line through State Water Board FFAST system (https://faast.waterboards.ca.gov/)</p> <p>Full proposals submitted by invitation following ranking of concept proposals</p>	<p>November 9—Solicitation notice</p> <p>December 7—Concept proposals due</p> <p>January 22—Invitations for full proposals</p> <p>March 3—Full proposals due</p> <p>May—State water board approves grants</p> <p>June—Grant agreement executed</p>	<p>Project must be completed in three years</p> <p>Grants paid out on reimbursement basis—no advance funding</p> <p>Only work done during term of grant is eligible</p>	Water Board establishes priorities for each water shed in state annually
California	State Water Resources Control Board Clean Water State Revolving Fund Financing	Water quality	<p>Projects for:</p> <ul style="list-style-type: none"> • Sewers • Wastewater treatment • Storm water treatment 	<p>Clean Water Act Pub. L. 92-500</p> <p>http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/index.shtml</p> <p>http://www.waterboards.ca.gov/water_issues/programs</p>	<p>Low interest loans</p> <p>Interest rate—½ current GO bond rate</p> <p>\$50 million maximum per agency per year</p>	<p>Continuous application</p> <p>Complete FFAST process</p> <p>Apply for loan with Financial</p>	<p>20-year term</p> <p>30-year term for small disadvantaged communities</p> <p>Repayment begins one year after loan</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Local government agencies and Indian tribes	/grants_loans/srf/srf_forms. shtml CleanWaterSRF@waterbo ards.ca.gov; (916) 327- 9978		Assistance Application		
California	Department of Transportation (CALTRANS) Airport Financial Assistance Programs	Airport planning and development	Annual Credits— limited to GA airports; \$10,000 per airport for any purpose AIP Matching Grants—limited to GA and reliever airports; maximum grant 5% of project Acquisition and Development (A&D) Grants—GA, reliever, and commercial service airports. Also, airport land use commissions for preparing airport land use compatibility plans Grants to airports limited to projects in approved CIPs	California Public Utilities Code §§ 21682, 21683, 21683.1 California Code of Regulations (CCR) Title 21, Division 2.5, Chapter 4 http://www.dot.ca.gov/hq/ planning/aeronaut/document /StateDollarsForAirport 2009.pdf www.dot.ca.gov/aeronautics ; 916/654-4959	Annual Credits—no local match AIP Matching Grants—Currently 2.5% of project cost (airport must pay 2.5% of project cost to fulfill 5% AIP local match) A&D grants 10% local match Annual Credits— credited to airport’s account annually once airport certifies eligibility	No dates specified AIP matching grants— application processed after airport has submitted a CIP CALTRANS showing the project and after the airport has received an AIP grant A&D grants awarded after airport submits its CIP to CALTRANS; CALTRANS includes the project in its CIP and CALTRANS has evaluated airport’s request compared with other requests	Must use CA forms (available on Department of Aeronautics website) for payment requests If airport closes for more than one year, a portion of funds from all three programs must be repaid	
Colorado	Department of Agriculture Noxious Weed Management Fund	Habitat, native vegetation	Projects for control or eradication of noxious weeds Eligible applicants— Local communities, weed control districts, and private entities eligible	http://www.colorado.gov/ cs/Satellite/Agriculture- Main/CDAG/11783057172 15 Kelly Uhing (303) 239- 4173; kelly.uhing@ag.state.co.us	Grant program 67% local matching share Maximum grant— typically \$20,000	March 26— Applications due April 9— Announcement of funding decisions	Grants paid on reimbursable basis at completion of project Final project completion report before expiration of agreement	Priority for: <ul style="list-style-type: none">• “List A and List B” species eradication• Management orientation

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Joint proposals from multiple jurisdictions encouraged			Original and five copies of complete application packet submitted by mail, with copy of application form only submitted by e-mail		<ul style="list-style-type: none"> Counties participating in state survey efforts Link to past grants available at listed URL
Colorado	Department of Public Health and Environment Brownfield Site Assessment Program	Brownfield sites, hazardous waste	Brownfield Site Assessment Projects Eligible applicants—any entity, but costs for privately owned sites may be recovered by state	http://www.cdphe.state.co.us/hm/rpbrownfields.htm#assessment http://www.cdphe.state.co.us/hm/rpbrownfieldsapp.pdf Mark Rudolph (303) 692-3311	State staff or contractors perform site assessment	Continuous Submit application to department program office	Applicants must show assurance of future redevelopment of site including: <ul style="list-style-type: none"> Public control of property Redevelopment plan Cleanup funding sources 	Links to past projects available at first listed URL
Colorado	Pollution Prevention Advisory Board (PPAB) Pollution Prevention Grants	Hazardous waste		C.R.S. Section 25-16.5-107 http://www.cdphe.state.co.us/oeis/p2_program/p2grants.html				Funds rarely available for this program
Colorado	PPAB Recycling Resources Economic Opportunity Program	Waste recycling	Funds for starting or expanding a recycling program Eligible applicants—for profit and nonprofit schools; government agencies	http://www.cdphe.state.co.us/oeis/p2_program/rreogrants.html	Local match not required, but is a positive factor in evaluation	January—Application offered July—projects must start		Summaries of prior grants and projects available at listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Colorado	Department of Transportation, Division of Aeronautics (CDOA), Discretionary Aviation Grants	Airport planning and development	Maintenance, capital equipment, and development projects Eligible applicants—public use airports	C.R.S 43-10-103 through 43-10-116 http://www.coloradodot.info/programs/aeronautics/AviationGrants http://www.coloradodot.info/programs/aeronautics/PDF_Files/GrantManagementManual_v2 David C. Gordon, A.A.E., Director 303.261.4418; david.gordon@dot.state.co.us	For local state grants, state share is 80% For AIP funded grants, state pays ½ matching share (2.5% for a 95% federal AIP grant)	Specific timelines and dates not included on website Airport updates CIP annually and submits to CDOA After completion of CIP process, CDOA solicits grant applications Applications reviewed by CAB in annual grants hearing	Grants on reimbursement basis Airport must wait for CDA Notice to Proceed before commencing work Grantee must follow its local bidding rules Grants have three year life, but extensions can be granted	Program administered by Colorado Aeronautical Board (CAB) Links to prior grants available at first listed URL
Connecticut	Connecticut Clean Energy Fund (CCEF), Solar On-Site Renewable Distributed Generation Program	Energy, emissions	Incentives for installation of Onsite Renewable Distributed Generation systems on commercial buildings Public buildings included	http://www.ctcleanenergy.com/Portals/0/WebsiteMemoOSDGSolar.pdf http://www.ctcleanenergy.com/default.aspx?tabid=95				Note: Program currently suspended
Connecticut	CCEF Solar Thermal Incentives	Energy, emissions	Incentives for installation of solar water heating systems Public buildings included	www.ctcleanenergy.com/solarthermal http://www.ctcleanenergy.com/Portals/0/CCEF Solar Thermal Incentive Program.pdf http://www.ctcleanenergy.com/YourBusinessor Institution/SolarThermal IncentiveProgram Commercial/tabid/519/ Default.aspx	Rebate of installation costs. Incentive amount based on system output. Maximum incentive for government installation is \$82,500 Applications may be submitted electronically or by mail	Continuous application process CCEF completes review of application in 30 days	System must be installed within six months of application approval Must be installed by an eligible installer (list of installers available on website) Project may be designated as a solar tour site	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				Bill Colonis, Program Manager (860) 257-2888; bill.colonis@ctcleanenergy. com	Incentive paid after installation of system		Contractors must comply with prevailing wage rates under Davis– Bacon Act Projects are subject to Buy America Act (if installed on public building) Standard CT state contracting requirements	
Connecticut	CCEF Geothermal Heat Pump Incentive	Emissions, energy	Incentives for installation of geothermal heat pumps (GHPs) in new construction or retrofit Public buildings eligible	http://www.ctcleanenergy.com/Portals/0/GSHP Program Description Rev65-10-10.pdf www.ctcleanenergy.com/ geothermal Dave Ljungquist; info@ctcleanenergy.com	Rebate of cost of system Rebate amount based on system capacity. Maximum payout is \$500,000	Applications on first-come, first- serve basis	Buildings must meet current CT standards for energy efficiency Projects must be completed within 1 year of approval Must use accredited or certified installer. List available at http://www.igshpa .okstate.edu/direct ory/directory.asp GHP must be primary heating source. Cannot be supplemented with electric resistance heating System must be closed loop Davis–Bacon prevailing wage requirements	Funds provided under ARRA; funding after 2012 is uncertain

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Buy America requirements for public buildings	
Connecticut	Department of Environmental Protection (DEP) Diesel Reduction Projects	Emissions	<p>Diesel emission reduction projects that:</p> <ul style="list-style-type: none"> • Expedite economic recovery • Facilitate job creation or preservation <p>Eligible projects consist of:</p> <ul style="list-style-type: none"> • Early replacement/repower with certified engine configurations • Verified idle reduction technologies • Verified retrofit technologies • Technologies from EPA emerging technologies list <p>Eligible applicants— All persons and entities</p>	<p>http://www.ct.gov/dep/lib/dep/air/diesel/docs/diesel-emissionsreduction-letterandapplication.pdf</p> <p>http://www.ct.gov/dep/cwp/view.asp?a=2684&q=322100&depNav_GID=1619</p>	Grants			Links to sample applications available at second listed URL
Connecticut	DEP Clean Water Fund (CWF)	Water quality	<p>Funding for water pollution control activities, including:</p> <ul style="list-style-type: none"> • Water pollution control • Sewage treatment plants and upgrades • Nutrient removal projects affecting Long Island Sound 	<p>http://www.ct.gov/dep/cwp/view.asp?a=2687&q=322344&depNav_GID=1511</p> <p>http://www.ct.gov/dep/cwp/view.asp?a=2719&q=325578&depNav_GID=1654</p> <p>Susan Hawkins (860) 424-3325; susan.hawkins@ct.gov</p>	Grants and loans	Continuous	Funds awarded as funding becomes available	<p>Program financed in part with federal funds</p> <p>Federal administrative requirements may apply, but not discussed on websites</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<ul style="list-style-type: none"> Nonpoint source projects affecting Long Island Sound 					
Connecticut	DEP Petroleum Cleanup Program	Petroleum release	<p>Cleanup of federally regulated petroleum underground storage tanks (heating oil tanks ineligible)</p> <p>All state-owned tanks eligible</p>	<p>http://www.ct.gov/dep/cwp/view.asp?a=2717&q=435126&depNav_GID=1652</p> <p>http://www.ct.gov/dep/cwp/view.asp?a=2717&q=432558&depNav_GID=1652</p> <p>http://www.ct.gov/dep/cwp/view.asp?a=2717&q=431298&depNav_GID=1652</p>	<p>Comparable to insurance</p> <p>\$10,000 deductible</p> <p>\$1 million maximum per release</p>	<p>Continuous</p> <p>Application process:</p> <ol style="list-style-type: none"> 1. Perform investigation/remediation 2. For active tanks, obtain compliance evaluation and take any corrective actions recommended 3. Collect and organize invoices and supporting documentation 4. File application <p>After receipt of application DEP staff work with claimant on final summary of claim, which is submitted to UST Cleanup Review Board at bimonthly meetings</p>	<p>Additional documentation required when using a Licensed Environmental Professional, before filing application</p>	
Delaware	Department of Natural Resources and Environmental Control (NREC), Soil and Water	Water quality	<p>Grants to landowners to improve water quality</p> <p>Local governments and Indian tribes eligible</p>	http://www.swc.dnrec.delaware.gov/district/Pages/319Grants.aspx	40% local matching share; 60% state share	May 24— applications due	<p>Term of grant two years; up to three years to complete project</p> <p>Guidelines for spending federal funds and state</p>	<p>Priority for bodies of water identified as subject to nonpoint source pollution</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Conservation Division, Section 319 funds						contracting requirements apply Semiannual meetings required Semiannual progress reports required Project must include measures of effectiveness	
Delaware	NREC, Water Resources Division	Petroleum release	Remediation, replacement of underground storage tanks Upgrade/retrofit tanks Removal/abandon- ment of tank systems Remediation of contaminated sites Applicant eligibility information not included	http://www.dnrec.state.de.us/water2000/Sections/FAB/FABUSTLoan.htm Jill Hall 302-395-2500; jill.hall@state.de.us	Low interest loans Interest rate—3% Minimum loan— \$5,000 Maximum loan— \$250,000		Loan term—7 to 10 years	
Delaware	Office of Energy, Sustainable Energy Utility (SEU) Energy Plus Program	Emissions, energy	Incentives for energy efficiency upgrades for institutions and nonprofits including: <ul style="list-style-type: none"> • Incentives for equipment purchase • Cost sharing for energy audits • Low interest loans 	http://www.energizedelaware.org/institutions-nonprofit/efficiency-plus-program 877-624-4448 (option 2); energizedelaware@saic.com	Maximum purchase incentive—\$20,000 per facility; \$50,000 per applicant Maximum loan— \$250,000 Energy audit— \$2,000 share Incentive amount based on type of equipment and number purchased		Davis–Bacon prevailing wage rates Buy America requirements Must file application and incentive worksheet for purchase incentive Must file credit application for loan	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Delaware	Office of Green Energy Program	Emissions, energy	Projects for installing green energy systems, including: <ul style="list-style-type: none"> • Photovoltaic electrical systems • Solar water heating • Geothermal • Small wind turbines 	http://www.dnrec.delaware.gov/energy/services/Pages/GreenEnergyProgram.aspx Scott Lynch (302)-735-3480; Scott.Lynch@state.de.us	Grant program Local match depends on type of system and utility providing service to applicant Local match shares range from 50%–75%		Must file grant application and obtain approval Must work through local utility Must use approved contractors Complete installation of project Submit complete documentation to Energy Office	
Florida	Fish and Wildlife Conservation Commission (FWC), Florida State Wildlife Grants Program	Wildlife, habitat conserva- tion	Projects that address conservation needs identified in Florida's State Wildlife Action Plan Eligible applicants— State agencies, local governments, educational institutions, and individuals	http://myfwc.com/WILDLI FEHABITATS/Legacy_grantfunding.htm http://myfwc.com/WILDLI FEHABITATS/Legacy_faqs.htm#apply http://myfwc.com/WILDLI FEHABITATS/Legacy_StrategyDownload.htm (link to Florida State Wildlife Action Plan) http://myfwc.com/docs/WildlifeHabitats/Legacy_Grant_FSWGProgramGuidelines.pdf	Grants Local match—50% Grants range— \$10,000 to \$40,000; average—\$100,000	Timeline established annually FY 2010— anticipate announcement of program in August. Applications due 30 days after announcement Application process information not provided	Projects must comply with federal guidelines Payment made on reimbursement basis Quarterly reporting requirements Final report due three months before end of grant agreement Data collection requirements	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Florida	Energy and Climate Commission (ECC), State Energy Grant Program	Emissions, energy	Projects for energy efficiency and renewable energy technology Eligible applicants—Municipalities, counties, state agencies, utilities, universities, and Florida businesses	Renewable Energy Technologies & Energy Efficiency Act (Senate Bill 888) http://www.myfloridaclimate.com/climate_quick_links/florida_energy_climate_commission/state_energy_initiatives/state_energy_grant_program 850.487.3800 Energy@eog.myflorida.com	Grants			Links to lists of prior grants available at listed URL Note: Program may not be currently active
Florida	ECC, Competitive Grants to Local Governments	Emissions, energy	Grants from Florida's allocation of Energy Efficiency and Conservation Block Grant (EECBG) Funds distributed on discretionary basis to communities not receiving formula funds 1/3 of program funds reserved for small cities and counties	http://myfloridaclimate.com/climate_quick_links/florida_energy_climate_commission/arra_funding_and_opportunities/energy_efficiency_conservation_block_grant_eecbg_30_401_600 850.487.3800 Energy@eog.myflorida.com	Grants			Link to recent project rankings available at listed URL
Florida	ECC, Plug-In Electric Vehicle Conversion Rebate Program	Emissions	Rebates for purchase of kits to convert conventional highway capable hybrid vehicles to plug-in hybrid highway capable vehicles Commercial fleets are eligible	http://myfloridaclimate.com/climate_quick_links/florida_energy_climate_commission/arra_funding_and_opportunities/energy_efficiency_conservation_block_grant_eecbg_30_401_600 http://www.myfloridaclimate.com/climate_quick_links/florida_energy_climate_commission/arra_funding_and_opportunities/energy_efficiency_conservation_block_grant_eecbg_30_401_600/plug_in_hybrid_electric_vehicle_conversion_rebate_program_500_000	\$5,000 rebate per kit	First-come, first-serve until funds depleted		

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				850.487.3800; Energy@eog.myflorida.com				
Florida	ECC, Solar Rebate Program	Emissions, energy	Rebates for purchase and installation of solar energy systems in homes and businesses	http://www.myfloridaclimate.com/climate_quick_links/florida_energy_climate_commission/state_energy_initiatives/solar_rebate_program				Note: program sunset, June 30, 2010
Florida	Department of Environmental Protection (DEP) Total Maximum Daily Load (TMDL) Water Quality Restoration Grants	Water quality	Urban storm water retrofitting projects to reduce storm water pollutant discharge loads Eligible applicants— Local governments and water districts	TMDL Water Quality Restoration Grant Rule, Chapter 62-305 http://www.dep.state.fl.us/water/watersheds/tmdl_grant.htm Borja Crane-Amores 850/245-8425 Borja.CraneAmores@dep. state.fl.us	50% local match required. At least 25% of local match must come from local government	Continuous applications Applications ranked in March, July, and November		Links to previous grants available at listed URL
Florida	DEP, Section 319 Non-point Source Grants	Water quality	Projects to reduce/mitigate nonpoint source water pollution under section 319 of Clean Water Act Projects for implementation and construction eligible Planning, design, engineering and land acquisition ineligible Monitoring, water body assessments, and watershed plans ineligible Eligible applicants— State and local governments and	Section 319 Clean Water Act Pub. L. 92-500 http://www.dep.state.fl.us/water/nonpoint/319h.htm www.dep.state.fl.us/water/nonpoint/319h.htm (Florida Nonpoint Source Management Update) Heather Ritchie 850/245- 8682; heather.ritchie@dep.state.fl. us	Grants Local match—40%	May 21—Project Proposals due to DEP August 31—DEP draft work plan due to EPA September—DEP notifies applicants of status Following summer—EPA anticipates awarding funds; DEP begins work on grant agreements with grantees	Projects must be consistent with action plans in Florida Nonpoint Source Management Program Update Projects must include estimates of annual pollutant load reduction	Link to summary of past grants available at first listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			agencies, public utilities, state water management districts			Applications submitted to DEP. DEP reviews and incorporates selected proposals into draft work plan submitted to U.S. EPA		
Florida	Department of Transportation, Aviation Office	Airport development and planning	<p>Projects for capital development and planning, including noise compatibility and airport economic development</p> <p>Eligible applicants—Publicly owned, public use airports</p>	<p>Florida Statutes, Chapter 332</p> <p>http://www.dot.state.fl.us/aviation/pdfs/2009%20Av%20Proj%20Hndbk%207.1.2009.pdf</p> <p>www.dot.state.fl.us/aviation</p>	<p>Grants</p> <p>Commercial service airports—state provides 50% of local match for AIP grants; state provides up to 50% of costs for non-AIP projects</p> <p>GA airports—state provides 80% of local match for AIP projects; state provides 80% of costs for non-AIP projects</p>		Projects must be consistent with airport’s defined role in Florida Airport System Plan	
Florida	Division of Historical Resources, Historic Preservation Grants	Historical, cultural resources	<p>Projects for:</p> <ul style="list-style-type: none"> • Acquisition and development • Survey and development • Markers <p>Special Category Grants for:</p> <ul style="list-style-type: none"> • Major restoration • Major archeological excavations <p>Eligible applicants—State agencies, local government units,</p>	http://www.flheritage.com/grants/	<p>Small matching grants</p> <p>Local match—50%</p> <p>\$50,000 maximum grant</p> <p>Special category grants</p> <p>Local match—greater of 50% of grant or \$50,000</p>	<p>October 19—Solicitation opens</p> <p>December 18—Applications due</p> <p>March–April—Applications ranked and grants awarded</p>		Link to list of prior year projects available at listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			cities, counties, and towns					
Georgia	Georgia Environmental Financing Authority (GEFA), Recycling and Waste Reduction (RWR) Program	Waste recycling	Projects to reduce solid waste through recycling, waste minimization, composting Projects to support new or expanded recycling facilities are eligible Eligible applicants— Local governments	http://www.gefa.org/Index.aspx?page=228				Note: Program is not currently accepting applications Link to information on past grants available at listed URL
Georgia	Department of Transportation Aviation Programs, Georgia Airport Aid Program	Airport development and planning	Projects for airport development and planning Planning includes noise compatibility studies and environmental assessments Eligible applicants— publicly owned airport operators	https://georgia-aviation.dot.ga.gov/PDF/P_S_Guide_11_02.pdf https://georgia-aviation.dot.ga.gov/Home/index.cfm?CFID=1359&CFTOKEN=155D7DD8-16E7-70AE-4FBA12480B1E8940	Grants Local match— Local–state grants— 25%, except local share for urban airports is 50% AIP funded projects—at small airports ½ federal local match requirement	Timeline information not included Applications submitted by mail If project has AIP funds, application should include copy of FAA tentative allocation	Projects must be on FAA approved airport layout plan (ALP) or ALP accepted by Georgia Aviation Program Project work not eligible for reimbursement until state issues notice to proceed to airport	AIP funded projects with state apportionments and GA entitlements get highest priority for state matching grants
Guam	Guam Preservation Trust, grant program	Historic and cultural resources	Projects for historic preservation, including: <ul style="list-style-type: none"> • Historic property documentation and register nomination • Architectural history • Repair, renovation, restoration • Operating costs are ineligible 	http://www.guampreservationtrust.com/media.php	Grants			Link to information on completed projects available at listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Government agencies					
Idaho	Office of Energy Resources, Renewable Resource Loan Program	Energy, emissions	<p>Projects to conserve energy through use of renewable resources</p> <p>Eligible technologies include:</p> <ul style="list-style-type: none"> • Photovoltaic (Solar) • Hydro • Wind • Geothermal • Biomass <p>Renewable resource cogeneration projects eligible if all generated power is used by producer</p> <p>Eligibility includes new construction of government buildings</p>	<p>http://energy.idaho.gov/financialassistance/d/Renewable_Criteria_Feb_5_08.pdf</p> <p>http://energy.idaho.gov/financialassistance/energyloans.htm</p>	<p>Low interest loans</p> <p>Interest rate—4%</p> <p>Maximum loan—\$100,000 for government buildings, except for photovoltaic (solar), with maximum of \$15,000</p>	<p>Continuous program</p> <p>Loan application submitted by mail</p>	<p>Complete loan application process and initiate project within 90 days of approval application</p> <p>Loan must be secured with collateral</p> <p>Repayment in five years or less</p>	
Idaho	Department of Environmental Quality, §319 NPS management sub-grants	Water quality	Projects to reduce storm water runoff	<p>http://www.deq.idaho.gov/water/data_reports/surface_water/nps/preapplication_announcement_10.pdf</p> <p>http://www.deq.idaho.gov/Applications/319G/</p>	<p>Grants</p> <p>40% local match</p>	<p>April 12—application and pre-application forms available</p> <p>May 9—deadline for pre-applications (optional)</p> <p>August 2—applications due</p> <p>January—Notice of funding status</p> <p>May—Notice of fund availability</p> <p>Applications can be filed</p>	<p>Submittal of pre-application recommended</p> <p>Applicants must present proposal to local Basin Advisory Group</p> <p>Limits on administrative and indirect costs—if limits exceeded application must be revised</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						electronically or on paper Data on electronic pre-applications will automatically transfer to applications		
Idaho	Department of Fish and Game State Wildlife Grants	Wildlife and habitat conservation	<p>Projects to meet conservation needs of species at risk. Emphasis on traditionally underfunded species and species of greatest conservation need (SGCN)</p> <p>Eligible projects include those that:</p> <ul style="list-style-type: none"> • Benefit SGCNs • Benefit SGCN habitat • Provide data on species status and distribution 	<p>http://fishandgame.idaho.gov/cms/wildlife/grants/guidelines.cfm</p> <p>Karla Drewsen 208-334-2920; karla.drewsen@idfg.idaho.gov</p>	Grants	No specific application deadlines	Projects must comply with NEPA and Endangered Species Act and other federal requirements	
Idaho	Soil and Water Conservation Commission (SWC), State Revolving Fund (SRF) loans	Watershed protection, restoration	<p>Projects that address:</p> <ul style="list-style-type: none"> • Public health hazards or emergencies • Watershed protection or restoration • Protection of established beneficial uses <p>Eligible applicants— Any legal entity</p>	<p>http://www.scc.idaho.gov/PDF/SRF Policy—Revised Grant program06.06.pdf</p> <p>http://www.scc.idaho.gov/programs.htm</p>	<p>Low interest loans</p> <p>Interest rate—4% is current rate</p> <p>Minimum loan— \$500,000</p>	<p>February— applications initiated</p> <p>Applications subject to review by Idaho DEQ before action by SWC</p>	<p>Loans must be secured by collateral— preferably land on which project is located</p> <p>Recipient must commence project and start drawing funds within one year of loan commitment</p> <p>Default rate of 18% for late payments</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Idaho	Division of Aeronautics, Idaho Airport Aid Program	Airport develop- ment and planning	Projects for airport planning and development Eligible applicants— Counties, cities villages, and certain local public agencies	Idaho Administrative Code IDAPA 39.04.04 http://itd.idaho.gov/aero/ airport_aid.htm http://itd.idaho.gov/aero/IAAP %20Appli%20Instructions- 10.pdf William P. Statham (208) 334- 8784; bill.statham@itd.idaho.gov	Grants Matching share for state and local projects range from 10% to 50%, depending on nature of project and size of community served. Matching share for AIP funded projects is ½ local matching share	December 21— Announcement of program availability February 26— Applications due	Project must be included in ALP or approved master plan	
Illinois	Environmen- tal Protection Agency (EPA), Green Fleets Alternative Fuel Rebates	Emissions	Projects to acquire or convert vehicles to alternative fuel or to acquire fuel for such vehicles. Eligible technologies include: <ul style="list-style-type: none"> • E-85 Ethanol • B-20+ Biodiesel • Propane • Natural gas • Electricity • Hydrogen 	http://www.illinoisgreenfleets. org/fuels/index.html	Rebates—three kinds of rebates; only one rebate may be used per vehicle Fuel Cost Rebate (applies to E-85 and B-20+ vehicles)—\$340 or \$450 for E-85 vehicles, based on mileage; incremental cost of biodiesel fuel for B-20+ vehicles Vehicle Rebate— 80% of incremental cost of purchasing alternate fuel vehicle over conventional vehicle. May not be suitable for B20+ vehicle. Cannot be used for E-85 vehicles if they cost the same as conventional models	Fuel Rebate— Applications due January 31 for prior calendar year Vehicle Rebate— Applications due within 12 months of vehicle purchase Conversion Rebate— Applications due within 12 months of conversion Applications must include documentation of E-85 purchases, vehicle purchase and conversion invoices, respectively	Fuel Rebate At least 50% of fuel use based on a full 12 months calendar year must be with alternate fuel; e.g., an E-85 vehicle purchased July 1, 2010, would have to be fueled exclusively with E-85 to qualify for the 2010 fuel rebate Fuel rebates available for three years, but application must be submitted each year Vehicle Rebate Vehicle must be purchased in Illinois Conversion Rebate Conversion must be done in Illinois using EPA or	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
					Conversion Rebate (natural gas, propane or electric vehicle)—80% of conversion cost, up to \$4,000		CARB certified technology	
Illinois	EPA Clean Diesel Program	Emissions	<p>Projects to reduce diesel emissions, including:</p> <ul style="list-style-type: none"> • Diesel retrofit products on EPA or CARB Verified Technologies List • Idle reduction equipment on EPA Idle Reduction Technology List • Hybrid diesel vehicles (if used primarily for stop and go service) <p>Eligible vehicles include:</p> <ul style="list-style-type: none"> • Delivery trucks • Shuttle busses • Transit busses • Large work trucks • Dump trucks • Some off-road vehicles <p>Reserve vehicles not eligible</p> <p>Eligible applicants—Local governments, mass transit districts and businesses</p>	<p>http://www.illinoisgreenfleets.org/clean-diesel-grant/diesel-fact-sheet.pdf</p> <p>www.illinoisgreenfleets.org</p> <p>http://www.illinoisgreenfleets.org/clean-diesel-grant/cash-match2009.pdf</p> <p>Illinois EPA (217) 557-1441</p>	<p>Grants</p> <p>Local match—</p> <p>30% for idling reduction</p> <p>50% for retrofit products</p> <p>75% for hybrids</p>	<p>Applications submitted in hard copy by mail</p> <p>Vendor’s cost quote required for application</p>	<p>For hybrid vehicles, existing conventional vehicles must be scrapped or disassembled on a 1:1 basis</p> <p>Payments made on reimbursement basis after project completed. Invoice showing zero balance required</p> <p>Applicant must supply information to support quarterly reports to EPA</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Illinois	EPA, Municipal Brownfields Redevelop- ment Grant Program	Brown- fields, hazardous waste	<p>Projects to investigate and clean up brownfield sites</p> <ul style="list-style-type: none"> • Identification of brownfield sites • Site assessments • Develop remedial action plans • Implement remedial action plans <p>Eligible applicants—municipalities</p>	<p>Section 58.13 of the Environmental Protection Act (415 ILCS 5/58.13)</p> <p>http://www.epa.state.il.us/land/more-info-about-bol.html#Office-of-Brownfields-Assistance</p> <p>http://www.ipcb.state.il.us/documents/dsweb/Get/Document-12225/</p> <p>Steve Colantino 217/782-6761; Steve.Colantino@illinois.gov</p>	<p>Grants</p> <p>Local match—30%</p> <p>Maximum grant amount—\$240,000, with special conditions to obtain funds in excess of \$120,000</p> <p>Maximum for municipalities in designated River Edge Redevelopment Zones is \$2 million with special conditions to obtain funds in excess of \$1 million</p>		<p>Site must be enrolled in Site Remediation Program</p> <p>Phase I or II Environmental Audit for site completed</p> <p>Cost estimate for cleanup</p> <p>Demonstrate financial capacity to cover costs in excess of grant</p> <p>Fair and open competition for contractors</p> <p>Contractors and subs limited to “fair and reasonable” profits</p> <p>Quarterly progress reports and final report</p> <p>Payment requests on reimbursement basis at 90-day intervals</p>	
Illinois	EPA, Municipal Brownfields Redevelop- ment Loan Program	Brown- fields, hazardous waste	<p>Projects for site investigation and remediation at brownfield sites</p>	<p>Section 58.15 of the Environmental Protection Act (415 ILCS 5/58.15)</p> <p>http://www.ipcb.state.il.us/documents/dsweb/Get/Document-12171/</p>	<p>Low interest loans</p> <p>Interest rate—½ market rate, with minimum rate of 2.5%</p> <p>Maximum loan for site investigation—\$120,000.</p> <p>Maximum loan per application—\$500,000</p>	<p>Pre-application required</p> <p>Loan application periods end January 1 and July 1</p> <p>90 days after period ends EPA notifies applicant of decision</p>	<p>Loans shall be secured</p> <p>Loans repaid in five years</p> <p>Applicants must pledge and dedicate a revenue stream to secure loan</p> <p>Repayment to start 12 months</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
					Maximum loan for single project—\$1 million	30 days after notice of selection applicant notifies EPA of acceptance of loan EPA provides loan documents to applicant after notice of acceptance	after initial disbursement Fair and open competition for contractors Contractors and subs limited to “fair and reasonable” profits Quarterly progress reports and detailed final report Disbursements on reimbursement basis, with documentation of costs incurred. Requests at 90 day intervals	
Illinois	EPA Nonpoint Source Pollution Control Financial Assistance Program	Water quality	<p>Projects to protect water quality in Illinois for the following:</p> <ul style="list-style-type: none"> • Implement watershed or TMDL-based plan • Develop watershed or TMDL-based plan • Best Management Practices (BMP) implementation <p>Eligible applicants— Any entity that may legally accept state funds, including local governments, individuals, and businesses</p>	<p>Section 319 Clean Water Act Pub. L 92-500</p> <p>http://www.epa.state.il.us/water/financial-assistance/non-point.html</p> <p>http://www.epa.state.il.us/water/watershed/forms/319-rfp.pdf</p> <p>http://www.epa.state.il.us/water/watershed/forms/319-ocgc.pdf</p>	Grants, Local match—40%	<p>May 1—Request for proposals</p> <p>August 1— Applications due</p> <p>Illinois EPA reviews applications and selects for submission to U.S., EPA</p> <p>Grant awards announced April–July of year following submission</p> <p>Electronic application process available, but two paper copies with original</p>	<p>Project length— two years</p> <p>Payments on reimbursement basis</p> <p>O & M plan required for BMP projects</p> <p>Consultant contracts subject to Illinois EPA approval</p> <p>Compliance with various Illinois and U.S. statutes applicable to grants</p> <p>Compliance with U.S. EPA WBE and MBE requirements</p>	<p>Priority for projects linked to improving identified impaired waters and with measurable results</p> <p>First listed URL includes link to biannual report providing information on previously funded projects</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						signatures required	Additional certifications and assurances at http://www.epa.state.il.us/water/watershed/forms/319-ocgc.pdf	
Illinois	EPA Underground Storage Tank Fund	Petroleum release	<p>Payments to assist in correcting petroleum leaks from underground storage tanks</p> <p>Eligible expenses are limited to those incurred after reporting of the spill and for corrective actions that do not exceed minimum legal requirements</p> <p>Expenses paid by insurance not eligible</p> <p>Eligible applicants— Any tank owner, except airports exempt from per gallon tax that funds the program (O’Hare and Midway). Home heating oil tanks ineligible</p>	<p>http://www.epa.state.il.us/land/lust/ust-fund.html</p> <p>www.epa.state.il.us/land/lust/index.html</p> <p>Leaking Underground Storage Tank Section 217-782-6762</p>	<p>Reimbursement of expenses with deductibles as follows:</p> <p>\$15,000 if some but not all tanks registered before July 18, 1989 and release after that date</p> <p>\$50,000 if any tank registered before July 18, 1989 and release before that date</p> <p>\$100,000 if no tanks registered before July 18, 1989</p> <p>\$10,000 for all other cases</p>	<p>Applications received continuously based on petroleum release</p> <p>Application process depends on what Illinois regulation applies. Details on website</p>		
Illinois	Department of Natural Resources, Illinois Habitat Grants	Wildlife and habitat conserva- tion	<p>Projects to preserve, protect, enhance or acquire wildlife habitat</p> <p>Equipment that specifically establishes habitat; e.g., native grass drills or tree planters are eligible</p> <p>General purpose equipment such as</p>	<p>http://www.dnr.state.il.us/grants/Special_Funds/fy2011/HabitatFY2011.pdf</p> <p>Office of Resource Conservation—Special Funds (217) 782-2602; DNR.SPECIALFUNDS@illinois.gov.</p>	Grants	<p>August 1— Applications due</p> <p>Applications submitted in hard copy only (original and one copy)</p> <p>No Fax or electronic submission</p>	<p>Funds available for two years after grant, except where payment is made on reimbursable basis</p> <p>Grantee must acknowledge Habitat Fund assistance and if</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<p>trucks or ATVs is ineligible</p> <p>Eligible applicants— Appropriate nonprofits and local governments with expertise, equipment to manage habitat</p> <p>[Note: May be necessary for airport to team with another entity]</p>				<p>practical, post source of financing at project site</p> <p>Grantee may earn rental income for equipment, but no other revenue. Rental revenue must be applied to O & M costs of equipment</p> <p>Final project report for all projects</p> <p>Annual progress report for multi- year projects</p> <p>Quarterly progress report for grants over \$25,000</p>	
Indiana	State Department of Agriculture Biofuels Grant Program	Emissions, greenhouse gas	<p>Support for construction of E-85 fueling facilities open to public</p> <p>Eligible applicants— Businesses and local governments</p>	<p>http://www.in.gov/isda/2401. htm</p> <p>Amy Eizinger Ott 317.234.5263 aeizinger- ott@isda.in.gov</p>	<p>Grants</p> <p>Local match—50%</p> <p>Maximum grant— \$20,000</p>	<p>July 1— application process opens (no other dates included)</p> <p>Applications submitted in hard copy</p>	<p>Construction must be completed within 150 days of grant award</p> <p>Retailers must sell E-85 for at least two years</p> <p>Annual reporting requirements</p> <p>Local government grants require two gallons of E-85 sold or used for each dollar of grant</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Indiana	Office of Energy Development, (OED) Community Conservation Program	Emissions and energy	<p>Projects to reduce energy consumption and lower long-term energy costs. Projects should:</p> <ul style="list-style-type: none"> • Increase energy efficiency and reduce energy consumption • Reduce fossil fuel emissions, including energy recycling projects <p>Eligible applicants—nonprofits, but nonprofits may partner with businesses or local governments.</p>	<p>http://www.in.gov/oed/2588.htm</p> <p>http://www.in.gov/oed/files/CCC_Grant_Guidelines.pdf</p> <p>Kristen Trovillion: ktrovillion@oed.in.gov</p>	<p>Grants:</p> <p>Local match—50%</p> <p>Minimum grant—\$50,000</p> <p>Maximum grant—\$100,000</p>	<p>August 4—October 8—Application period</p> <p>Review of applications expected to take a few weeks</p> <p>Applications must be submitted through the OED on-line grants management system</p>	<p>Applicant may sub-grant to other entities to finance retrofit of those entities' facilities</p> <p>Projects may not begin until grant award (OCT) and must be completed by following April</p> <p>Minimum project cost is \$100,000 (due to 50% match requirement)</p> <p>Energy calculations must be approved by licensed professional engineer</p> <p>DUNS number required for application</p>	
Indiana	OED, Alternative Power and Energy Grant Program	Emissions and energy	<p>Assistance for purchase and installation of alternative energy systems to help offset fossil fuel use.</p> <p>Eligible systems include:</p> <ul style="list-style-type: none"> • Solar water heating • Solar electricity • Wind power • Micro-hydroelectricity • Biomass 	<p>http://www.in.gov/oed/files/APE_guidelines_FY10_9-9-09.pdf</p> <p>Carmen Pippenger: capippenger@oed.in.gov</p>	<p>Grants</p> <p>Local match—50%</p> <p>Maximum grant—\$100,000 per grant</p> <p>Projects exceeding \$200,000 will not receive full 50% state participation.</p> <p>Federal funds cannot be used as cost share.</p>	<p>August 24—Opportunity posted</p> <p>September 25—Due date for applications</p> <p>Applications must be submitted through the OED on-line grants management system</p>	<p>All zoning and permitting issues must be resolved by March 1 following submission of applications</p> <p>Projects must be completed and all grant funds spent by May 31</p> <p>Recipients should initiate project upon receiving notification of award, rather than waiting for</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Local governments, public agencies, businesses, and nonprofits				transmission of grant agreement. Grant agreements must be signed within 30 days of receipt. Monitoring to track energy generation required Quarterly progress reports and final report required. Reports must be submitted electronically.	
Indiana	OED, Solar Thermal Grant Program	Emissions and energy	Assistance for purchase and installation of solar thermal water heating systems Eligible applicants— Local governments, public agencies, businesses, and nonprofits	http://www.in.gov/oed/2588. htm http://www.in.gov/oed/files/Solar_Thermal_Guidelines_2010 .pdf Travis Murphy: tmurphy@oed.in.gov	Grants Local match—75% Maximum grant— \$25,000 Projects exceeding \$100,000 will not receive full 25% state participation. Federal funds cannot be used as cost share	July 1— Program announcement August 1— Earliest date for applications September 1— Deadline for applications September 20— Notification of decision October 1— Grant agreements distributed October 22— Signed grant agreements due Applications must be submitted through the OED on-line	Applicants must document consumption of more than 100,000 gallons of hot water per year. All zoning and permitting must be resolved by January 1 following execution of agreement. Contractor must be an Indiana licensed plumber or use one for plumbing work. Project must be completed and all grant funds spent by April 30. Quarterly progress reports and final report required.	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						grants management system	Reports must be submitted electronically. Applicant must track water flows and energy output.	
Indiana	Indiana Department of Environmental Management (IDEM), Section 319(h) grants	Water quality	Projects to reduce nonpoint source water quality impairments Projects to meet permit requirements ineligible Eligible applicants—Municipalities and counties	http://www.in.gov/idem/6550.htm http://www.in.gov/idem/files/319_grant_solicitation.pdf http://www.in.gov/idem/files/319_grant_app_instructions_guidance.pdf Andrew Pelloso 317-233-2481; apelloso@idem.in.gov Laura Bieberich (317) 233-1863	Grants Local match—50% for implementation projects 40% for other projects	May 1—Solicitation of applications September 1—Applications due Grants executed summer/fall after submission Email copy and signed original hardcopy of application required		
Indiana	IDEM Pollution Prevention (P2) grant program		Projects to encourage pollution prevention activities by: <ul style="list-style-type: none"> • Source reduction • Energy efficiency • Energy and water conservation Eligible applicants—Any Indiana entity	http://www.in.gov/idem/5224.htm Nathan Byers 317-234-4053; NByers@idem.IN.gov	Grants Local match—50%	June 1—Pre-applications due August 6—Final applications due and interview completed October—Notification of awards December—Grant agreements delivered January—Grant agreements executed	Interview with IDEM staff is required before application deadline. Pre-application is required Work may not commence until grant is fully executed Work must be completed within 12 months of grant execution	Links to examples of P2 projects (with final reports) available at listed URL
Indiana	IDEM recycling grants	Waste recycling	Assistance to start or expand source reduction and recycling programs	http://www.in.gov/recycle/5748.htm	Grants Local match—50% Maximum grant—\$50,000	Two rounds of grants per year Grant applications	Pre-applications required Grant agreements have 12-month term	Note: Program currently suspended

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Municipalities and			accepted by mail, fax and e-mail	Grant funded equipment must be kept for its useful life	
Indiana	IDEM Brownfields Program (Funding administered through Indiana Finance Authority)	Brown- fields, hazardous waste	Assistance in cleanup activities for hazardous substances and petroleum Eligible applicants— political subdivisions, including airport authorities	http://www.in.gov/ifa/brownfields/2366.htm#RLF http://www.in.gov/ifa/brownfields/files/QualifyingPoliticalSubdivisions_10-08-08.pdf http://www.in.gov/ifa/brownfields/files/BF_financial_incentives_fact_sheet.pdf www.brownfields.IN.gov Sara Westrick Corbin (317) 234-1688; swestrick@ifa.in.gov Indiana Brownfields Program (317) 234.4293	Low interest loans	Continuous application; first-come first- served		Recipient can re-loan to third parties
Indiana	IDEM Diesel Reduction Program, Quantity: Purchase agreements	Emissions	Quantity purchase agreements for catalytic converters and filters for retrofit Eligible applicants— Local communities	http://www.in.gov/idem/5259.htm	Quantity purchase program Applicants obtain retrofit converters at reduced prices			List of completed projects available at listed URL
Indiana	IDEM Dieselwise Program	Emissions	Projects for reduction of diesel emissions Eligible technologies include: <ul style="list-style-type: none"> • Exhaust retrofit • Idle reduction • Engine upgrades and repowers • Vehicle replacement • Aerodynamic technologies 	http://www.in.gov/idem/5255.htm http://www.in.gov/idem/files/air_dieselwise_grant_solicitation.pdf Shawn M. Seals (317) 233- 0425; SSeals@idem.IN.gov	Exhaust retrofit local match—0% Idle reduction local match—25% Engine upgrade Local match—0% of upgrade kit (General engine rebuild not eligible) Engine repower local match—25%	July— Solicitation posted September 30— Proposals due October 15— Proposal review and selection October 22— Notification of selected proposals	Vehicle and engine replacement projects must include scrapping of existing vehicle/engine or return of engine to manufacturer. Only vehicles or engines with at least two years useful life are eligible.	Priority for proposals exceeding required local match Priority for proposals that include data on current emissions and propose to track emissions after project

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<ul style="list-style-type: none"> • Low rolling resistance tires <p>All technologies must be certified or verified by EPA or CARB</p> <p>Eligible applicants— Private and public entities</p>		<p>Vehicle replacement: grant for incremental cost of replacement vehicle, up to 25% (grantee responsible for 75%)</p> <p>Aerodynamic technologies: 0% of cost of adding aerodynamic fairings and skirts to trailers</p> <p>Low resistance tires: 0% of cost of purchase and installation (most suitable for over-the-road trailers)</p> <p>\$250,000 maximum for one applicant</p>	<p>November 26— Agreements executed</p> <p>Applications by mail, overnight delivery or e-mail</p>	<p>Grants cannot be used to expand fleet</p> <p>Projects must be completed by September 30 of the year following deadline for applications</p> <p>Quarterly reports required for first year</p>	
Indiana	Indiana Department of Natural Resources, Historic Preservation Grants	Historic and cultural preservation	<p>Support for historic preservation including architectural and historic, acquisition and development (A&D) (rehabilitation)</p> <p>A&D grants for structural stabilization get high priority</p> <p>A&D grants to acquire property get low priority</p> <p>Eligible applicants— Local governments</p>	<p>http://www.in.gov/dnr/historic/3671.htm#hpf</p> <p>Malia Vanaman 317-232-1648; mvanaman@dnr.IN.gov</p> <p>Steve Kennedy 317-232-6981 skennedy@dnr.IN.gov</p>	<p>Grants using federal funds</p> <p>Local match—50% for A&D</p> <p>Maximum grant— \$50,000</p>	<p>October 1— Proposals due</p> <p>February 28— Notification of selection</p> <p>Original and four copies of proposal must be submitted in hard-copy</p>	<p>Properties must be listed in National Register of Historic Places or have a pending application</p> <p>Work may not commence until grant agreement is fully executed</p> <p>Work must conform to Secretary of Interior's Standards for Treatment of Historic Properties</p>	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							<p>Project Coordinator and Principal Investigator required</p> <p>Project must be completed by June 20 of year following selection</p> <p>Protective covenant requiring applicant to maintain property to preserve historic features</p> <p>Covenant is 5 or 10 years based on value of grant</p> <p>Payment on reimbursement basis</p>	
Indiana	Indiana Department of Transportation (INDOT) Airport Development Fund	Airport development and planning grants	<p>Projects to develop Indiana public-use airports</p> <p>Eligible applicants—69 Indiana public use airports included in the Indiana State Aviation System Plan</p>	<p>Indiana Code (IC) 8-21-11-5</p> <p>http://www.in.gov/indot/files/AirportDevelopmentFundProcedure.pdf</p>	<p>Local match—</p> <p>Federal/state grants—3.75% (75% of federal local match), except for Indianapolis International</p> <p>State/local grants—50%</p>		<p>Payment requests must use copies of vouchers unique to each grant agreement</p> <p>Projects must be completed in four years</p>	
Iowa	Department of Agriculture and Land	Water quality	Assistance for implementation of storm water best	http://www.iowaagriculture.gov/FieldServices/stormwaterBMPloans.asp	Low interest loans	Continuous application	Application must include certification of	Eligible BMPs with limited airport

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Stewardship		<p>management practices (BMPs)</p> <p>Eligible projects include:</p> <ul style="list-style-type: none"> • Infiltration practices, soil quality restoration • Detention basins • Pervious pavement, modular pavement systems <p>Eligible applicants— Businesses, cities,</p>	<p>http://www.iowaagriculture.gov/FieldServices/stormwaterBMPloansQandA.asp</p> <p>Wayne Peterson (515) 281-5833; wayne.petersen@iowaagriculture.gov</p> <p>Tony Toigo (515) 281-6148; tony.toigo@iowaagriculture.gov</p>	<p>Interest rate—3% fixed rate maximum</p> <p>Minimum loan—\$5,000</p> <p>100% of cost of BMP eligible</p>	<p>Apply through local Soil and Water Conservation District (SWCD)</p>	<p>benefits from licensed engineer</p> <p>Must apply to local lender following SWDC approval</p> <p>Inspection and verification of costs once project completed. IFA makes deposit with lender after costs incurred</p> <p>Project must be completed within one year</p> <p>Project must be maintained per application</p> <p>Discussion with Wayne Peterson before application recommended</p>	<p>application not listed</p> <p>Linked deposit loan structure; Iowa Finance Administration (IFA) buys no interest CD to finance loan</p> <p>List of participating lenders at www.ifaprograms.com</p>
Iowa	State Historical Society of Iowa, Certified Local Government (CLG) Program	Historic and cultural resources	<p>Survey and evaluation assistance to support identification and evaluation of historic sites</p> <p>Grants for acquisition and restoration not eligible</p> <p>Eligible applicants— Cities, counties, or historic districts with executed Certified Local Government Agreements</p>	<p>http://www.iowahistory.org/historic-preservation/local-preservation/clg-grant-information.html</p> <p>http://www.iowahistory.org/historic-preservation/local-preservation/assets/2011-grant-manual.pdf</p> <p>Paula Mohr (515) 281-6826; paula.mohr@iowa.gov</p>	<p>Grants</p> <p>Local match—40%</p> <p>Grants can be matched with Community Development Block Grants or TEA-21 Enhancement Funds</p> <p>Total of \$84,000 available for FY 2011</p>	<p>August 6—draft applications</p> <p>August 13—comments on draft applications</p> <p>August 31—final applications</p> <p>October 8—State Nominations Review Committee recommendations</p> <p>November—State Historical Society Board approves grants</p>	<p>Applicants must be up to date in CLG reporting</p> <p>Projects cannot start before February 1 and must be completed by June 30 of following year</p> <p>Grants paid on reimbursement basis</p>	<p>Copies of past successful applications can be obtained from Ms. Mohr</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						<p>December— recipients notified</p> <p>January— agreements executed</p> <p>Draft applications may be sent electronically to Ms. Mohr.</p> <p>Delivery method for final applications not specified</p>		
Iowa	State Historical Society of Iowa Historical Resources Development Program Grants	Historic and cultural resources	<p>Projects for historic resources, including building rehabilitation</p> <p>Acquisition and development</p> <p>Preservation and conservation</p> <p>Eligible applicants— Governmental units, nonprofits, tribal organizations, and individuals</p>	<p>Code of Iowa, Chapter 303.16</p> <p>Iowa Administrative Code 223-49 http://www.iowahistory.org/about/grants/hrdp/index.html</p> <p>http://www.iowahistory.org/about/grants/assets/guide-hp-fy11.pdf</p> <p>Kristen Vander Molen (515) 281-4228; kristen.vandermolen@iowa.gov</p>	<p>Grants</p> <p>Local match:</p> <p>Government applicants—$\frac{1}{3}$, with at least $\frac{1}{6}$ in cash</p> <p>Individuals—$\frac{3}{7}$, with at least $\frac{2}{7}$ in cash</p> <p>Businesses—50%, with at least 25% in cash</p> <p>Maximum grant— \$100,000</p>	<p>May 17— application due</p> <p>Hand deliver or mail application</p> <p>Single copy of application</p>	<p>50% of grant paid on execution of agreement. Balance paid when project completed</p> <p>Projects commence July 1 and must be completed within 29 months</p> <p>Final report required before final payment</p> <p>Grant funds, must be spent in-state unless it is not feasible</p> <p>Project must be completed to relevant national standards with</p>	<p>Evaluation criteria:</p> <ul style="list-style-type: none"> • Significance of resource • Proposed scope • Local impact • Budget reasonableness <p>Eligible projects of limited relevance to airports not listed in table</p> <p>List of prior grant awards with contact information at</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							appropriate trained professionals City or county applicants must be approved CLGs Government-owned buildings must be accessible to public at least 16 hours per week	http://www.iowahistory.org/about/grants/assets/hrdp-list-grant-awards-fy11.pdf
Iowa	State Historical Society of Iowa State Historic Preservation Grant Program	Historic and cultural resources	“Vertical” historic restoration projects. Acquisition, preservation and restoration of historic structures Eligible applicants— Local political subdivisions, tribal organizations and nonprofits responsible for historic preservation	http://www.legis.state.ia.us/asp/ACODOCS/DOCS/223.50.pdf Kristen Vander Molen (515) 281-4228; kristen.vandermolen@iowa.gov	Grants Local match—50% Minimum grant— \$40,000 (\$80,000 minimum project cost) Maximum grant— \$100,000	Original and 11 copies of application required,	Projects must be under contract by February 1 of year following award Projects must be completed to relevant national standards.	Program not funded for FY 2011 Five element rating system with percentages assigned
Iowa	Department of Natural Resources (DNR) Watershed Implementation Grants	Watershed, water quality	Support for implementation of watershed management plans Eligible applicants— local/regional organizations capable of implementing watershed management plan, including city and county governments	Clean Water Act, section 319 Pub. L 92-500 http://www.iowadnr.gov/water/nonpoint/app.html http://www.iowadnr.gov/water/watershed/files/implapp.pdf Steve Hopkins (515) 281-6402; stephen.hopkins@dnr.iowa.gov	Grants Local match— none required, but local contribution increases competitiveness	April 1— applications due June 1— interagency committee review July 1 notice of tentative award (subject to EPA approval) September 1— EPA approves applications November 1— EPA awards funds to DNR	Consultation with DNR Basin Coordinator recommended before application Approved Watershed Management Plan required Only watersheds of 50,000 acres or less draining into listed impaired waterways eligible Programs should be completed within 5 years	Grants available to develop plan Plan must address nine elements listed in document on URL Impaired waterways list at http://www.ig.sb.uiowa.edu/wqm/wqa/303d.html .

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						March 1—Grant execution 16 hard copies of application plus one electronic copy and one electronic copy of watershed management plan on CD	10% of grant paid as advance. Balance paid on reimbursement basis Monthly, quarterly, annual, and final reports with information on load reduction required	Eight factors considered in evaluating applications
Iowa	Iowa Office of Aviation, Airport Security and Development Program	Airport development and planning	Projects to enhance safety, security, and capacity and address environmental concerns Eligible applicants—Publicly owned airports	Iowa Code sections 328.12 and 330.13 Iowa Administrative Code 761-710 http://www.iowadot.gov/aviation/managersandsponsors/statefundingprograms.html http://www.iowadot.gov/aviation/managersandsponsors/guidebook/4—Section2—StateAviation Grant Programs.pdf http://www.iowadot.gov/aviation/managersandsponsors/guidebook/4%20-%20Section%20%20-%20State%20Aviation%20Grant%20Programs.pdf	Grants Local match—15% Minimum grant—\$5,000	January—grant information available April, May—applications due	Five year CIP and ALP required with application	Links to 2010 and 2011 grants available at first listed URL Six factors used to prioritize projects
Kansas	Kansas State Conservation Commission Water Resources Cost Share Program (WRCS) and Non-Point Source Pollution Control	Water quality	Projects to enhance water quality Eligible applicants—Kansas landowners	WRCS— K.S.A 2-1915 NPSPCP— K.S.A. 75-5657. 82a-903, 82a-951 http://scc.ks.gov/index.php?option=com_content&view=section&id=25&Itemid=155 Main Office: 785.296.3600	Grants Local match—70% maximum, but set by each conservation district	Grants awarded by County Conservation Districts	Practices must meet standards of Natural Resources Conservation Service (NRCS) Payment on reimbursement basis after project complete.	Detailed information not available from website County Conservation District contact information at http://scc.ks.gov/index.php?

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Program (NPSPCP)						10 year implementation and maintenance requirement	option=com_ content&task= view&id=779 &Itemid=166 NRCS provides technical assistance
Kansas	State Historical Society Heritage Trust Fund grants	Historic and Cultural Resources	Projects to preserve or restore properties on National or Kansas State Historic Register Rehabilitation, restoration and preservation are eligible. Acquisition of property ineligible Eligible applicants— Property owners other than state or federal government	http://www.kshs.org/resource/ htfinfo.htm http://www.kshs.org/resource/ HTF/2011_ProgramInforma tion.pdf Kansas State Historic Preservation Office (SHPO) 785-272-8681, ext. 240; cultural_resources@kshs.org	Grants Local match—20% (50% for for-profit corporations) Maximum grant— \$90,000 At least 50% of funds must go to local governments, local historical societies and private nonprofit organizations	September 15— preliminary application (optional, but recommended) November 1— final applications due	Projects must be completed to national standards for treatment of historic properties Cash match must be reserved before application deadline Scope of work must be approved before bidding Funds paid on reimbursable basis, with \$5,000 minimum request Physical work must be competed and have photo documentation Five year maintenance agreement required	Schedule of information meetings available at http://www.kshs.org/resour ce/currentevent s.htm Information on prior grants may be obtained from listed point of contact Additional ineligible activities/pro- jects included in document at second listed URL (18 total items) 10 evaluation factors used to rate proposals
Kansas	Kansas Corporation Commission (KCC) State Energy Office Facility Conservation Improvement	Energy and emissions	Guaranteed energy savings program. Private energy service company (ESCO) evaluates energy use and recommends improvements to reduce consumption.	http://www.kcc.state.ks.us/ energy/fcip/	Projects funded by cost savings Use of master agreement enables low cost financing through FCIP	Project must be identified by applicant and approved by agency before financing is arranged. If using master	Master agreement available to public entities	10 currently approved ESCOs identified at listed URL Use of approved

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Program (FCIP)		<p>Energy savings to pay for improvements. If savings do not cover costs, ESCO pays the difference</p> <p>Eligible projects range from occupancy sensors to ground or water source heat pumps</p> <p>Eligible applicants—Public agencies eligible</p>		Financing in form of tax exempt lease purchase agreement	agreement, ESCO can assist.		<p>ESCO and master agreement reduces time and cost to complete project</p> <p>Full list of eligible projects available at http://www.kcc.state.ks.us/energy/fcip/eligible_proj.htm</p>
Kansas	KCC State Energy Office Renewable Energy Incentive Grants	Energy and emissions	<p>Projects for use of renewable energy sources including</p> <ul style="list-style-type: none"> • Wind • Solar • Biomass • Geothermal • Hydropower <p>Eligible applicants—Public agencies, including city and county governments, except city/county governments that received a DOE block grant</p>	<p>http://www.kcc.state.ks.us/energy/arra/renew.htm</p> <p>Terry Steuber 785-271-3352; t.steuber@kcc.ks.gov</p>	<p>Grants</p> <p>Local match—75%</p> <p>Maximum grant—\$250,000</p>	<p>Four application rounds to date</p> <p>January 31—Round 1 applications due</p> <p>February 24—Round 1 selections</p> <p>April 15—Round 2 applications due</p> <p>April 30—Round 2 selections</p> <p>June 15—Round 3 applications due</p> <p>June 30—Round 3 selections</p> <p>July 23—Round 4 applications due</p> <p>Round 4 selections—First</p>	<p>Local governments must pursue energy efficiency building codes</p> <p>Projects must comply with NEPA, prevailing wage rate requirements of Davis-Bacon Act, ARRA Buy American requirements</p> <p>Multiple reporting requirements including weekly certified payroll reports and energy production and conservation reports following commissioning</p>	<p>Program funded under ARRA. Continuation of program uncertain</p> <p>Link to listing of prior grants available at listed URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						come/first-served No further rounds scheduled at this time		
Kansas	State Energy Office, Public Project Grants	Energy and emissions	<p>Energy efficiency projects in public buildings to reduce utility costs. Supplements FCIP</p> <p>Eligible applicants— City and county governments are eligible if:</p> <ul style="list-style-type: none"> • They own less than 100,000 square feet of total building space and have annual utility bills of less than \$80,000; or • They have an Energy Performance Contract under FCIP, but have projects with a payback period beyond 30 years 	<p>http://www.kcc.state.ks.us/energy/arra/publicproj.htm</p> <p>Peter Armesto 785.271.3241; p.armesto@kcc.ks.gov</p>	<p>Grants</p> <p>Local match— 40%</p> <p>Maximum grant— \$150,000</p>		<p>Multiple federal requirements relating to project and contracting listed at http://www.kcc.state.ks.us/energy/arra/eecbg_info_reig_pp.htm</p> <p>Among others, Davis–Bacon prevailing wage rates</p> <p>Buy American Act</p> <p>Weekly contractor payroll forms</p> <p>Quarterly milestone reports</p> <p>Retain payroll records for three years</p> <p>Submit Project Reporting Metric form and Waste Management Plan template after project complete</p>	<p>Funds for program provided through ARRA. Continued availability of funding uncertain at this time.</p> <p>Link to listing of prior grants available at listed URL</p>
Kansas	Division of Aviation, Kansas	Airport planning and development	<p>Public airport planning and development projects</p> <p>Eligible projects include airfield development, planning</p>	<p>KSA 75-5061</p> <p>http://www.ksdot.org/divAviation/default.asp</p>	<p>Grants</p> <p>Local match— 10%— communities of less than 3,000</p>	<p>September 30— applications due</p> <p>Recommended to review proposed projects with</p>	<p>Maintenance projects must meet state standards</p> <p>Airfield modifications and</p>	<p>Focus on preserving airport system and addressing basic needs</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			lighting equipment, and navigational aids Grants cannot be used to leverage federal grants Eligible applicants— Public use airports as defined in Kansas statutes		25%— communities between 3,000 and 10,000 50%— communities greater than 10,000 \$500,000 maximum	Division of Aviation before application	equipment must meet FAA standards	Priorities: 1. Keeping all runways in good condition 2. Minimize travel time to air ambulances 3. Enhance safety of runways 4. Enhance community economic development Priority rating system with five factors Project lists and application forms available at listed URL
Kentucky	Department of Aviation Airport Development Program	Airport planning and develop- ment	Airport capital improvement projects Eligible applicants— Publicly owned public use airports	http://transportation.ky.gov/ Aviation/billings.html Department of Aviation 502- 564-4480 mary.sharfe@ky.gov	Grants	Timeline information not included Applicant must submit a Request for Funds, Form TC56-16A After approval of funding request, submit Project Application, Form TC-56- 15C	Payment requests submitted on Standard Invoice TC31-519	Limited information on program available on website

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Kentucky	Finance and Administration Cabinet Green Bank	Energy and emissions	Projects to reduce energy consumption in public buildings	http://finance.ky.gov/greenbank/	Low interest loans as supplementary to other financing Minimum loan—\$50,000	Timeline information not included Applications are approved by Green Bank Program Loan Committee	Loan is repaid from energy savings of the project	Program currently funded through ARRA and may be funded in future through Build America Bonds or tax exempt financing. Website provides limited information on program details.
Kentucky	Environment and Energy Cabinet (EEC) Compliance Assistance Division, Brownfields Program	Hazardous waste		http://dca.ky.gov/Pages/default.aspx Division of Compliance Assistance 502-564-0323; envhelp@ky.gov				A summary of 2010 grants is available at the listed URL.
Kentucky	EEC, Division of Water, Non-Point Source Pollution Control Program	Water quality	Projects to develop and implement watershed based plans and nonpoint source pollution control projects	Section 319 of Clean Water Act Pub. L. 92-500 DEP Nonpoint Source Funding Projects 502-564-3410 james.roe@ky.gov paulette.akers@ky.gov LisaJ.Borders@ky.gov	Grants	February 1—project proposals due March 3—Selection of proposals March 24—workshop for applicants April 26—Applications due June 15—Project selection		Limited information on program included in website.

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						October 1 2010—Funds received from EPA		
Kentucky	Kentucky Infrastructure Authority, Infrastructure Revolving Loan	Appears to be water quality	Low interest loans for eligible projects Eligible applicants— Governmental agencies	http://kia.ky.gov/loan/fundb.htm Kasi White 502-573-0260 x238; kasi.white@ky.gov	Low interest loans 4% discount for counties below average statewide household income 2% discount for counties above the average 0.2% annual service fee based on outstanding balance	Continuous, with applications considered on first-come, first- served basis Loan closes after construction bids and applicant sets user fees to recover costs	20-year loans Semi-annual payments	Program not available for projects qualifying for State Revolving Fund loans
Kentucky	Kentucky Infrastructure Authority, Governmental Agencies Program			http://kia.ky.gov/loan/fundc.htm John Covington 502-573-0260 x231 john.covington@ky.gov	Low interest loans			Appears to be new program with site under construction. Included for future reference
Louisiana	Louisiana Department of Environmental Quality (DEQ) Brownfields Cleanup Revolving Loan Fund	Brown- fields, hazardous waste	Projects for remediation of brownfield properties Eligible applicants— Landowners of brownfield properties	http://www.deq.louisiana.gov/portal/PROGRAMS/BrownfieldsandVoluntaryRemediationProgram/LouisianaBrownfieldsCleanupRevolvingLoanFund.aspx	Low interest loans			Appears to be a new program with site under construction. Included for future reference
Louisiana	Louisiana DEQ of Environmental Quality, Nonpoint Source Section 319(h) funding	Water quality	Projects for nonpoint source pollution reduction projects including: <ul style="list-style-type: none">• BMP implementation• Restoration• Monitoring	http://nonpoint.deq.louisiana.gov/wqa/default.htm http://nonpoint.deq.louisiana.gov/wqa/links/Funds/2009RFP.pdf Reggie L. Coleman (225) 219- 3585; Reggie.Coleman@LA.gov	Grants Local match—40%	August 31— Applications due One paper and one electronic copy of application	Quality Assurance Plan with monitoring program required	Priority for projects addressing impaired water bodies or water bodies at risk of impairment

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<ul style="list-style-type: none"> Control measures <p>Eligible applicants— State and local governments and tribal organizations</p>					<p>Special consideration for water bodies with TMDLs established</p> <p>Link to past projects available at first listed URL</p>
Louisiana	DEQ Motor Fuels Underground Storage Tank Trust Fund	Petroleum spills	Reimbursement of costs of release of petroleum from motor fuel releases	<p>#Eligibility_Determination_Application</p> <p>http://www.deq.louisiana.gov/portal/LinkClick.aspx?link=financial%2fEligibility+Application_8-2006.pdf&tabid=230</p>	Cost reimbursement subject to a deductible	Two step process: Applicant must first submit application for eligibility determination. Once eligibility is approved applicant can submit reimbursement application.		<p>Limited information on program available through website</p> <p>Link to summary data on past claims available at first listed URL</p>
Louisiana	Department of Natural Resources, AFV revolving loan program	Emissions, greenhouse gasses	<p>Projects for alternative fuel vehicles</p> <p>Projects for conversion of existing vehicles or incremental costs of new vehicles</p> <p>Eligible alternative fuels include:</p> <ul style="list-style-type: none"> Ethanol Natural gas Biodiesel Propane Electricity <p>Eligible applicants— Local governments</p>	http://www.afdc.energy.gov/afdc/laws/laws/LA	Low interest loans		Fuels must meet or exceed federal emission standards	Program awaiting regulations and appropriations from Louisiana legislature. Information offered for future reference

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Louisiana	Department of Transporta- tion and Development, Aviation Section, Airport Capital Program	Airport planning and devel- opment		http://www.dotd.la.gov/ intermodal/aviation/ Brand Brandt (225) 274-4149; brad.brandt@la.gov	Grants		Standard Louisiana sponsor certifications required Standard Louisiana reimbursement forms required	Forms available at listed URL
Maine	Historic Preservation Commission New Century Community Program	Historic and cultural resources	Restoration of historic buildings and structures Eligible applicants— Local governments	5 M.R.S.A. §1931, 27-A M.R.S.A. §§504, 505. and Sp. L. 1985, c. 73; and 27 M.R.S.A. §558. http://www.maine.gov/mhpc/ grants/new_century.html http://www.maine.gov/mhpc/ grants/2008%20New%20 Century%20Grants%20 Manual.pdf http://www.maine.gov/mhpc/ grants/2008%20New%20 Century%20Grant%20App.pdf	Grants Local match—50% Minimum grant— \$5,000	June 6— Applications due July 2—Grants awarded	Buildings must be listed in or nominated for the National Register of Historic Places Projects must be completed in two years Covenants for public access and historical integrity may be required Preservation or stewardship agreement required. Length of agreement depends on grant amount Grants paid on reimbursement basis Final report by project engineer/architect Work must conform to national standards	Five criteria are applied as listed in both URLs National standards for work included at second listed URL Application form at third listed URL
Maine	Maine Department	Water quality	Projects to protect or restore threatened or	Clean Water Act, Section 319 Pub. L 92-500	Grants	April 13—RFP issued	Watershed based plan required for	Information on prior grants

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	of Environmental Protection (MDEP) Non-Point Source Pollution Control Program		polluted lakes, streams or coastal waters	<p>http://www.maine.gov/dep/blwq/docgrant/319.htm</p> <p>http://www.maine.gov/dep/blwq/docgrant/319_files/2011_NPS_RFP_041310.pdf</p> <p>Norm Marcotte (207) 287-7727; norm.g.marcotte@maine.gov</p>	<p>Local match—40%</p> <p>Maximum grant—\$150,000</p>	<p>June 1—Applications due</p> <p>July 28—Notification of decisions</p> <p>October—revised work plans due (if needed)</p> <p>November—final work plan approval</p> <p>December—grant agreement signed</p> <p>January—EPA distributes funds, project starts</p> <p>Hardcopy applications, seven copies in sealed envelope</p>	<p>project to restore impaired water body</p> <p>Projects must be designed to achieve significant reduction in pollutant load</p> <p>Projects must be completed in two years</p> <p>Semiannual and final reports required</p> <p>Data collection may require approval of a Quality Assurance Project Plan</p> <p>Payment requests once every 30 days. Requests processed within 30 days</p> <p>Final payment request 45 days after completion</p>	<p>available at following 2 URLs</p> <p>http://www.maine.gov/dep/blwq/docgrant/319.htm</p> <p>http://www.maine.gov/dep/blwq/docgrant/319_files/nps_outcome.pdf</p> <p>Program focus on priority watersheds</p> <p>Projects to meet permit requirements not eligible</p> <p>Weighted numerical point system described in second URL</p> <p>Administrative guidelines available at http://www.maine.gov/dep/blwq/docgrant/319.htm</p> <p>Instructions for preparing proposals at second URL</p> <p>Examples of work plan for application available: http://www.maine.gov/dep/</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								blwq/docgrant/ 319.htm
Maine	Brownfields Remediation Program	Hazardous waste	Financial assistance for brownfield remediation Eligible applicants— Municipalities	http://www.maine.gov/dep/ rwm/brownfields/index.htm Jean Firth (207) 287-2651; jean.m.firth@maine.gov	Grant of services Local match—0%, up to \$50,000. Grantee responsible for all costs over \$50,000	Continual application process Hardcopy applications	Municipalities must own site Phase II Investigation usually required Feasibility study may be required Site must participate in state Voluntary Action Response Plan Public outreach and participation required	Substantial guidance on program available through additional links at listed URL
Maine	Petroleum Cleanup Program	Petroleum discharge	Reimbursement for costs of cleanup of petroleum discharge	http://www.maine.gov/dep/ rwm/petroleum/index.htm#gu Tom Benn 215-3692	Expense reimbursement Appears to be no local matching requirement	Continuous application process	Written remediation agreement with action plan and schedule required. Agreements must be executed before cleanup starts	Listed URL has numerous links to technical information and standards
Maryland	Maryland Department of the Environment (MDE) Non- Point Source (Section 319) Financial Assistance	Water quality	Cost share projects to reduce water quality impairments in state's list of impaired waters, particularly where TMDLs have been established. Eligible applicants— State agencies and municipalities, among others	http://www.mde.state.md.us/ Programs/WaterPrograms/ 319NPS/index.asp http://www.mde.state.md.us/ Programs/WaterPrograms/ 319NPS/factsheet.asp Eric Ruby 410-537-6510; eruby@mde.state.md.us	Grants Funding information not included	June 1— applications due	Projects must result in quantifiable improvements, including pollutant load reductions EPA approval of Watershed Plan required for implementation projects Applicants must respond to Bay Trust Fund RFP before applying	Annual report with listing of grants available at first listed URL More detailed information may be available during period before applications due

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Maryland	MDE Chesapeake and Atlantic Coastal Bays Trust Fund	Water quality	Projects to improve water quality of Chesapeake and Atlantic coastal bays through nonpoint source pollution reduction activities identified in state's 2 year Milestone. Eligible applicants— Local governments, including bi-county agencies	Annotated Code of Maryland, Natural Resources Article, Section 8-2A-04 http://www.dnr.state.md.us/ ccp/funding/pdfs/2012Trust FundRFP.pdf Sarah Lane 410-260-8788; slane@dnr.state.md.us or	Grants Funding ranges from \$1 million to \$5 million per proposal annually	March 2—RFP issued June 1— applications due December— Priority projects identified April—Funding approved July 1—Funds available	Projects must be completed within 3 years	Multiyear funding available for up to three years RFP includes sample budget Technical assistance available through the Watershed Assistance Collaborative, http://www.dnr.state.md.us/c cp/funding/tru st_fund.asp
Maryland	MDE Brownfields Revolving Loan Fund	Hazardous waste	Brownfield cleanup projects Eligible applicants— Local governments and tribal organizations Private entities eligible for loans, but not grants Only inculpable parties eligible	http://www.mde.maryland.gov /assets/document/VCP%20 Fact%20Sheet%20January% 2006(1).pdf http://www.mde.maryland.gov /assets/document/MDE%20 BCRLF%20Operations%20 Manual%20Final.pdf Jim Henry 410-767-6353	Low interest loans or grants Interest rate—40% of market rate Matching share— 20% local match for loans and grants	Continuous application process Steps as follows (dates not provided): 1. Preapplication 2. Review for voluntary cleanup program eligibility 3. Financial analysis, credit review	Project must be participating in Voluntary Cleanup Program (Minimum 75 days for review) MDE approval of plans and specifications Competitive bidding with 14% M/WBE participation goal For loan, applicant must	Ranking factors include environmental benefits, economic benefits and location of project (in priority area or environmental benefits district) In case of grants additional factors

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						4. Environmental review 5. Project approval	show financial capacity for loan Loan and grant disbursement on reimbursement basis Maintain records of expenditures and response activities for 10 years Additional reporting/record keeping during project implementation 20-year term	including benefits of creation of green space, benefits to low income communities and facilitation of use of existing infrastructure
Maryland	MDE Underground Storage Tank (UST) Replacement Loan Program	Petroleum spills, leaks	Replacement of USTs with object of enhancing air quality	http://www.mde.state.md.us/ Programs/WaterPrograms/ Water_Quality_Finance/Link_ Deposit/index.asp Greg Sonberg (410) 537-3412 gsonberg@mde.state.md.us	Low interest loans funded with deposits to lender by Maryland Water Quality Financing Administration	Applicant must obtain Certificate of Qualification from local authority before applying to lender for loan. Lender performs credit evaluation before forwarding application to MDE	Maximum loan period 20 years	Limited information available on website

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Maryland	Maryland Aviation Administration (MAA) Airport Improvement Program	Airport development and planning	Funding for public airports to assist with local match of AIP funded projects	http://www.marylandregionalaviation.aero/content/airportdevassistance/index.html http://www.marylandregionalaviation.aero/_media/clients/pdf/airportdevassistance/Program%20Guidance%20-%20AIP%20Grant.pdf	Grants Local match—½ of FAA local match requirement (currently 2.5%)	Submit state grant application at same time as submit AIP application to FAA State will process grant offer after FAA issues grant offer. <ul style="list-style-type: none"> • Prepare grant offer—3 to 4 weeks • Sponsor review of offer—3 to 4 weeks • Execution of agreement by MAA—3 to 4 weeks 	Airport must coordinate entire development plan with MAA Application by letter including copy of AIP grant application Payment requests must include reports of progress Payments on reimbursable basis State payment held until confirmation of payment from FAA Audit and record-keeping requirements	Funding for program subject to annual state appropriations
Maryland	MAA Maryland Assistance to Private Airports	Airport development and planning	Funding for privately owned public-use airports ineligible for AIP grants to improve, rehabilitate or expand basic airport infrastructure Eligible applicants—existing privately owned public-use airports	Code of Maryland Regulations, 11.03.08 (Appendix A) http://www.marylandregionalaviation.aero/content/airportdevassistance/index.html http://www.marylandregionalaviation.aero/_media/clients/pdf/airportdevassistance/Program%20Guidance%20-%20MAPA%20Grant.pdf	Grants Local match—10% Maximum grant—\$1 million	January 31—Applications due Required contents of application described at second listed URL	Airport owner must obtain county property tax exemption Three cost estimates Payment on reimbursement basis Projects should be completed in one year Must guarantee airport will stay open to the public. Length of guarantee depends on type of project	Priority rating system described at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Maryland	MAA Special Grant Program	Airport develop- ment and planning	Funding for public use airports for unfunded AIP eligible projects. Other projects determined to be reasonable may also be funded Eligible applicants— Public-use airports	http://www.marylandregionalaviation.aero/content/airportdevassistance/index.html http://www.marylandregionalaviation.aero/_media/clients/pdf/airportdevassistance/Program%20Guidance%20-%20Special%20Grant.pdf	Grants Local match—50%	January 31— applications due Prior grant performance and operating license compliance issues considered in awarding grants	Payment on reimbursement basis Projects must be completed within 12 months. Projects should be planned and scoped to meet this time frame	Funds not separately appropriated. Funds limited to unspent sums from appropriation for AIP match.
Massachu- setts	Massachusetts (MA) Aeronautics Commission MA Airport Safety and Maintenance Program	Airport develop- ment and planning	Airport planning and development projects Eligible projects include environmental permitting Eligible applicants— Public-use airports in the MA Airport System Plan	Massachusetts General Laws, Chapter 90, 39 http://www.eot.state.ma.us/mac/default.asp?pgid=MacEligibility&sid=level2 http://www.eot.state.ma.us/mac/default.asp?pgid=MacFunding&sid=level2 http://www.eot.state.ma.us/mac/default.asp?pgid=AeroPrograms&sid=level2	Grants Local match—20% adjusted for federal participation, if any		Projects must be in approved Capital Improvement Plan	Limited information on program details included on website
Massachu- setts	Department of Environmen- tal Protection (DEP), Section 319 Nonpoint Source Competitive Grant Program	Water quality	Projects for prevention, control and abatement or that address nonpoint source pollution Projects to meet compliance requirements or satisfy NPDES Permits are ineligible Eligible applicants— Public or private entities	Section 319 of Clean Water Act PUB. L92-500 http://www.mass.gov/dep/water/grants.htm#sums http://www.mass.gov/dep/water/fffy11319.pdf http://www.mass.gov/dep/service/compliance/smrp.htm Jane Peirce (508) 767-2792	Grants Local match—40%	April 1— Announcement of opportunity April 14— questions due and informational meeting June 2— applications due July—Selection of projects by department September 30— Notification of recipients	Projects must include method for evaluating environmental results Projects must conform to MA Watershed-Based Plan and MA NPS Management Plan Fair Share M/WBE and affirmative action requirements Mandatory EFT for payments	Preferences for targeted watersheds in state's Five- Year Basin Cycle; projects that address TMDL reduction; and recommend- ations in Diagnostic/ Feasibility studies. Use of MA Watershed- Based Plan, Appendix 5, at http://public.de

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						<p>October 1— Projects submitted to EPA</p> <p>10 hard copies and one CD copy required</p> <p>Hardcopies should be designed to minimize waste including double sided copying and use of at least 30% recycled paper</p> <p>Quality Assurance Project Plan required</p>		<p>p.state.ma.us/ Watershed/Intr o.aspx and use of MA Clean Water Toolkit, available at http://mass. gov/dep/water/ resources/non point.htm is recommended for developing proposals</p> <p>Complete set of forms available with RFP at second listed URL</p> <p>Summary of prior projects available at first listed URL</p>
Massachu- setts	DEP Sustainable Materials Recovery Program (SMRP) Municipal Grants	Recycling	<p>Funding for recycling, composting, reuse, and source reduction activities</p> <p>Eligible applicants— Cities, towns, and regional entities</p>	<p>http://www.mass.gov/dep/ recycle/recawgr.htm</p> <p>http://www.mass.gov/dep/ service/compliance/smrp. htm#reg</p> <p>http://www.mass.gov/dep/ recycle/smrpref.pdf (application form)</p>	Form of assistance and local match requirements vary with type of program	<p>April 12— Solicitation of applications</p> <p>June 2— Applications due</p> <p>Summer— Grants announced</p> <p>Applications must be filed electronically through eDEP Online at https://edep.dep. mass.gov/DEPL ogin.aspx</p>	<p>Must have local “buy recycled” requirements in place</p> <p>MassDEP Municipal Recycling and Diversion Data Sheet on file</p> <p>MassDEP Solid Waste Program Survey on file</p> <p>Municipal recycling programs in public buildings where meetings held</p>	<p>Various programs are funded. Many of the programs would not benefit airports, even if municipally owned. The information is offered for reference.</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Grantees must be parties to the state's Master Service Agreement Only expenses incurred after execution of grant eligible Payments on reimbursement basis	
Massachusetts	Department of Revenue (DOR) Petroleum Cleanup Fund	Petroleum releases	Partial reimbursement to UST owners for costs of petroleum releases, to prevent the need for cleanup actions	503 CMR 2.00 http://www.mass.gov/?pageID=dorterminal&L=4&L0=Home&L1=Businesses&L2=Programs+%26+Services&L3=Underground+Storage+Tank+Program+%28UST%29&sid=Ador&b=terminalcontent&f=dor_ust_ppcf_overview&csid=Ador	Reimbursement for expenses incurred—subject to a deductible (similar to insurance) Maximum payment— \$1.5 million for tanks dispensing more than 10,000 gallons per month \$500,000 for other tanks	Continuous application, based on time of release Step 1— Application for Eligibility Step 2— Application for Reimbursement (after approval of Step 1 application)	Certificate of Compliance, accompanied by Board Acceptable Site Assessment required Response actions in excess of deductible required before filing claim. Application for Reimbursement must be filed within one year of expense Reimbursement fee schedule applies	All forms and schedules referenced available at listed URL Reimbursement for payment of bodily injury claims also available, per information available at listed URL
Massachusetts	DOR Cities and Towns Municipal Grant Program	Petroleum releases	Funding for removal or replacement of underground petroleum storage tanks Eligible applicants— Local jurisdictions	Regulation 503 CMR 3.00 http://www.mass.gov/?pageID=dorterminal&L=4&L0=Home&L1=Businesses&L2=Programs+%26+Services&L3=Underground+Storage+Tank+Program+%28UST%29&sid=Ador&b=terminalcontent&f=dor_ust_municipal_grants_overview&csid=Ador	Grants Local match—50%	Removal, replacement must be completed before applying Must apply within 12 months of completion of project	Applications must include detailed costs and invoices Proof of payment must be submitted with application	FY 2011 funding not anticipated at this time Grants are divided into four categories and may be subject to a rating system.

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				<p>http://www.mass.gov/?pageID=dorterminal&L=4&L0=Home&L1=Businesses&L2=Programs+%26+Services&L3=Underground+Storage+Tank+Program+%28UST%29&sid=Ador&b=terminalcontent&f=dor_ust_forms_forms&csid=Ador (application forms)</p> <p>http://www.mass.gov/?pageID=dorterminal&L=5&L0=Home&L1=Businesses&L2=Programs+%26+Services&L3=Underground+Storage+Tank+Program+%28UST%29&L4=UST+Regulations&sid=Ador&b=terminalcontent&f=dor_ust_regulations_503cmr3&csid=Ador (regulation)</p>				<p>Classes and priorities listed at http://www.mass.gov/?pageID=dorterminal&L=4&L0=Home&L1=Businesses&L2=Programs+%26+Services&L3=Underground+Storage+Tank+Program+%28UST%29&sid=Ador&b=terminalcontent&f=dor_ust_overview&csid=Ador</p> <p>List of prior grant approvals available at http://www.mass.gov/Ador/docs/dor/UST/Programs/Grants/grantapp.pdf</p>
Massachusetts	Department of Energy Resources (DOER), Energy Audit Program	Energy and emissions	<p>Funding for certified energy audits to identify projects that may be eligible for future funding</p> <p>Eligible applicants— Cities and towns</p>	<p>http://www.mass.gov/?pageID=eoeaterminal&L=4&L0=Home&L1=Grants+%26+Technical+Assistance&L2=Grant+%26+Loan+Programs&L3=EEA+Grant+%26+Loan+Guide&sid=Eoeea&b=terminalcontent&f=eoa_grants_grants_energy&csid=Eoeea</p> <p>Scott Durkee (617) 626-7356; Scott.Durkee@state.ma.us</p>	<p>Grants</p> <p>Local match— Appears to be 0%</p> <p>Average grant— \$30,000</p> <p>Maximum grant— \$100,000</p>		<p>Audits performed by contractors hired and paid by DOER</p>	<p>Based on website, current funding for program is uncertain</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Massachu- setts	DOER Green Communities Program	Energy and Emissions	Funding for energy conservation activities and projects Construction of alternate and renewable energy projects are also eligible. Eligible applicants— Cities, towns, and local government bodies	http://www.mass.gov/?pageID=eoeaterminal&L=4&L0=Home&L1=Grants+%26+Technical+Assistance&L2=Grant+%26+Loan+Programs&L3=EEA+Grant+%26+Loan+Guide&sid=Eoeea&b=terminalcontent&f=eea_grants_grants_energy&csid=Eoeea Meg Lusardi, (617) 626-7364; meg.lusardi@state.ma.us	Grants and loans			Based on website, current funding for program is uncertain
Massachu- setts	Office of Environment and Energy (OEE) Leading by Example Pilot Project Program	Sustain- ability	Sustainability projects Eligible applicants— State agencies	http://www.mass.gov/?pageID=eoeaterminal&L=4&L0=Home&L1=Grants+%26+Technical+Assistance&L2=Grant+%26+Loan+Programs&L3=EEA+Grant+%26+Loan+Guide&sid=Eoeea&b=terminalcontent&f=eea_grants_grants_energy&csid=Eoeea Janet Curtis (617) 626-1026; janet.curtis@state.ma.us	Grants Average grant— \$16,000 Information on matching share not included			Potentially available to Massport, but not local government airport owners Based on website, current funding for program is uncertain
Massachu- setts	Department of Fish and Game, Urban Rivers Program	Water quality	Funding to assist communities in turning urban rivers into assets	http://www.mass.gov/dfwele/der/riverways/programs/urbanrivers/index.htm Division of Ecological Restoration (617) 626-1540	Grants			Program not currently funded. Information provided for future reference
Massachu- setts	Historical Commission MA Preservation Projects Fund	Historic and cultural resources	Projects for preserving, restoring and acquiring historic properties Eligible applicants— Municipalities owning historic properties	http://www.sec.state.ma.us/mhc/mhcpdf/MPPF/MPPF_Rd_16_Instructions.pdf http://www.sec.state.ma.us/mhc/mhcmppf/mppfidx.htm Paul Holtz 617-727-8470; paul.holtz@sec.state.ma.us	Grants Local match—50% Local match can be reduced to 25%, if applicant invests 25% in a restricted endowment fund Pre-development grant range— \$5,000 to \$30,000	February– March— Solicitation of grants April 9— applications due June 9— Funding decisions made	Properties must be listed in State Register of Historic Places Projects must be completed within two years Two payments— First after 50% project costs spent	Nine selection criteria are used—listed at second URL in table Workshops offered for each round of grants List of prior grants

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
					Development grant range—\$7,500 to \$100,000	<p>July 8— Awardee acceptance letters due</p> <p>August 31— Pre-bid construction documents due</p> <p>October 15— Construction contractors selected or consultants selected for pre-development project</p> <p>November— Work must commence on project</p> <p>Hardcopy submission of applications</p>	<p>Second on completion of project</p> <p>Appropriate documentation required for both payments</p> <p>Perpetual preservation restriction and maintenance covenant required for development/ acquisition project</p> <p>Sponsor must have matching funds of 75% available at time of application to meet cash-flow requirements</p> <p>Preservation agreement for fixed term required for pre-development project</p>	available at http://www.sec.state.ma.us/mhc/mhcpr/mhcrnd10.htm
Michigan	Department of Energy, Labor & Economic Growth, Qualified Energy Conservation Bond (QECB) Program	Energy, emissions	<p>Projects to reduce greenhouse gas emission and energy consumption in public buildings</p> <p>Eligible projects include:</p> <ul style="list-style-type: none"> Capital projects that reduce energy consumption in public buildings by 20% or more 	<p>http://www.michigan.gov/dleg/0,1607,7-154-25676-236842-,00.htm</p> <p>http://www.michigan.gov/documents/dleg/QECB_Scoring_Criteria_323123_7.pdf</p>	<p>Tax Credit Bonds</p> <p>Issuer is responsible for repaying principal to bondholders. In lieu of interest, federal government provides tax credits on U.S. income taxes. QECB Credit is 70% of the U.S. Treasury calculated tax credit rate</p>	<p>June 7— Application period commences</p> <p>July 30— Application period closes</p> <p>Applications scored and reviewed as received</p>		<p>Applications scored on seven element rating system, specified at http://www.michigan.gov/documents/dleg/QECB_Scoring_Criteria_323123_7.pdf</p> <p>Participation in Michigan</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<ul style="list-style-type: none"> • Mass commuting facilities that reduce energy consumption • Demonstration projects for green building technology 			Applications must be submitted by U.S. Mail		Green Communities challenge is a positive factor. Additional information on this program available at second listed URL
Michigan	Division of Environmental Quality (DEQ), State Water Pollution Control Revolving Fund (SRF)	Water quality	Projects for construction of water pollution control facilities	Part 53, 1994 PA 451 http://www.michigan.gov/deq/0,1607,7-135-3307_3515_3517-207202--,00.html http://www.michigan.gov/deq/0,1607,7-135-3307_3515_4143---,00.html Revolving Loan and Operator Certification Section 517-373-2161	Low interest loans Interest rate—2.5%		DUNS number and registration on federal Central Contractor Registry required Buy America Davis-Bacon prevailing wages	Limited information available through website
Michigan	Department of Natural Resources and Environment (DNRE) Clean Water Fund	Water quality	Funds for projects to implement water quality improvements in voluntary storm water permits and to benefit high quality waters	http://www.michigan.gov/deq/0,1607,7-135-3307_3515-93611--,00.html	Unclear from website			Limited information available through website
Michigan	DNRE Section 319 nonpoint source pollution control grants	Water quality	Projects to reduce/eliminate nonpoint source pollution. Planning and implementation grants available Eligible applicants—State and local governments	Section 319 of Clean Water Act Pub. L 92-500 http://www.michigan.gov/deq/0,1607,7-135-3313_3682_3714-198563--,00.html http://www.michigan.gov/deq/1,1607,7-135-3313_3682_3714---,00.html	Grants Local match—25% for implementation project 10% for planning project Minimum grant—\$25,000	August 24—RFP issued September 16—Notice of Intent (NOI) due September 24—Invitations to submit full proposal	Recent clean audit Good standing with DNRE, with no DNRE grant revoked or terminated	Copy of RFP with funding priorities, evaluation criteria available at first listed URL Examples of projects available at

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				Bob Sweet 517-335-6967; Sweetr@michigan.gov		October 25— Full applications due NOI forms must be submitted electronically via e-mail Full applications must be delivered with five hard copies and one electronic copy		http://www.michigan.gov/deq/0,1607,7-135-3313_3682_3714-165122--,00.html
Michigan	DNRE Brownfield Redevelop- ment Loans	Brown- fields, hazardous waste	Projects for investigation and remediation of environmental contamination on sites that will be redeveloped Eligible applicants— Local governments	Part 196 of the Natural Resources and Environmental Protection Act, 1994 PA 451 http://www.michigan.gov/deq/0,1607,7-135-3311_4110_29262-151086--,00.html Susan Erickson 517-241-8707; ericksons@michigan.gov	Low interest loans Interest rate—1.5% Maximum loan— \$1 million	Continuous application process	Local government must pledge full faith and credit to repay the loan No payments or interest due for first five years Loan must be repaid in 15 years	Evaluation criteria include level of economic development, applicant and owner liability, environmental benefit. Listing of prior loans available at http://www.michigan.gov/documents/deq/deq-rrd-FY08ConsolidatedReport_272746_7.pdf — Appendix I of document
Michigan	DNRE Brownfield Redevelop- ment Grants	Brown- fields, hazardous wastes	Projects for investigation and remediation of environmental contamination on sites that will be redeveloped	Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451 http://www.michigan.gov/deq/0,1607,7-135-3311_4110_29262-151085--,00.html	Grants Maximum grant— \$1 million	Continuous application process	Only work done after execution of grant agreement is eligible. Project must result in economic benefit to community	Evaluation criteria include level of economic development, applicant and owner liability,

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Local governments	Susan Erickson 517-241-8707; ericksons@michigan.gov			exceeding grant amount from job creation, private investment and/or property tax increase	environmental benefit. Listing of prior grants available at http://www.michigan.gov/documents/deq/deq-rrd-FY08ConsolidatedReport_272746_7.pdf — Appendix H of document
Michigan	DNRE Revitalizing Revolving Loan	Brown- fields, hazardous waste	Funding to evaluate properties for contamination, demolish hazardous structures impeding development and for interim response actions Eligible applicants— Local governments	Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451 http://www.michigan.gov/deq/0,1607,7-135-3311_4110_29262-9307--,00.html Susan Erickson 517-241-8707; ericksons@michigan.gov	Low interest loan Interest rate—2% No minimum or maximum amount	Continuous application process	Local government must pledge full faith and credit to repay the loan No payments or interest due for first five years; loan must be repaid in 15 years Communities can use tax incremental financing to repay the loan	Listing of prior loans available at http://www.michigan.gov/documents/deq/deq-rrd-FY08ConsolidatedReport_272746_7.pdf — Appendix D of document
Michigan	DNRE Site Assessment Grants	Brown- fields, hazardous waste	Projects to assess contamination of properties with redevelopment potential Activities include baseline assessment, remedial investigation or developing proposed response activities	Parts 195 and 201 of the Natural Resources and Environmental Protection Act, 1994 of PA 451 http://www.michigan.gov/deq/0,1607,7-135-3311_4110_29262-151087--,00.html Susan Erickson 517-241-8707; ericksons@michigan.gov	Grants Maximum grant— \$1 million	Continuous application process		Limited funding available Listing of prior grants available at http://www.michigan.gov/documents/deq/deq-rrd-FY08ConsolidatedReport_272746_7.pdf — Appendix G of document

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Michigan	DEQ Community Pollution Prevention Program	Solid waste, pollution	Projects to further goals of pollution prevention program Eligible applicants— County governments	http://www.michigan.gov/ documents/deq/deq-essd- grantsloans- catalog_210643_7.pdf (Note: this URL is a link to the DEQ/DNER catalogue of grant and loan programs.) Richard Alexander 989-705- 3433; alexandr@michigan.gov	Grants Local match—25%	Timelines and deadlines to be determined	Project must meet statutory definition of pollution prevention Project must result in measurable reduction in waste	Funding availability and matching requirements subject to change annually
Michigan	Bureau of Energy Systems	Energy, emissions	Various energy efficiency support programs	Part 145, Waste Reduction Assistance, of the Natural Resources and Environmental Protection Act, 1994 PA 451 http://www.michigan.gov/dleg/ /0,1607,7-154-25676--- ,00.html	Miscellaneous	N/A	N/A	Listed URL provides links to various energy efficiency programs. Information on these programs posted on the web does not readily fit into this matrix. URL link is listed for the reference of airports in Michigan and their counsel.
Minnesota	Department of Commerce E-85 Station funding	Energy, greenhouse gasses	Construction of E-85 fueling stations	http://www.state.mn.us/portal/ mn/jsp/content.do?id=- 536893811&contentid=53688 5915&contenttype=EDITORI AL&programid=536917180& agency=Energy	Grants Local match—25% Maximum grant— \$15,000			Limited information available on the web
Minnesota	Department of Employment and Economic Development (DEED) Contamina-	Brown- fields, hazardous waste	Grants to finance investigation and cleanup of contaminated sites to prepare for public or private redevelopment	http://www.positivelyminnesot a.com/Government/Financial_ Assistance/Site_Cleanup_Red evelopment_Funding/Contami nation_Cleanup_Investigation _Grant_Program.aspx	Grants Local match—25% Maximum grant— \$50,000 for investigation or development of	Two application cycles per year Applications due on May 1 and November 1	Pre-grant expenditures not eligible unless pursuant to a RAP approved within 180 days before grant	Six evaluation criteria are applied and identified in listed URL Application form

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	tion Cleanup and Investigation Grant Program		Eligible applicants— Cities, counties, and port authorities	Kristin Lukes 651-259-7449 kristin.lukes@state.mn.us	Response Action Plan (RAP)	Hardcopy applications only—original and 2 copies	Appraisal or recent tax assessment required 12% of local match must come from general funds or other unrestricted funds Annual reporting requirements	downloadable at http://www.positivelyminnesota.com/Government/Financial_Assistance/Site_Cleanup_Redevelopment_Funding/Contamination_Cleanup_Grant_Application_Part_1_FY_10-11.pdf Links to other program forms available at listed URL List of prior grants available at listed URL
Minnesota	DEED Minnesota Cleanup Revolving Loan Fund	Brown- fields, hazardous waste	Projects to clean up contaminated sites that can be returned to marketable use Eligible applicants— Cities, counties, and port authorities	http://www.positivelyminnesota.com/Government/Financial_Assistance/Site_Cleanup_Redevelopment_Funding/Minnesota_Cleanup_Revolving_Loan_Program.aspx Kristin Lukes 651-259-7449 kristin.lukes@state.mn.us			Applicant must own or control property Site must be enrolled in Minnesota Pollution Control Agency Voluntary Cleanup Program Site must have approved Response Action Plan Applicant cannot have caused or worsened the contamination	Links to application and other program forms available at listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Minnesota	DEED Redevelop- ment Grant Program	Brown- fields, hazardous waste	Projects for redevelopment of contaminated sites. Funds can be used for acquisition, demolition, remediation, and infrastructure	<a href="http://www.positivelyminnesot
a.com/Government/Financial_
Assistance/Site_Cleanup_Red
evelopment_Funding/Redevel
opment_Grant_Program_3.
aspx">http://www.positivelyminnesot a.com/Government/Financial_ Assistance/Site_Cleanup_Red evelopment_Funding/Redevel opment_Grant_Program_3. aspx Kristin Lukes 651-259-7449 kristin.lukes@state.mn.us	Grants Local match—50%	August 2— Applications due Paper copies only accepted with original and two copies	Appraisal or tax assessment required Implementation workshop required for new grantees Annual progress report required	Five element rating system described in application package Links to application, other program forms and past grant information available at listed URL
Minnesota	Department of Natural Resources (DNR) Flood Hazard Mitigation Grant Assistance Program	Water resources, flood plains	Projects for planning and implementing structurally and nonstructural measures to mitigate risks, including acquisition of structures in flood plains Eligible applicants— Local governmental units	<a href="http://www.dnr.state.mn.us/
grants/water/flood_hazard.html">http://www.dnr.state.mn.us/ grants/water/flood_hazard.html <a href="http://files.dnr.state.mn.us/
waters/watermgmt_section/
flood_damage/guidebook.pdf">http://files.dnr.state.mn.us/ waters/watermgmt_section/ flood_damage/guidebook.pdf Pat Lynch (651) 259-5691; pat.lynch@dnr.state.mn.us	Grants Local match—50% Maximum grant— \$150,000	June 1 applications due	Progress reports required	Guidebook available at second listed URL includes application form and samples of other required documents
Minnesota	State Historic Preservation Office (SHPO), Historic and Cultural grants	Historic and cultural resources	Acquisition, restoration, and preservation of historic properties For construction grants, properties must be listed on National Register For other grants, properties must be listed, eligible for listing or designated under local ordinance Eligible applicants— Local governments	<a href="http://www.mnhs.org/legacy/
grants/manual/general.htm">http://www.mnhs.org/legacy/ grants/manual/general.htm <a href="http://www.mnhs.org/legacy/
grants/manual/historic
properties">http://www.mnhs.org/legacy/ grants/manual/historic properties grants@mnhs	Grants Matching funds optional	Application and review process varies by size of grant Deadline for small and structured grants (under \$7,000) are the last Friday of each month. Deadlines not established for larger grants Pre-applications recommended	Work must be completed to national standards State grant management standards must be followed For develop grant must execute agreement to maintain the property. Duration of agreement depends on amount of grant	Information contained on numerous linked web pages, which can be accessed from first listed URL Complete grants manual downloadable at http://www.mnhs.org/ legacy/grants/ manual/docs_ pdfs/Grants Manual.pdf

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						for mid-size and large grants Applications can be completed and submitted on line or in hard copy	Development grants over \$25,000 are subject to Minnesota's prevailing wage law	List of previous grants available at http://www.mnhs.org/legacy/grants/funded/index.htm
Minnesota	SHPO State Capital Grants	Historic and cultural resources	<p>Preservation or restoration of historic properties</p> <p>Eligibility limited to public buildings and for acquisition or capital projects</p> <p>Projects must be for restoration/preservation or building systems and accessibility</p> <p>Eligible applicants— Governmental units eligible for state bond funds</p>	<p>http://www.mnhs.org/shpo/grants/state_capital_grants/index.htm</p> <p>http://www.mnhs.org/shpo/grants/state_capital_grants/docs_pdfs/2010capital_manual.pdf</p> <p>Mandy Skypala 651-259-3458; mandy.skypala@mnhs.org</p>	<p>Grants</p> <p>Local match—50%</p> <p>Minimum grant—\$10,000</p> <p>Maximum grant—\$100,000</p>	Pre-application required	<p>Previous grant recipients may not apply until any overdue final reports are approved by SHPO</p> <p>Any management or lease agreements with nonprofits must be submitted at pre-application stage</p> <p>Projects should be completable in 12 months</p> <p>State prevailing wage requirements for grants exceeding \$25,000</p> <p>Final reports due within 30 days of project completion</p> <p>Letter of agreement to maintain property—10 years for grants up to \$25,000; 20 years for grants above \$25,000</p>	<p>Grants over \$75,000 are rare</p> <p>Consultation with SHPO grants staff before pre-application recommended</p> <p>Information on past grants available at first listed URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Minnesota	Department of Transportation Airport State Construction Program	Airport planning and develop- ment	<p>Planning and development projects for airports</p> <p>Airports must be licensed for public use and properly zoned</p> <p>Airports must be in state airport system</p> <p>Eligible applicants— Cities, counties, and townships</p>	<p>Minnesota Statutes, Chapter 360</p> <p>http://www.dot.state.mn.us/aero/avoffice/airportdevelopment/fundingprograms.htm</p>	<p>Grants</p> <p>30% local match for NPIAS Airport</p> <p>20% local match for non-NPIAS airports</p>			<p>List of eligible airports and DOT staff available at: http://www.dot.state.mn.us/aero/avoffice/airportdev.html#tech</p>
Minnesota	Board of Water and Soil Resources (BWSR) Clean Water grants	Water quality	<p>Various clean water programs including:</p> <ul style="list-style-type: none"> Clean Water Assistance Grants to keep water on land Conservation Drainage Grants for pilot programs to retrofit existing drainage systems with water quality improvements <p>Eligible applicants— Counties are eligible for former; counties and cities are eligible for latter</p>	<p>http://www.bwsr.state.mn.us/grants/index.html</p> <p>http://www.bwsr.state.mn.us/grants/RFP%20FY2011%208-4-10%20FINAL.pdf</p>	<p>Grants</p> <p>Local match—25%</p> <p>Minimum grant request— \$30,000 (actual grants may be less if partial award)</p>	<p>August 24— Application period begins</p> <p>September 15— Applications due</p> <p>December 16— Award notices sent</p> <p>January— February—grant agreements sent</p>	<p>Applicants must have approved water/watershed plan by November 1</p> <p>BMPs must have minimum 10-year life span</p> <p>Capital development must have a minimum 20-year life span</p> <p>Applicants spending less than 50% of prior grants must demonstrate financial and organizational capacity</p> <p>If applicable, projects must use plants of Minnesota ecotypes and preferably local ecotypes</p>	<p>Additional policy guidance and application forms available at first listed URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Mississippi	Department of Archives and History Community Heritage Preservation Grant Program	Historic and cultural resources	<p>Projects for preserving, restoring historic properties</p> <p>Unless property is located in a CLG community, work is limited to public schools and courthouses</p> <p>Eligible applicants— State, county, and municipal governments</p>	<p>http://mdah.state.ms.us/hpres/ grants.php</p> <p>http://mdah.state.ms.us/CHPG -rd7-app.pdf</p> <p>Mingo Tingle 601-576-6952.; mtingle@mdah.state.ms.us</p>	<p>Grants</p> <p>Local match—20%</p>	<p>October 9— Applications due</p> <p>December— Grant selection and notification</p> <p>February— Grant workshop, distribution of grant agreements</p>	<p>Properties must be designated a Mississippi Landmark before application</p> <p>Grant workshop is mandatory</p> <p>Grants paid on reimbursable basis after completion of the project. Applicants must cover entire cost of project out of pocket</p> <p>Grants must be completed by December in the year after execution of grant agreement</p> <p>Contracts awarded before execution of agreement ineligible for reimbursement</p> <p>Work must be performed to Department of Interior Standards</p> <p>Project professional meeting standards of 36 CFR Part 61 required for most projects</p>	<p>List of CLG communities in document available at second listed URL</p> <p>Priority for:</p> <ul style="list-style-type: none"> • Endangered properties • Properties producing high level of public benefit • Projects that best preserve historic building features <p>Additional factors listed in document at second listed URL</p>
Mississippi	Mississippi Department of Environmen-	Water quality	Projects to reduce or mitigate nonpoint source pollution	http://deq.state.ms.us/MDEQ. nsf/page/NPS_Section_319_ Funding?OpenDocument	<p>Grants</p> <p>Local match—40%</p>			Priorities based on five- year cycle of State's

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	tal Quality (MDEQ) Nonpoint Source Pollution Program grants		Eligible applicants— State and local governments and universities					Rotating Basin Management Approach, described at http://deq.state.ms.us/MDEQ.nsf/page/WMB_About_BMA?OpenDocument Listed URL indicates limited funding may be available at this time
Mississippi	MDEQ Water Pollution Control Revolving Loan Fund	Water quality	Water pollution control projects Eligible applicants— Counties, municipalities, authorities	http://deq.state.ms.us/MDEQ.nsf/page/SRF_Water_PC_RLP?OpenDocument http://deq.state.ms.us/MDEQ.nsf/pdf/SRF_CW_Regs_FY05/\$File/final%20regs%20fy2005.pdf?OpenElement	Low interest loans Interest rate set annually in Intended Use Plan 5% administrative fee is charged, and is collected in lieu of interest	Timelines established annually Pre-planning conference required	Registered consulting engineer required	Additional background documents available at first listed URL
Mississippi	Ground Water Trust	Water quality	Compensation for cleanup of motor fuel spills from underground storage tanks, including up to \$1 million in third- party damages Eligible applicants— Tank owners	http://deq.state.ms.us/MDEQ.nsf/page/Main_Grants-Loans-TFunds http://deq.state.ms.us/MDEQ.nsf/pdf/UST_Tfundq&a/\$File/Tfundq&a.pdf?OpenElement	Reimbursement for expenses No local match appears to be required		Prior approval required for reimbursable expenditures	
Mississippi	Aeronautics Division	Airport develop- ment and planning	Funding for airport construction in Mississippi. Program provides a portion of local matching share for AIP grants and state only grants	http://www.gomdot.com/Divisions/IntermodalPlanning/Aeronautics/Home.aspx Tommy Booth 601-359-7850	Grants Local match—½ of AIP local match requirement for AIP-funded projects			Limited information on website

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Missouri	Environmental Improvement and Energy Resources Authority (EIERA) Brownfields Revolving Loan Fund	Hazardous waste	Cleanup projects enabling redevelopment of brownfield sites Sub-grants available in extraordinary circumstances	http://www.dnr.mo.gov/eiera/brownfieldsRLF.htm EIERA at (573)751-4919; eiera@dnr.mo.gov	Low interest loan Maximum interest rate—3% Maximum sub-grant—\$100,000	Pre-application required to determine site and applicant eligibility Hard copy of application required		Application forms and information on prior loans included at listed URL
Missouri	Department of Natural Resources (DNR) Water Protection Program (section 319)	Water quality	Projects to reduce nonpoint source pollution Eligible applicants— State and local agencies	Clean Water Act, Section 319(h) Pub. L 92-500 http://www.dnr.mo.gov/env/wpp/nps/index.html http://www.dnr.mo.gov/env/wpp/nps/319overview.htm http://www.dnr.mo.gov/env/wpp/nps/319nps-proj-req.htm	Grants Local match—40% Minimum grant—\$5,000 Maximum grant \$1,000,000		For mini-grants (up to \$10,000) projects must be completed in 2 years. For regular grants projects must be completed in 4 years	Priority for projects to restore waters on state's impaired waters list due to nonpoint source pollution Links to applicant resources available at first listed URL Link to application package at third listed URL 11 criteria applied to evaluate proposals identified at third listed URL
Missouri	DNR Energy Revolving Fund	Energy, emissions	Energy efficiency projects Eligible applicants— Cities, counties and universities	http://www.dnr.mo.gov/energy/financial/loan.htm http://www.dnr.mo.gov/energy/financial/loan.htm	Low interest loans Maximum interest rate—0% (for FY 2010)	Two loan cycles annually Cycle 1:	Maximum loan term—10 years Applicants with ongoing	Application forms and information on prior loans available at

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				Jefferson City: Bernard Thompson, 573-751-3443 • Kansas City: Bob Painter, 816-759-7313, ext. 2263 • St. Louis: Bill Warner, 314-416-2960	1% loan origination fee Maximum loan—\$1 million	April 1—Applications due June 30—Loans awarded Cycle 2: July 1—Earliest application date Oct 15—Applications due December 31 Loans awarded	enforcement issues not eligible	first listed URL
Missouri	DNR Historic Preservation Grants	Historic and cultural resources	Funding for identification, evaluation registration and protection of cultural resources Eligible applicants—Local governments that are designated as Certified Local Governments	http://www.dnr.mo.gov/shpo/grants.htm http://www.dnr.mo.gov/shpo/certifie.htm Jo Ann Radetic 573-522-2473; jo.ann.radetic@dnr.mo.gov	Grants Local match—40% Maximum grant—\$25,000 (as a matter of policy)	June—Applications available		Limited information on website
Missouri	DNR Historic Preservation Revolving Fund	Historic and cultural resources	Various financial tools to assist in preserving historic properties Properties must be listed on National Register	http://www.dnr.mo.gov/shpo/revfund.htm	Various funding mechanisms			Examples of projects available at listed URL
Missouri	DNR Petroleum Storage Tank Insurance Fund	Petroleum spills	Cleanup of releases from petroleum storage tanks Eligible applicants—Tank owners	http://www.pstif.org/ http://www.pstif.org/faq_claims.html	Insurance program \$10,000 deductible	Continuous	Tank must be registered with Department of Natural Resources and participate in insurance program	Claim forms and payment request forms available at first listed URL
Missouri	Department of Transportation, Aviation Division State	Airport development and planning	Airport planning and development projects	http://www.modot.mo.gov/othertransportation/aviation/aviationgrantdoc.htm	Grants Information on match, funding	Information not included	Projects must be completed to state standards and	Extensive information on forms, standards and

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Aviation Trust Fund Program		Eligible applicants— Public-owned airports		limits not included		certain federal standards	procedures included at listed URL
Montana	Department of Environ- mental Quality (DEQ) Alternative Energy Revolving Loan Program	Energy, emissions	Projects for installation of alternative energy sources. Energy saving projects may be included in loan Alternative energy sources include: <ul style="list-style-type: none"> • Fuel cells • Geothermal systems • Low emission wood or biomass • Wind • Photovoltaic • Small hydropower plants (under 1 megawatt) Energy efficiency measures include: <ul style="list-style-type: none"> • Insulation • Efficient windows or doors Eligible applicants— Owners of residential or commercial property	http://deq.mt.gov/energy/ renewable/altenergyloan.mcp Roxanne Lincoln (406) 841- 5214; rlincoln@mt.gov	Loan program Interest rate—4% Maximum loan— \$100,000	Continuous application process	Loans approved based on technical and financial review Permits and bid documents normally required before loan issued 10-year payback for loans up to \$40,000 15-year payback for larger loans Loans secured by lien on equipment acquired and sometimes by junior lien on real estate where project located Fees are charged and may be paid from loan, subject to loan ceiling	Net metering (selling any surplus generated energy) allowed by some utilities for low power systems
Montana	DEQ Water Pollution Control State Revolving Fund	Water quality	Nonpoint source pollution control projects Eligible applicants— Municipalities	http://www.deq.mt.gov/wqinfo /srf/WPCSRF/default.mcp http://www.deq.mt.gov/wqinfo /srf/srf-who.mcp#wpc http://www.deq.mt.gov/wqinfo /srf/srf-how.mcp	Low interest loans Interest rate—3.5%	Application process starts in May Applications processed on first-come, first- served basis Must complete the Uniform	Project must be on the priority list of the Intended Use Plan to be considered for a loan Must show financial capacity to operate/maintain	If ranking required, primary consideration is water quality or public health benefits Application form available

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						Application Supplement	project and pay back the loan Loan secured by bond or note Maintain financial records 20-year term	at third listed URL
Montana	DEQ Section 319 Grant Program	Water quality	Projects to reduce or eliminate nonpoint source pollution Eligible applicants— Government entities	http://www.deq.mt.gov/wqinfo/nonpoint/319Grants.mcp Robert Ray (406) 444-5319; rray@mt.gov	Local match—40% Recommended grant range for watershed grants—\$20,000 to \$300,000 Recommended range for ground water protection/restoration grants—\$20,000 to \$100,000	July 1—Call for applications issued September 7—Application workshop October 1—Draft applications due October 25—Comments on applications due to applicants December 7—Notice of intent to award issued January 5—Final work scopes due February 1—State applications due to EPA April 1—Agreements sent to sponsors for execution February 15—Signed agreements due from sponsor	Applicants must show financial and technical capacity to manage grants and project Applicants must document past grants and performance with DEQ and other state agencies	Link to program goals and priorities at http://www.deq.mt.gov/wqinfo/nonpoint/2007NONPOINTPLAN/Final/NPSPlan.pdf Projects to implement TMDL receive special consideration. List of approved TMDLs is available at http://www.deq.mt.gov/wqinfo/TMDL/finalReports.asp Call for applications provides detailed information on completing draft and final applications. This document and other

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						and funds available		forms available at listed URL
Nebraska	Energy Office Dollar and Energy Savings Loans	Energy and emissions	Various projects to reduce fossil fuel energy consumption and emissions A variety of projects and programs are available Eligible applicants— Local governments	http://www.neo.ne.gov/loan/ index.html#get	Low interest loans Interest rate—2.5% or 5%, depending on program and project	Continuous application project Application process as follows: 1. Applicant obtains bid for work 2. Submit bid and loan application to eligible lender 3. After credit review, lender sends application to Energy Office for commitment of funds	Loan term • 15 years for building improvements • 5 years for appliance or home electronic replacement • 10 years for all others	Listed URL includes complete information on program, eligibility, and forms
Nebraska	Department of Environmen- tal Quality (DEQ) Litter Reduction and Recycling Grants Program	Solid waste	Solid waste reduction and recycling initiatives Eligible applicants— Political subdivisions and public	http://www.deq.state.ne.us/	Grants Local match not required for public agencies, but match will increase priority	July—Grant packet released September 15— applications due Hard copy of application required— original and six copies	Cost estimate or bid from three sources is normally required but may be waived for significant construction projects proposed by political subdivisions, based on generally applicable procurement requirements.	Grant application packet available at listed URL. Project priorities listed in packet

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Recycled purchasing encouraged	
Nebraska	DEQ Nonpoint Source Pollution Management Program	Water quality	Projects to reduce, eliminate nonpoint source pollution Eligible applicants— Subunits of government, universities and nonprofits	Section 319 of Clean Water Act Pub. L 92-500 http://www.deq.state.ne.us/ Elbert Traylor (402) 471- 2585; Elbert.Traylor@nebraska.gov	Grants Local match—40%	July 22— Invitation for proposals released September 7— Proposals due October 26— Proposals selected December 14 Implementation Plan submitted to EPA March 15— Agreements developed June 1— Funding made available by EPA Proposals submitted by e-mail in word document format Projects are subject to final approval by EPA.	Projects must address state priority NPS water body or watershed or a NPS priority concern Project must produce measurable improvement in water quality Project must be completed in three years	Focus on implementat- ion of best management practices to control specific pollutants listed in watershed management plan Invitation for proposals includes list of priority watersheds and water bodies. Invitation and other documents for submitting proposal are available at the listed URL
Nebraska	DEQ Targeted Brownfields Section 128(a) Assessment Grants	Brown- fields, hazardous waste	Funding of environmental site assessments for brownfields with redevelopment potential Eligible applicants— Communities and counties planning to redevelop sites	http://www.deq.state.ne.us/ Charlene Sundermann 402- 471-6411; Charlene.sundermann@ndeq. state.ne.us	Direct contract between DEQ and contractors Local match—0%	Continuous application process Applications by regular mail or e-mail	Must include access agreement with application	Advance communica- tion with Voluntary Cleanup Coordinator recommended before filing application.

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								Listed URL provides links to application and access agreement forms Work performed by DEQ contractors under direct contract to DEQ. DEQ provides assessment reports to applicants
Nebraska	DEQ Deconstruction Grants Program	Solid waste	Funding to support demolition of abandoned buildings and recycling of demolished building materials	LB 180, passed in 2009 http://www.deq.state.ne.us/ Steve Danahy 402-471-0273	Grants		Application must include an inventory of materials that will be recycled or reused	Appears to be a new program. Website states application is under construction.
Nebraska	DEQ Petroleum Release Remedial Action Reimbursement Fund	Petroleum release	Reimbursement for costs of remediation of petroleum release Eligible applicants— Owners of tank at time of release	http://www.deq.state.ne.us/ Petroleum Remediation Program (402) 471-8329	Reimbursement program, similar to insurance Deductible— \$10,000 Local match—25% of the next \$60,000 Lower deductible and matching share for low volume tank	Applications due within 1 year of compliance date established by DEQ following report of release	Must report release to DEQ	Additional forms and information available at listed URL
Nebraska	Nebraska Environmental Trust	Various environmental and natural resources	Projects that provide environmental benefits and are within the Trust's funding categories	http://www.environmentaltrust.org/grants/eligibility.html http://www.environmentaltrust.org/grants/priorities.html Mark Brohman: mark.brohman@nebraska.gov	Grants No local match required, but amount of grant considered as a ranking factor	September 6— Applications due April 7—Grants announced	Grants must be completed in three years Government applicants may use their standard	Full list of eligibility requirements available at first listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<p>Funding categories include air quality, ground and surface water, solid waste reduction</p> <p>Projects must provide clear and direct environmental benefit and must provide public, rather than private benefits</p> <p>Eligible applicants— Any person if project meets eligibility requirements</p>			<p>Applications can be submitted electronically or by hard copy.</p> <p>Electronic submission requires follow-up hard copy</p>	<p>procurement practices</p> <p>Equipment purchased with grants must be used for grant purpose for useful life of the equipment</p> <p>Real property must be dedicated to grant purpose in perpetuity</p> <p>Sale or land or equipment requires approval of Trust</p>	<p>Full listing of project categories and links to forms available at second listed URL</p> <p>Rating criteria listed at: http://www.environmentaltrust.org/grants/rating.html</p> <p>2010 application summaries at: http://www.environmentaltrust.org/grants/pdf_docs/2010%20App%20Summary.pdf</p> <p>2010 project ranking list at: http://www.environmentaltrust.org/docs/pdf/2010%20Final%20Rank%20Order%20List-4-1-10.pdf</p>
Nevada	Nevada Division of Environmental Protection (NDEP) Brownfields Grant Program	Brown-fields, hazardous waste	<p>Projects for assessment and, if necessary cleanup of brownfield sites</p> <p>Eligible applicants— Local governments and certain nonprofits</p>	<p>http://ndep.nv.gov/BCA/brownfield_state-grant.htm</p> <p>http://ndep.nv.gov/BCA/file/brownsfield_application.pdf</p> <p>Lisa Johnson 775-687-9379: l_johnson@ndep.nv.gov</p>	Grants		Completed Environmental Site Assessment, Phase I and Phase II	Grants limited to projects for which other financing not available and which provide a demonstrated benefit to the community.

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Nevada	NDEP Brownfields Revolving Loan Fund	Brown- fields, hazardous waste	Funding to support redevelopment of brownfield site Eligible activities include site control procedures, containment, confinement, control and removal of hazardous materials. Construction is not eligible Eligible applicants— Developers and site owners	http://ndep.nv.gov/BCA/ BROWNFLD.HTM http://ndep.nv.gov/BCA/file/ brochure_rlf.pdf http://ndep.nv.gov/BCA/ brownfld_loans.htm Lisa Johnson 775-687-9379: l_johnson@ndep.nv.gov	Low interest loans	Application requires \$250 nonrefundable application fee		Parties responsible for contamination are not eligible to apply Forms and additional information available at third listed URL
Nevada	NDEP Clean Water Revolving Loan Fund	Water quality	Wastewater treatment or nonpoint source pollution control projects	NAC 445A.685 to NAC 445A.805 http://ndep.nv.gov/bffwp/ srlf01.htm	Low interest loans or loan guarantee	Continuous application process	Before loan request complete a facility plan NDEP approval of facility plan and plans and specifications for the project All legal requirements for public sale of bonds must be followed	Application documents and additional background documents available at listed URL
Nevada	Bureau of Water Quality Planning, Non-point Source Implementati on Grants	Water quality	Projects to implement nonpoint source pollution reduction measures	http://ndep.nv.gov/bwqp/ npsgrnt.htm	Grants Local match—50%			List of statewide projects included at listed URL
Nevada	NDEP Petroleum Claims Fund	Petroleum releases	Reimbursement of cleanup costs for accidental release Eligible applicants— Tank owners	NRS 590.700 through 590.920 NAC 590.700 through 590.790 http://ndep.nv.gov/BCA/ petrofnd.htm	Cost reimbursement	Board meets four times per year Claims due 45– 60 days before meeting		Forms and prior decisions of board available at fourth listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				http://ndep.nv.gov/BCA/FUNDHOME.htm B. Kottler (775) 687-9374: bkottler@ndep.nv.gov				
Nevada	Department of Transportation Aviation Trust Fund	Airport planning and development	Funds for local match of airport planning and development projects at small Nevada airports Eligible applicants— Airports except those owned by Clark County and Reno–Tahoe Airport Authority	NRS 494.048 http://www.nevadadot.com/traveler/aviation/TrustFund.asp	Grants Trust fund pays entire local match for AIP grants at eligible airports			Current availability of funds unclear
New Hampshire	New Hampshire Department of Environmental Services (DES) Brownfields Cleanup Revolving Loan Fund (RLF)	Brownfields, hazardous waste	Projects for cleanup of contaminated brownfields sites, including developing cleanup plans, site access control, and implementation of contamination containment and removal Eligible applicants— Municipalities, quasi-governmental agencies, tribal organizations, and site owners	New Hampshire RSA 147-F:20 http://des.nh.gov/organization/divisions/waste/hwrp/sss/brownfields/categories/grants.htm http://des.nh.gov/organization/commissioner/pip/factsheets/rem/documents/rem-7.pdf Brownfield RLF Program (603) 271-2183	Low interest loans Interest rate—3% Applicant must supply 20% cost share based on principal amount No maximum amount, but past loans have ranged from \$75,000 to \$930,000	Continuous application process Applications submitted to DES Credit worthiness review by New Hampshire Department of Treasury for public applicants	\$250 application fee Phase I environmental site assessment and redevelopment plan must be submitted with application Information on environmental benefits, socioeconomic benefits of project and environmental compliance history of borrowers required Repayment in five years or less generally required	Application form available at: http://des.nh.gov/organization/divisions/waste/hwrp/sss/brownfields/documents/bcrlf_loan_app.pdf Funds for program awarded by EPA. Information on EPA policies and requirements available at: www.epa.gov/region1/brownfields/funding/general.htm
New Hampshire	DES Brownfields grants	Brownfields, hazardous waste	Funds for cleanup of brownfield sites Specific amounts	http://des.nh.gov/organization/divisions/waste/hwrp/sss/brownfields/categories/grants.htm	Grants Local match—20%	December 5— Notice of grant opportunity	Grantee must be sole owner of property and maintain sole title	Funds not currently available for program

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<p>allocated for petroleum contamination and hazardous substances including asbestos</p> <p>Eligible applicants—Municipalities, quasi-governmental agencies and tribal organizations</p>	<p>http://des.nh.gov/organization/divisions/waste/hwrp/sss/brownfields/documents/bcrf_guidance_application.pdf</p> <p>H. Keith DuBois (603) 271-2987: Keith.DuBois@des.nh.gov</p>		<p>February 15—Applications due</p> <p>March 15—Notice of eligibility and completeness determinations</p> <p>April 15—Notification of selection</p> <p>Hardcopy applications (4 copies) or PDF applications by e-mail accepted</p>	<p>throughout cleanup</p> <p>Phase I and Phase II environmental site assessments required</p> <p>Project must be completed within one year, including development of cleanup plan and full implementation</p>	<p>Information included to provide comprehensive resource on funding opportunities</p> <p>Funds for program awarded by EPA. Information on EPA policies and requirements available at: www.epa.gov/region1/brownfields/funding/general.htm</p> <p>Grant funds cannot be used to comply with legal requirements</p> <p>Applications rated using a weighted point system described in document at second listed URL</p> <p>Application form available at second listed URL</p>
New Hampshire	DES Brownfields Cooperative Assessment Grant	Brownfields, hazardous waste	Brownfield site inventorying, identification of sites and preparing cleanup planning documents EPA funded grant	<p>http://des.nh.gov/organization/divisions/waste/hwrp/sss/brownfields/categories/grants.htm</p> <p>http://des.nh.gov/organization/divisions/waste/hwrp/sss/brow</p>	Direct services provided by DES			Summaries of sites already in program available at second URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			supports direct services provided by DES Eligible applicants—Municipalities, quasi-government agencies and nonprofits	nfields/coalition_assessment_grant.htm H. Keith DuBois (603) 271-2987; Keith.DuBois@des.nh.gov.				It is not clear if the program still has openings
New Hampshire	DES Clean Water State Revolving Loan Fund	Water quality	Funding for three categories of projects The category of nonpoint source pollution has most applicability to airports Eligible applicants—municipal governments and quasi-government agencies, based on list of selected projects	http://des.nh.gov/recovery/clean_water_funding.htm Eric Williams (603) 271-2358; eric.williams@des.nh.gov	Low interest loans Charge rates (interest plus fees) vary by term of loan 5 yr—0.9225% 10 yr—1.8450% 15 yr—2.7675% 20 yr—2.9520%		Funding through ARRA Davis–Bacon Act Wage rates and Buy America requirements ARRA reporting and record-keeping requirements Certificate of final completion	Funding through ARRA: unclear if loan funds still available Funding based on DES intended use plan for each category Listed URL includes links to application and reporting forms, intended use plans for each category and final project priority listings
New Hampshire	DES, DERA Funding Program	Air quality, emissions	Purchase of diesel emission reduction technology or low emission replacement vehicles: Specific projects relevant to airports are: <ul style="list-style-type: none"> • Verified Retrofit Technologies • Verified Idling Reduction Technologies • Cleaner Fuel Use • Engine Repower 	http://des.nh.gov/recovery/dera_funding.htm http://des.nh.gov/recovery/dera_funding_update.htm#2010may Rebecca Ohler (603) 271-6794; Rebecca.ohler@des.nh.gov	Grant programs Local match depends on project category: Retrofit—100% Idle reduction—100% Cleaner fuel—100% Engine repower—75%	March 4—RFP issued March 13—Proposals due Proposals accepted in hard copy or by e-mail	For repower or replacement projects, old engine or vehicle must be scrapped or engine returned to original manufacturer.	Summary of funded projects and most recent RFP available at second listed URL Selection criteria available at: http://des.nh.gov/recovery/documents/arra_dera_

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<ul style="list-style-type: none"> • Engine Upgrades • Vehicle and Equipment Replacements <p>Eligible applicants— Public and private sector diesel fleet or equipment owners</p>		<p>Engine upgrade— 100%</p> <p>Replacements— incremental cost of replacement up to 25% of vehicle cost</p>			table_footnotes.pdf
New Hampshire	DES, Watershed Funding Grants for Impaired Waters	Water quality	<p>Projects to address, control, or abate nonpoint source pollution affecting impaired watersheds</p> <p>Eligible applicants— Municipalities and state agencies</p>	<p>Clean Water Act, section 319, Pub. L 92-500</p> <p>http://des.nh.gov/organization/divisions/water/wmb/was/categories/grants.htm</p> <p>http://des.nh.gov/organization/divisions/water/wmb/was/grant_resources.htm#applicants</p> <p>Jeff Marcoux (603)271-8862: jeffrey.marcoux@des.nh.gov</p> <p>Eric Williams (603)271-2358: eric.williams@des.nh.gov</p>	<p>September 3—Pre-proposals due</p> <p>September–October—Interviews with successful pre-proposal submitters</p> <p>December 3—Full proposals due</p> <p>January 7—submit selected proposals to EPA</p> <p>January–February—submit grant agreements to successful applicants</p> <p>April–May—grant agreements approved</p> <p>May—project may commence</p>	<p>Five paper copies and one electronic copy required. E-mail preferred for electronic copy unless file is too large. Electronic copy in Microsoft Word or PDF</p>	<p>Projects must address goals in the New Hampshire Nonpoint Source Management Plan</p> <p>Projects must include method for verifying success (measuring pollution reduction)</p> <p>Competitive bidding and good faith effort to hire DBEs required</p> <p>DES subcontracting and procurement requirements must be followed</p> <p>Semi-annual reporting requirement</p>	<p>Forms and data on recent grants available at second listed URL</p> <p>Focus of grant program appears to be on water management entities</p>
New Hampshire	DES Watershed Funding Grants for High Quality Waters	Water quality	<p>Projects to prevent degradation of waters that currently exceed standards</p> <p>Eligible applicants— Municipalities and state agencies</p>	<p>Clean Water Act, section 319, Pub. L 92-500</p> <p>http://des.nh.gov/organization/divisions/water/wmb/was/categories/grants.htm</p> <p>http://des.nh.gov/organization/divisions/water/wmb/was/qapp/index.htm</p>	<p>Grants</p>	<p>September 3—Pre-proposals due</p> <p>October—select projects for full proposals</p> <p>December 3—full proposals due</p>	<p>Project must develop or implement a watershed based plan</p> <p>Project must meet a goal in the New Hampshire Non-point Source Management Plan</p>	<p>Projects evaluated based on five criteria assigned equal weight and listed in the RFP. RFP can be accessed from first listed URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				<p>Jeff Marcoux (603)271-8862: jeffrey.marcoux@des.nh.gov</p> <p>Eric Williams (603)271-2358: eric.williams@des.nh.gov</p>		<p>January 7— submit selected proposals to EPA</p> <p>January– February—send agreements to applicants for signature</p> <p>April-May— final approval by state</p>	<p>Projects must include method for verifying success (measuring pollution reduction)</p> <p>Projects must follow New Hampshire Quality Assurance Project Plan (QAPP). Information on QAPP at second listed URL</p> <p>Competitive bids and good faith efforts to employ DBEs required</p> <p>Semi-annual reporting requirement</p>	<p>RFP includes links to other useful program information.</p> <p>Summary of previously funded projects available at: http://des.nh.gov/organization/divisions/water/wmb/was/qapp/index.htm</p>
New Hampshire	DES Petroleum Reimburse- ment Fund Program	Petroleum releases	<p>“Excess insurance” for cleanup costs of petroleum contamination for storage tank releases</p> <p>Coverage includes third-party damages</p> <p>Eligible applicants— Tank owners</p>	<p>http://des.nh.gov/organization/divisions/waste/orcb/fms/prfp/index.htm</p> <p>http://des.nh.gov/organization/commissioner/pip/factsheets/rem/documents/rem-15.pdf</p> <p>http://des.nh.gov/organization/divisions/waste/orcb/fms/prfp/documents/ofdb_manual.pdf</p> <p>DES Fund Management Program (603) 271-8740</p>	<p>Insurance program</p> <p>Deductible for fuel oil for heating tanks—\$500</p> <p>For other tanks deductible is a function of number of tanks owned:</p> <p>Deductibles depend on number of facilities owned as follows:</p> <p>1–3 facilities— \$5,000</p>	<p>Continuous application process</p>	<p>Tanks must be in operational compliance</p> <p>DES pre-approval of work required</p> <p>Discharges must be reported</p> <p>Corrective action reports required</p> <p>Project subject to financial audits</p> <p>Contamination monitoring and consumer</p>	<p>New Hampshire Petroleum Fund Manual, available at third listed URL provides comprehensive information on program eligibility and requirements; forms to apply for funding and request reimbursement</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
					4–9 facilities— \$10,000 10–19 facilities— \$20,000 20 or more facilities— \$30,000 Maximum payment \$500,000		notification required and eligible for reimbursement	First listed URL has links to additional resources for program
New Hampshire	Historic Resources Division, Certified Local Government Program	Historic and cultural resources	Funds for historic preservation Funding for survey, National Register nomination, and preservation planning Predevelopment and development projects also eligible as Priority II and III projects, but limited to National Register Eligible applicants— Municipalities designated as eligible, but must be certified local governments	http://www.nh.gov/nhdhr/ programs/cert_loca_govt.html http://www.nh.gov/nhdhr/ programs/documents/clg_ grant_manual.pdf Deborah Gagne 603-271- 3559: deborah.gagne@dcr.nh.gov Nadine Peterson 603-271- 6628: nadine.peterson@dcr.nh.gov	Grants Local match— 0% for surveys and National Register listing 40% for planning and predevelopment projects 40–50% for development projects	April—Notice of fund availability June 5— Applications due (postmark of June 2 if mailed) June 30— Award grants July 10–15— Notify applicants, meet with selected applicants	Certified local governments must have a historic preservation review commission Predevelopment and development projects must be owned by municipality Development projects must be open to public and accessible to persons with disabilities If available plans and specs should be submitted with application for development project Projects must follow Department of Interior standards Projects must be completed by September 15 of year following award	Available funds awarded first to Priority 1 projects. If funds remain, they are awarded to Priority II projects with any remaining funds thereafter available to Priority III projects Procurement requirements and reporting requirements (with reporting forms) included in document at second listed URL Sample grant agreement and application forms included in document at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Final project documentation due by November 15	Certified local governments listed in introductory letter available at first listed URL
New Hampshire	Bureau of Aeronautics, 50-50 Airport Grant Program	Airport planning and development	Airport improvement projects Eligible applicants— Airports not eligible to receive AIP funds, if they are open to the public	http://www.nh.gov/dot/org/aerorailtransit/aeronautics/programs/index.htm http://www.nh.gov/dot/org/aerorailtransit/aeronautics/programs/documents/AirportEligibilityandGrantProcess.pdf http://www.nh.gov/dot/org/aerorailtransit/aeronautics/programs/documents/EligibleProjectsandProjectChart.pdf	Grants Local match—50%	January—meet with Bureau of Aeronautics staff to discuss capital needs February 1—submit five-year CIP July 1—Notice of preapproval of projects for fiscal year July 2—start design and bid of projects	Payments on a reimbursement basis Applicant must maintain airport and improvement for at least 10 years Grant subject to audit Must obtain minimum of three bids	List of eligible airports at second listed URL List of eligible projects at third listed URL Forms and contact list available at first listed URL
New Jersey	Department of Environmental Protection (DEP) Nonpoint Source Pollution Control Grants	Water quality	Projects to limit nonpoint source pollution Projects to implement components of watershed based management plans; TMDL and Environmental Justice plans are eligible Eligible applicants— Coalitions of municipal and county governments, local or county environmental commissions, watershed and water resource associations	Clean Water Act, section 319, Pub. L 92-500 http://www.state.nj.us/dep/grantandloanprograms/eps_nspc.htm http://www.nj.gov/dep/watershedmgt/319grant.htm http://www.nj.gov/dep/watershedmgt/DOCS/319h_sfy2011_rfp.pdf http://www.nj.gov/dep/watershedmgt/319grant_sfy2011.htm David McPartland (609) 633-3812: david.mcpartland@dep.state.nj.us	Grants	October 15—Applications due December 15—Funding recommendations Feb 15—Execution of contract Three full-color hard copies and one electronic copy (MS Word) required	Highest priority for projects that will meet surface water quality standards for all impairments Projects must be on public lands or lands with a public easement to complete project Applicant must have staff or resources with technical expertise to carry out project	Approved watershed based plans available at fourth listed URL Links to latest RFP and additional documentation at fourth listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Monitoring plan required Quarterly performance reports required	
New Jersey	DEP Recycling Tonnage Grants	Recycling, solid waste	Funding to encourage increased recycling activities Eligible applicants— Municipalities and counties	N.J.S.A. 13:1E-96.b.(1) http://www.state.nj.us/dep/grantandloanprograms/er_mrtgp.htm http://www.nj.gov/dep/dshw/recycling/ http://www.nj.gov/dep/dshw/resource/Tonnage/index.htm Joseph Davis (609) 984-3438; joseph.davis@dep.state.nj.us	Grants Amount of funds provided depends on annual appropriation and tonnage recycled	April 30— Preferred date for submission of annual tonnage reports July 1— Statutory deadline for reporting tonnage Electronic submission by e-mail preferred	Resolution authorizing application for funds must accompany tonnage reports for funding to be provided	Instructions and forms available at third listed URL Link to data on past grants available at second listed URL Program may be suitable for partnering with other units of airport operator government
New Jersey	DEP Diesel Risk Reduction	Air quality, emissions	Financial assistance for costs of mandatory retrofits of diesel vehicles including off- road vehicles Eligible applicants— Public owners of vehicles or private owners of certain vehicles operated under contract to public agencies	N.J.S.A. 26:2C-8.26 et seq.; P.L.2005, c.219 New Jersey Administrative Code (NJAC), Title 7, Chapter 27, Subchapter 32, 39 N.J.R. 3352(a) http://www.state.nj.us/dep/stopthesoot/dieselrules.htm http://www.state.nj.us/dep/aqm/sub32%20090807.pdf http://www.state.nj.us/dep/stopthesoot/dieselrules.htm Tony Iavarone 609-292- 7953; Tony.Iavarone@dep.state.nj. us	Reimbursement program Local match—0% Funds paid directly to authorized installer, who is prohibited from charging vehicle owner	Continuous Installer is responsible for requesting reimbursement	Except for closed crankcase ventilation systems, retrofit technology must be EPA or CARB certified and must represent Best Available Retrofit Technology (BART) Owners must develop a fleet plan that reflects statutory deadlines for retrofit Retrofit must be performed by installer	Links to program information at second listed URL Copy of regulation at third listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							authorized by the device manufacturer	
New Jersey	DEP, Certified Local Government Grants	Historic and cultural resources	<p>Funding to support historic preservation</p> <p>Projects include:</p> <ul style="list-style-type: none"> • Surveys • National Register nominations • Historic preservation elements of municipal master plans • Predevelopment costs <p>Eligible applicants— Local governments certified by NJ Historic Preservation Office and National Park Service</p>	<p>http://www.state.nj.us/dep/grantandloanprograms/nhr_hpc1.htm</p> <p>http://www.nj.gov/dep/hpo/3preserve/clg_inaid_app_2010.pdf</p> <p>George Chidley (609) 984-6017: george.chidley@dep.state.nj.us</p>	<p>Grants</p> <p>Local match—40%</p> <p>Minimum grant—\$3,000</p> <p>Maximum grant—\$70,000</p>	<p>January— Application forms distributed</p> <p>March 31— applications due</p> <p>August— Notification of award</p> <p>Note: program manual has different dates</p>	<p>Communities must be current in their annual reports</p> <p>Projects should be achievable in six months</p>	<p>Information on certification requirements and process available at: http://www.state.nj.us/dep/hpo/3preserve/clgguides8_07.pdf</p> <p>Program manual and application guidance available at second listed URL</p>
New Jersey	DEP, Petroleum Storage Tank Remediation, Upgrade and Closure Fund	Petroleum releases, hazardous waste	<p>Funding to help defray costs of upgrade or closure of regulated tanks and remediation of contamination from regulated and unregulated tanks.</p> <p>Program stopped taking applications from regulated tanks effective July 1, 2010.</p>	<p>P.L. 1997, C.235</p> <p>http://www.state.nj.us/dep/grantandloanprograms/sr_ustru.htm</p> <p>http://www.nj.gov/dep/srp/finance/ustfund/</p> <p>Frank Pinto (609) 777-0101: frank.pinto@dep.state.nj.us</p>	<p>Grants and loans</p> <p>Public agencies eligible only for interest free loans</p> <p>Maximum loan—\$2 million, except tanks located in specified state planning areas, where maximum loan is \$3 million</p>	<p>Continuous application process</p> <p>Hard copy applications (original and one copy)</p>	<p>Application fee required; varies with number of tanks owned</p> <p>Loan requires lien on property where tank located for life of the loan</p> <p>Executed contract for closure, upgrade or remediation must be submitted within 120 days of notice of approval</p> <p>Work must be performed by a</p>	<p>Links to application forms for regulated and unregulated available at second listed URL</p> <p>Note: discrepancies between information available at first listed URL and application forms listed at second URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							certified UST contractor Costs incurred before filing application are ineligible Owners must submit claims with commercial insurance carrier	
New Jersey	DEP, Economic Development Authority (EDA), and Board of Public Utilities (BPU) Local Government Greenhouse Gas Reduction Program	Energy, greenhouse gasses	Projects to promote local government efforts to plan, develop, and implement measures to reduce greenhouse gas emissions, including: <ul style="list-style-type: none"> • Energy efficiency programs • Renewable energy programs • Distributed energy programs • Land use planning leading to reductions in greenhouse gasses or energy consumption 	N.J.S.A. 26:2C-37 et seq., and 26:2C-50 et seq. N.J.A.C. 7:27D http://www.state.nj.us/dep/occe/gwsf_rule_courtesycopy_njac7_27d.pdf	Grants	Timeline and application procedures will be established in annual notice	Recipients must comply with New Jersey public contracts law Local agencies in default on state loans are not eligible	It is unclear if this program has been funded or grants issued
New Jersey	BPU Local Energy Audit (New Jersey's Clean Energy)	Energy, emissions	Funding for energy audits of existing buildings Eligible applicants— Local governments and 501(c) nonprofits	http://www.njcleanenergy.com/commercial-industrial/programs/local-government-energy-audit/local-government-energy-audit http://www.njcleanenergy.com/files/file/LGEA%202010%20Forms%20and%20Applications/August%20New%20Look%20Versions/eLGEA%202010%20Guidelines%20and%20A	Grants Local match—0% Maximum annual incentive— \$100,000	August 10— Guidelines and application forms issued Continuous application process. Applications reviewed on first come, first-served basis	Incentive paid on reimbursable basis Agency must pass resolution authorizing application Must use prequalified energy audit firm Must use specified state	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				<p>pplications%20Package%208-12-10.pdf</p> <p>New Jersey’s Clean Energy Program 866-657-6278 x4: LGEA@trcsolutions.com</p>			<p>contract under State Cooperative Purchasing Program</p> <p>Agency’s RFP must go to all prequalified energy audit firms</p> <p>Audit must be completed within 6 months of application approval</p> <p>Agencies must spend at least 25% of the cost of the audit on recommendations within 12 months or repay 25% of the audit cost</p>	
New Jersey	<p>BPU SmartStart Buildings Pay 4 Performance Program</p> <p>(New Jersey’s Clean Energy)</p>	Energy, Emissions	<p>Incentives for developing and implementing an Energy Reduction Plan</p> <p>Programs for existing buildings and new construction</p> <p>Eligible applicants— Local governments</p>	<p>http://www.njcleanenergy.com/commercial-industrial/programs/pay-performance/existing-buildings/participation-step (existing buildings)</p> <p>http://www.njcleanenergy.com/files/file/Pay%20for%20Performance%202010%20Forms%20and%20Applications/2010%20P4P%20EB%20-%20Incentive%20Structure%20-%206-4-10.pdf (existing buildings)</p> <p>http://www.njcleanenergy.com/commercial-industrial/programs/pay-performance/new-construction/new-construction (new buildings)</p>	<p>Grants</p> <p>For existing building three phases:</p> <p>Incentive 1— Calculated on square footage to help defray cost of Plan</p> <p>Incentive 2— Based on implementation and calculated on projected energy savings</p> <p>Maximum—30% project cost</p> <p>Incentive 3— Based savings</p>	Appears to be continuous	<p>Must use an approved Program Partner who develops and implements the plan</p> <p>For existing buildings, at least 15% energy savings must be achieved</p> <p>Incentives for new construction limited to buildings of at least 50,000 sq. ft</p> <p>Projected energy cost savings for new buildings must be at least</p>	<p>Additional incentives available if Plan includes Combined Heat and Power (CHP) projects</p> <p>Links to application forms available for existing buildings at first listed URL</p> <p>Links to application forms for new buildings available at</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				http://www.njcleanenergy.com/commercial-industrial/programs/pay-performance/new-construction/participation-steps (new buildings) TRC Energy Services—P4P 866-657-6278	documented in benchmarking report Maximum—20% of project cost New building incentives calculated on square foot basis, based on progress in developing and implementing energy reduction design features		15% below ASHRAE 90.1-2004 Standards	fourth listed URL
New Jersey	BPU SmartStart Buildings CHP Program (New Jersey's Clean Energy)	Energy, emissions	Incentives for systems that generate electricity from heating equipment and processes Facilities must be in Pay 4 Performance program or be certified as an Energy Star building Eligible applicants— Local governments	http://www.njcleanenergy.com/commercial-industrial/programs/combined-heat-power/combined-heat-power http://www.njcleanenergy.com/files/file/Pay%20for%20Performance%202010%20Forms%20and%20Applications/e2010%20P4P%20CHP%20Package%202-1-10.pdf TRC Energy Services—P4P 866-657-6278	75% of incentive paid on project completion 25% of incentive will be paid following submission of 12 months operational data showing proposed efficiency was achieved	Continuous Hard copy application	Proposed generating system must be sized to meet customer demand System must achieve annual efficiency rating of 60% System must be installed within 18 months of approval of application	Application form at second listed URL
New Jersey	Department of Transportation Airport Aid Program	Airport development and planning	Financial assistance as follows: <ul style="list-style-type: none"> • State grants for AIP matching share • State grants or loans for safety improvements • Aviation planning studies Environmental studies specifically listed as	http://www.state.nj.us/transportation/publicat/Facts/aviation.shtm http://www.state.nj.us/transportation/airwater/aviation/faqs.shtm#funding Division of Aeronautics: 609-530-2900	Grants and loans			Various pages at the New Jersey DOT website refer to airport aid programs, but details could not be found. Program is listed for reference purposes

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			eligible project Eligible applicants— Publicly owned and unrestricted public use airports					
New Jersey	Environmental Infrastructure Trust (EIT)	Water quality, brownfields	Loans to support various environmental projects including storm water and brownfields	http://www.njeit.org/stormwater.htm http://www.njeit.org/pdf/cwf_stormwater.pdf http://www.njeit.org/brownfield.htm http://www.njeit.org/pdf/cwf_brownfield.pdf EIT (609) 633-1208	Market rate loans to supplement DEP funding. Combination of DEP and EIT loans yield a below market rate on total amount borrowed	October 1— Deadline for commitment letter and planning documents to qualify for a loan approval the following November		Brochures at second and fourth listed URLs include program contact information
New Jersey	Historic Trust Capital Preservation Grants	Historic, cultural resources	Funding for construction costs of preservation, restoration and rehabilitation of historic properties Properties must be listed on New Jersey or National Registers; support listed properties or be certified as eligible for listing Eligible applicants— Municipal, county, state agencies and 501(c) nonprofits	http://www.njht.org/dca/njht/programs/gshptf/index.html http://www.njht.org/dca/njht/programs/gshptf/cpg.html http://www.njht.org/dca/njht/programs/gshptf/2010%20%20guidelines.pdf New Jersey Historic Trust (609) 984-0473: njht@dca.state.nj.us	Grants Match and funding limits in two categories Level I Grants <ul style="list-style-type: none">• Local match— 40%• Funding limits— \$5,000–\$150,00 Level II Grants <ul style="list-style-type: none">• Local match— 50%• Funding limits— \$150,001– \$750,000	June— Announcement of grant opportunity September 16— Applications due Hard copy application (original and five copies) Projects must be approved by the Garden State Preservation Trust and New Jersey legislature	Applicant must own property or have long-term lease Project must meet grant initiatives established annually in solicitation	Evaluation criteria included in document at third listed URL Link to list of funded sites available at first listed URL Links to applications and additional guidance documents at: http://www.njht.org/dca/njht/appguid/
New Jersey	Historic Trust Revolving Loan Fund	Historic and cultural resources	Funding for costs of preservation, restoration, rehabilitation, or acquisition of historic properties	http://www.njht.org/dca/njht/programs/rlf/index.html New Jersey Historic Trust (609) 984-0473: njht@dca.state.nj.us	Low interest loans Minimum loan— \$25,000 Maximum loan— \$370,000 (may not	Continuous	Applicant must own property or have long-term lease, unless loan is to acquire property	Evaluation criteria available at listed URL Links to applications

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Properties must be listed on New Jersey or National Registers; support listed properties or be certified as eligible for listing Eligible applicants—Municipal and county agencies		exceed 15% of loan fund balance) Interest rate—4% maximum		20-year maximum loan term	and additional guidance documents at: http://www.njht.org/dca/njht/applguid/
New Mexico	Energy, Minerals and Natural Resources Department (EMNR) Energy Efficiency and Conservation Block Grant Program	Energy, emissions	Projects to reduce energy use and fossil fuel emissions, including <ul style="list-style-type: none"> • Development, implementation of energy efficiency strategies • Energy audits • Energy efficiency retrofits • Energy efficiency programs for government buildings • Light emitting diodes (LEDs) 	http://www.emnrd.state.nm.us/ecmd/documents/EECBGFactSheet1.6.pdf http://www.nmreta.com/index.php?option=com_content&view=article&id=50&Itemid=59 http://www.nmreta.com/images/Documents/reta%20project%20selection%20policy%20final%20per%20board%20approval%2010-21-09%20jm.pdf Ken Hughes (505) 476-3320; khughes@state.nm.us	Grants Local match—0% required, but local contribution is encouraged		Must have materials, financing, contractors, and plans are in place to complete project quickly Must be in compliance with one of two Governor's executive orders on energy efficiency, use reduction—EO 2006-001 or EO 2007-053	Funded through ARRA Energy savings relative to expenditure considered in reviewing applications, as well as other benefits; e.g., number of people trained in green technologies Some cities received funding by formula. List of cities/counties and amounts available at: http://www.governor.state.nm.us/press/2009/march/032609_03.pdf
New Mexico	Renewable Energy Transmission	Energy, emissions	Projects to expand use of New Mexico renewable energy resources	http://www.nmreta.com/index.php?option=com_content&view=article&id=50&Itemid=59	Loans		At least 30% of a project's energy must be renewable	Link to application form at first listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Authority (RETA) revenue bond financing			http://www.nmreta.com/images/Documents/reta%20project%20selection%20policy%20final%20per%20board%20approval%2010-21-09%20jm.pdf			Credit review required	Policy goals document available at second listed URL RETA has eminent domain power for siting of projects but uses as last resort
New Mexico	Environment Department safe water infrastructure programs	Water quality	Project type and eligibility cannot be readily determined	http://ufa.nmenv.state.nm.us/APPLICATION_open.php Water and Wastewater Infrastructure Development Division's Customer Service 877-654-8720	Funding type cannot be readily determined	Listed URL provides a link to uniform on- line application under Surface Water Infrastructure Management Program		First listed URL is link to a unified water infrastructure funding portal (SWIM). However, only link is to uniform on- line application form
New Mexico	Environment Department petroleum tank Corrective Action Fund (CAF)	Petroleum releases	Reimbursement for cleanup of petroleum releases	http://www.nmenv.state.nm.us/ust/docs/CAF/ReimbursAppInstruct5-04.pdf Office of Finance & Budget (505) 827-0397	Insurance	Continuous 3-step process 1. Approval of work plan and cost detail 2. Determination of compliance 3. Approval of final work and costs	Tank must be in compliance with New Mexico requirements Owner must submit claims to any other insurance carrier before submitting a claim to CAF	Listed URL has links to all forms needed to support funding request. General reimbursement guidance document includes samples of completed forms. Link available at: http://www.nm

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								env.state.nm.us/ust/docs/CAF/ReimbursAppInstruct5-04.pdf Document includes fee schedule for contractor services
New Mexico	Environmental Department section 319(h) grant program	Water quality	Projects to reduce nonpoint source pollution	www.nmenv.state.nm.us/swqb http://www.nmenv.state.nm.us/OOTS/documents/PR-319Grant2029-08.pdf Milee Rotunno 476-1873	Grants	March 28—RFP released May 8— Applications due		Limited information available on website
New Mexico	Historic Preservation Division Certified Local Governments (CLG) Program	Historic and cultural resources	Historic preservation projects in CLGs Eligible applicants— Local governments designated as CLGs	http://www.nmhistoricpreservation.org/PROGRAMS/localgovs.html http://www.nmhistoricpreservation.org/PROGRAMS/localgovs_eligibility.html Shalie Gasper (505) 827-8494; shalie.gasper@state.nm.us	Grants Information on matching shares and funding limits not included		To be eligible for CLG designation, the community must have a preservation ordinance or regulation and must have a Historic Preservation Design Review Commission with qualified technical staff or consultants available.	Link to CLG designation application available at second listed URL Link to list of current CLGs available at second listed URL
New Mexico	Historic Preservation Division (HPD) Preservation Loan Fund	Historic and cultural resources	Projects for preservation and restoration of historic properties, including: <ul style="list-style-type: none">• Planning design and inspection• Construction, repair and reconstruction• Work to bring property to code	Historic Preservation Loan Act, 18-6-18 to 18-6-23 NMSA 1978 http://www.nmhistoricpreservation.org/PROGRAMS/creditsloans_presloan.html http://www.nmhistoricpreservation.org/PROGRAMS/creditsloans_facts.html	Low interest loans Interest rate—3% Maximum Loan— \$200,000		Properties must be on state or national historic registers 5-year loan term Project must be completed within two years of loan closing	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Owners of properties	Robyn Powell (505) 827-4057: robyn.powell@state.nm.us Harvey Kaplan (505) 827-3971: harvey.kaplan@state.nm.us			Properties must be maintained for at least 7 years	
New Mexico	HPD Small Historic Preservation Grants	Historic and cultural resources	Various preservation projects, including: <ul style="list-style-type: none"> • Nominations to state or national registers • Condition assessment • Preservation planning Eligible applicants— Preservation groups, individuals, archeological and historical societies, and local governments other than CLGs	http://www.nmhistoricpreservation.org/PROGRAMS/credits_loans_historic.html Shalie Gasper 505.827.8494: shalie.gasper@state.nm.us	Grants Local match encouraged, but minimum match not specified	October 29— Draft applications due December 15— HPD returns draft applications with comments January 29— Final applications due February— Grant selection period March 1— Notification letters sent	Maximum of two applications per applicant Payments made on reimbursement basis	HPD seeks a reasonable distribution between rural and urban areas Listed URL provides link to application form and additional guidance
New Mexico	Aviation Division Aviation Grants	Airport planning and development	Airport development projects Funds provided for local match of AIP and state-only grants Eligible applicants— airports eligible for AIP, based on 2009 grant summary	http://nmshtd.state.nm.us/main.asp?secid=16143 http://nmshtd.state.nm.us/upload/images/Aviation/STATE_APPLICATION.pdf NMDOT Aviation Division (505) 244-1788: aviation.division@state.nm.us	Grants Local match— Based on 2009 grant summary. Airports appear to be responsible for 50% of FAA required local match. Local match requirement for state only grants appears to vary			List of 2009 projects available at: http://nmshtd.state.nm.us/upload/images/Aviation/FY%2009%20FUNDED%20PROJECTS.pdf

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
New York	Department of State (DOS) Brownfield Opportunities Area Program	Brown- fields, hazardous waste	Financial and technical assistance to complete revitalization plans and implementation strategies Eligible applicants— Municipalities and community-based organizations	http://www.dec.ny.gov/chemical/8650.html http://www.dec.ny.gov/chemical/8447.html http://www.nyswaterfronts.com/BOA_package.asp New York DOS (518) 474-6000 derweb@gw.dec.state.ny.us coastal@dos.state.ny.us	Grants Local match—10%	Continuous application For applications received by March 31, funding decisions are made by May 31. For applications received by September 30, funding decisions are made by November 30. Community can apply at any of the following three steps: <ol style="list-style-type: none"> 1. Pre-nomination Study—basic and preliminary analysis of area 2. Nomination—In depth and thorough description and analysis, including economic viability 3. Implementation strategy—description of full range of short-term and long-term techniques and 	Public participation required for Step 2 Applicants must have approved Step 2 nomination to receive funding for Step 3 Site assessments must be completed (May be included in Step 3 application) Assessment of benefits and costs and environmental review under State Environmental Quality Review Act are required for Step 3	Application forms and guidance available at third listed URL.

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						actions to support redevelopment Contact with program staff before application recommended Hard copy applications only (3 copies, plus 3 CDs)		
New York	New York Department of Environmental Conservation (DEC) recycling program	Solid waste, recycling	Funds for capital equipment and recycling coordinators Eligible applicants—Municipalities	http://www.dec.ny.gov/pubs/4776.html Bureau of Solid Waste, Reduction & Recycling 518-402-8704; dshmwrr@gw.dec.state.ny.us	Grants	Continuous application process Pre-applications are required for evaluation and to establish a place on the waiting list for funds		List URL includes links to application packages
New York	DEC Water Quality Improvement Program	Water quality	Water quality improvement projects Eligible projects include projects for nonagricultural nonpoint source pollution control and abatement and aquatic habitat restoration	http://www.dec.ny.gov/pubs/4774.html http://www.dec.ny.gov/pubs/44916.html http://www.dec.ny.gov/docs/water_pdf/wqipattdnpswkpln.pdf http://www.dec.ny.gov/pubs/66100.html http://www.dec.ny.gov/pubs/38505.html Division of water 518-402-8267; dowinfo@gw.dec.state.ny.us	Grants Local match—50%	Fully executed contract—210 days after submittal of contract (includes 120 days for state to execute contract after signature by applicant)	Work plan required—180 days after notice of selection Municipal resolution required with application or signed contract	Links to program documents available at second listed URL Sample nonpoint source work plan at third listed URL Projects supporting state-wide management plans receive priority consideration

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								Listings of past grants included in press releases accessible at fifth listed URL
New York	DEC New York City (NYC) Watershed Protection Grants	Water quality	Projects to enhance drinking water quality in New York City, including nonpoint source pollution control and abatement Eligible applicants— Local governments in defined NYC watershed	http://www.dec.ny.gov/pubs/67090.html Division of Water 518-402-8086: dowinfo@gw.dec.state.ny.us	Grants Local match—50% Maximum grant—\$250,000 for nonpoint source projects		Project must support NYC Management Plan	Counties in NYC watershed listed at document available at: http://www.dec.ny.gov/docs/water_pdf/08nycwspdfa1.pdf Additional background and documents/forms available at listed URL
New York	DEC Environmental Restoration Program	Brown-fields, hazardous waste	Projects for on-site and off-site investigation and remediation to support redevelopment Eligible applicants— Local municipalities	Clean Water/Clean Air Bond Act of 1996 http://www.dec.ny.gov/chemical/8444.html December Environmental Remediation 518-402-9764 derweb@gw.dec.state.ny.us	Grants Local match—10% for on-site projects Local match—0% for off-site projects	Continuous applications	Municipality must own property at time grant executed All petroleum and chemical storage tanks must be registered and nonoperational tanks properly closed before application filed. Field work must be initiated within 12 months of approval of application	Program includes indemnification and release from liability for contamination on property prior to grant. Criteria used to evaluate funding are: <ul style="list-style-type: none">• Environmental benefit• Economic benefit

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								<ul style="list-style-type: none"> • Potential for public or recreational reuse • Availability of other funds <p>Full details on application and program requirements at: http://www.dec.ny.gov/docs/remediation_hudson_pdf/erp_handbook.pdf</p> <p>Note: New applications not currently being accepted. Information included for reference</p>
New York	State Office of Parks, Recreation and Historic Preservation Historic Preservation Program	Historic and cultural resources	Funds for preservation, restoration and rehabilitation of historic properties on state or national registers Eligible applicants—Municipalities	http://www.nysparks.com/grants/state-funded-programs.aspx	Grants		Properties must be on state or national registers	Applications not currently available. Information included for reference
New York	New York State Energy Research and Development Authority (NYSERDA)	Energy emissions	Various projects for reduction of energy consumption and emissions Projects address energy consumption in buildings and vehicle emissions	http://www.nyserda.org/default.asp http://www.nyserda.org/municipalities/default.asp http://www.nyserda.org/programs/state.asp	Grants, technical assistance	Varies with program		Second through fourth listed URLs describe programs for state agencies, municipalities and

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— municipalities, state agencies, commercial building owners, among others	http://www.nyscrda.org/programs/Commercial_Industrial/default.asp?i=2 http://www.nyscrda.org/funding/funding.asp?i=2				commercial/ industrial facilities, respectively. fifth listed URL provides link to current funding opportunities. Individual contact information for current opportunities included in fifth URL
New York	State Aviation Bureau Airport grants (Air 99)	Airport planning and develop- ment	Projects for airport development and acquisition of equipment Eligible applicants— Cities, counties, public authorities (except bi- state authorities that own public-use airports)	https://www.nysdot.gov/divisions/operating/opdm/aviation/repository/files/air99_guidelines_round_3.pdf Lorin Bird (518) 485-7691: lbird@dot.state.ny.us	Grants 10% local match Maximum grant— \$300,000	December— Program guidelines and application forms issued February 15— Applications due	Airports must be in New York state system plan Project must be on state approved airport layout plan Grants may not supplant AIP grants, but should complement and support additional allocations of discretionary funds	A second grant program, focused on airports serving business aviation is available. Information on this program is available at: https://www.nysdot.gov/divisions/operating/opdm/aviation/repository/files/business_airport_guidelines_round_3.pdf Airports must have runway of at least 3,000 ft to participate

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
North Carolina	Department of Environment and Natural Resources (DENR) Mobile Source Emission Reduction Grants	Air quality	Projects to achieve actual reductions in emissions from on- road and off-road mobile emission sources, in particular ozone and particulate matter	http://daq.state.nc.us/motor/ ms_grants/ Anne Galamb (919) 715-6296; anne.galamb@ncdenr.gov	Grants			2010 funding limited to diesel emission reductions Listed URL includes links to information on prior grants
North Carolina	DENR Diesel Emission Reduction Grants	Air quality	Diesel emission reduction projects including <ul style="list-style-type: none"> • On-road vehicle replacement • On-road biodiesel buy-down • Replacement/ repower of off-road vehicles and equipment Airport equipment specifically listed Eligible applicants— Owners of vehicles and equipment	http://daq.state.nc.us/motor/ DERG/ Anne Galamb (919) 715-6296; anne.galamb@ncdenr.gov	Grants Local match— 75% for replacements 50% for repowers 0% for retrofit 0% of incremental costs for biodiesel	December 31— Applications due March— Announcement of awards June–August— funds available after contracts in place Apply by mail, express delivery, e-mail or fax	Funding from federal government. Therefore, certain federal requirements apply. See listed URL No work may be done before execution of grant agreement Quarterly reports required. Payment on invoice with proof invoice was paid.	Application and instructions available at listed URL
North Carolina	DENR Heavy-Duty Truck Rebate Program	Air quality	Rebates for purchase of 2010 EPA compliant heavy duty trucks Eligible applicants— Vehicle owners	http://daq.state.nc.us/motor/ Rebates/ http://daq.state.nc.us/motor/ Rebates/NC_2010_HD_Truck_ Rebate_Application_Form.pdf Anne Galamb (919) 715-6296; anne.galamb@ncdenr.gov	Rebate \$5,000 rebate per vehicle Limit of two vehicles	First-come, first- served until funds spent Apply by regular mail or e-mail with PDF of completed application	Limited to trucks in excess of 33,000 pounds Rebate issued after purchase of truck. Must include proof of purchase and copy of registration with application	Program funded by ARRA. ARRA funding requirements apply Application form available at second listed URL Program will expire

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								March 31, 2011
North Carolina	DENR Clean Water Management Trust Fund	Water quality	Clean water projects including storm water projects Eligible applicants— State agencies and local governments.	http://www.cwmtf.net/a/index.html#home.html http://www.cwmtf.net/a/index.html#appmain.htm http://www.cwmtf.net/a/index.html#restostorm-adm.htm Kevin Boyer (919) 571-6740: kevin.boyer@ncdenr.gov	Grants	February 1— Applications due Fall—Grants awarded	Progress reports required quarterly and with payment requests Must maintain the project for at least 10 years	Detailed presentation on administrative requirements at: http://www.cwmtf.net/Docs/Administration%20of%20CWMTF%20Restoration%20and%20Stormwater%20Projects%20Prior%20to%202010%20Cycle.pdf Links to list of approved projects at second listed URL
North Carolina	DENR Clean Water State Revolving Fund	Water quality	Waste water and nonpoint source pollution projects	http://portal.ncdenr.org/web/wq/cgls/fap/cwsrf http://portal.ncdenr.org/c/document_library/get_file?uuid=59a498d4-3d0c-4880-b784-bdd4b443351a&groupId=38364 Mark Hubbard (919) 715- 6224: Mark.Hubbard@ncdenr.gov.	Low interest loans Local match—20% Interest rate—½ of 20-year bond buyer index rate	September 1— Applications due October 1— Notice of intent to award 2% closing fee charged	Projects must be bid for minimum 30 days O & M manuals required for approval	Additional information on administrative requirements at second listed URL Link to prior grants available at first listed URL
North Carolina	State Historic Preservation Office Certified Local	Historic and cultural resources	Funding to support historic preservation Eligible applicants— Local local	http://www.hpo.ncdcr.gov/clg.htm Rob Crawford 919-807-6580: rob.crawford@ncdcr.gov	Grants Local match—50%	January— Applications due Spring—Grants awarded	Community must satisfactorily function as a CLG for at least 1 year	Guidance on qualifying as a CLG available at:

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Government Grants		governments approved as CLGs				before applying for grant	http://www.hp.o.ncdcr.gov/2003%20CLG%20Guidelines.pdf List of qualifying CLGs available at listed URL
North Carolina	Division of Aviation	Airport planning and develop- ment	Airport development and planning projects	http://www.ncdot.gov/aviation/programs/default.html Bobby Walston 919-715-7000: https://apps.dot.state.nc.us/ContactUS/PostComment.aspx?Unit=Maint_Engr	Grants			Limited information available through state government website
North Dakota	Aeronautics Commission Airport Grants	Airport planning and develop- ment	Airport planning and development projects Eligible applicants— Publicly owned airports, including airports operated by authorities	http://www.nd.gov/ndaero/airport/funding.html	Grants Local match—50% of local funding requirement (½ local match requirement for AIP projects; ½ project costs for other projects)	June 1— Applications due July 1—Grants awarded	Current financial statement and documentation of ability to support local match required	Priority rating system available at: http://www.nd.gov/ndaero/airport/docs/policy-priority-rating.pdf
North Dakota	Game and Fish Department State Wildlife Grants	Wildlife and habitat	Projects to support wildlife and habitat conservation Eligible applicants— States and local	http://www.gf.nd.gov/conservation/docs/pre-prop-st-wld-grant-2010.pdf Sandra Johnson 701-328-6382: ndgf@nd.gov (Subject: Attention Sandra Johnson) Patrick Isakson (701-328-6338): ndgf@nd.gov . (Subject: Attention Patrick Isakson)	Grants—Federal funds Local match—35% can be provided by the state. Local contribution to state's 35% requirement a positive factor Minimum grant— \$20,000 Maximum grant— \$100,000	July 22—Call for pre- proposals October 1—Pre- proposals due October 15— Requests for full proposals December 1— Full proposals due January 1— Notification of grant awards	10% maximum grant for overhead and administrative costs Projects must be completed within 3 years	Projects aligned with North Dakota Comprehen- sive Wildlife Conservation Strategy are highest priority for funding

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						March 1— Execution of cooperative agreements		
North Dakota	Department of Health Clean Water State Revolving Loan Fund	Water quality	Upgrades to wastewater systems including nonpoint source activities Eligible applicants— Political subdivisions	http://www.ndhealth.gov/MF/cwsrf.html	Low interest loans Interest rate—2.5% Administrative fee—0.5%	Continuous	Projects must be on state Project Priority List and Intended Use Plan 20 year maximum loan term	Loans funded in part with federal funds. Listed URL provides list of federal requirements applicable to projects
North Dakota	Department of Health Brownfields Assessment Program	Brown- fields, hazardous waste	Funding for brownfield environmental site assessment activities and remediation Eligible applicants— Local governments	http://www.ndhealth.gov/WM/Brownfields/ http://www.ndhealth.gov/WM/Publications/ApplicationGuideLineForTargetedBrownfieldsAssessmentAssistanceInNorthDakota.pdf Derek Hall 701.328.5166: dahall@nd.gov	Grants	Continuous	Application must include discussion of redevelopment plans and how municipality will control the property	Detailed information on application requirements at second listed URL
North Dakota	Department of Health Non-point Source Pollution Grants	Water quality	Projects to reduce or mitigate nonpoint source pollution	Clean Water Act, section 319, Pub. L 92-500 http://www.ndhealth.gov/WQ/SW/Z1_NPS/B_Grant_Guidance.htm http://www.ndhealth.gov/WQ/SW/Z1_NPS/PDF_Files/03_WshedPIP_Guide.pdf Greg Sandness 701.328.5232: gsandnes@nd.gov	Grants	August 1—Draft project proposal due November 1— Final project proposals due January 1— projects forwarded to EPA March–April— Grant award and issuance of funds	Projects to develop and implement TMDLs are encouraged TMDLs should be included for section 303(d) listed water bodies impaired solely or primarily by nonpoint sources	Additional guidance on application and evaluation criteria at second listed URL. Guidance includes sample statements of goals for project
North Dakota	State Historical Society Historic	Historic and cultural resources	Funding for identification, evaluation and preservation of sites	http://history.nd.gov/hp/grants/hpfund.html http://history.nd.gov/hp/PDFinfo/2010%20Development%20	Grants Local match—50%	July 16— Applications due (must be	Properties must be listed on National Register or be a contributing	Application forms and complete listing of

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Preservation Grants		<p>listed in the National Register</p> <p>Restoration, rehabilitation and pre-development projects; e.g., to establish or confirm historical significance are eligible.</p> <p>Eligible applicants— Owners of listed property</p>	<p>RFP%20with%20attachments.pdf</p> <p>Amy Munson 701-328-3573: amunson@nd.gov</p>	Maximum grant— \$15,000	received, not postmarked)	<p>property to a listed historic district</p> <p>Restoration and rehabilitation must meet Department of Interior standards</p> <p>Federal and state procurement regulations must be followed</p> <p>Detailed drawings or plans must be approved by state before recipient executes contracts</p> <p>Historic preservation covenant to maintain and repair the site for at least 10 years</p> <p>Property must be available for public viewing</p>	requirements is available at second listed URL
North Dakota	State Historical Society Certified Local Government (CLG) Grants	Historic and cultural resources	<p>Funding for survey, planning work, National Register nomination for historic properties. Development does not appear to be eligible.</p> <p>Eligible applicants— CLGs</p>	<p>http://history.nd.gov/hp/clggrantsprocess.html</p> <p>http://history.nd.gov/hp/PDFinfo/2007_CLG_RFP.pdf</p> <p>http://history.nd.gov/hp/clglist.html</p> <p>Amy Munson 701-328-3573: amunson@nd.gov</p>	<p>Grants</p> <p>Local match—40%</p>	<p>February 16— Applications due</p> <p>Hard copy applications (5 copies)</p>	<p>Applicant must be a CLG</p> <p>CLGs must have a historic preservation ordinance and a historic preservation commission</p>	<p>Application guidance contained at second listed URL. Guidance includes sample applications</p> <p>List of CLGs and guidance on qualifying as CLG available at third listed URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
North Dakota	Public Finance Authority Capital Financing Program	Miscellan- eous	Funding for projects or improvements for which political subdivisions are authorized to issue municipal securities	http://www.nd.gov/pfa/cfp.html Public Finance Authority 701.328.7100	Loans Municipalities pay same rate of interest at which Authority borrows, based on Authority's A+ rating May result in lower interest rates than direct borrowing	Continuous	Subject to credit requirements	Link to application form is available at listed URL
Common- wealth of Northern Marianas Islands	Division of Environmen- tal Quality, Brownfield Grants	Brown- fields, hazardous wastes	Funding for brownfield site assessments	http://www.deq.gov.mp/article.aspx?secID=8&artID=143 Site Assessment and Remediation Branch 670-664- 8500	Grants			
Ohio	Department of Development Clean Ohio Fund Brownfield Revitalization Program	Brown- fields, hazardous waste	Projects for remediation of brownfield sites or sites in a Priority Investment Area Projects can include phase II environmental assessment and cleanup of contamination Eligible applicants— Cities, counties, townships, port authorities, conservancy districts not responsible for contamination	1 ORC §122.162 et seq.; Clean Ohio Revitalization Fund Policies http://www.clean.ohio.gov/BrownfieldRevitalization/Documents/CORFRound7_Policies_05182009.pdf ;	Grants Local match—25% Local match can come from another state agency .	Deadlines for applications are determined annually Applicants must allow time for the public meeting described in the Administrative and Post-grant Requirements Following submission, application is reviewed first by the Integrating Committee, which must provide at least 10 days notice of a public meeting at which applications are considered.	An application for inclusion in Ohio Brownfield inventory must be submitted to the Ohio EPA before submitting funding application A public meeting must be held before the application is filed, with at least 45 days notice before the hearing Funding applications must first be submitted to local libraries. Within three days of posting in library, an application must be submitted to the Ohio	Program for cleanup applications is currently suspended

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						The application is then reviewed by the Clean Ohio Council, which must give at least 3 weeks' notice for its meeting	Department of Development and to the Ohio EPA Projects must be completed within 30 months of execution of the grant or loan Projects are subject to Ohio's prevailing wage requirements	
Ohio	Department of Public Works Clean Ohio Fund Green Space Conservation Program	Habitat, wildlife	Financial assistance to create and preserve green space, preserve natural features of Ohio waterways, reduce or eliminate invasive plant and animal species Eligible applicants— Counties, municipal corporations and townships	http://www.clean.ohio.gov/GreenSpaceConservation/ http://www.clean.ohio.gov/GreenSpaceConservation/Documents/cleanohioapplication.pdf	Grants Local match—25% Local match can come from another state agency		Applicant must work through its assigned Natural Resource Assistance Council Application and agreement must be authorized by applicant's governing body	Application form available at second listed URL Internet link for contact available at first listed URL
Ohio	Energy Resources Division, State Energy Formula Program, Ohio Wind Energy Anemometer Loan Program	Energy, emissions	Loan program	http://development.ohio.gov/Energy/StateEnergyProgram_formula.htm	Low interest loan	January 20— Applications due		Limited information available on website. Additional information may be available when opportunity is announced again
Ohio	Energy Resources Division, Advanced Energy	Energy, emissions	Projects for installation of solar heat, solar hot water, and wind energy systems for nonresidential	Ohio Revised Code §4928.61-63 http://development.ohio.gov/Energy/Incentives/Advanced	Funding amount set on a per unit basis of electricity or heat, with the	May 1—Notice of funding availability	Applicants must be served by investor owned generating utilities	Project application and related forms available at

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Grants, Renewable Energy Program		buildings, including governmental	EnergyFundGrants.htm# NOFA_08-09 http://development.ohio.gov/ cms/uploadedfiles/CDD/OEE/ NOFA.pdf Preston Boone: AEF@odod.state.oh.us	following maximums: Solar electric— 50% of eligible system costs or \$150,000 Wind electric— 40% of eligible system costs or \$200,000 Solar thermal— 50% of eligible system costs or \$150,000	Continuous application process until state announces closure of the notice Hard copy applications only	operating in the state Projects must be completed within one year of execution of grant Projects must generate minimum amount of energy as specified in second listed URL Projects must be tied to the electrical grid Entities with open Ohio energy grants are not eligible	first listed URL
Ohio	Energy Resources Division, Advanced Energy Grants, Distributed Energy Resources Program	Energy, emissions	Projects for installation of distributed energy resources, including: <ul style="list-style-type: none"> • Clean burning reciprocating engines (meeting California Standard) • Industrial or microturbines • Innovative use of waste heat/CHP/Cogenera- tion • Landfill for biomass methane Eligible applicants— Local governments	ORC §4928.61-63 http://development.ohio.gov/ Energy/Incentives/Advanced EnergyFundGrants.htm# NOFA_08-09 http://development.ohio.gov/ cms/uploadedfiles/CDD/OEE/ DERNOFA0701.pdf Preston Boone: AEF@odod.state.oh.us	Grants Local match—75% Maximum grant— \$100,000 Minimum owner cash equity—10%	July 1—earliest date for applications Continuous application process until state announces closure of the notice Hard copy applications only (5 copies)	Applicant must be end-use customer Applicants must be served by investor-owned generating utilities operating in the state Projects must be completed within two years of execution of grant	Links to project application and related forms at first listed URL
Ohio	Environmen- tal Protection Agency (EPA) Clean	Water quality	Streambed restoration and nonpoint source pollution management projects	Clean Water Act, section 319, Pub. L 92-500 http://www.epa.state.oh.us/ Default.aspx?tabid=4371	Grants Local match—20%	February 5— RFP issued May 14— Applications due	Applicants with two open section 319 grants are discouraged until	Additional information, RFP, application forms and

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Water Act Grants		Eligible applicants— Local governments and nonprofits	http://www.epa.state.oh.us/LinkClick.aspx?fileticket=8Bs167Q0aOQ%3d&tabid=4371 http://www.epa.ohio.gov/dsw/nps/319Program.aspx Russ Gibson (614) 644-2020 russ.gibson@epa.ohio.gov	Maximum grant— \$400,000	Three hard copy and one electronic copy on CD (MS Word) required	existing projects completed	grant summaries are available at third listed URL Second listed URL is a summary table of water quality funding opportunities
Ohio	EPA, Surface Water Improvement Grants	Water quality	Projects to address nonpoint source pollution and storm water runoff Eligible applicants— Local governments and nonprofits	http://www.epa.state.oh.us/Default.aspx?tabid=4371 http://www.epa.state.oh.us/LinkClick.aspx?fileticket=8Bs167Q0aOQ%3d&tabid=4371 Russ Gibson (614) 644-2020 russ.gibson@epa.ohio.gov	Grants Maximum grant— \$150,000	February 15— Applications due		Second listed URL is a summary table of water quality funding opportunities Limited additional information is available through the web.
Ohio	EPA, Water Pollution Control Loan Fund	Water quality	Water quality projects including projects to address nonpoint source pollution Eligible applicants— Local governments and nonprofits	http://www.epa.state.oh.us/defa/wpclf_new.aspx#nonpoint Division of Environmental and Financial Assistance (614) 644-2798; Becky.Hegy@epa.state.oh.us	Loans		Loans issued based on actual bid costs of projects	Limited additional information is available through the web.
Ohio	Historic Preservation Office Certified Local Government (CLG) Program	Historical and cultural resources	Projects to support historic preservation Eligible applicants— CLGs	www.ohiohistory.org/resource/histpres/toolbox/clg/clg-04.html	Grants Local match—40%	March 1— Applications due	Funding period is May 1 of year application filed to September 30 of following year Projects are expected to be under way within 30 days of contract execution	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Ohio	Ohio Department of Natural Resources (ODNR) Division of Recycling and Litter Prevention (DRLP) Community Development Grant	Recycling, waste reduction	Design and construction of projects for collection and processing of a broad range of recyclable materials including: <ul style="list-style-type: none"> • Construction, demolition debris • Electronics • Glass plastics metals • Mattresses • Cardboard Eligible applicants— Cities, counties, townships, state universities	http://ohiodnr.com/Home/Grants/CommunityDevelopmentGrant/tabid/21188/Default.aspx www.ohiodnr.com/recycling Chet Chaney (614) 265-6407; chet.chaney@dnr.state.oh.us	Grants Local match—50% Maximum grants vary by type of project. Amounts available at first listed URL	October— Application posted October 13— Informational meeting February 4— Applications due May—Awards announced July—Funds available Application must be submitted in hard copy (1 copy) and electronically as an e-mail attachment Maximum narrative description of project is 3 double-sided pages	Applicants must promote ODNR DRLP as funding source for project Partial advance grant payments may be made, subject to funding availability Duration of grant is 12 months	Link to application available at first listed URL Funding criteria listed at first listed URL PDF file of application at: http://www.dnr.state.oh.us/Portals/15/grants/2011%20CDG%20Application.pdf Summary of prior grants available at: http://ohiodnr.com/tabid/22304/Default.aspx A summary of ll Ohio DNR grants is available at: http://www.dnr.state.oh.us/tabid/10762/Default.aspx

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Ohio	Petroleum Underground Release Compensation Board Financial Assurance	Petroleum releases	Various forms of assistance for tank owners	http://www.petroboard.com/ S. Richmond (614) 752-8963; srichmond@petroboard.com	Insurance for release Linked deposit low interest loans for replacement and upgrades Maximum loan— \$100,000 Free product removal	Continuous Separate applications for eligibility and payment of claims, linked deposits and product removal	Tank owners must participate in program and pay program fees Must apply for eligibility within 12 months after release was required to be reported Linked deposit loans limited to owners of six Ohio tanks or less Linked deposit loans limited to for profit companies	Forms and applications available at http://www.petroboard.com/forms.htm Various forms of assistance appear to be available; but website does not provide details on each form of assistance
Oklahoma	Oklahoma Aeronautics Commission (OAC) Airport Grants	Airport planning and develop- ment	Projects for planning, development, and airport engineering	Title 3, Oklahoma Statues, Section 81-93 and Title 68, Oklahoma Statues, Section 6003.1. Title 25. Oklahoma Aeronautics Commission, Chapter 15. OAC Grant Program, 25:15-1-1 Through 25:15-1-4 http://www.ok.gov/OAC/Grants/index.html	Grants Local match— 10% for state only grants ½ local share for AIP projects	Funding based on a biennial plan As funds become available, airports will be notified that applications will be accepted	Planning, coordination and development of CIP similar to AIP requirements Grant assurances and conditions similar to AIP requirements Monthly reimbursement requests required Project must be completed within one year of execution of grant agreement Obligations in effect for at least 20 years after execution of grant agreement	Application and other forms available at listed link

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Oklahoma	Corporation Commission Petroleum Storage Tank Indemnity Fund	Petroleum releases	Indemnification for correction, mitigation of petroleum releases Eligible applicants— Tank owners, adjacent property owners, and third parties impacted by release	http://www.occeweb.com/ps/pst_accounting.html http://www.occeweb.com/Rules/Ch%2027%20%20IndemnityFund%207-1-09.pdf	Indemnification, subject to deductibles Deductible—1% of allowable costs not to exceed \$5,000 Maximum payments— \$500,000 to \$3,000,000 depending on volume of tank throughput, number of tanks owned and use of tanks	Continuous application process Application for eligibility and all claims must be filed within two years of closure letter issued by Petroleum Storage Tank Division	Approved scope of work or purchase order required to apply for reimbursement Tank owners must meet specific statutory requirements to be eligible Work must be performed or supervised by a Licensed Remediation Consultant Competitive bids with at least two bidders required except emergency expenditures	Governing regulation with all requirements available at second listed URL
Oklahoma	Conservation Commission, Priority Watersheds Cost-Share Program	Water quality	Financial incentives to land owners who agree to install soil and water conservation best management practices	Clean Water Act, section 319, Pub. L 92-500 http://www.ok.gov/conservation/Agency_Divisions/Water_Quality_Division/WQ_Monitoring/WQ_Priority_Watersheds_Program.html Jim Leach: 405-522-4740	Cost share grants			Focus on designated priority watersheds Examples of past grants available at: http://www.ok.gov/conservation/Agency_Divisions/Water_Quality_Division/WQ_Projects/WQ_Priority_Watershed_Projects_Fort_Cobb.html
Oklahoma	Department of Environmental Quality	Brown- fields, hazardous waste	Brownfields cleanup projects Eligible applicants— Local government and	http://www.deq.state.ok.us/LPDnew/Brownfields/tax/incennew2004.pdf	Low interest loans			Limited information available on website

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	(DEQ) Brownfields Cleanup Revolving Loan Fund		tribal units	Rita Kottke (405) 702-5127; rita.kottke@deq.state.ok.us				
Oklahoma	Historic Preservation Office, Certified Local Government	Historic and cultural resources	Projects for development of historic preservation programs Eligible applicants— Communities designated as CLGs	http://www.okhistory.org/shpo/clg.htm	Grants	May 7— Applications due	CLGs must have historic preservation ordinance and historic preservation commission	Application form and information for certification available at: http://www.okhistory.org/shpo/clg/clginok.pdf Funding application form available at listed URL
Oklahoma	Water Resources Board Clean Water State Revolving Fund (CWSRF)	Water quality, Brown- fields	Water quality projects including: <ul style="list-style-type: none">• Urban storm water• Nonpoint source pollution• Brownfields assessment and remediation Eligible applicants— Cities, towns, and counties	http://www.owrb.ok.gov/financing/loan/cwsrflans.php http://www.owrb.ok.gov/financing/pdf_fin/CWSRF.pdf Joe Freeman, Jennifer Wasinger: (405) 530-8800	Low interest loans Interest rate—60% of Municipal Money Market (AAA) daily rates plus 55 basis points 0.5% administrative fee		Engineering and environmental studies required with application Public notice and hearing required before application for certain projects 125% rate covenant Maximum payback period— 30 years Payments due every 6 months with first principal payment not due until project completion	
Oklahoma	Water Resources	Water quality	Conservation demonstration projects	House Bill 3135	Grants			Program may not have

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Board Water Conservation Program Grants		and xeriscape demonstration gardens Eligible applicants— Towns and municipalities	http://www.owrb.ok.gov/ financing/grant/waterconser vationgrants.php				current funding
Oregon	Oregon Watershed Enhancement Board (OWEB) Water Restoration Grants	Water quality	Projects to improve, restore watersheds, including culvert replacement Eligible applicants— Local governments and tribal organizations	http://www.oregon.gov/OWE B/GRANTS/docs/EligibleGra ntProjects_Types.pdf	Grants	April and October— applications due	Regular progress reports and final closeout report required	Limited program information available through website
Oregon	Oregon State Weed Control Board (OSWB) Noxious Weed Program	Habitat, invasive species	On-the-ground noxious weed control projects Eligible applicants— Local governments and tribal organizations	http://www.oregon.gov/ODA/ PLANT/WEEDS/grantindex. shtml Shannon Brubaker: 503-986- 4622; sbrubake@oda.state.or.us	Grants	July and December— Applications due September and February— grants awarded Hardcopy application (original and 14 copies) plus e-mailed electronic copy required	Funding limited to projects to address OSWB listed noxious weeds September projects must be completed by the following June. February projects must be completed by the following February	Projects that include restoration with native vegetation in addition to eradication receive priority
Oregon	Department of Aviation Financial Aid to Municipalities (FAM) Grant Program	Airport planning and develop- ment	Airport planning and development projects Eligible applicants— Municipalities owning public-use airports	Oregon Administrative Rules (OAR) 738-125 http://arcweb.sos.state.or.us/ rules/OARS_700/OAR_738/ 738_125.html	Grants Local match—5% to 50%, based on airport category and activity level Maximum grant— \$25,000		Applicant must have enacted or begun enacting airport zoning Approved ALP (or pending approval) required Other requirements similar to AIP	Department of Aviation will provide sample application and forms upon request
Oregon	Department of Energy Community Renewable	Energy, emissions	Renewable energy feasibility studies Eligible applicants— Any person; however,	http://www.oregon.gov/ENER GY/RENEW/CREFF.shtml#C ommunity_Renewable_Energ y_Feasibility_Fund_CREFF_	Grants Local match 25%	August 16— Announcement of fund availability	Energy producing projects must generate between	Summaries of previous grants

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Energy Feasibility Fund		local governments appear to be predominant recipients	Rebecca Sherman: (503) 373-2120; rebecca.sherman@state.or.us	Maximum grant \$50,000	October 8— Applications due	25 KW and 10 MW Project must be site specific	available at listed URL
Oregon	Infrastructure Finance Authority (IFA) Renewable Energy Feasibility Fund	Energy, emissions	Renewable energy feasibility studies to evaluate the technical and economic viability of projects that use renewable resources to generate electricity or heat Eligible applicants— Public agencies	http://www.orinfrastructure.org/dev/www/IFA/Learn-About-Infrastructure-Programs/Interested-in-a-Special-Project/Renewable-energy-feasibility/	Grants and loans Grant local match—25% Maximum grant— \$50,000 Local match can be paid with loan from Oregon Special Public Works Fund	September— Announcement of grant opportunity		Limited information available on website
Oregon	State Energy Loan Program	Energy, emissions	Projects that: <ul style="list-style-type: none"> • Save energy • Produce energy from renewable sources • Use recycled materials to create products • Use alternative fuels Limited funds available for energy evaluations Eligible applicants— Cities, counties, state agencies and tribal organizations	http://www.oregon.gov/ENERGY/LOANS/selphm.shtml http://www.oregon.gov/ENERGY/LOANS/selpqa.shtml Kathy Estes (503) 378-4040; kathy.estes@state.or.us	Low interest loans Rates for governmental loans not available on website 0.1% application fee 0.5% underwriting fee Minimum loan— \$20,000 Maximum loan— \$20 million	Continuous Loan processing ranges from 3 weeks to 2 months for public agencies	Term of loans—5 to 15 years Loans must be secured by the equipment being purchased	Public facilities using at least \$10,000 in energy annually may qualify for a free energy analysis Link to sample projects available at second listed URL Links to rate schedule and fee calculations at first listed URL
Oregon	Department of Environmental Quality (DEQ) Solid Waste Program	Recycling, solid waste	Projects to recycle or reduce solid waste	http://www.deq.state.or.us/lq/sw/grants/index.htm DEQ Land Quality Division 503-229-5696	Grants			Link to all DEQ forms available at: http://www.deq.state.or.us/pubs/index.htm

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								DEQ has numerous programs, and web links provide comprehensive catalogue of documents. Use of contact information is recommended Solid waste grants were not awarded in 2010 due to budget constraints
Oregon	DEQ Clean Water State Revolving Fund	Water quality	Projects that protect and restore water quality through nonpoint source water quality project Eligible applicants— Cities, counties, and tribal organizations	http://www.deq.state.or.us/wq/loans/loans.htm http://www.deq.state.or.us/wq/pubs/factsheets/funding/cwsrfl_oans.pdf Manette Simpson: (503) 229-5622; simpson.manette@deq.state.or.us	Low interest loans Interest rates— 1.09% to 2.83%, based on term of loan and type of project	Continuous	Term of loans—5 years to 20 years	In 2010 Oregon announced a principal forgiveness program as described in document available at: http://www.deq.state.or.us/wq/loans/docs/DEQmemo.pdf
Oregon	DEQ Non-point Source Section 319 Grants	Water quality	Projects to reduce and mitigate nonpoint source pollution Eligible applicants— Government agencies and tribal organizations	Clean Water Act, section 319, Pub. L. 92-500 http://www.deq.state.or.us/wq/nonpoint/grants.htm Ivan Camacho: 503-229-5088; camacho.ivan@deq.state.or.us	Grants	November 8— New grant cycle begins		Limited information available on web. More information may be available when next grant cycle starts or though listed contact

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Oregon	DEQ Brownfield Assessment Grant Program	Brown- fields, hazardous waste	Projects for environmental site assessment of suspected brownfield sites Eligible applicants— Government agencies and nonprofits	http://www.deq.state.or.us/lq/cu/brownfields/assessments.htm Gil Wistar 503-229-5512	Grants	Continuous		Link to past grant included at listed URL
Oregon	DEQ Clean Diesel Grant Program	Air quality, emissions	Projects for engine retrofit, nonroad diesel repower and truck engine scrapping Eligible applicants— Owners of nonroad diesel vehicles	Oregon Revised Statutes 468A.793 through 468A.803 OAR 340-259-0005 through 340-259-0065 http://www.deq.state.or.us/aq/diesel/clean.htm Kevin Downing: (503) 229- 6549; downing.kevin@deq.state.or. us	Grants Local match— 0% for engine retrofit 75% for engine repower	Continuous	EPA or CARB certified technology must be used	Listed URL includes links to forms and information
Oregon	Oregon Economic & Community Development Department (OECD) Brownfields Cleanup Fund	Brown- fields, hazardous waste	Projects for environmental cleanup activities at brownfield cleanup sites Eligible applicants— Municipalities, among others, but limited funds are available for municipal grants	OECD 503-986-0123 http://www.deq.state.or.us/lq/pubs/docs/cu/ORCoalitionBrownfieldsCleanup.pdf	Grants and loans Local match—20% on grants and loans		Financial analysis of applicant's ability to repay loan is primary method used for allocating grant and loan funds Term of loans— 20 years	Primarily a loan program
Oregon	Oregon Fish and Wildlife Department (ODFW) Conservation Strategy Implementati on Grants	Habitat wildlife conserva- tion	Conservation projects focusing on habitat preservation and restoration Eligible applicants— Cities, counties, and tribal organizations	http://www.dfw.state.or.us/conservationstrategy/grant_application.asp http://www.dfw.state.or.us/conservationstrategy/document_pdf/Oregon_Conservation_Strategy_Implementation_Grant_Instructions_v052507.pdf	Grants Local match—50% Minimum grant— \$10,000 Maximum grant— \$50,000	April— Announcement of grant opportunity June 15— Applications due Hard copy required. Faxed applications	Payments on reimbursement basis Applicant must have documentation of required licenses and permits	Funds provided form federal program Application instructions at second listed URL

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				Peg Boulay: 503-947-6316; Peg.C.Boulay@state.or.us		accepted on June 15 if hard copy postmarked on that date 10-page limit with 11 point type		Links to program priorities and application forms at first listed URL
Oregon	ODFW Access and Habitat Grants	Habitat, wildlife conserva- tion	Projects to improve wildlife habitat, including noxious weed control Projects may be on public property, but preference is given to private property	http://www.dfw.state.or.us/AH/grants/ http://www.dfw.state.or.us/AH/grants/docs/AH_application_packet.pdf	Grants Local match—0%	Applications accepted four times per year— December, March, June, September Applications scheduled decision 4 months after submission Applications to be submitted to A & H Regional Program Coordinators	Contact with ODFW Regional coordinator before filing application is recommended Payments on reimbursement basis, or 90% advance	Application form at second listed URL Summary of all ODFW grant programs at: http://www.dfw.state.or.us/fish/docs/grant_application_chart.pdf
Oregon	Invasive Species Council Invasive Species Control Account	Invasive species	Funds to address invasive species emergencies Eligible applicants— State and local governments and tribal organizations	ORS 570.800, 570.810 http://www.oregon.gov/OISC/609_010_0100.shtml	Release of funds, based on agreement following declaration of emergency	Continuous, as emergencies occur	Declaration of invasive species emergency required for release of funds Application must include a response plan that addresses a number of issues and includes a risk assessment	Additional information on priorities and funding criteria available at listed URL
Oregon	State Historic Preservation Office (SHPO) Certified Local	Historic, cultural resources	Projects for historic preservation activities, including: <ul style="list-style-type: none">• Surveys	http://www.oregon.gov/OPRD/HCD/SHPO/clg.shtml http://www.oregon.gov/OPRD/HCD/SHPO/CLG_Tools.shtml	Grants Local match—50% Range of grants— \$5,000 to \$20,000		Communities must have a landmarks/historic commission to qualify as CLG	Links to list of CLGs at list URL Links to additional

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	Government Grants		<ul style="list-style-type: none"> • National Register nominations • Engineering and planning for preservation work • Preservation construction <p>Eligible applicants— Certified local governments</p>	Kuri Gill: (503) 986-0685; Kuri.Gill@state.or.us				guidance, sample documents at second URL
Oregon	SHPO Preserving Oregon Grant Program	Historic, cultural resources	<p>Rehabilitation projects to support National Register sites or significant work identifying, preserving, or interpreting archeological sites</p> <p>Eligible applicants— Local governments, nonprofits and private owners</p>	<p>http://www.oregonheritage.org/OPRD/HCD/FINASST/grants.shtml#Preserving_Oregon_Grant_Prog_</p> <p>http://www.oregonheritage.org/OPRD/HCD/FINASST/docs/PO_Grant_App_2009_New_Saveable2.pdf</p> <p>Joy Sears (503) 986-0688; joy.sears@state.or.us</p> <p>Dennis Griffin (503) 986-0674; dennis.griffin@state.or.us</p>	<p>Grants</p> <p>Local match—50%</p> <p>Maximum grant—\$20,000</p>	<p>October 16— Applications due</p> <p>December 1— Notification of awards</p> <p>Second May after award— Final project reporting and billing deadline</p> <p>(Note this is a biennial program)</p>	<p>Interior Department standards must be followed</p> <p>Bids and estimates strengthen requests</p>	<p>Priority for public and nonprofit-owned buildings</p> <p>Application form at second listed URL</p> <p>Links to lists of prior recipients available at first listed URL</p>
Pennsylvania	Department of Environmental Protection (DEP) Renewable Energy Program	Energy, emissions	<p>Geothermal and wind projects</p> <p>Assistance for geothermal is limited to component manufacturers. Grants for installation of systems are not offered at this time</p> <p>Eligible applicants— Political subdivisions, including cities and counties</p>	<p>http://www.newpa.com/find-and-apply-for-funding/funding-and-program-finder/funding-detail/index.aspx?progId=191</p> <p>Renewable Energy Program (717) 787-7120; ra-dcedcbf@state.pa.us</p>	<p>Grants</p> <p>Local match—50%</p> <p>Maximum grant—\$1 million for wind project</p> <p>\$175,000 for planning and feasibility studies</p>	<p>Continuous application process, but application must be submitted at least 60 days before a meeting of the Commonwealth Financing Authority (CFA) at which applications are scheduled to be considered.</p> <p>Electronic application</p>	<p>\$100 application fee</p> <p>Projects subject to Pennsylvania prevailing wage law</p> <p>Grant offer must be signed by applicant and returned to the state within 45 days</p>	<p>Supplemental information must be included with hard-copy. Link to supplemental information requirements available at first listed URL</p>

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						submitted at www.esa.dced.state.pa.us plus 10 hard copies		
Pennsylvania	DEP State Energy Program	Energy, emissions		http://www.portal.state.pa.us/portal/server.pt?open=514&objID=552354&mode=2 Kerry Campbell: 717-783-8411				Most funding in program goes to DEP's Energy Harvest Program
Pennsylvania	DEP Energy Harvest Program	Energy, emissions	Program to support promotion of alternative energy sources Eligible items include equipment and supplies, contractor expenses and administrative expenses, subject to a 2 percent cap Eligible applicants— 501(c)(3) nonprofits and government agencies For profit entities may partner with eligible entities	http://www.portal.state.pa.us/portal/server.pt/community/energy_harvest/10397 http://www.portal.state.pa.us/portal/server.pt?open=514&objID=552362&mode=2 kcampbell@state.pa.us	Grants Maximum grant— \$500,000		Projects must be completed within 2 years Quarterly progress report and follow- up report one year after project completion	E-mail notifications of next grant opportunity can be requested at first listed URL
Pennsylvania	DEP Alternative Fuels Incentive Program	Emissions	Various initiatives to promote and build markets for advanced alternative fuel technologies Grants available for incremental cost of specified alternative fuel vehicles, specifically: • Fleet conversion of	Acts 166, 178 http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-80625/7000-BK-DEP4077%202010.pdf	Grants Maximum grant— \$1 million	July— Announcement of grant opportunity August 27— Applications due Applications must be submitted through Pennsylvania's	Projects start on or after July 1 Projects must be completed within 2 years Minimum purchase of 10 vehicles required to qualify Participation by small MBE and	Evaluation criteria outlined in document available at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<p>trucks to propane vehicles</p> <ul style="list-style-type: none"> • Fleet purchases of Transit Authority buses • Fleet purchase of hybrid electric vehicles • Fleet electrification of airport GSEs <p>Eligible applicants—Municipal entities</p>			environmental e-grant portal	<p>WBE firms encouraged</p> <p>Consultation with state staff before filing application is recommended</p> <p>Monthly reporting requirements</p>	
Pennsylvania	DEP Brownfields Assessment and Remediation Grants	Brownfields, hazardous waste	<p>Projects for assessment, remediation, and redevelopment of brownfield sites</p> <p>Eligible applicants—Municipalities, counties, and public agencies</p>	<p>http://www.ahs2.dep.state.pa.us/GrantsCenter/ProgramSummary.asp?ID=148</p>	Grants	Continuous application process	<p>Projects undergoing remediation should be enrolled in the DEP Land Recycling Program</p>	Limited information on website
Pennsylvania	DEP Growing Greener Grants	Water quality	<p>Projects to improve water quality of impaired waters resulting from urban runoff and to protect waters threatened by nonpoint source pollution</p> <p>Eligible applicants—County and municipal governments</p>	<p>27 Pa. C.S. 6101 et seq.</p> <p>http://www.ahs2.dep.state.pa.us/GrantsCenter/ProgramSummary.asp?ID=65</p> <p>http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-80592/1010-BK-DEP3193%202010.pdf</p> <p>Russell Wagner: 717-772-5807; ruwagner@state.pa.us</p>	<p>Grants</p> <p>Local match—15%</p>	<p>September 3—Deadline for contacting DEP personnel</p> <p>September 17—Applications due</p> <p>Hard copy applications required (Original and 4 copies to DEP Grant Center; 1 copy to county conservation district where project is located)</p>	<p>Projects must be completed by third June after application deadline</p> <p>Construction projects of greater than \$25,000 subject to Pennsylvania prevailing wage law</p>	<p>Project priorities and full application requirements included in document at second listed URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Pennsylvania	DEP Non- point Source Grants	Water quality	Funds to assist in implementing Pennsylvania's nonpoint source management plan Eligible applicants— County and municipal governments	Section 319 Clean Water Act, Pub. L 92-500 http://www.ahs2.dep.state.pa.us/GrantsCenter/ProgramSummary.asp?ID=4 http://www.portal.state.pa.us/portal/server.pt/community/nonpoint_source_management/10615 http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-80592/1010-BK-DEP3193%202010.pdf Russell Wagner: 717-772-5807; ruwagner@state.pa.us	Grants	July— Applications available September 3— Deadline for contacting DEP personnel September 17— Applications due	Projects must be completed four years after application deadline	Summaries of past projects available at second listed URL Project priorities and full application requirements included in document at third listed URL
Pennsylvania	Energy Development Authority	Electricity, emissions	Alternative energy projects, including: <ul style="list-style-type: none"> • Solar energy • Wind • Low impact hydropower • Geothermal • Biologically derived methane • Biomass • Fuel cells • Demand management 	Pennsylvania Energy Development Authority and Emergency Powers Act, Act of Dec. 14, 1982, P.L. 1213, No. 280 http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-79800/7000-BK-DEP4267-2010%20wo%20App.pdf http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-79800/7000-BK-DEP4267-2010%20wo%20App.pdf	Grants	June 15— Application due Grants must be submitted electronically through Pennsylvania e-grant system	Projects must include a research component Projects should be completed within 18 months of approval Payment on reimbursement basis Discussion with regional staff before filing an application recommended \$150 application fee required	Link for automatic notification of new application opportunities and link to summaries of past grants available at first listed URL Additional guidance at: http://files.dep.state.pa.us/Energy/Office%20of%20Energy%20and%20Technology/OTDPortalFiles/GrantsLoansTaxCredits/PEDA/PEDA2010.pdf

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Pennsylvania	Department of Insurance Underground Storage Tank Indemnificati on Fund (USTIF)	Petroleum releases	Cleanup, remediation and third party damages resulting from release from tanks	http://www.portal.state.pa.us/portal/server.pt/community/offices__organizational_charts/9304/claims/606698 USTIF (717) 787-0763; ra-ustif@state.pa.us	Indemnification, insurance Deductible— \$5,000 per occurrence for corrective action plus \$5,000 per occurrence for third party liability Maximum payment— \$1.5 million per tank per occurrence	Continuous	Claims must be reported within 60 days of occurrence Tanks must be registered with DEP and tank fees paid	
Pennsylvania	Department of Community and Economic Development (DCED) Underground Storage Tank Loan Program	Petroleum storage tanks	Assistance for tank owners in upgrading tanks to meet new standards	http://www.portal.state.pa.us/portal/server.pt/community/storage_tanks/14098/financial_assistance/589764 DCED 800-379-7448	Low interest loans			Limited information available on website
Pennsylvania	DEP Pollution Prevention Reimburse- ment “Pump and Plug”	Petroleum storage tanks	Projects for emptying, cleaning, and plugging underground storage tanks that have not been upgraded	http://www.portal.state.pa.us/portal/server.pt/community/storage_tanks/14098/financial_assistance/589764 http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-69670/2570-FM-BWM0370.pdf	Grants Local match— \$1,000 Maximum grant— \$2,500	Continuous Applications to be submitted after work completed Hard copy applications only	Competitive bidding is recommended, but not required	Application form and instructions available at second listed URL
Pennsylvania	DEP Underground Heating Oil Tank Cleanup Reimburse- ment Grant Program	Petroleum releases	Reimbursement of costs of cleanup of heating oil tank release from tanks with maximum capacity of 3,000 gallons	Storage Tank and Spill Prevention Act Section 710(b.2) http://www.portal.state.pa.us/portal/server.pt/community/storage_tanks/14098/financial_assistance/589764 http://www.portal.state.pa.us/portal/server.pt?open=514&objID=589716&mode=2	Grants Local match— \$1000 Maximum grant— \$4,000		Only releases on or after January 30, 1998, are eligible	Application form and program information available at third listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-80565/2510-FM-BWM0249.pdf DEP Division of Remediation Services: 717-783-9475; www.depweb.state.pa.us				
Pennsylvania	Bureau of Aviation Development Program and Transportation Assistance Program	Airport planning and development	Projects to preserve, upgrade and build new airport facilities Eligible applicants—Public use airports	http://www.dot.state.pa.us/Internet/Bureaus/pdBOA.nsf/AviationHomepage?openframeset Ed Buczeskie, Lori Lubic: 717-705-1223	Grants Local match—25% for state funded projects ½ federal local match requirement for AIP funded projects	Electronic filing available through: http://www.dot34.state.pa.us/	Airports must be public use airports and licensed by the state	Limited information available through website
Puerto Rico	Green Puerto Rico Programs	Energy, emissions		http://www.puertoricoverde.net/	Note: Program descriptions in Spanish	Note: Program descriptions in Spanish	Note: Program descriptions in Spanish	Note: Program descriptions in Spanish
Rhode Island	Department of Environmental Management (DEM) Brownfield Site Assessment Program	Brownfields, hazardous waste	Free Phase I and Phase II Environmental Site Assessments Eligible applicants—Property owners or buyers in Pawtucket, Central Falls and Cumberland	http://www.dem.ri.gov/bfassess/pdf/freesae.pdf http://www.dem.ri.gov/bfassess/index.htm Susan Mara: 401-724-5200; maras@psdri.net Cynthia Gianfrancesco: (401) 222-2797, ext. 7126 cynthia.gianfrancesco@dem.ri.gov	Project performed directly by state Local match—0%	Continuous, subject to availability of funds	Phase II assessments are not required If Phase II Assessment results in a finding of contamination, it must be reported to DEM in 15 days, and the contamination must be remediated	Priority for properties along Broad Street
Rhode Island	DEM, Non-Point Source Pollution Grants	Water quality	Projects to assist in reducing or eliminating nonpoint source pollution	Section 319 Clean Water Act, Pub. L 92-500 http://www.dem.ri.gov/programs/benviron/water/finance/non/index.htm	Grants Local match: 10% for assessment and	December—RFP issued February 12—Proposals for	Payments on reimbursement basis	Link to most recent RFP at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<p>Eligible projects include:</p> <ul style="list-style-type: none"> • Implementation of BMPs, including construction • Feasibility studies • Erosion and sedimentation controls • Aquatic habitat restoration <p>Eligible applicants—Municipal, state and regional governments and quasi-state agencies</p>	<p>http://www.dem.ri.gov/programs/benviron/water/finance/non/pdfs/fy0910pr.pdf</p> <p>Betsy Dake: (401) 222-4700 Ext. 7230; Betsy.Dake@dem.ri.gov</p> <p>Ernie Panciera: (401) 222-4700, Ext. 7603; Ernie.Panciera@dem.ri.gov</p>	<p>feasibility study of BMPs</p> <p>15% for final BMP management and construction</p> <p>30% for other projects</p>	<p>shovel ready projects due</p> <p>April 30—All other proposals due</p> <p>April—Shovel ready projects award announcement</p> <p>August—Announcement of awards for other projects</p> <p>Hard copy applications</p>	<p>Competitive bidding required DBE goals</p> <p>Competitive procurement for engineering and consulting services</p> <p>Projects should lead to measurable reduction in pollutants</p> <p>Fiscal systems compliant with OMB Circular A-87 and A-133 required</p>	<p>Link to model grant proposal at first listed URL</p> <p>Local match reduced for most recent round of grants. Standard local match is 40%</p>
Rhode Island	Economic Development Corporation Brownfields Revolving Loan Fund	Brown-fields Hazardous waste	<p>Projects for cleanup and return to economically productive use of brownfield sites</p> <p>Grants available for public entities and nonprofits</p> <p>Eligible applicants—Public or private entities with control over access to the sites</p>	<p>http://www.dem.ri.gov/brownfields/financial/index.htm#targetted</p> <p>http://www.dem.ri.gov/brownfields/financial/rlfoverview.htm</p> <p>http://www.dem.ri.gov/brownfields/financial/rlfeligibility.htm</p> <p>http://www.dem.ri.gov/brownfields/financial/rlfprocess.htm</p> <p>http://www.dem.ri.gov/brownfields/financial/rlfdocuments.htm</p> <p>William J. Parsons: (401) 278-9100 Ext. 130; wparsons@riedc.com</p>	<p>Low interest loans and grants</p> <p>Minimum loan—\$50,000</p> <p>Maximum loan—\$500,000</p> <p>Maximum grant—\$200,000</p>	<p>Continuous application process</p> <p>Two step process</p> <p>Step 1—preliminary interest form, submitted by e-mail</p> <p>Step 2—loan application form, submitted by e-mail</p>	<p>Maximum five-year term for loans.</p> <p>Monthly principal and interest payments</p> <p>Applicants must be exempt from CERCLA liability</p> <p>\$100 application fee</p> <p>Closing costs of 1.5% of loan amount</p>	<p>First listed URL is summary of brownfield funding programs. Remaining URLs provide detailed information on Revolving Loan Fund.</p> <p>Fifth listed URL provides links to application documents</p>
South Carolina	Aeronautics Commission	Airport planning and development	Funds for airport development	<p>http://www.scaeronautics.com/publications/PROJECT_APPLICATION.pdf</p> <p>http://www.scaeronautics.com/</p>	Grants			First listed URL is a link to a grant application. No further information is

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				John Floyd: (803) 896-6272				currently available on website
South Carolina	Energy Office, Renewable Energy and Advanced Technology Vehicle Grant Program	Emissions, energy	Renewable energy and advanced vehicle technology projects Eligible applicants— Non-profits and government agencies	http://www.energy.sc.gov/index.aspx?m=6&t=134 Erika Myers: (803) 737-7951; emyers@energy.sc.gov	Grants	Grants awarded in spring		Limited information on website
South Carolina	Energy Office Energy Efficiency and Conservation Block Grant Program	Energy, emissions	Energy conservation and efficiency projects Eligible applicants— Towns, cities, and counties, except the 10 largest (that receive direct formula funding)	Title V, Subtitle E of the Energy Independence and Security Act (EISA) of 2007 http://energy.sc.gov/index.aspx?m=39&t=119 http://www.energy.sc.gov/?m=39&t=119&h=786	Grants Local match—not required, but encouraged to maximize leverage	Applications submitted through local Councils of Governments (COGs) June 5— Announcement of grant opportunities and earliest date to apply September 15— COG recommendations due to state	Energy measures must reduce energy consumption, peak demand, and/or utility costs; or use renewable energy sources in place of fossil fuel Energy measures must utilize proven, reliable, commercially available technologies ARRA requirements, including Davis-Bacon wage rates, Buy America, reporting and record-keeping	Program funded through ARRA. Continuation is uncertain
South Carolina	Energy Office ConserFund	Energy, emissions	Energy efficiency improvements in public buildings Eligible applicants— State agencies, local governments, and nonprofits	http://www.energy.sc.gov/index.aspx?m=29&t=88 http://www.energy.sc.gov/index.aspx?m=29&t=88&h=795 http://www.energy.sc.gov/publications/Conserfundfinal.pdf	Low interest loans, rate adjusted annually Interest rate—2% Loans available for 100% of project cost	Continuous	10-year maximum loan term	Link to application form at first listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				Rich Horton: (803) 737-0074	Minimum loan— \$25,000 Maximum loan— \$500,000 Loan payments intended to be financed by energy savings			
South Carolina	Department of Health and Environmental Control (DHEC) Section 319 Grants	Water quality	Projects to reduce or prevent nonpoint source pollution Eligible applicants— State and local government entities	http://www.scdhec.gov/ environment/water/grants.htm Http://www.scdhec.gov/ environment/water/docs/319 grantguide.pdf Meredith Murphy (803) 898- 4222; murphymb@dhec.sc.gov	Grants Local match—40%	December— RFP issued March 1— Proposals due	Payments on reimbursement basis Final work plan required after selection of project Final reports and documentation due 45 days after project closeout Quarterly progress reports Support MBEs/WBEs	Priority for projects in 7 designated priority watersheds Evaluation criteria included in grant guide available at second listed URL
South Carolina	DHEC State Clean Diesel Program	Air quality, emissions	Diesel emission reduction initiatives Eligible projects include: <ul style="list-style-type: none"> • Diesel reduction technologies • Idle reduction technologies • EPA designated emerging technologies Eligible applicants— City, county, and state agencies	http://www.scdhec.gov/ environment/baq/DERA/ index.asp http://www.epa.gov/otaq/ diesel/prgstate.htm Adam Page: (803) 898-1423; pageac@dhec.sc.gov Brian Barnes: (803) 898-7099; barnesbk@dhec.sc.gov	Grants			Limited information available on website

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
South Carolina	Brownfields Revolving Loan Fund	Brownfields, hazardous waste	Funding to support brownfields cleanup Eligible applicants— Local governments, businesses, and nonprofits, so long as they are not a responsible party	http://www.scdhec.gov/environment/lwm/html/brownfields.htm http://www.catawbacog.org/files/crdc/BCRLF_Flyer1d.pdf Catawba Regional Council of Governments (803) 327-9041; crkog@catawbacog.org	Low interest loans Rates and loan terms vary	Continuous	Applicants must be participating in South Carolina Brownfields/ Voluntary Cleanup Program	Catawba Regional Council of Governments is the fund manager for the program
South Carolina	State Historic Preservation Office Historic Preservation grants	Historic, cultural resources	Projects for planning and stabilization of historic properties, with stabilization limited to National Register properties	http://shpo.sc.gov/grants/preservationgrants/	Grants	February 11— Applications due	Stabilization work must be completed according to Department of Interior standards	Applications currently limited to CLGs due to budgetary constraints List of current CLGs available at listed URL
South Dakota	Department of Environment and Natural Resources (DENR) Brownfield Revolving Loan Fund	Brownfields, hazardous waste	Projects for assessment and cleanup of brownfield sites	http://denr.sd.gov/des/gw/Brownfields/Brownfields.aspx Kim McIntosh: (605) 773-3296; kim.mcintosh@state.sd.us	Low interest loans			Limited information on state website. State web page leads to EPA website
South Dakota	DENR Targeted Brownfields Assessment Grants	Brownfields, hazardous waste	Site assessment projects for sites where there is a release or threat of release of a hazardous substance or a pollutant or contaminant that may present an imminent and substantial danger to public health Eligible applicants— Cities, counties, and local development groups	http://denr.sd.gov/des/gw/Brownfields/Targetd_Brownfields_Assessment.aspx Kim McIntosh: (605) 773-3296; kim.mcintosh@state.sd.us	Grants			Additional information available through application documents, but no link to application is provided

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
South Dakota	DENR Petroleum Release Cleanup Fund	Petroleum releases	Financial assistance for cleanup of petroleum releases Eligible applicants— Owners of tanks at time of release	http://www.state.sd.us/drr2/reg/prcf/index.htm http://www.state.sd.us/drr2/reg/prcf/prcfaq.htm Petroleum Release Compensation Fund (605) 773-3769	Cost reimbursement Deductible— \$10,000 Maximum payout— \$1 million per occurrence; \$2 million per owner per year	Continuous application process Claim may be initiated by filing invoice for expenses Program will initiate a claim process following report of release	Must use certified professionals to oversee/accomplish cleanup	Prior approval of cleanup action recommended, except in emergencies
South Dakota	DENR Clean Water Act Section 319 Grants	Water quality	Projects to eliminate or reduce nonpoint source pollution Eligible applicants— Government agencies, cities, counties and tribal organizations	Section 319 Clean Water Act, Pub. L 92-500 http://denr.sd.gov/dfta/wp/319.aspx http://denr.sd.gov/dfta/wp/10319rfp.pdf Pete Jahraus (605) 773-4254 or pete.jahraus@state.sd.us	Grants Local match—40%	October 1— Proposals due January— Approval by South Dakota Board of Water and Natural Resources May—US EPA approval June—Project grants issued	Proposals must follow format specified in U.S. EPA Region 8 guidance Projects should be completed within 3 years	Priority for projects that address TMDLs clustered in close proximity. Link to South Dakota TMDL water bodies at second listed URL Link to Region 8 required format at second listed URL Instructions and sample application at first listed URL
South Dakota	DENR Clean Water State Revolving Funds	Water quality	Clean water and nonpoint source pollution control projects	Administrative Rules of South Dakota 74:05:08 http://denr.sd.gov/dfta/wwf/cwsrf/cwsrfprogram.aspx	Low interest loans Interest rates:	Quarterly applications with due dates on the following:	Project must be on State Water Plan and included in state's Intended	Application form at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Governmental entities with authority to raise revenues and pay general obligation bonds	http://denr.sd.gov/dfta/wwf/cwsrf/E0423LDV1-CleanWaterSRFApp.pdf Mike Perkovich: (605) 773-4216; denrinternet@state.sd.us	<ul style="list-style-type: none"> • 2.25% for 10 year terms • 3.0% for 11–20-year terms • 3.25% for 21–30-year terms 	<ul style="list-style-type: none"> • January 2 • April 1 • July 1 • October 1 	<p>Use Plan</p> <p>Most recent audited financial statements or unaudited annual reports</p> <p>Applicant must retain bond counsel</p> <p>Facilities plan with information sufficient to permit environmental review required</p> <p>Facilities planning process must include a public hearing</p>	
South Dakota	DENR Solid Waste Management Program	Solid waste, recycling	Solid waste disposal and recycling projects Eligible applicants— Municipalities, counties, tribal organizations businesses	Administrative Rules of South Dakota 74:05:10 http://denr.sd.gov/dfta/wwf/swmp/swmp.aspx Stacy Froelich: (605) 773-4216; denrinternet@state.sd.us	<p>For grants</p> <p>Local match—40%</p> <p>For loans</p> <p>Interest rate— 2.25% for seven years or useful life of project, whichever is less</p>	<p>Quarterly applications with due dates on the following:</p> <ul style="list-style-type: none"> • January 2 • April 1 • July 1 • October 1 	<p>A three year business plan and general application required for all projects</p> <p>Loan requests include additional application</p>	<p>Links to application documents and information at listed URL</p> <p>10 criteria are used to evaluate application, which are provided at listed URL</p>
Tennessee	Tennessee Department of Agriculture (TDA) Non-Point Source Program	Water quality	Projects for installing BMPs to stop nonpoint source (NPS) pollution Eligible applicants— State agencies, local governments, nonprofits	Section 319 Clean Water Act, Pub. L 92-500 http://www.tennessee.gov/agriculture/water/nps.html http://www.tennessee.gov/agriculture/publications/319-RFPF.pdf	<p>Grants</p> <p>Local match—40%</p>	<p>December 1— Applications due</p> <p>E-mail preferred, but hard copy accepted</p>	<p>Payments on reimbursable basis</p> <p>Project must be included in approved watershed based plan</p>	<p>Highest priority is projects to address waters identified as impaired by NPS pollution</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				http://www.state.tn.us/environment/wpc/publications/#wqassessment Sam Marshall: 615-837-5306; sam.marshall@tn.gov				Additional information on program available at: http://www.state.tn.us/agriculture/publications/nps.pdf List of impaired waters available at third listed URL Additional program information, including prior project summaries available at first listed URL
Tennessee	Department of Environment and Conservation (DEC) Recycling Equipment Grants	Recycling, solid waste	Funds for purchase of recycling equipment Eligible applicants— Counties and municipalities	http://tn.gov/environment/swm/forms/cn0916_recycling_grant.pdf Loretta Harrington: (615) 532-0086	Grants Local match—10% to 50% based on economic considerations Maximum grant—\$25,000	August 26— Grant announcement October 8— Applications due Hardcopy original with signature required	Counties and municipalities eligible for recycling rebates are ineligible for equipment grants—	Current round priorities— First— projects employing individuals with developmental disabilities Second— projects to create or expand paper/fiber recycling programs Application announcement, with list of local match

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
								requirements and ineligible counties and municipalities available at second listed URL
Tennessee	DEC Waste Reduction Grants	Solid waste	Projects to improve waste reduction efforts Eligible applicants— Local governments and nonprofits	http://tn.gov/environment/swm/grants/miscgrant.shtml#WR	Grants Local match—10% to 50%, based on population and economic considerations			Program not currently funded; program included for future reference
Tennessee	DEC Brownfield Assistance Programs	Brown-fields, hazardous waste	Various assistance programs to support assessment, cleanup and redevelopment of brownfield sites, including: Brownfield Assessment Grants Brownfield Cleanup Grants Brownfield Revolving Loan Fund	http://tn.gov/environment/dor/brownfields.shtml Andy Binford 615-532-0900; ask.tdec@tn.gov	Grants and loans			Website provides direct links to EPA websites addressing the programs
Tennessee	Historical Commission	Historic and cultural resources	Funding for historic preservation activities including surveys and archeological studies, preservation planning studies, predevelopment and development work for historic properties	http://tn.gov/environment/hist/federal/preservation_grants.shtml E. Patrick McIntyre, Jr. 615-532-1550; Ask.TDecember@tn.gov	Grants Local match—40%			Limited information available through website
Tennessee	Aeronautics Division State Assisted Programs	Airport planning and develop-	Obstruction clearing projects and specified maintenance projects	http://www.tdot.state.tn.us/aeronautics/handbook/SponsorsTOC.htm	Grants Local match—10% or 50%, depending on project	Continuous, with applications reviewed on a monthly basis. Decisions made	Details provided at second listed URL	Program may have limited applicability for environmental

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
		ment		<p>Marsha Dubin (615) 253.5926; Marsha.Dubin@tn.gov</p> <p>Belinda Hampton Grants Analyst III voice mail: (615) 741.1901 email: Belinda.Hampton@tn.gov</p>		within two weeks of the end of each month applications are submitted		projects. Information offered for reference purposes
Texas	Commission on Environmental Quality (CEQ) Texas Emission Reduction Plan (TERP) Emission Reduction Incentive Grants	Air quality, emissions	<p>Projects for upgrades or replacement of heavy duty on-road (8,500 pounds GVWR) or more and off-road vehicles and equipment</p> <p>Replacement, repower and retrofit of vehicles is eligible</p> <p>Refueling infrastructure for qualifying fuels is also eligible.</p> <p>Eligible applicants— Owners of vehicles in DFW, Austin, San Antonio, Beaumont–Port Arthur, Houston–Galveston–Brazoria, and Tyler Longview metropolitan areas</p>	<p>http://www.tceq.state.tx.us/implementation/air/terp/</p> <p>http://www.tceq.state.tx.us/implementation/air/terp/erig_apps.html</p> <p>http://www.tceq.state.tx.us/assets/public/implementation/air/terp/erig/2010R1_RFA.pdf</p> <p>TERP Program 512/239-4950; terp@tceq.state.tx.us</p>	Grants Participation rates vary depending on type of project and quantity of emission reductions	<p>June 10— Request for Applications issued</p> <p>August 13— Applications due</p> <p>Hard copy (three signed originals)</p>	<p>Replacement, repower, and retrofit projects must produce at least 25% reduction in NO_x.</p> <p>Replacement equipment must be certified by EPA or CARB</p>	Focus of program is NO _x reduction. RFA provides detailed information on funding level, project eligibility and procedures. RFA available at third listed URL
Texas	Texas CEQ, TERP Rebate Grants	Air quality, emissions	<p>Projects to replace or upgrade heavy duty (8,500 pounds GVWR) diesel on road vehicles and off-road equipment</p> <p>Eligibility limited to owners of not more than two vehicles or equipment, one of which has a pre-1994 engine</p> <p>Eligibility limited to same metropolitan</p>	<p>http://www.tceq.state.tx.us/implementation/air/terp/</p> <p>http://www.tceq.state.tx.us/implementation/air/terp/rebate.html#projects</p> <p>TERP Program 512/239-4950; terp@tceq.state.tx.us</p>	Rebate grants Rebate amounts predetermined by formula based on default usage rates	<p>First-come, first-served application process</p> <p>Hard copy applications (three signed originals)</p>	<p>Applicant must have owned vehicle/equipment at least one year for repower or two years for replacement</p>	<p>Applications not currently being accepted</p> <p>Links to application forms and other documents available at second listed URL</p>

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			areas as preceding program					
Texas	Texas CEQ TERP Texas Clean Fleet Program	Air quality, emissions	Funding to replace heavy and light duty on-road diesel vehicles with alternative fuel and hybrid vehicles Applicants must own and operate at least 100 vehicles in Texas and replace at least 25 diesel vehicles	S.B. 1759 Texas CEQ Regulations, Chapter 114, §§114.600-602, 114.609 http://www.tceq.state.tx.us/ implementation/air/terp/ http://www.tceq.state.tx.us/ implementation/air/terp/tcf. html http://www.tceq.state.tx.us/ implementation/air/terp/tcf_ apps.html http://www.tceq.state.tx.us/ assets/public/implementation/ air/terp/tcf/2010tcf_20556.pdf Implementation Grants Section (TCFP) (800) 919- 8377	Grants Local match—20% to 50%, based on year of manufacture of vehicle being replaced	April 23—Grant period opens June 30— Applications due Hard copy applications (signed original and two copies)	Eligibility limited to vehicles purchased no more than 90 days before opening of grant period Vehicle replacement (purchase and delivery) should take place within 12 months Requirement for minimum use in eligible counties (same as two previous entries) and at least 75% total miles in Texas	Links to RFGA, application forms and additional information at third listed URL
Texas	CEQ Heavy Duty Vehicle Purchase or Lease Incentive Program	Air quality, emissions	Rebates for incremental cost of purchasing heavy duty (10,000 pounds GVWR or more) motor vehicles certified by EPA to exceed current NO _x emission standards.	Senate Bill (S.B.) 5, 77th Texas Legislature http://www.tceq.state.tx.us/ about/funding/motor_vehic le. html TERP Program 512/239-1757	Rebates		At least 75% of vehicle-miles must be within Texas	Program is not currently active due to funding constraints. Information offered for reference
Texas	CEQ Non- Point Source Grant Program	Water quality	Projects to assist state in implementing the State of Texas Nonpoint Source Management Program Projects implementing storm water permit requirements are ineligible	Section 319 Clean Water Act, Pub. L 92-500 http://www.tceq.state.tx.us/ nav/funding/federal_grants. html#nps Wendy Cox (512) 239-5555; wcox@tceq.state.tx.us	Grants	June 27— Opening date for applications September 16— Closing date for applications		Grant opportunity posted on Electronic State Daily Business Website, when it becomes available

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			Eligible applicants— Cities, counties and state agencies					
Texas	CEQ Petroleum Storage Tank (PST) Remediation Fund	Petroleum releases	Reimbursement for remediation of contamination from leaking petroleum storage tanks Limited to releases reported to CEQ before December 22, 1998	Texas Administrative Code, Title 30, Part 1, Chapter 334, Subchapter H http://www.tceq.state.tx.us/permitting/review/reimbursement/index.html#over http://www.tceq.state.tx.us/assets/public/permitting/forms/0230-exp.pdf PST Reimbursement Section 512-239-2200; pstreimb@tceq.state.tx.us	Reimbursement of costs Deductible— \$1,000 to \$10,000 based on number of tanks owned in Texas. Higher deductibles for failure to meet corrective action milestones	Continuous application process	Tanks must be registered and tank fees paid All corrective action must be approved by CEQ. Pre-approved actions receive priority for funding Construction must be supervised by licensed or registered engineer	Fund sunsets on September 1, 2010. All corrective action must be completed by August 31, 2011 and all reimbursement requests submitted by March 1, 2012 Link to application form at second listed URL
Texas	Historical Commission Certified Local Government (CLG) Grants	Historic and cultural resources	Funding to support historic preservation including: <ul style="list-style-type: none"> • Archeological studies • Preservation plans • Rehabilitation or restoration of properties on National Register and properties contributing to a National Register District Eligible applicants— Designated CLGs	http://www.thc.state.tx.us/grantsincent/gracglg.shtml http://www.thc.state.tx.us/certifiedlocgov/clghowto.shtml Derek Satchell 512/463-5997; derek.satchell@thc.state.tx.us	Grants	November 5— Applications due	To qualify as a CLG, communities must: <ul style="list-style-type: none"> • Enforce state or local historic preservation legislation • Establish a historic preservation review commission • Maintain a system for surveying and inventorying historic properties • Provide for public participation 	Information on CLG requirements available at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Texas	Historical Commission, Texas Preservation Trust Fund (TPTF) Grants	Historic and cultural resources	Funding to support survey, acquisition, restoration of historic properties Eligible applicants— Owners of property	http://www.thc.state.tx.us/ grantsincent/gratptf.shtml Telephone contacts for specific project types listed at URL above	Grants Local match—50%	April 1— Applications available June 10— Applications due November 1— project proposals due February 13— Notification to recipients Applications by e-mail or hard- copy. Faxed applications not accepted	Development and acquisition projects require a recorded easement, assuring long term preservation of grant assisted easement. Duration of easement—10 years to 30 years, based on amount of grant	Links to application forms, additional guidance and summaries of prior grants at listed URL
Texas	Department of Transporta- tion, Routine Airport Maintenance Program Grants	Airport planning and develop- ment	“Low cost” airside and landside improvement projects	ftp://ftp.dot.state.tx.us/pub/ txdot-info/avn/ramp_grants_ 10.pdf Aviation Division 800-687- 4568	Grants Local match—50% Maximum grant \$50,000	July—Deadline for executing grant	Only work performed after execution of grant is eligible	Grant program may have limited applicability to environmental initiatives. Information included for reference purposes
Utah	Department of Environmen- tal Quality (DEQ) Petroleum Storage Tank (PST) Low Interest Loans	Petroleum storage	Projects for upgrading, replacing or closing underground storage tanks (USTs)	http://www.undergroundtanks. utah.gov/pst_loan.htm http://www.undergroundtanks. utah.gov/docs/pst_loan_fund_ instructions.pdf http://www.undergroundtanks. utah.gov/docs/pst_loan_ application.pdf http://ag.utah.gov/divisions/ conservation/documents/low- cost_loans.pdf	Low interest loans Interest rate—3% Loan limits— \$45,000 per facility \$15,000 per tank 80% of project costs	March 10— Application period opens December 31— Application period closes	Work performed before application approval and loan closing is ineligible Loans greater than \$15,000 must be secured by real or personal property Work must be performed by certified contractors	Loan application form available at third listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				Gary Astin 801-536-4103 Diane Hernandez 801-536-4116			Loan funds disbursed following completion of work, testing, and inspections Maximum 10 year term	
Utah	Utah State History Certified Local Government (CLG) Grants	Historic and cultural resources	Projects for historic preservation in CLGs, including: <ul style="list-style-type: none"> • Archeological surveys • National Register nominations • Feasibility studies • Preservation of National Register properties Eligible applicants—CLGs only	http://history.utah.gov/historic_buildings/certified_local_government/grants.html Barbara Murphy 801/533-3563; bmurphy@utah.gov Debbie Dahl 801/533-3537; ddhal@utah.gov	Grants Local match—50%	February (second Friday)—Applications due March—notification of award	Projects must be completed within 16 months of award Preservation agreement obligating owner of property to maintain it for five years is required	Utah currently has 65 CLGs. Links to summaries of past grants, applications and other forms is available at listed URL
Utah	State History Capital Facilities Grant	Historic and cultural resources	Capital projects relating to history, prehistory or historic preservation	HB 236 (2009) Rule R212-213 http://history.utah.gov/orgs_and_govs/capital_grant_request.html Debbie Dahl 801/533-3537; ddhal@utah.gov	Grants	June 1—Applications due Applications must be filed electronically Utah State History develops a prioritization list that is subject to approval by governor and legislature		Limited information on website Links to application form, regulations and prior year priority list available at listed URL
Utah	Department of Environmental Quality	Water quality	Funds to reduce and mitigate nonpoint source pollution	Section 319 Clean Water Act, Pub. L 92-500	Grants			Limited information available on website

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	(DEQ), Department of Agriculture, section 319 Program			http://ag.utah.gov/divisions/conservation/reporting.html http://www.waterquality.utah.gov/FinAst/NPSFinancialAssistanceApplication.pdf				Link to application form available at second listed URL
Utah	DEQ, Clean Water revolving loan fund	Water quality	Water quality projects, including control of run-off	http://www.waterquality.utah.gov/FinAst/index.htm#fundforms	Loans Interest rate—0%		20-year terms	Limited information available on website
Utah	DEQ Petroleum Brownfields site assessment	Brown-fields, petroleum releases	Funding for environmental site assessments for potential petroleum contamination Eligible applicants— Site owners who are not responsible parties	http://www.undergroundtanks.utah.gov/ustfieldassessment.htm Paul Zahn (801) 536-4100; pzahn@utah.gov	Grants	Continuous	Limited to sites not receiving funding from LUST Trust Fund and not subject to compliance orders. Only sites with “no viable responsible parties” are eligible	Link to application form available at listed URL
Utah	Department of Natural Resources Endangered Species Mitigation Fund	Fish, wildlife and habitat	Projects to protect and conserve those fish and wildlife species designated as sensitive species and their habitat Eligible applicants— Any person, including cities, counties and state agencies	Utah Code 63-34-14 http://naturalresources.utah.gov/overview.html http://naturalresources.utah.gov/eligibility.html http://naturalresources.utah.gov/pdf/ESMF_app_guide.pdf Reed Harris (801) 538-7420; ReedHarris@utah.gov Christopher Keleher (801) 538-5216; christopherkeleher@utah.gov	Grants	March (first business day)— Applications due May 1— application approval and notification of funding Electronic applications only by e-mail or CD	Project must have support of community where it is to be located	Links to list of sensitive species and application forms available at second listed URL Additional guidance at third listed URL
Utah	Geological Survey, Energy Efficiency Grants and Renewable Energy Grants	Energy, emissions	Renewable energy and energy efficiency projects, funded via ARRA	http://geology.utah.gov/sep/stimulus/sep_formula.htm (801) 538-5428; EnergyRecovery@utah.gov	Grants	RFAs to be published		RFAs to be published. RFAs will be available on BidSync

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Utah	Division of Aeronautics	Airport Planning and Develop- ment	Funding for airports (Program does not appear to participate in AIP funded projects)	http://www.udot.utah.gov/ main/f?p=100:pg:0:::1:T,V:190 , Craig Ide; cide@utah.gov	Grants Local match—10%	Spreadsheet application form available at listed URL		Limited information available on web. There is a reference to state funds and link to an application spreadsheet. Information offered for reference purposes.
Vermont	Department of Environmen- tal Conservation (DEC) Watershed Grants	Water quality	Projects to preserve and enhance Vermont waters, including grants to protect or restore water quality and shorelines and grants to reduce sedimentation and storm water runoff Eligible applicants— Municipalities and local/regional governmental agencies	http://www.vtwaterquality.org /lakes/docs/lp_watershed.appl %20guide%202011.pdf http://www.vtwaterquality.org /lakes/hml/lp_watershedgrants .htm Water Quality Division 802.241.3777 or 802.241.3770	Grants Maximum grant— \$15,000	December— Applications due Applications can be filed electronically through link at second listed URL	Standard state insurance requirements apply. Link available at second listed URL	Links to lists of prior grants and additional program information available at second listed URL. Based on list, program may have limited application to airports, but is included for reference.
Vermont	DEC Section 319 Program	Water quality	Projects to support restoration or implementation activities that are impaired by nonpoint source pollution Eligible applicants Local governments, government agencies and nonprofits	Section 319 Clean Water Act, Pub. L 92-500 http://www.vtwaterquality.org /planning/docs/pl_nps.319. 2010.rfp.pdf http://www.vtwaterquality.org /grants.htm Rick Hopkins 802-241-3769; rick.hopkins@state.vt.us	Grants Local match— 40% Recommended maximum grant— \$45,000	May 7— Applications due Hard copy only (original and 10 copies)	Subject to standard state grant provisions, including insurance requirements Work plan recommended following standard template	RFP including standard state grant provisions available at first listed URL Link to standard template and additional program information at first listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Vermont	DEC Clean & Clear Ecosystem Restoration Grants	Water quality	Projects that improve water quality, including storm water mitigation Eligible agencies—Municipal governments, local and regional government agencies, individuals, and nonprofits	http://www.anr.state.vt.us/cleanandclear/news/FY11%20ECO%20pre-proposal%20RFP.pdf Julie Moore 802-241-3687; julie.moore@state.vt.us.		August 2—Announcement released October 1—Pre-proposals due		
Vermont	DEC Petroleum Cleanup Fund	Petroleum releases	Funding for uninsured cost of remediation of petroleum releases Eligible applicants—Tank owners who can document that cleanup costs were not covered by insurance	3 V.S.A. § 835 of the Administrative Procedures Act 10 V.S.A. Chapter 59 § 1941 http://www.anr.state.vt.us/dec/wastediv/SMS/pubs/PCFReimb.pdf Chuck Schwer 802-241-3876; chuck.schwer@state.vt.us	Cost reimbursement Deductible— \$250 to \$10,000 based on type of tank Maximum coverage cleanup costs— \$25,000 to \$999,750, based on type of tank Third party liability coverage of up to \$1 million is available for some tanks	Continuous	Standard reimbursement rates for certain job functions apply to reimbursements	Appeal procedures available for denial of claims are described in document at listed URL
Vermont	Department of Economic Development (DED) Brownfields Revitalization Fund	Brown-fields, hazardous waste	Projects for assessment, planning and cleanup processes for brownfield sites Eligible applicants—Municipalities, nonprofit, and for profit entities	Title 10 V.S.A. § 6615a http://economicdevelopment.vermont.gov/Programs/BrownfieldInitiative/tabid/118/Default.aspx Curt Carter 802-828-5233; curt@thinkvermont.com	Low interest loans Interest rate determined on case-by-case basis Maximum loan— \$250,000 Grants may also be available	Continuous application process Submissions must be made in December to the Agency of Natural Resources (ANR) and DED Phase 1 application determines eligibility of project	5-year term, but payments may be deferred until project generates revenue Interested applicants must first submit an eligibility determination from (ANR) ANR approval of work plan required	ANR provides technical oversight of program. DED provides financial and economic expertise Links to Phase 1 and Phase 2 applications available at listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
						Phase 2 application determines loan eligibility		
Vermont	Brownfield Regional Assessment Program	Brown- fields, hazardous waste	Support for Brownfield environmental site assessments for economic development administered by Vermont Regional Planning Commissions	http://vapda.org/vtrpc.pdf http://vapda.org/ http://www.anr.state.vt.us/dec/wastediv/SMS/RCPP/Loans_Grants.htm				Limited information available on website. Second listed URL includes list of all Vermont Regional Planning Commissions with web links
Vermont	Agency of Commerce and Community Affairs, Division for Historic Preservation, Historic Preservation Grants	Historic and cultural resources	Grants for restoration and preservation of historic buildings Eligible applicants— Municipalities and nonprofits	http://www.historicvermont.org/financial/hp.html Judith Ehrlich (802) 828-3049; judith.ehrlich@state.vt.us Debra Sayers (802) 828-3212; debra.sayers@state.vt.us	Grants Local match—50% Maximum grant— \$15,000	August— Applications available online		Limited information on website
Virgin Islands	Division of Environmental Protection (DEP) Clean Water Act Section 319 grants	Water quality	Funds to encourage building of watershed partnerships and implementation of best management practices Eligible applicants— state agencies	Section 319 Clean Water Act, Pub. L 92-500 http://www.dpnr.gov.vi/dep/FactSheets/grantguides.htm Division of Environmental Protection (340) 773-1082; maren.branch@dpnr.gov.vi	Grants Local match—20%	April 30—Pre- proposals due May 31— Complete proposals due Hard copy applications	Staff and resources with capability, expertise and environmental experience to perform the proposed work Ability and authority to implement the proposed project	Information dates from 2005

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Virginia	Department of Aviation Common- wealth Airport Fund	Airport planning and develop- ment		http://www.doav.virginia.gov/				Newsletter available at listed URL reports on funds available in Common- wealth Airport Fund, but no further information could be located
Virginia	Department of Conservation and Recreation Water Quality Improvement Fund	Water quality	Projects to reduce nonpoint source pollution Eligible projects include (but are not limited to) various storm water retrofits and low impact development, such as detention retrofits and roof runoff retrofits Eligible applicants— Cities, counties, state agencies	http://www.dcr.virginia.gov/ soil_and_water/documents/ wqrfp2010fin.pdf http://www.dcr.virginia.gov/ soil_and_water/wqia.shtml	Grants Local match—50% Minimum grant— \$25,000 Maximum grant— \$250,000	September 1— RFP issued November 1— Applications due April 1—Funds available Applications must be submitted electronically by e-mail or CD	Projects must be completed within 2 years Information on grant management requirements available at http://www.dcr. virginia.gov/soil_ and_water/grants. shtml	Copy of RFP at first listed URL includes discussion of evaluation criteria and weighting.
Virginia	Department of Environmental Quality (DEQ) Litter Control and Recycling Grant Program	Solid waste, recycling	Funds to support litter reduction and encourage recycling Eligible applicants— Cities, counties, incorporated towns	Section 10.1-1422.01 of the Code of Virginia http://www.deq.virginia.gov/ recycle/programs.html http://www.deq.virginia.gov/ export/sites/default/recycle/ GuidelinesRevised4-16-2010. pdf Sheila Barnett 804-698-4055; sheila.barnett@deq.virginia. gov	Grants	May 1—Grant application forms posted on- line June 30— Applications due Aug 1— Performance and financial reports due Electronic filing is encouraged, but not required	Annual performance and financial reporting requirements Forms must be completed, even if locality did not take a grant in preceding year Applicant must have an eligible litter prevention or recycling program	Grants are non- competitive, based on population and road miles. It may be necessary for airports to partner with other local government agencies to access this program

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
							Projects must be completed within one year	Requirements for eligible program available at second listed URL Cooperatives of multiple localities permitted
Virginia	DEQ Petroleum Storage Tank Fund	Petroleum releases	Reimbursement of costs of cleanup of petroleum releases and third party liability Eligible applicants— Owners and operators of tanks	Articles 9, 10, and 11 of the State Water Control Law (Sections 62.1-44.34:8 to 23) http://www.deq.state.va.us/waterguidance/pdf/002004.pdf http://www.deq.state.va.us/waterguidance/pdf/072001.pdf	Reimbursement Deductible (Financial responsibility)—\$5,000 to \$50,000 depending on volume of throughput Maximum payment— \$1 million	Continuous Applications must be submitted within 2 years of case closure letter	Corrective action plan must be approved before eligible expenses are incurred	Second URL provides the latest guidance
Virginia	Department of Historic Resources Certified Local Government Grants	Historic and cultural resources	Funding for historic preservation related to National Register sites, including (but not limited to) preparation of Register nominations and preservations of listed properties Eligible applicants— local communities designated as CLGs	http://www.dhr.virginia.gov/homepage_general/finance.htm http://www.dhr.virginia.gov/clg/clg.htm http://www.dhr.virginia.gov/clg/clg2.htm Pamela Schenian (757) 886-2818; pam.schenian@dhr.virginia.gov	Grants		CLGs must enact a preservation ordinance and establish a preservation review board or commission. Public participation in the local preservation stewardship program also required	Limited information on grants included in website Link to list of current CLGs available at second and third website
Virginia	Department of Historic Resources State Historic Preservation	Historic and cultural resources	Projects for rehabilitation of historic sites and operations, among other things	http://www.dhr.virginia.gov/state_grants/state_grants.htm http://www.dhr.virginia.gov/state_grants/state_grants_faq.htm	Grants Local match—50%		Grants limited to properties listed in, or eligible for the Virginia Register	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Grants		Eligible applicants— local governments, museums historical nonprofits	Ann Andrus (804) 367-2323, ext. 133; ann.andrus@dhr.virginia.gov			State procurement rules must be followed for grants above \$10,000 Organizations receiving \$50,000 or more in four years for work on a property must donate a perpetual preservation easement Construction work must comply with Department of Interior standards	
Virginia	Resources Authority Loan Programs	Various resource areas	Funding for a broad variety of projects, including (but not limited to) solid waste, brownfields, water, airports and land conservation	http://www.vra.state.va.us/ projectfinancing.shtml http://www.vra.state.va.us/ pooledfinancing.shtml http://www.vra.state.va.us/ revolvingloan.shtml	Low interest loans and credit enhancements Interest rates and fees vary with specific loan type	Timelines vary with specific loan type	Loans may be subject to application fees, administrative fees and closing fees Applicants are subject to financial review	Application forms for one loan category, Pooled Fund Loans, available at second listed URL
Washington	Department of Agriculture Weed Control Grants	Noxious weeds, habitat	Funds for county weed control boards	http://agr.wa.gov/Search/?cx=0 17957518327891617706%3Ag qojg0fybn0&cof=FORID%3A1 1&ie=UTF- 8&q=%22weed+control+grants %22#593	Grants			Limited information available on website. May require cooperation with county weed control board to access funding
Washington	Department of Archeology and Historic Preservation (DAHP)	Historic and cultural resources	Funds to support historic preservation, including (but not limited to) surveys, and comprehensive preservation planning	http://www.dahp.wa.gov/pages/ LocalGovernment/Grants.htm DAHP 360-586-3065	Grants Local match—40% (waived for 2010– 2011 fiscal year)	April 22— Applications due May— Notification of grant awards	Projects must be completed by August 31 and all payment requests received by September 30	Grants for construction not currently available

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Historic Preservation Fund		Eligible applicants— Local governments designated as CLGs				Federal procurement standards apply	Current year priorities are survey/ inventory and planning Weighted evaluation system included in grants manual, with link at listed URL
Washington	Soil Conservation Commission, Listing of Potential Grants	Various resource areas	Provides information on a variety of state, federal and nonprofit environmental grant opportunities. Some (but not all) listed opportunities are included in this table and Table 3	http://www.scc.wa.gov/index.php/Grant-News/Listing-of-Potential-Grants.html				Separate pages for foundation, state, and federal grants
Washington	Washington State Department of Ecology (ECY) State Clean Diesel Program	Emissions	Projects for emissions control technology for heavy duty diesel vehicles and equipment Idle reduction technologies recently made eligible for public fleets Eligible applicants— Cities, counties, municipal associations, and ports, among others	http://www.ecy.wa.gov/programs/air/cars/DieselGrantPage.htm http://www.ecy.wa.gov/programs/air/cars/Diesel_FAQ.htm Mike Boyer 360-407-6863; mboy461@ecy.wa.gov http://www.ecy.wa.gov/biblio/ecy070194.html Carroll Johnson 360-407-6568; carr461@ecy.wa.gov	Grants	Continuous application process	Program uses CARB classifications Vehicles must remain in the applicant's fleet for at least 2 years Rebuild or repower projects must produce particulate reductions of at least 25%	Links to application forms, equipment lists and qualified contractors at first listed URL
Washington	ECY Coordinated Prevention Grants	Solid waste, hazardous waste	Planning and implementation of solid/hazardous waste prevention and reduction projects, including (but not	Chapter 70.95 RCW Chapter 70.105D RCW Chapter 82.21.030 RCW Chapter 173-312 WAC	Grants	Two cycle funding First cycle employs a formula to allocate funds	Payments on reimbursement basis Grants subject to the	Program requires airport operators to coordinate with eligible

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			<p>limited to) construction of facilities to manage or recover recyclables or reuse materials</p> <p>Eligible applicants— Local planning authorities. A city that is signatory to a Solid Waste Management Plan may also apply in coordination with a local planning authority.</p>	<p>http://www.ecy.wa.gov/programs/swfa/grants/cpg.html#Coordinated_Prevention_Grant_Program_Guidelines</p> <p>http://www.ecy.wa.gov/pubs/0907030.pdf</p> <p>Shelly McMurry 360-407-6223; shelly.mcmurry@ecy.wa.gov</p>		<p>Second cycle awards unused funds from first cycle on competitive basis</p> <p>Each cycle lasts 1 year, commencing on January 1</p>	<p><i>Administrative Requirements for Recipients of Ecology Grants and Loans</i> available at: http://www.ecy.wa.gov/biblio/9118.html</p> <p>Reporting and record-keeping requirements</p>	<p>planning authority</p> <p>Links to required forms available at first listed URL</p>
Washington	ECY Water Quality Program	Water quality	<p>Funding from three programs to support water quality improvement, including (but not limited to) stream restoration and protection and storm water management and control</p> <p>Sources are</p> <p>Federal Clean Water Act Section 319 Nonpoint-Source Grant Program</p> <p>Centennial Clean Water Grant Program</p> <p>Washington State Water Pollution Control Revolving Fund Loan Program</p>	<p>Centennial Clean Water Grant Program—RCW 70.146, 36.70A; Chapter 173-95A WAC</p> <p>Revolving Fund Loan Program— RCW 90.50A; Chapter 173-98 WAC</p> <p>Federal Clean Water Act— Section 319 Clean Water Act, Pub. L 92-500</p> <p>http://www.ecy.wa.gov/pubs/0810013.pdf</p> <p>Centennial Clean Water Program contact—Jeff Nejedly 360-407-6566; jne461@ecy.wa.gov</p> <p>Revolving Fund Loan Program contact—Cindy Price 360-407-7132 cpri461@ecy.wa.gov</p> <p>Federal Clean Water Act Program contact—Alice Rubin 360-407-6429 arub461@ecy.wa.gov</p>	<p>Grants and low interest loans</p> <p>Local match— 25% for grants 0% for loans</p> <p>100% grants and no interest loans may be available to the most severe financially stressed communities</p>	<p>September 1— Application period opens</p> <p>November 5— Final due date for applications</p>	<p>Grants and loans subject to the <i>Administrative Requirements for Recipients of Ecology Grants and Loans</i> available at: http://www.ecy.wa.gov/biblio/9118.html</p>	<p>Information on separate programs not readily available</p>

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Washington	ECY Remedial Action Grants	Brown- fields, hazardous waste	Projects for cleanup of contaminated publicly owned sites Eligible applicants— Local governments	Chapter 173-322 WAC http://www.ecy.wa.gov/programs/tcp/brownfields/brownfields_hp.html http://www.ecy.wa.gov/programs/swfa/grants/rag.html http://www.ecy.wa.gov/pubs/1007012.pdf Contact information varies with specific assistance category and with region of state	Grants and loans			Eligibility requirements, administrative requirements and funding limits vary by category. Comprehensive information on each category is available at third listed URL
Washington	Department of Commerce Brownfields Revolving Loan Fund	Brown- fields, hazardous waste	Funds to support brownfield cleanup Eligible applicants— local governments, private property owners, and potential developers of brownfield sites	http://www.choosewashington.com/business/financing/redevelopment/Pages/default.aspx Blake Nelson (360) 725-4050; blake.nelson@commerce.wa.gov	Low interest loans		Cleanup must be approved through the Voluntary Cleanup Program (VCP) Applicants must not have caused or contributed to contamination Projects will create or retain jobs and improve environmental conditions	Creditworthi- ness is considered
Washington	Department of Fish and Wildlife (DFW) Cooperative Endangered Species Fund “Section 6”	Endangered species, habitat	Land acquisition projects to support endangered species recovery or preserve endangered species habitat	http://www.dnr.wa.gov/BusinessPermits/Topics/ConservationTransactions/Pages/amp_con_trans_section_6.aspx http://wdfw.wa.gov/grants/section6/current_activities.html Elizabeth Rodrick (360) 902- 2696; elizabeth.rodrick@dfw.wa.gov	Grants Local match—25%	May 17—Notice of Intent Form due July— Preliminary application due August—Final application due	Lands must be preserved and managed in perpetuity for the endangered species identified in application Joint federal, state program—Federal land acquisition standards apply, including (but not limited to) appraisal standards and purchase at FMV	Links to forms available at second listed URL Habitat preservation projects may raise issues of compliance with FAA standards for airspace protection and wildlife hazard prevention

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Washington	Department of Transportation (DOT) Aviation Local Airport Aid Grant Program	Airport planning and develop- ment	Projects for airport development Eligible applicants— local government or tribal organizations owning airports open to the public	http://www.wsdot.wa.gov/aviation/Grants/default.htm http://www.wsdot.wa.gov/News/2010/03/29_AirportGrantsAvailable.htm Eric Johnson 360-651-6303; johnsel@wsdot.wa.gov	Grants Local match—5% Maximum grant \$250,000	March 29— Announcement of grant availability May 24— Announcement of grant awards On-line application form can be filled out electronically but must be printed and signed for submission	Project must be included in the CIP or ALP Applicant must provide information to be used by Washington DOT to develop website about the project Projects must be completed by July following year of award Airports must be protected by airport zoning ordinances or sponsor must be actively pursuing zoning	Application link available at: http://www.wsdot.wa.gov/NR/rdonlyres/A49C2D81-17C3-4B43-8AEA-8CCB1F96EC42/0/900030A_BAirportAidApplicationForms.pdf Next round of grants scheduled for July 2011
West Virginia	Department of Transportation, Aeronautics Commission Airport Improvement Grant Program	Airport planning and develop- ment	Funds airport planning and development to assist with local match for federal AIP grants Eligible applicants— airport sponsors eligible for federal AIP grants	http://www.transportation.wv.gov/aeronautics/Pages/default.aspx Susan Chernenko susan.v.chernenko@wv.gov	Grants Local match—1/2 of federal AIP matching requirement			
West Virginia	Division of Culture and History (DCH) Historic Preservation Development Grants	Historic and cultural resources	Restoration, rehabilitation and archeological research of properties listed on the National Register	Ch. 29, Article 1, Sections 1, 5 Code of West Virginia; Title 82, Series 2, Section 4, DCH Legislative Rules http://www.wvculture.org/news.aspx?Agency=Division&Id=1502	Grants Local match— 50%	October 14— Grant Announcement December 1— Applications due	Governmental buildings must be open to the public Applicant must own property, commitment with owner to sell	Link to application form with funding priorities at second listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				http://www.wvculture.org/shpo/grantapp/devgrant.pdf Pamela Brooks (304) 558-0240, ext. 720; pam.a.brooks@wv.gov		Electronic application form	property or lease property with permission of owner for work Work must meet Department of Interior standards West Virginia prevailing wage and competitive bidding requirements apply Certain federal requirements associated with federal financial assistance apply	A portion of funds for program is federally derived
West Virginia	Department of Environmental Protection (DEP) Recycling Assistance Grant Program	Solid waste	Grants to support planning and implementation of recycling programs Eligible applicants— Cities, counties, public, and private entities	West Virginia Code §22-15A-19(h)(1) Legislative Rule 33 CSR 210 http://www.dep.wv.gov/dlr/reap/grantprograms/Pages/default.aspx http://www.dep.wv.gov/dlr/reap/grantprograms/Documents/Recycling%20Grant%202011%20Booklet.pdf Sandy Rogers 304-926-0499 ext 1004; Sandra.D.Rogers@wv.gov	Grants Maximum grant— \$150,000 for a public entity, \$75,000 for a private entity	July (first business day)— Applications due Electronic application form must be printed, signed and submitted in hard copy	Grant period— January 1 to following February 28 (29) Applicants involved in any recycling activity must register with DEP Applicants with current grants may not apply for the next successive round of grants absent waiver Reporting requirements	Grant application forms and additional information, including (but not limited to) program regulation available at second listed URL
West Virginia	DEP Non-point Source Program	Water quality	Funds for reduction, mitigation of nonpoint source pollution	Section 319 Clean Water Act, Pub. L 92-500 http://www.dep.wv.gov/WWE/Programs/nonptsource/Pages/Nonpoint.aspx	Grants Local match— 40%	June 1—First draft proposals due June 20—DEP comments on first draft	Projects must implement approved Watershed Based Plans	Information on program priorities and evaluation criteria available at

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
				http://www.dep.wv.gov/WWE/Programs/nonptsource/Documents/AGO_Guidance.pdf http://www.dep.wv.gov/WWE/Programs/nonptsource/Documents/NPS_GrantGuidance.pdf Timothy Craddock (304) 926-0499, EXT. 1040; timothy.d.craddock@wv.gov		July 20 Final draft proposals due August 1 State NPS application due to EPA July 1— Anticipated start date for previous year's grants	Reporting requirements to allow state to meet EPA reporting requirements Meeting with DEP before submitting proposals is recommended	third listed URL
West Virginia	Brownfields Revolving Fund	Brownfields, hazardous waste	Brownfield site assessment projects	http://www.dep.wv.gov/dlr/oer/voluntarymain/Documents/VRRRA%20GuidanceVersion2-1.pdf	Low interest loans			Guidance on the Brownfield Voluntary Remediation and Redevelopment Act program refers to Revolving Loan fund, but no further information could be readily obtained
Wisconsin	Department of Natural Resources (DNR) Retrofit Projects	Vehicle emissions	Vehicle retrofit projects	http://energyindependence.wi.gov/subcategory.asp?linksubcatid=2920&linkcatid=3106&linkid=1536&locid=160 Jessica Lawent, (414) 263-8653; jessica.lawent@wisconsin.gov	Grants	First-come, first-served application process	Retrofit technology must be EPA or CARB verified Vehicles must stay in fleet for at least 5 years Idling reduction technologies ineligible	Funding derived from federal programs; therefore, federal requirements may apply
Wisconsin	DNR Recycling Grants to Responsible	Recycling, solid waste	Funding to support recycling Certain capital and	s. 287.23, Wis. Stats.; ch. NR 542, Wis. Admin. Code http://www.dnr.state.wi.us/org/	Grants	October 1— Applications due.	Registration required before applicant can	Links to reporting forms listing of eligible and

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Units (Basic Recycling Grants)		operating costs are eligible Eligible applicants—units of government responsible for implementing recycling programs	caer/cfa/grants/Recycle/recycle.html Kari Beetham (608) 264-9207; Kari.Beetham@wisconsin.gov		Applications filed between October 2 and November 1 will be considered at a reduced funding rate, with rate based on date of filing	access on-line application form	ineligible costs and other information available at listed URL Program may present opportunities for airports to partner with other entities or for airport to take advantage of sponsoring government recycling programs
Wisconsin	DNR Recycling Efficiency Grants	Recycling, solid waste	Funding to promote recycling efficiency Program supports consolidation of multiple responsible units and cooperative agreements between responsible units that achieve efficiencies in collection or sorting or comprehensive program planning	s. 287.235, Wis. Stats. and ch. NR 549, Wis. Admin. Code http://www.dnr.state.wi.us/org/caer/cfa/grants/Recycle/efficiency.html Kari Beetham (608) 264-9207; Kari.Beetham@wisconsin.gov	Grants		Applicants program must be designated effective by DNR	Links to reporting forms, other required documentation and listing of eligible and ineligible costs available at listed URL
Wisconsin	DNR Waste Reduction & Recycling Demonstration Grants	Recycling, solid waste	Funding to support innovative waste reduction, reuse or recycling projects on a pilot or demonstration basis Eligible applicants—Counties, municipalities, public agencies, nonprofits, tribal organizations	s. 287.25, Wis. Stats.; ch. NR 548, Wis. Admin. Code http://www.dnr.state.wi.us/org/caer/cfa/EF/RECYCLE/ http://www.dnr.state.wi.us/org/caer/cfa/EF/RECYCLE/ExB.pdf Kari Beetham (608) 264-9207; Kari.Beetham@wisconsin.gov	Grants Local match— 75% for community-wide waste reduction demonstration 50% for other projects Applicant must provide at least	August 1—Applications due November 30—Award of grants	Up to 75% of grant may be paid as an advance Reporting and record-keeping requirements	Program not currently funded. Program availability subject to appropriation in next biennial budget

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
					25% of project costs with its funds; remaining local match can come from other sources Maximum grant—\$150,000			Financial reporting and record-keeping requirements available at second listed URL Link to information on past projects available at first listed URL
Wisconsin	DNR Conservation Aids	Habitat, conservation	Funding to counties and tribal organization to support conservation efforts, including: <ul style="list-style-type: none"> • Diking and ditching • Fence construction • Firebreak construction • Flowage construction • Habitat construction and improvement Eligible applicants—counties and tribal organization	s. 23.09 (12), Wis. Stats.; ch. NR 50, Wis. Admin. Code http://www.dnr.state.wi.us/org/caer/cfa/grants/coconserv.html#elig	Grants Local match—50% Funds initially allocated to counties and tribal organizations with unused funds returning to DNR for award on discretionary basis Allocations range from \$638 to \$4,313, with most counties receiving from \$1,000 to \$2,500	May 1—unused allocations available for distribution on a discretionary basis	Payments on reimbursement basis	
Wisconsin	DNR Financial Assistance for Remediation of Polychlorinated Biphenyls (PCB)	Hazardous waste	Grants to responsible parties to finance incremental costs of transporting PCB contaminated sediments to out-of-state hazardous waste disposal facilities vs. in-state disposal	s. 292.68, Wis. Stats.; <i>DRAFT</i> ch. NR 560, Wis. Adm. Code http://www.dnr.state.wi.us/org/caer/cfa/grants/pcbsediment.html#eligapp	Grants Local match—5 percent In kind costs not accepted	Applications currently being accepted subject to issuance of final regulations and appropriation of funds	Applicants must have entered into consent decree with DNR or EPA that requires a remediation project involving PCB contamination of at least 50 parts	Payments cannot be made until funds are appropriated and final rules for program are adopted

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	contaminated sediment		Eligible applicants— cities, towns, villages, other public entities, and private entities Eligible applicants must be designated as responsible parties				per million (PPM) Sediments must be dredged bed or bank of Wisconsin navigable waters Disposal of sediments must occur on or after May 1, 2007, and within 2 years of application.	
Wisconsin	DNR Municipal Flood Control Grants	Water quality	Projects to support municipal flood control efforts, including: <ul style="list-style-type: none"> • Land acquisition • Structure removal • Construction Eligible applicants— Cities, villages, towns, municipal sewage districts, and tribal organizations	s. 281.665, Wis. Stats.; Ch NR 199, Wis. Adm. Code http://www.dnr.state.wi.us/org/ caer/cfa/EF/flood/grants.html http://www.dnr.state.wi.us/org/ caer/cfa/EF/flood/municflood guide.pdf Jeff Soellner (608) 267-7152; jeffrey.soellner@wisconsin. gov	Grants Local match— 30% Not more than 20% of available funds may be granted to a single applicant	Schedules for filing applications established when funds become available March 15, 2012—Deadline for next round of applications (if funds are appropriated)	Payments on reimbursement basis Projects must be completed within 2 years Specific requirements for property acquisition described in document at second listed URL	Application guide available at second listed URL Listing of previous grants available at first listed URL
Wisconsin	DNR Non- Point Source (NPS) and Storm Water Grants	Water quality	Projects to improve urban water quality by limiting or ending urban NPS pollution Planning and construction projects are eligible	s. 281.66, Wis. Stats.; ch. NR 155, Wis. Adm. Code http://www.dnr.state.wi.us/org/ caer/cfa/EF/NPS/urbanpns. html Tim Parsons (608) 267-9385; Timothy.Parsons@Wisconsin. gov Kathleen Thompson (608) 267- 7568; Kathleen.Thompson@Wiscons in.gov	Grants Local match— 30% for planning grants 50% for construction grants Maximum grant— \$85,000 for planning grants \$200,000 for construction grants	April 15— deadline for applications January of following year—funds available	Construction projects must implement BMPs Specific requirements for land acquisition	Links to application forms, requirements for land acquisition, and other information at listed URL

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
					(up to \$150,000 for construction plus up to \$50,000 for land acquisition)			
Wisconsin	Office of Energy Independence Focus on Energy Grants and Rewards	Energy, emission reduction	Funds for renewable energy projects including solar, wind, biomass and solar hot water systems	http://energyindependence.wi.gov/docview.asp?docid=14070&locid=160 http://www.focusonenergy.com/Incentives/Renewable/ Focus on Energy 800.762.7077; www.focusonenergy.com	Grants and “rewards” Local match— 25% to 35%, depending on project type Maximum grant amounts vary with project type		Applicants must be served by a participating Wisconsin utility Site assessment is recommended Implementation of energy efficiency measures is recommended	Link to list of participating utilities available at second listed URL
Wisconsin	Department of Commerce Petroleum Environmental Cleanup Fund Award (PECFA)	Petroleum releases, hazardous materials	Reimbursement for remedial cleanup costs Third party liability costs are also reimbursable Eligible applicants— owners of eligible petroleum product systems	http://commerce.wi.gov/ER/ER-PECFA-Home.html http://commerce.wi.gov/ER/pdf/pecfa/ER-PECFA-ERS10083%28Info%29_REV_7-07.pdf	Reimbursement, subject to deductibles and maximum payouts For all incidents where investigation started on or after 12/21/2001, the following apply (as applicable to airports): Deductible— \$10,000 Maximum payment— \$190,000	Continuous	System must be registered Discharge must be reported immediately Standard rates for contractor services apply for projects under \$20,000 Public bidding procedures apply for contracts above \$20,000 Consultants are required to provide annual reports Registered contractors and consultants must be used	Links to lists of registered contactors/ consultants and other documentation and forms available at first listed URL
Wisconsin	Department of	Brownfields, hazardous waste	Funding for assessing and cleanup of	http://commerce.wi.gov/CD/C D-bfi-grants.html	Grants	Continual application process	Any full-time positions created	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Commerce Blight Elimination and Brownfield Redevelop- ment Program (BEBR)		contaminated brownfield sites Funds may be used for redevelopment or remediation of soil and ground water contamination, including (but not limited to) site acquisition, asbestos and lead paint abatement and site clearance. Eligible applicants— Cities, counties, villages, towns, businesses and individuals, provided that the responsible party is unknown, cannot be located or is financially unable to pay	http://commerce.wi.gov/CD/docs/CD-bfi-bebr_fact_sheet.pdf Al Rabin (608)267-8926; alan.rabin@wisconsin.gov	Local match— 20% to 50%, based on size of award Maximum grant— \$1.25 million		for project must be maintained for at least 2 years Regular project and financial reports required	
Wisconsin	DNR Brownfield Site Assessment Grants	Brownfields, hazardous waste	Projects for assessment and remediation of potential brownfield sites including (but not limited to): • Phases I and II environmental site assessments • Site investigations • Demolition and associated asbestos removal • Removal of underground storage tanks	s. 292.75 Wis. Stats.; ch. NR 168 Wis. Adm. Code http://dnr.wi.gov/org/aw/rr/financial/sag/index.htm#basics http://dnr.wi.gov/org/aw/rr/financial/sag/app.htm Shelly Fox 608.266.5798; shelley.fox@wisconsin.gov	Grants	August 23— Grants available November 8— Applications due December 8— Municipal resolutions due	Municipal resolutions supporting grants required	Links to information on prior grants available at: http://dnr.wi.gov/org/aw/rr/financial/sag/rounds.htm
Wisconsin	DNR Ready for Reuse Program	Brownfields, hazardous waste	Funding to assist in cleanup of hazardous	http://dnr.wi.gov/org/aw/rr/rll/index.htm	Loans and grants	Continuous application process	Grant-funded projects must be	A separate loan program

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
			substances at brownfield sites Eligible applicants—municipalities for loans; local governments and nonprofits for grants	http://dnr.wi.gov/org/aw/rr/archives/pubs/RR753.pdf Jessica Coda 608-267-6743; jessica.coda@wisconsin.gov	Local match—22% for grants and loan Loan interest rate—0% Minimum recommended loan \$250,000 Maximum grant—\$200,000	Discussion with DNR staff (Ms. Coda) recommended before filing application	completed in two years Projects must be to clean up hazardous substances or petroleum mixed with hazardous substances Program not available for projects eligible for other state programs Applicant cannot have CERCLA liability	is available for petroleum cleanup. Information on the petroleum loans is also available at the second listed URL.
Wisconsin	Department of Transportation Economic Assistance Grants	Airport planning and development	Road, rail harbor, and airport projects that help attract or retain employers and businesses to Wisconsin Eligible applicants—local governmental units	http://www.dot.wisconsin.gov/localgov/aid/tea.htm Dennis Leong (608) 266-9910; dennis.leong@dot.wi.gov	Grants Local match—50% Maximum grant—calculated based on \$5,000 per job created	Continuous application process	Applicant must agree to repay grant if job creation projections are not realized	Grant history data available at listed URL Grant history data do not identify funding of airport projects, although they are eligible.
Wisconsin	Department of Transportation, Bureau of Aviation State Financial Aid	Airport planning and development	Airport planning and development projects Eligible applicants— all publicly owned airports and privately owned reliever airports	http://www.dot.wisconsin.gov/modes/air.htm#plans http://www.dot.wisconsin.gov/library/publications/topic/air/apt-devel.pdf	Grants Local match— ½ local match requirement for federal AIP projects 20% for state-funded airside project 50% for state-funded landside project		Formal petition resolution process required for projects, including a local public hearing Grant assurances similar to federal AIP	

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State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
Wyoming	Department of Environmental Quality (DEQ) Brownfield Assistance Program	Brown- fields, hazardous waste	Direct services to assist in cleanup of brownfield sites Primary form of assistance is environmental site assessment, but cleanup assistance is also available Eligible applicants— local governments and quasi-government agencies	http://deq.state.wy.us/ volremedi/brownfields.asp Wyoming DEQ, Solid and Hazardous Waste Division (307) 777-7752 (Cheyenne); (307) 332-6924 (Lander); volrem@state.wy.us	Direct services funded by DEQ Maximum assistance value— \$200,000 per site for assessments \$200,000 for cleanup	Continuous application process, but DEQ may establish a schedule to facilitate work- load management Hard-copy application (two copies)	\$500 application fee	Pre-application assistance available
Wyoming	DEQ Storage Tank Program	Petroleum releases, hazardous waste	Direct services to assist in cleanup of contamination from storage tank releases and spills Eligible applicants— tank owners that meet administrative requirements	http://deq.state.wy.us/shwd/stp/ index.asp http://deq.state.wy.us/shwd/ STP/remediation/Downloads/ Remediation_Overview.pdf Karen L. Halvorsen 307-777- 7244; khalvo@wyo.gov	Direct services funded by DEQ		Applicants must have registered tanks and pay applicable fees. Applicants may be required to complete a minimum site assessment	Application forms and lists of qualified contractors available at first listed URL
Wyoming	DEQ Community Recycling Grant Funds	Recycling, solid waste	Projects for recycling/composting/ waste reduction Eligible applicants— Wyoming public and nonprofit sectors	http://deq.state.wy.us/out/down loads/FinasChap11.pdf Wyoming DEQ, Solid & Hazardous Waste Division, Recycling Program (307) 332-6924	Grants Local match— 25% Minimum grant— \$200 Maximum grant— \$4,000	Summer— Announcement of Grant Availability Fall— Applications due		Information from summary table of DEQ funding opportunities
Wyoming	DEQ Non- point source Pollution Control	Water quality	Projects to address identified NPS problems through technical assistance, implementation of BMPs or education	http://deq.state.wy.us/out/ downloads/FinasChap11.pdf http://deq.state.wy.us/wqd/ watershed/nps/NPS.htm Wyoming DEQ, Water Quality Division (307) 777-5622	Grants Local match— 40% Minimum grant— \$1,000			Information from summary table of DEQ funding opportunities

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			Eligible applicants— Cities, counties and conservation districts		Maximum grant— \$40,000			
Wyoming	DEQ 319 Funds	Water quality	Funding for NPS projects and evaluation	http://deq.state.wy.us/out/ downloads/FinasChap11.pdf http://deq.state.wy.us/wqd/ watershed/nps/NPS.htm Jennifer Zygmunt 307-777- 6080; jzygmu@wyo.gov Jeff Clark: 307-777-6891; jclark2@wyo.gov	Grants Local match— 40%	June 15—RFP issued August 2— deadline for pre- proposal submissions September 15— Deadline for final proposals	Reporting and record-keeping requirement	Link to format for final project report available at second listed URL
Wyoming	State Historic Preservation Office (SHPO) Historic Architecture Assistance Fund	Historic and cultural resources	Direct technical assistance from architects and engineers to address rehabilitation issues of historic structures	http://wyoshpo.state.wy.us/pdf/ HAAFApplication.pdf Valerie Gaumont (307) 777- 2934; Valerie.Gaumont@wybusiness. org Betsy Bradley (307) 777-8594; bbradl@state.wy.us	Direct technical assistance	Continuous application process, but quarterly review of applications as follows: January 15 April 15 July 15 October 15 Paper or digital submissions accepted	Project must serve the public good Focus on properties listed or eligible for listing in National Register Application must include 2–5 photographs showing condition of property and the issue to be addressed through project	
Wyoming	SHPO Certified Local Government (CLG) Grants	Historic and cultural resources	Funding to support historic preservation Eligible applicants— Local governments designated as CLGs	http://wyoshpo.state.wy.us/pdf/ CLGTOC.pdf http://wyoshpo.state.wy.us/CL G/Handbook.aspx Audrey York 307-777-6357; ayork@state.wy.us Nancy Weidel 307-777-3418	Grants Local match— 40%	November 1— Applications due	Projects must comply with Department of Interior standards	Listed URLs provide links to full information and forms on designation as CLG and grant application process
Wyoming	Aviation Commission State Airport	Airport planning and	Airport development and planning projects,	http://www.dot.state.wy.us/ wydot/aeronautics/planning_ airport_projects/grant_info	Grants			Wyoming Aeronautics Commission

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(This is page 163 of Table 2)

State	Department/ Program	Resource Area	Project/Applicant Eligibility	Statutory Authority, Guidance & Contact Information	Form of Assistance, Local Matching Requirements, Funding Limits	Timeline and Application Process	Administrative and Post-grant Requirements	Notes
	Grants-In-Aid	develop- ment	including environmental studies Eligible applicants— Counties, cities, and towns	Merri Burkett (307) 777-3959				also administers a loan program, but eligibility is limited to projects that generate user fees. Information is available at: http://www.dot.state.wy.us/wydot/aeronautics/planning_airport_projects/loans .

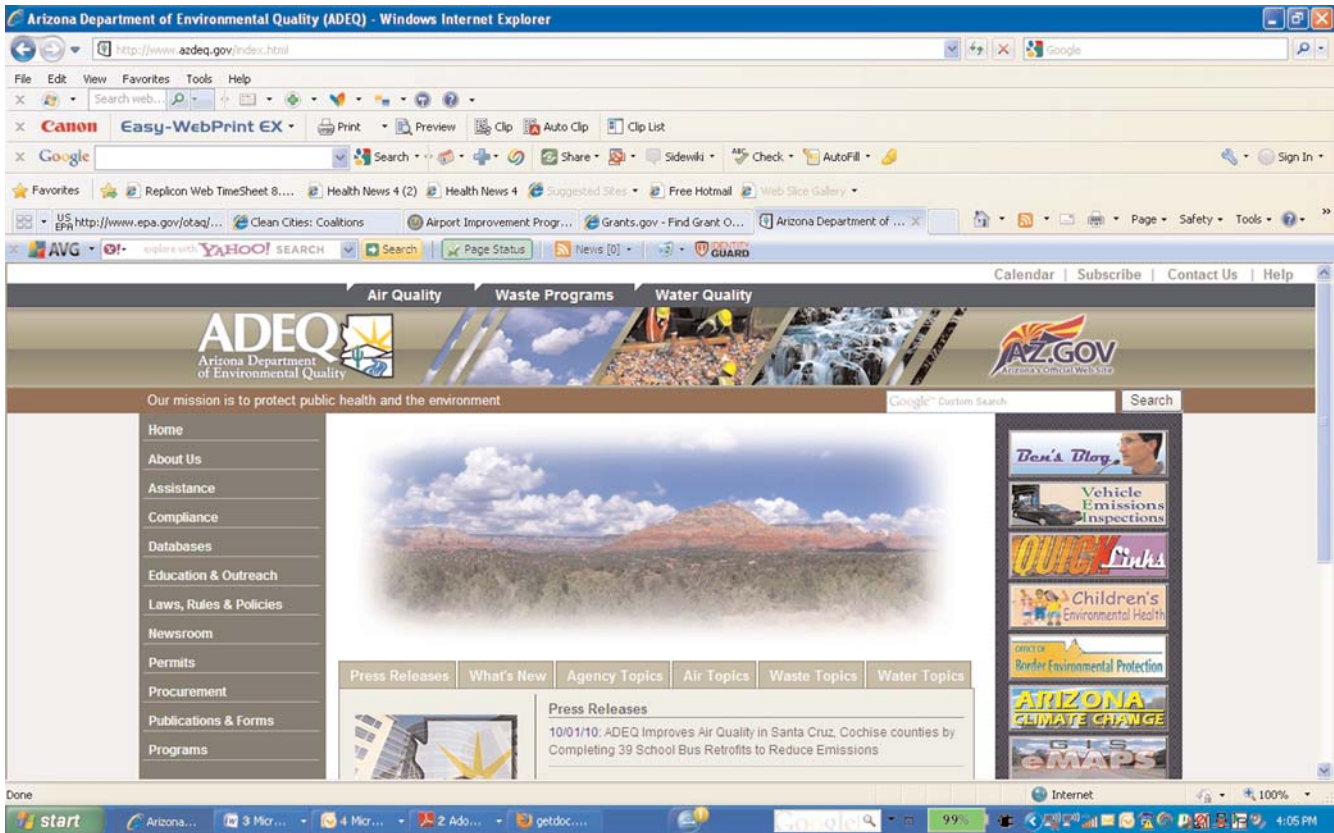


FIGURE 2 Arizona Department of Environmental Quality home page.

airport. Partnering with other airports or local government entities may enable an airport to access these programs.

- Partnering with private-sector entities—Some programs; for example, historic preservation and brownfields, offer tax benefits as a form of financial incentives. For airports with eligible facilities owned or leased by private businesses, the tax benefits may help defray project costs if the business joins with the airport. The same may be true in the case of private businesses that conduct commercial operations at the airport; for example, taxi operators and other ground transportation providers.
- Performance and documentation—For many programs, the application needs to include an estimate of the benefits of the project prepared by a licensed professional. Once the project is implemented, the benefits of the project must be tracked and reported. A commitment to operate and maintain the project for a fixed period of time is also common.

AVAILABLE PROGRAMS

The discussion of available programs is organized by resource area.

- Air quality—Air quality programs fall into two broad categories, energy and emission reduction programs and

vehicular emission reduction programs. These programs are discussed separately here. This study identified some programs that did not specify the precise nature of eligible air quality grants. One of these, the Nebraska Environmental Trust, describes eligible projects as generally promoting and implementing clean air strategies. Another, the Alaska Department of Environmental Conservation Air Quality Improvement Grants program, appears to be a new program, with eligibility criteria still under development through rulemaking.

- Airport planning and development—Many states have established financial assistance programs for airports. Some programs are open to any airport that qualifies for AIP funding, some include airports that do not meet AIP eligibility criteria, and some focus on small airports within the state. These assistance programs do not focus on environmental projects per se, but eligibility often tracks AIP eligibility. Some states limit funding to financing AIP local match requirements; others provide independent grants. Table 2 provides more information on each program.
- Brownfields—Most states have programs to assist in brownfield restoration and redevelopment. As reflected in Table 2, assistance to governmental entities is generally in the form of grants or low-interest loans. Non-profit entities may also be eligible. Some states offer tax benefits. In general, assistance is limited to the costs of

performing environmental site assessments and removing or otherwise remediating contamination. Redevelopment costs are not eligible; however, for many programs a redevelopment plan must be submitted with an application. Parties responsible for contamination generally are not eligible to participate.

- Emissions (energy, fixed source)—Most states offer financial assistance for projects that reduce consumption of fossil fuel and associated emissions from fixed sources, as noted in Table 2. Eligible projects can include measures to increase efficiency from traditional energy sources and installation of renewable energy sources. Renewable energy can include solar, wind, and geothermal; hydro and biomass projects are sometimes eligible. Incentives are available for projects that address electrical power in buildings and energy for water heating. Funding categories include cost share grants and low-interest loans. Kansas offers a unique low-interest loan program to finance capital improvements under Guaranteed Energy Savings Contracts (GESCs). GESCs are described in more detail in chapter five. By providing low-interest loans, Kansas' program reduces the value of energy savings needed to make GESCs financially viable.
- Emissions (vehicular)—Many states offer financial assistance for the acquisition of low-emission vehicles or AFVs or for the retrofitting of existing vehicles. Grants or loans may be offered. Some programs focus on reducing diesel emissions through clean diesel technology, others focus on converting fleets to AFVs. Alternative fuels include ethanol-85, propane, CNG, electric, and electric-hybrid energy sources. Biodiesel blends may also qualify as alternative fuels under some programs. Projects can include replacement or retrofitting of vehicles. Financial assistance programs may cover the cost of a retrofit, but may be limited to the incremental costs of AFV technology in a replacement vehicle. Fueling or charging stations may also be eligible.

Other approaches to reducing vehicular emissions may include financial support for ride-sharing programs or construction of facilities to encourage the use of bicycles and mass transit. Table 2 does not specifically address these programs. An airport's local or regional planning agency or MPO typically would have information about these kinds of programs.

- Historic, cultural resources—States generally offer financial assistance for historic preservation. Grants are available to government entities and some nonprofit organizations. Some states provide funding through low-interest or no interest loans. Financial assistance to for-profit entities, when available, is generally in the form of tax relief. Some programs are limited to communities participating in the Certified Local Government program.

To qualify for funding in most programs, recipients agree to maintain the facility and to provide public access. Reconstruction and rehabilitation projects are to be com-

pleted in accordance with U.S. Department of Interior standards.

- Petroleum releases and storage tanks—Most states offer financial support for the cleanup of releases from petroleum storage tanks. Some states denominate their program as a grant program, but the programs function in a manner similar to insurance. The tank owner is responsible for a deductible and the funding program pays the balance. In some states, the program is denominated as an insurance program. In several states liability for third-party damages may also be eligible for reimbursement. Generally, tanks must be registered and in compliance with federal standards. Individuals responsible for the release are not eligible for funding.
- A few states continue programs for removal or replacement of petroleum storage tanks. Some states limit the program to abandoned or orphan tanks. Instead of providing grants, Arizona performs the work. Delaware provides low-interest loans for tank removal.
- Pollution prevention—A few states offer financial assistance to support pollution prevention initiatives. Specific initiatives are not necessarily identified. Michigan's program appears to include initiatives to reduce solid waste, but the programs are not necessarily the same as recycling programs (see Table 2).
- Recycling—Many states offer financial assistance in support of recycling initiatives. Projects can range from helping establish comprehensive recycling infrastructure (composting facilities, transfer and sorting facilities) to support for glass recycling. In many states there is no local matching requirement, but a voluntary local match increases the competitiveness of the application.
- Water quality—Grants and loans are available to address water quality initiatives. In many states the main source of grant funding comes from the federal Clean Water Act Section 319 program. Grants are provided by the EPA to states for redistribution to local jurisdictions. To compete for funding, projects must support comprehensive plans developed by the states and be approved by the EPA. Many states use state resources to finance revolving loan funds for water quality projects.
- Wildlife and habitat—A few states provide resources to support wildlife and habitat conservation. Assistance is generally in the form of grants. Implementation of a wildlife initiative may present a risk of conflict with FAA standards for wildlife hazards around airports. Coordination with FAA staff can reduce this risk.

MATRIX OF STATE FUNDING OPPORTUNITIES

Table 2 provides information on the funding opportunities identified by state. The matrix includes information on eligible applicants and projects, forms of assistance, any matching fund requirements, funding limits, application timelines and procedures, and administrative requirements. Any action or practice

listed as recommended in the matrix is a recommendation of the program, not the ACRP. All information was not readily available for every program. If information could not be readily obtained from websites matrix cells were left blank or partially filled to reflect that the information was not available.

As noted previously, some of the programs included in the matrix are not currently funded. The information is included

to provide a comprehensive reference source. Also, timelines included in the matrix should be considered as illustrative. The matrix is intended to provide an overview of the programs. With the passage of time, information in the matrix—especially schedule information—may become out of date. The best source for current information on program status and current schedules would be the program websites or the program contacts included in the matrix.

REGIONAL, LOCAL, AND NONGOVERNMENTAL FUNDING OPPORTUNITIES

INTRODUCTION

The study process did not identify any local or regional government funding opportunities specifically for airport environmental initiatives. Regional nonprofit, public policy entities and regional planning agencies have participated in vehicle emission reduction and AFV programs. Some airports have received assistance from private for-profit firms to support AFV programs as well.

In addition, local and regional utility companies offer a variety of financial assistance and incentive programs to encourage reduction of fossil fuel-based energy consumption. Assistance for energy efficiency measures and the development of renewable energy alternatives is offered. During the process, a small number of individual charitable foundations were identified as potentially providing funding for environmental initiatives. However, the scope of their funding activities (in terms of funds provided and types of projects funded) could not always be precisely determined.

Local or regional planning agencies may also be a source of funding (directly or as a pass-through from other agencies). The scope of this synthesis did not permit an investigation of potential funding opportunities from these sources. However, it is believed that information from these organizations would be readily available to airports within the individual planning agencies' jurisdiction.

This chapter summarizes the findings outlined previously. A brief discussion of general considerations is provided followed by a discussion of the individual funding sources. A matrix of funding opportunities is then presented in Table 3. Information from this table was derived from web searches (primarily from state government sites) and from interviews to support the case examples in chapter six.

GENERAL CONSIDERATIONS

- Nongovernmental funding for emission and energy reduction initiatives—For both fixed energy source emissions and vehicle emissions, nongovernmental entities are a significant source of funding.

As noted previously, many utility companies provide incentives for reduction in fossil fuel consumption. Incentives are provided for equipment that increases effi-

ciency of traditional electrical and heating, ventilation, and air conditioning (HVAC) systems or equipment to supply energy needs through renewable energy. The latter can include geothermal HVAC or water heating, solar power for electrical power, HVAC or water heating, and wind power. However, the FAA has established standards for approach protection that could be impacted by solar or wind projects. Coordination with the FAA will ensure that these projects do not conflict with FAA standards. Incentives can include rebates on the cost of equipment or utility rate reduction. For renewable energy initiatives, some utilities will execute contracts to purchase any energy generated in excess of the airport's needs.

- Guaranteed Energy Savings Contract—Another device to assist in funding energy efficiency initiatives is the GESC, which is the result of a collaborative process between a facility owner, such as an airport, and an ESCO. The following steps are included in the process.
 1. The ESCO conducts a comprehensive energy analysis or audit of the facilities and develops recommendations to improve energy efficiency or otherwise reduce energy consumption.
 2. The ESCO develops a GESC offer in which it (1) estimates the energy costs savings that will be achieved if the recommendations are followed, (2) guarantees that the savings will be obtained if the ESCO is retained to implement the recommendations, and (3) agrees to be compensated for its work in implementing the recommendations through the energy savings achieved by the facility owner.
 3. The ESCO and facility owner execute the GESC.

The financial benefit to an airport in a GESC is what would have been a capital cost of investing in the equipment to implement the recommendations can now be recovered as an O&M expense, preserving the airport's debt capacity. Another significant benefit is that through the guarantee the ESCO assumes the risk if the projected energy savings are not realized.

Despite the benefits, some airports have elected to adopt the basic funding premise of the GESC—financing the capital improvements for energy savings through the reduction in energy consumption—without the use of a GESC. The airports may conduct the energy audit in-house or retain the ESCO to

TABLE 3
REGIONAL, LOCAL, OR NONGOVERNMENTAL ENVIRONMENTAL FUNDING OPPORTUNITIES

Entity	Program	Project Description/Project and Applicant Eligibility	Guidance and Contact Information	Funding Description, Matching Requirements, Funding Limits	Timeline Application Process	Administrative and Post-Grant Requirements	Notes
Getty Conservation Institute	Conservation grants	Projects for development of conservation plans Implementation projects for preserving a buildings historic structure and fabric	http://www.getty.edu/conservation/institute/ The Getty Conservation Institute (310) 440-7325; gciweb@getty.edu	Grants			
South Florida Water Management District (SFWMD)	Water Savings Incentive Program (Water SIP)	Funding for local programs for water savings hardware or technology, including: <ul style="list-style-type: none"> • Indoor plumbing retrofits • Automatic fire hydrant flush devices • Rainwater harvesting • Pre-rinse spray devices for commercial kitchens Eligible applicants—Local governments, public utilities, commercial and industrial facilities	http://www.sfwmd.gov/portal/page/portal/levelthree/water%20conservation#sip June 21 http://www.sfwmd.gov/portal/page/portal/xrepository/sfwmd_repository_pdf/fy2011%20watersip%20informational%20seminar.pdf Rupert Giroux (561) 682-2532; rgiroux@sfwmd.gov	Local match—50% Maximum grant—\$50,000 Minimum project cost—\$15,000	June 21—solicitation released July 22—proposals due August 24—selection committee meeting September 9 Governing Board selection meeting October 1—grant agreements to applicants November 30—agreements executed August 31—projects completed Projects evaluated by five-member SIP Selection Committee	All projects must provide 0.5 million gallons in savings per year Application must document financial commitment Payments on reimbursement basis after completion of entire project. All expenditures must be documented Quarterly progress report Final report Project Performance Tracking Report	

(Table 3 continued on the next page)

Table 3 continued

Entity	Program	Project Description/Project and Applicant Eligibility	Guidance and Contact Information	Funding Description, Matching Requirements, Funding Limits	Timeline Application Process	Administrative and Post-Grant Requirements	Notes
					SFWMD Board makes final selections		
Georgia Power	Solar Buyback Program	Georgia Power buys power generated by photovoltaic systems. Rate per kilowatt hour is higher than rate for conventional power buyback Residential and commercial customers eligible	http://www.georgiapower.com/spotlightsolar/solar_customers.asp http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=GA46F&re=1&ee=1	Payment of 17 cents per kilowatt hour		Customer must also sell renewable energy credits to Georgia Power	
Tennessee Valley Authority (TVA)	Generation Partners Program	TVA buys power generated by alternative technologies including solar, wind, hydro, biomass, and landfill gas	http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=GA03F&re=1&ee=1 http://www.tva.com/greenpower/switch/partners/	Payment of 12 cents above retail rate for solar power; 3 cents above retail rate for other sources Also \$1,000 up-front payment to help pay for systems		Customer must also sell renewable energy credits to TVA	
CALSTART	Clean transportation programs and advocacy	Coordinated applications for three California airports for DERA grants Website included link to California Hybrid Truck and Bus Voucher Incentive Program (HVIP) (fully subscribed) Other incentive programs are also listed	http://www.calstart.org/Homepage.aspx	N/A	N/A	N/A	CALSTART does not provide funding, but has coordinated funding requests
Surdna Foundation	N/A	Grants to nonprofit organizations to support sustainable	http://www.surdna.org/ http://www.surdna.org/grants	FY 2010 environmental grant range:	Continuous application process, but grants awarded	Information not available	Partnering would be required for an

(Table 3 continued on the next page)

Table 3 continued

Entity	Program	Project Description/Project and Applicant Eligibility	Guidance and Contact Information	Funding Description, Matching Requirements, Funding Limits	Timeline Application Process	Administrative and Post-Grant Requirements	Notes
		environments and strong local economies	ts/grants-overview.html Surdna Foundation: 212-557-0010	\$40,000–\$450,000 FY 2010 community revitalization grant range: \$15,000–\$300,000	in February, May, and September. Foundation needs 3–4 months to review On-line application process preferred Foundation accepts letters of interest, as precursor to full application		airport to access funds
Various Minnesota utilities	Energy rebates	Rebates (rate reductions) to residential and commercial customers undertaking initiatives to reduce energy consumption or increase use of renewable energy	http://www.dsireusa.org/inc entives/index.cfm?re=1&ee=1&spv=0&st=0&srp=1&state=MN (lists utilities participating in program with web links)	Rebates (rate reductions)	Varies	Varies	State website provided a link to the DSIRE web page for Minnesota utilities
Various Minnesota utilities	Energy efficiency grants	Projects to increase energy efficiency Eligible applicants— Commercial and industrial customers	http://www.dsireusa.org/inc entives/index.cfm?re=1&ee=1&spv=0&st=0&srp=1&state=MN (lists utilities participating in program with web links)	Grants	Varies	Varies	State website provided a link to the DSIRE web page for Minnesota utilities
Various Minnesota utilities	Energy efficiency loans	Projects to increase energy efficiency Eligible applicants— Commercial customers	http://www.dsireusa.org/inc entives/index.cfm?re=1&ee=1&spv=0&st=0&srp=1&state=MN (lists utilities participating in program with web links)	Loans	Varies	Varies	State website provided a link to the DSIRE web page for Minnesota utilities
Various Missouri utilities	Energy rebate programs	Various energy reduction initiatives	http://www.dsireusa.org/inc entives/index.cfm?re=1&ee=1&spv=0&st=0&srp=1&state=MO (lists utilities participating in program with web links)	Rebates	Varies	Varies	State website provided a link to the DSIRE web page for Missouri utilities
Various Missouri utilities	Energy efficiency loans	Projects to increase energy efficiency	http://www.dsireusa.org/inc entives/index.cfm?re=1&ee=1&spv=0&st=0&srp=1&state=MO (lists utilities participating in program with web links)	Low interest loans	Varies	Varies	State website provided a link to the DSIRE

(Table 3 continued on the next page)

Table 3 continued

Entity	Program	Project Description/Project and Applicant Eligibility	Guidance and Contact Information	Funding Description, Matching Requirements, Funding Limits	Timeline Application Process	Administrative and Post-Grant Requirements	Notes
			tate=MO (lists utilities participating in program with web links)				web page for Missouri utilities
Norcross Foundation	Conservation	<p>Projects to support conservation</p> <p>Recipients primarily nonprofits</p> <p>Grants primarily support administrative functions</p> <p>Land acquisition financed primarily by low-interest loans</p>	http://www.norcrossws.org/Foundmain.html	<p>Grants and loans</p> <p>Maximum grant—\$10,000</p> <p>Maximum loan—\$250,000</p>	<p>Continuous</p> <p>Loan applications by regular mail or e-mail</p>	<p>For loans, applicants must provide security in form or unrestricted funds or marketable security</p> <p>Loan term limited to one year</p> <p>Applicant must show habitat value of land</p> <p>Executed purchase of option agreement must be included with application</p>	<p>Typical grant \$5,000</p> <p>Grant summaries available at listed URL</p> <p>Airport would need to partner with local nonprofit conservation organization to participate</p>
Bullitt Foundation	Various environmental, conservation, and energy initiatives	<p>Grants</p> <p>Eligible applicants—501(c)(3) nonprofits, local governments, public agencies, and tribal organizations located in Washington, Oregon, Idaho, western Montana, and coastal Alaska</p>	<p>http://bullitt.org/grantmaking</p> <p>http://bullitt.org/grantmaking/faq</p> <p>Bullitt Foundation 206-343-0807; info@bullitt.org</p>	Grants	<p>Twice-yearly grant cycles</p> <p>March 15, September 15—Inquiries due</p> <p>May 1, November 1—Applications due</p>	<p>Grants must be completed within 1 year and final report completed</p> <p>Applicants must complete projects and close grants before applying for new grant</p>	<p>Links to application and reporting forms available at second listed URL</p> <p>Grants not provided for capital projects</p> <p>Summaries of prior grants available at first listed URL</p> <p>Links to other grant sources available at second listed URL</p>

(Table 3 continued on the next page)

Table 3 continued

Entity	Program	Project Description/Project and Applicant Eligibility	Guidance and Contact Information	Funding Description, Matching Requirements, Funding Limits	Timeline Application Process	Administrative and Post-Grant Requirements	Notes
Clean Fuels Ohio	Alternative fuels, emission reductions	Promotes use of alternate fuels Certified Clean Cities Coalition Website describes grant programs for alternative fuel marketers Website also has links to AFV and low emission diesel funding opportunities Based on interview, coordinated grants under Clean Cities Program	http://www.cleantuelsohio.org/cms/	Various	N/A	N/A	Link to lists of fleet funding opportunities at: http://www.cleantuelsohio.org/cms/index.php?option=com_content&view=article&id=123&Itemid=76
Ohio Environmental Council (OEC)	Advocacy, financial support for environmental issues	Promotes greening initiatives for Ohio Based on interview, coordinated funding for retrofits of diesel equipment at Port Columbus International Airport and three municipalities	http://www.theoec.org/ Ohio Environmental Council (614) 487-7506; oec@theoec.org	N/A	N/A	N/A	Per interview, filing in partnership with other entities and OEC improved rating of application
Energy Trust of Oregon	Various incentives for energy efficiency, renewable energy	Promotes energy efficiency and renewable energy with technical assistance, cash incentives, and other support Specific programs for government entities and nonprofits	http://energytrust.org/public-sector/ Energy Trust of Oregon 866.368.7878	Various incentives			Listed URL has links to grant writing assistance
William Penn Foundation	Environmental and communities grants	Funds for various activities to promote vital communities	http://www.williampenfoundation.org/info-url_nocat3569/info-url_nocat.htm	Grants	Two step application process	Development of outputs and outcomes required to assist	Foundation focuses on projects in the Greater

(Table 3 continued on the next page)

Table 3 continued

Entity	Program	Project Description/Project and Applicant Eligibility	Guidance and Contact Information	Funding Description, Matching Requirements, Funding Limits	Timeline Application Process	Administrative and Post-Grant Requirements	Notes
		<p>within a healthy regional ecosystem</p> <p>Eligibility limited to tax exempt nonprofits and public charities as defined in Internal Revenue Code</p> <p>However, based on application template, partnering may be permitted</p>	<p>http://www.williamspennfoundation.org/info-url_nocat3584/info-url_nocat_show.htm?doc_id=228820</p> <p>http://www.williamspennfoundation.org/info-url3574/info-url.htm</p> <p>Hillary Murray (215) 988-1830</p>		<p>Step 1—Letter of Inquiry</p> <p>Step 2—Formal proposal, based on foundation review of Letter of Inquiry</p> <p>For requests over \$82,500, the following deadlines apply</p> <p>Letters of Inquiry—September 23, January 13, May 19</p> <p>Formal proposals—November 18, March 10, July 21</p> <p>Hardcopy applications only</p>	<p>in tracking project's accomplishments after grant awarded</p>	<p>Philadelphia region</p> <p>Detailed application instructions with additional links at third listed URL</p>
The Reinvestment Fund (TRF)	Pennsylvania Green Energy Loan Fund	<p>Loans for energy conservation and efficiency improvements commercial, nonprofits and government buildings</p> <p>Projects can include limited energy retrofits, extensive energy retrofits and gut rehabs. Loans for new construction projects considered on a case-by-case basis.</p>	<p>http://www.pagreenenergyloanfund.com/</p> <p>Green Energy Loan Fund 215-574-5800; PaGELF@trfund.com</p>	<p>Interest rates—4.0% to 6.5%</p> <p>Loan amounts \$100,000 to \$2.5 million</p>	<p>Two step application process</p> <p>Step 1—Initial Financing Request</p> <p>Step 2—Loan Application</p>	<p>Projects must result in a reduction in energy consumption of at least 25%</p>	<p>Links to Initial Financing Request and Loan Application forms available at listed URL</p>
Palmetto State Clean Fuels Coalition	Clean fuel projects Vehicle emissions	<p>Coalition partners with applications to obtain cost-share grants for clean fuel projects including:</p>	<p>www.palmettocleanfuel.org</p> <p>Erika Myers emyers@energy.sc.gov</p>	<p>Funding appears to be in the form of grants</p> <p>Local match—50%</p>			

(Table 3 continued on the next page)

Table 3 continued

Entity	Program	Project Description/Project and Applicant Eligibility	Guidance and Contact Information	Funding Description, Matching Requirements, Funding Limits	Timeline Application Process	Administrative and Post-Grant Requirements	Notes
		<ul style="list-style-type: none"> • Alternative fuel vehicles • Alternative fuel infrastructure • Diesel retrofits • Idle reduction 					
Alliant Energy Foundation	Community Grants Various environmental resources	<p>Grants to support protection of the environment, among other objectives</p> <p>Eligible applicants— federal, state and local government entities, accredited educational institutions and section 501(c) nonprofits</p>	<p>http://www.alliantenergy.com/Community/CharitableFoundation/ApplyforaCommunityGrant/index.htm</p> <p>http://www.alliantenergy.com/wcm/groups/wcm_internet/@int/documents/contentpage/012195.pdf</p>	Grants	<p>Three grant cycles</p> <p>Cycle 1— Applications due January 15 with decisions by April 1</p> <p>Cycle 2— Applications due May 15 with decisions by August 1</p> <p>Cycle 3— Applications due September 15 with decisions by December 1</p> <p>Applications will not be accepted earlier than 30 days before deadline for a cycle</p> <p>Hard copy application</p>	<p>Energy related projects that may benefit Alliant Energy or its utility subsidiaries are not eligible</p> <p>Funding targeted to residents and communities served by Alliant Energy’s utility subsidiaries</p>	<p>Preference given to projects with advocate or sponsor, among other considerations</p> <p>Links to information on previous grants available at first listed URL</p>

perform the energy audit and develop recommendations without committing to the GESG. The airports then implement the recommendations on their own or through traditional third-party contracting. Staff of one airport, Rolf Wold Minneapolis–St. Paul International Airport, pointed to (1) concerns about contractual issues in a GESG, in particular defining how energy savings would be calculated; and (2) the ability to get rebates directly from a utility, as reasons for pursuing the initiatives without a GESG.

- **Vehicle emissions**—The study shows that local or regional consortiums and regional planning agencies can play an important role in financing initiatives to reduce vehicle emissions. No instances were found in which these entities were themselves the source of funds. However, as conduits of funds, they can enhance an airport's access to other funding programs in a number of ways. First, for the Clean Cities program, only certified coalitions are eligible to apply, as reflected in Table 2. Second, some programs may provide a higher priority to applications submitted by consortiums, including multiple fleet owners. Third, by assembling projects from multiple fleet owners, coalitions or other regional agencies can meet high minimum grant requirements for some programs, as noted in some of the case examples in the next chapter. Finally, as the direct grant recipient, these regional entities may perform some of the administrative work in support of a grant normally performed by the airport if it were the grantee. Regional coalitions and planning agencies may also provide support for ridesharing initiatives as another alternative to reducing vehicle emissions.

Another form of funding assistance for vehicle emission reduction involves financial support by the private sector. One airport—Dallas/Fort Worth International Airport (DFW) was able to get a CNG refueling station built at no cost to the airport by a commercial CNG station operator. The CNG station serves the airport's CNG fleet, and the station operator provides reduced rates to the airport. The station operator benefits because the station is open to the public for retail sales. Another airport—John F. Kennedy International Airport (JFK)—was able to implement a hydrogen fuel vehicle program at limited cost by working cooperatively with a vehicle manu-

facturer to obtain vehicles and a fuel/energy company for construction of the hydrogen fueling station. These examples are discussed in more detail in the next chapter.

CHARITABLE FOUNDATIONS

The study located a limited number of charitable foundations that may provide grants for environmental initiatives. Because of requirements to maintain the tax exempt status imposed on foundations, it may be necessary for the airport to partner with a local nonprofit to qualify. Information on these foundations is included in the matrix. The study also identified two websites that provide listings of grant making foundations. The Foundation Center at <http://foundationcenter.org/> offers comprehensive listings of foundations. A subscription is required to access some of the center's databases. However, listings of open RFPs are available at no charge at <http://foundationcenter.org/pnd/rfp/>. The Norcross Wildlife Foundation includes in its website a link to general information on foundations. However, the links appear to be oriented toward foundations, rather than potential grantees. The link is <http://www.norcrossws.org/Foundation%20Infor/Foundmain.html>.

MATRIX OF NONGOVERNMENTAL FUNDING OPPORTUNITIES

Table 3 summarizes the information on nongovernmental funding opportunities. A blank cell means that the relevant information was not readily available through the referenced websites. Listings of consortia or planning agency organizations are limited to those identified through searches of other websites or through interviews. Clean Cities Certified Coalitions are listed at http://www.afdc.energy.gov/cleancities/progs/coalition_locations.php.

The listings of utilities that offer financial incentives are limited to those that were cited on state government websites and are presented for illustrative purposes. Similar programs may be available from utilities in other states. As noted previously, the DSIRE website—www.dsireusa.org—provides a complete listing of utilities providing financial incentives sorted by state. The charitable foundations identified during this study are also included in the matrix.

CASE EXAMPLES

This chapter presents 11 case examples of airport experiences in pursuing alternative funding for environmental initiatives. Funding sources include VALE, DERA, Clean Cities, state programs, and partnering with the private sector. Information is based on interviews and background information provided by interviewees. Specific source information for the case examples is included in the References.

PORT COLUMBUS INTERNATIONAL AIRPORT— LEVERAGING MULTIPLE FUNDING SOURCES TO REDUCE VEHICLE EMISSIONS

The Columbus Regional Airport Authority (CRAA) successfully obtained funding to convert a portion of its shuttle fleet at Port Columbus International Airport (CMH) to AFVs and to reduce diesel emissions through retrofitting and installation of auxiliary power units. CRAA's experience provides an example of combining multiple funding sources to maximize outside funding and an example of working through nonprofit advocacy groups and coalitions. CMH is a medium hub airport.

Working with Clean Fuels Ohio, CRAA obtained a portion of an \$11 million grant to finance the acquisition of propane shuttle buses to replace a portion of its conventional engine parking shuttle bus fleet. Clean Fuels Ohio is a statewide nonprofit organization based at Ohio State University and dedicated to promoting the use of cleaner, domestic fuels and efficient vehicles to the transportation industry, government, and the general public. Clean Fuels Ohio is designated as a Clean Cities Coalition by the DOE.

Previously, CRAA had relied on retrofits to reduce vehicle emissions; however, the retrofit process was proving to be unsatisfactory. The coalition had made the decision to rely on propane bus purchases rather than retrofitting. CRAA is a member of the coalition and is aware of the coalition's programs and initiatives. In this case, Clean Fuels Ohio approached CRAA about helping to fund the bus purchases. (More recently, Clean Fuels Ohio approached CRAA about participating in a project to obtain funding for electric vehicle recharging stations.)

By combining projects from CMH, the city of Columbus, and local taxicab companies, Clean Fuels Ohio obtained an \$11 million Clean Cities Grant from the DOE. CRAA applied the grant funds it received through Clean Cities Ohio to the

incremental costs of the propane fuel system. The resulting cost savings permitted CRAA to increase the number of buses purchased from four or five (the number usually purchased under normal replacement cycles) to eight.

Absent the partnership with Clean Fuels Ohio, CRAA would not have qualified for the Clean Cities funding; only Clean Cities Coalitions are eligible to apply. In addition, as the grantee Clean Fuels Ohio assumed much of the burden of complying with administrative and reporting requirements for the grants.

CRAA had considered purchasing CNG vehicles instead of propane. However, the volume of fuel consumed by the parking shuttle fleet would not have been sufficient to support a CNG refueling station.

Previously, CRAA had partnered with the Ohio Environmental Council and three Ohio municipalities to obtain grant funding from the Midwest Clean Diesel Initiative. CRAA's project involved retrofitting nine vehicles with particulate filters and four vehicles with diesel oxidation catalysts. Three more vehicles were funded for installation of auxiliary power units.

CRAA is funding a third initiative without any outside funding sources. To reduce vehicle fuel consumption during warm weather months, CRAA leases and operates golf carts instead of gasoline-powered pickup trucks to provide on-airport transportation. The fuel cost savings pay for the cost of the leases.

COLUMBUS REGIONAL AIRPORT AUTHORITY— SUCCESSFUL PUBLIC–PRIVATE PARTNERSHIP FOR BROWNFIELD REDEVELOPMENT

CRAA's participation in a brownfield redevelopment project demonstrates the ability of public–private partnerships to obtain financial assistance for brownfield projects, even though this project did not involve an on-airport site. A business had identified a brownfield site for redevelopment into an office building, and the cleanup project had been determined to be highly ranked for funding under the Clean Ohio Revitalization Fund program (CORF). All that was required was to identify an eligible public agency to serve as project applicant. CRAA was eligible and agreed to apply for the grant. As the applicant, CRAA received the grant funds after the award of the grant. CRAA was responsible for meeting CORF accounting and

record-keeping requirements for the grant and providing information on the project to CORF.

CRAA's experience could provide a model for on-airport brownfield cleanup so long as the airport applying for the grant is not responsible for the contamination.

OAKLAND INTERNATIONAL AIRPORT AND CALSTART—SUCCESSFUL PARTNERING FOR DIESEL EMISSION REDUCTION ACT FUNDING

The Port of Oakland, operator of Oakland International Airport (OAK), successfully teamed with CALSTART and two other California airports, San Francisco International Airport and San Diego International Airport, to obtain funding to retrofit OAK diesel vehicles with particulate filters and to acquire new CNG vehicles to reduce diesel emissions (see Figure 3). A fourth airport, Los Angeles International Airport (LAX), was part of the original consortium of airports, but it is no longer participating in the program and did not take any funds. Some of the funds designated for LAX have been provided directly to carriers serving LAX.

All four of the original airports had been active in CALSTART prior to the DERA initiative. CALSTART originally assisted the airports informally in their preparation of the applications. When it became evident that the airports individually could not generate a sufficient number of projects to meet the minimum grant requirement, the concept of CALSTART serving as the applicant was discussed. CALSTART is eligible to apply for DERA funding as a nonprofit focused on transportation. CALSTART conducted a one-day outreach session about the program for airports and stakeholders.

As the applicant and grantee, CALSTART is responsible for all financial aspects of the grant and the project, including submitting reports to EPA and processing payment requests. As a sub-recipient, OAK is responsible for executing a sub-recipient agreement, paying the vendor and invoicing CALSTART.



FIGURE 3 Oakland International Airport retrofit bus.



FIGURE 4 Port of Oakland CNG vehicle.

PORT OF OAKLAND—PUBLIC AND PRIVATE FUNDING FOR ALTERNATIVE FUEL VEHICLES

The Port of Oakland has a continuing program to acquire AFVs for Port operations including operations at OAK. From 2001 through 2005, OAK received a total of \$474,000 in grants for the acquisition of CNG vehicles, one electric vehicle, and public electric vehicle recharging stations (see Figure 4). Funding came from the Bay Area Air Quality Management District (BAAQMD) and the State Energy Program. OAK also received grants directly from Ford Motor Company for CNG vehicles and CNG fueling stations (see Figure 5).

PORT OF OAKLAND—HELPING COMMERCIAL VEHICLE OPERATORS COMPLY WITH ALTERNATIVE FUEL VEHICLE FLEET REQUIREMENTS

To address air quality issues in Oakland and the Bay area, the Port of Oakland adopted mandatory targets for the percentage of an operator's fleet operating at OAK. The original



FIGURE 5 Oakland International Airport CNG fueling station.

minimum standard was 50% of the fleet. The original standard specified CNG vehicles.

To overcome resistance to the mandate, the Port began to provide incentives. One form of incentive was cash assistance for the purchase of CNG vehicles. For taxi operators, the Port provided an allowance of \$3,000 per vehicle. For other vehicles, the allowance was larger. A second incentive directed to taxi operators was provided in the form of improved access to the airport. The Port's standard operating policies restrict an individual taxi to picking up passengers every other day. This policy was waived for CNG vehicles, enabling daily operations at the airport. The vehicle allowance was funded with grants from the BAAQMD and the State Energy Program. From 2002 through 2006, the Port received a total of \$312,000 to finance the cash incentive program. The Port applied for the grants on behalf of the operators and disbursed the grant funds once received.

With the elimination of factory original manufactured CNG passenger vehicles suitable for taxis, the Port of Oakland has temporarily reduced the fleet percentage requirement to 25% and allows taxi operators to use hybrid electric vehicles to meet the requirement.

The Port has not offered cash assistance since 2006 because the administrative burden became too great. Instead, the subsidies are provided directly by Clean Energy, which owns and operates a CNG refueling station on airport property.

DALLAS/FORT WORTH INTERNATIONAL AIRPORT—A SUCCESSFUL PUBLIC-PRIVATE PARTNERSHIP FOR ALTERNATIVE FUEL VEHICLE REFUELING

The Dallas/Fort Worth International Airport (DFW) took a different approach to financing the construction of a CNG refueling station for its airport. DFW issued an RFP for a commercial operator to build and operate the station. The RFP required proposers to offer a standard index rate plus a fixed markup for sales to DFW. The station was needed to service DFW's fleet of CNG vehicles, but the RFP permitted sales to the general public as well. The winning operator, Clean Energy, Inc., funded 100% of the construction costs of the station and agreed to a fixed markup on the sale of CNG to the airport. (CNG's fixed rate offer was determined to be most advantageous to the airport.) The general public pays the prevailing unit rate for CNG. Clean Energy recoups its cost and generates its profit from the fixed markup and retail sales to the public.

Clean Energy owns the refueling station. Therefore, the station was ineligible for VALE and other federal grant programs. Even without government assistance, however, DFW gets the benefit of a refueling station on-airport at no out-of-pocket cost and reduced rates on the purchase of CNG. Clean Energy, in turn, gets the benefit of sales to the airport and the general public through its investment in the station.

JOHN F. KENNEDY INTERNATIONAL AIRPORT—A PUBLIC-PRIVATE PARTNERSHIP FOR HYDROGEN FUELED VEHICLES

John F. Kennedy International Airport (JFK) is one of four commercial service airports operated by the Port Authority of New York and New Jersey (PANYNJ). JFK's hydrogen program is a partnership among the PANYNJ, the DOE, General Motors (GM), and Shell Oil Company. The PANYNJ was originally approached by GM with an offer of hydrogen vehicles through its Project Driveway program. The vehicles were initially provided for three months at no cost. Later, Shell offered to construct a hydrogen fueling station. The DOE supported the program with a grant. The PANYNJ provided Shell with land for the station at a reduced rent. Shell constructed the station and operates and maintains it. Shell provides the hydrogen fuel at no cost.

The project supports research into hydrogen fuel cell technology. For example, Toyota provided JFK with 10 hydrogen fuel cell hybrid vehicles. The project also supports market testing of hydrogen vehicles by the public (see Figures 6 and 7). Two pictures of the fueling station appear here.

NEWARK LIBERTY INTERNATIONAL AIRPORT—PUBLIC UTILITY SUPPORT FOR ENERGY EFFICIENCY

Newark Liberty International Airport (EWR) is another commercial service airport operated by the PANYNJ. EWR took advantage of a program offered by the Public Service Gas and Electric Company (PSE&G) to reduce energy consumption at little cost to the airport. EWR relied on PSE&G's Direct Install Program to install three chillers with variable speed drives and to replace lighting with more efficient fixtures. PSE&G performed the installation and paid for 100% of the equipment and installation costs. EWR is obligated to pay back only 20% of these costs through the airport's regular utility bill. Thus, PSE&G is paying for 80% of the cost of



FIGURE 6 JFK hydrogen fueling station (detail).



FIGURE 7 JFK hydrogen fueling station.

the energy saving equipment. For the EWR project, PSE&G is paying \$4.8 million of the \$6 million project cost, with EWR paying the remaining \$1.2 million. PSE&G also performed a free energy audit as part of the program. PANYNJ staff estimate that the airport is saving \$600,000 in energy costs annually. These savings translate into a payback period of two years for EWR's investment in the project.

BOSTON LOGAN INTERNATIONAL AIRPORT— VARIOUS FUNDING SOURCES

The Massachusetts Port Authority (Massport) owns and operates Boston Logan Airport (BOS), a large hub airport, as well as two smaller public-use airports. Massport has a history of utilizing outside funding and collaborating with others to accomplish environmental goals at these facilities. Notably, in 1995, Massport partnered with the gas utility company and a private developer to successfully acquire and leverage Congestion Mitigation and Air Quality (CMAQ) funds to construct at Logan Airport what remains the largest full public access CNG station in New England. In a coordinated effort, Massport converted its shuttle bus fleet to CNG.

Having exceeded 14 million “clean” miles, the CNG bus fleet will soon be replaced. Massport recently received a grant under FAA's VALE program to support acquisition of 50 new alternative fuel buses, 18 of which will be CNG-fueled, with the remaining 32 buses hybrid diesel. The VALE grant of \$5.9 million will cover 75% of the incremental cost of the alternative fuel technology. The balance of the costs will be covered by Massport funds and fees collected to support a new consolidated rental car facility, as 15 of the buses will serve that facility.

Massport's application was the first VALE project for FAA's New England Region. Massport staff advised that the use of a consultant with experience in the FAA's emissions modeling system and VALE applications was helpful. The

process of securing a letter of commitment on emissions credits from the state environmental regulatory agency—a critical VALE requirement—was one of the easier parts of the process.

Smaller scale examples of using outside funding for alternative fuel infrastructure include: (1) acquiring DOE State Energy Plan funds to leverage the installation of an E85 ethanol tank and the necessary infrastructure at a gas station at BOS (approximately \$175,000), and (2) working with the Massachusetts Executive Office of Energy and Environmental Affairs, which has funds obtained from a Midwest power plant found guilty of polluting. If successful, these funds will be used to advance the installation of electric vehicle charging stations in public parking facilities at BOS.

Terminal A at BOS, the world's first U.S. Green Building Council Leadership in Energy and Environmental Design (LEED) certified airport terminal, was built by Delta Airlines and turned over to Massport. Under a model that is becoming used less frequently at airports, Massport issued bonds for this work and the airline pays the debt. Massport was able to require LEED certification as a condition of funding. In another collaborative arrangement with Delta, Massport loaned the airline the funds required to convert its ground service equipment at BOS to alternative fuel equipment. This arrangement was a “win/win” in that the interest rate of the loan both exceeded the rate of return that Massport was getting in its investments and was less than the interest rate that Delta could obtain elsewhere. A final example of collaboration on the greening of Terminal A involved the Massachusetts Department of Energy Resources, a private vendor, and Massport. These entities leveraged federal American Recovery and Reinvestment Act funds and federal investment tax credits to install a 376 kW solar photovoltaic (PV) system on the terminal roof. The private entity, which benefitted from the tax credits, paid for the cost of installing the solar equipment. Massport agreed to purchase the electricity produced at a discounted rate.

SEATTLE-TACOMA INTERNATIONAL AIRPORT— ALTERNATIVE FUEL VEHICLES FOR AIR CARRIER OPERATIONS

Seattle-Tacoma International Airport (SEA), a large hub airport, has obtained funding through the local Clean Cities Coalition to finance the acquisition of alternative fuel vehicles to support air carrier operations. Funding is derived from the American Recovery and Reinvestment Act and other DOE funds.

SEA's program is focused on vehicle electrification. Original plans contemplated using federal funds to assist in the purchase of rolling stock (tugs, push-back engines, etc.) and recharging stations. Currently, all of the funds are dedicated to the purchase of rolling stock. The decision to focus on rolling stock was made to generate greater support from the carriers.

SEA had initially been pursuing vehicle electrification grants directly from the DOE. SEA recognized that without federal funds carriers would not support the program. SEA was approached by the local Clean Cities coalition to join in an application with other entities. The coalition staff believed that including an airport in the partnership would distinguish their application from others and that the ability to show carrier support would also improve the rating of the project. The coalition was able to use some of the work SEA had already done while pursuing an individual grant.

SEA is functioning as the recipient of funds from the coalition, and treating the program as a pass-through of the grant funds to the carriers. The precise details of equipment ownership and contractual relationships are still under review to preserve grant eligibility.

SEA staff considered VALE funding but did not think it was a good fit for purchasing rolling stock. Under the Clean Cities program, carriers can continue to use their old equipment. SEA staff believes that under VALE, the equipment would have to be destroyed or disabled. However, according to FAA's VALE program manager, FAA requires a commitment that old equipment will not continue to be used at the airport or in other nonattainment or maintenance areas, but that the equipment need not be destroyed or disabled.

**PHILADELPHIA INTERNATIONAL AIRPORT—
USING MULTIPLE FUNDING SOURCES TO
REDUCE VEHICLE AND AIRCRAFT EMISSIONS**

Philadelphia International Airport (PHL), a large hub airport, is pursuing various projects to reduce emissions from on-

road vehicles, the airline's ground service vehicles, and aircraft. The projects entailed the following:

- Acquire three Ford Escape hybrid electric vehicles for airport use.
- Acquire eight new higher efficiency diesel buses to replace older diesel buses.
- Acquire and install 45 recharging units to support 218 new electric ground service equipment units.
- Acquire and install 35 pre-conditioned air units at aircraft gates.
- Acquire and install 11 electric ground power units at a maintenance hangar.

PHL used a combination of three funding sources to finance the projects. FAA VALE grants provided 75% of eligible project costs of approximately \$14.3 million. PHL received approximately \$1.9 million in Pennsylvania Alternative Fuel Incentive Grants (AFIG), which it applied to a portion of the 25% local match requirement for the VALE grants. Finally, PHL received a DERA grant of approximately \$476,000 to cover 100% of the incremental costs of low-emissions technology for a portion of the vehicles and equipment.

PHL became aware of the funding opportunities through a combination of direct announcement from the funding sources and participation in meetings of the Philadelphia Diesel Difference organization (<http://www.cleanair.org/dieseldifference>).

PHL applied to each funding source directly. The most recent AFIG applications were submitted electronically. Submitted project costs in PHL's applications were based on vendor quotes or construction bids.

CONCLUSIONS

This chapter summarizes the information and findings discussed in the previous chapters. Identified gaps for further research are also presented.

FINDINGS

This ACRP synthesis provides summary information on financing opportunities and strategies to support airport environmental initiatives. The study effort demonstrated that funding opportunities are available for almost every potential environmental initiative that an airport might choose to undertake. State and federal resources may be available.

This synthesis provides a summary of funding opportunities and strategies. However, it is not intended to be used as a guide by airport operators in preparing applications or proposals in response to specific funding opportunities. The matrices included in this report (see Tables 1–3) provide reference sources, contact information, and web links that airports can use if they choose to pursue particular funding opportunities.

In addition, funding opportunities are constantly changing; new funding opportunities are announced and application periods close. It is important for airports to monitor the programs in which they are interested to determine when new opportunities become available and what actions are needed to qualify for funding.

Just as funding opportunities are constantly changing, environmental opportunities are evolving. In the past, a major focus of environmental responsibilities at airports was on mitigation. Today, these responsibilities are much broader and expectations are higher. Environmental stewardship is increasingly the standard applied to airports and other governmental and commercial entities. Stewardship can include the concept of environmental sustainability and anticipating and preparing for environmental consequences of specific actions or projects and of the overall activities of the airport entity.

As governmental entities, airport operators are eligible for funding opportunities in most resource areas. However, for some resource areas, airports do not appear to have been active in seeking funding. These areas include:

- Habitat and wildlife conservation,
- Water quality,

- Historic and cultural resources,
- Brownfields,
- Recycling, and
- Petroleum storage tanks and releases.

For wildlife habitat conservation and water quality, the results indicated that airport operators might not compete effectively for funding on a stand-alone basis; it might be necessary to partner with another public agency or even a non-profit to compete for funding. For the other listed resource areas, no significant impediments to stand-alone applications were identified.

There are two areas where airports have been active in undertaking initiatives and pursuing funding—energy efficiency and vehicle emission reductions.

With respect to energy efficiency, the following was determined:

- Public financing is available in the form of grants or low-interest loans.
- Private-sector financing is available through energy providers and energy service companies.
- The capital costs of some initiatives can be self-financed through reductions in energy consumption, but the payback period can be substantially shortened if up-front financial assistance is obtained.
- Airports have not been as active in developing renewable energy programs as they have been in pursuing energy efficiency.

With respect to vehicle emissions the study revealed the following:

- Multiple funding opportunities are available—including Voluntary Airport Low Emission (VALE), Clean Cities programs, and Diesel Emission Reduction Act (DERA) programs
- Participating in a coalition or joint effort may increase the probability of funding. Some local or regional consortia have sought airport participation. Some airports that successfully pursued alternative fuel vehicle funding did so by teaming with other entities, and airport staff believe this approach enhanced the airports competitiveness.

FURTHER RESEARCH

As noted, there are a number of resource areas in which airports have not traditionally sought financial assistance, even though they appear to be eligible. The reasons for the historic lack of participation could not be established through this study effort. Additional research to address this issue might be beneficial. Such research might include the following efforts, focused on individual resource areas or funding programs:

- Confirming airport eligibility for the funding program.
- Determining the scope and extent of eligible projects that might typically arise on an airport.
- Identifying any impediments to airports pursuing funding.

However, the value of the research efforts relative to the potential level of effort required is unclear. In most resource areas where airport participation has been limited, states provide the funding or play a substantial role in determining what projects are funded. The resolution of the research issues may vary from state to state and resource area to resource area. The level of effort to address the issues on a nationwide basis could be substantial, given the need to examine the programs in individual states and territories. If additional research is undertaken, it would be prudent to focus either on the programs available in a particular state or on a particular resource area.

Another potentially beneficial area of research would be to develop more in-depth indexes or checklists of information necessary to support successful funding applications. Such research would be most manageable and useful if it focused on particular resource areas or grant types.

REFERENCES

- Airport Improvement Program, 25th Annual Report of Accomplishments*, Federal Aviation Administration, Washington, D.C., Apr. 1, 2010.
- Clean Air Act, 42 USC §4701 et seq.
- Database for State Incentives for Renewables & Efficiency (DSIRE) [Online]. Available: <http://www.dsireusa.org/>.
- Department of Energy, “List of Clean Cities Coalitions,” Washington, D.C. [Online]. Available: http://www.afdc.energy.gov/cleancities/progs/coalition_locations.php.
- Environmental Protection Agency, *Guidebook of Financial Tools, Paying for Environmental Systems*, Washington, D.C., 2008 [Online]. Available: <http://www.epa.gov/efinpage/publications/GFT2008.pdf>.
- FAA Order 5100.38C, *Airport Improvement Program Handbook*, Chapter 10, Section 1, “Project Formulation,” Paragraph 1000, Federal Aviation Administration, Washington, D.C., June 28, 2005.
- FAA Order 5100.39A, *Airports Capital Improvement Plan*, Section 5, “Background,” Federal Aviation Administration, Washington, D.C., Aug. 22, 2000.
- FAA Program Guidance Letter 07-06, “Guidance for Funding Sponsor-Prepared Environmental Management Systems,” Federal Aviation Administration, Washington, D.C., Sep. 28, 2007.
- FAA Southwest Region Airports Division, *Capital Planning: Developing Your Airport Through Sound Planning Practices*, Fort Worth, Tex., Feb. 2007.
- FAA, *Airport Improvement Program, 25th Annual Report of Accomplishments*, U.S. Department of Transportation, Washington, D.C., Apr. 2010.
- The Foundation Center, listing of foundations, Washington, D.C. [Online]. Available: <http://foundationcenter.org/>.
- The Foundation Center, listing of open foundation RFPs, Washington, D.C. [Online]. Available: <http://foundationcenter.org/pnd/rfp/>.
- Geothermal Exchange Organization website, listing of geothermal heat pump incentives, Washington, D.C. [Online]. Available: <http://www.geoexchange.org/index.php?option=com/content&view=article&id=294&Itemid=9>.
- The Hawthorne Institute, *Missouri Catalogue of Financial Assistance*, Jefferson City, Mo. [Online]. Available: <http://www.mo.gov/mo/pdf/MoCSAP.pdf>.
- Minnesota Department of Natural Resources, “Flood Hazard Mitigation Grant Assistance,” St. Paul [Online]. Available: http://www.dnr.state.mn.us/grants/water/flood_hazard.html.
- Norcross Wildlife Foundation, information on foundations, New York, N.Y. [Online]. Available: <http://www.norcrossws.org/Foundation%20Infor/Foundmain.html>.
- Office of Management and Budget, *OMB Circular A-87: Cost Principles Applicable to Grants and Contracts with State and Local Governments*, Washington, D.C., May 10, 2004.
- Office of Management and Budget, *OMB Circular A-133: Audits of States, Local Governments, and Non-Profit Organizations*, Washington, D.C., June 24, 1997.
- Office of Management and Budget, OMB, “2 CFR Subtitle A, Chapter 1 and Part 25, Financial Assistance Use of Universal Number and Central Contractor Registration,” Washington, D.C., Sep. 14, 2010.
- Public Law 92-500, 86 Stat. 816, *Clean Water Act*, Oct. 18, 1972.
- Public Law 108-176, H.R. 2115, *Vision 100—Century of Aviation Reauthorization Act*, Dec. 2003.
- Public Law 109-58, H.R. 6, Title VII, Subtitle G, *Diesel Emissions Reduction Act*, Aug. 2005.
- Single Audit Act, 31 USC §7501 et seq.
- “Uniform Administrative Requirements for Grants and Cooperative Agreements to States and Local Governments,” 49 CFR Part 18, Department of Transportation, Washington, D.C., 1988.
- “VALE Program Grant Summary,” Federal Aviation Administration, Washington, D.C., Sep. 24, 2010 [Online]. Available: http://www.faa.gov/airports/environmental/vale/media/VALE_grant_summary.pdf.

CASE EXAMPLE REFERENCES

Case example references are listed in the order case examples appear in chapter six.

Case Example	Information Sources
Port Columbus International Airport Vehicle Emission Reductions	Interview with Paul Kennedy, Manager, Energy and Environment, Columbus Regional Airport Authority
Columbus Regional Airport Authority, Brownfield Redevelopment	E-mail from Allen G. Nederveld, Associate General Counsel CRAA (Oct. 6, 2010)
Port of Oakland and CALSTART DERA Funding	Interviews with Susan Fizzell, Environmental Planner, Port of Oakland, and Steven Sokolsky, CALSTART
Port of Oakland Public and Private Funding for AFVs	Interviews with Susan Fizzell, Port of Oakland, and Dale Stone, Port of Oakland; e-mail from Susan Fizzell (Sep. 23, 2010)
Port of Oakland Commercial Fleet AFV Conversion	Interview with Lester Patilla, Port of Oakland; e-mail from Susan Fizzell (Sep. 23, 2010)
DFW International Airport CNG Fueling Station	Interview with Jerry Dennis, DFW International Airport
John F. Kennedy International Airport Hydrogen Fuel Cell Vehicles and Refueling Station	Interview with Arlyn Purcell, Port Authority of New York and New Jersey; Draft Document, ACI-NA 2010 Environmental Achievement Award, Alternative Fuels Vehicle Fleet Program John F. Kennedy International Airport (Nomination for Award) (June 23, 2010)
Newark Liberty International Airport, Energy Efficiency Program	Interview with Arlyn Purcell, Port Authority of New York and New Jersey; e-mail from Arlyn Purcell to author (Sep. 17, 2010); PSE&G website
Boston Logan International Airport VALE Funding	Interview with Patricia Haederle, Assistant Director, Capital Programs and Environmental Management, Massport; interview with Jacquelyn Wilkins, Sustainability Program Manager, Massport
Seattle–Tacoma International Airport AFVs for Air Carrier Operations	Interview with Russ Simonson, Senior Environmental Program Manager, Seattle–Tacoma International Airport
Philadelphia International Airport Multiple Funding Sources to Reduce Emissions	E-mail from Freddric Cummings, Philadelphia Department of Aviation (Oct. 27, 2010)

GLOSSARY OF TERMS, ABBREVIATIONS, AND ACRONYMS

Some of the abbreviations used in this report, especially in the tables, may have multiple uses. The glossary lists alternative uses, when applicable, and the uses must be applied in context.

A.A.C.	Alaska Administrative Code	CHP	Combined heat and power
AB	Assembly bill	CIP	Capital Improvement Plan
A.C.A.	Arkansas Code Annotated	CLG	Certified Local Government
ACC	Airport Consultants Council	CMAQ	Congestion Mitigation and Air Quality
ACWA	Alaska Clean Water Actions	CMH	Port Columbus International Airport
A&D	Acquisition and development	C.M.R.	Code of Massachusetts Regulations
ADEM	Alabama Department of Environmental Management	CNG	Compressed natural gas
AAE	Accredited Airport Executive	COG	Council of Governments
AFIG	Alternative Fuel Incentive Grants	Common Rule	Uniform Administrative Requirements for Grants and Cooperative Agreements with State and Local Governments
AFV	Alternative fuel vehicle	CONRAC	Consolidated rental car facility
AIP	Airport Improvement Program	CORF	Clean Ohio Revitalization Fund
ALP	Airport layout plan	CRAA	Columbus Regional Airport Authority
ANR	Agency of Natural Resources	C.R.S.	Colorado Revised Statutes
ARRA	American Recovery and Reinvestment Act	CSR	Code of State Rules (West Virginia)
A.R.S.	Arizona Revised Statutes	CWF	Clean Water Fund
A.S.	Alaska Statutes	CWSRF	Clean Water State Revolving Fund
BAAQMD	Bay Area Air Quality Management District	DBE	Disadvantaged business enterprise
BART	Best available retrofit technology	DAHP	Department of Archeology and Historic Preservation
BEBR	Blight Elimination and Brownfield Redevelopment	DCED	Department of Community and Economic Development
BIDSYNC	www.bidsync.com—A web-based bidding and procurement system for public agencies	DCH	Division of Culture and History
BLM	Bureau of Land Management	DEC	Department of Environmental Conservation; Department of Environment and Conservation
BMP	Best Management Practice; Better Management Practice	DED	Department of Economic Development
BOS	Boston Logan International Airport	DEED	Department of Employment and Economic Development
BPU	Board of Public Utilities	DEM	Department of Environmental Management
BRL	Bureau of Reclamation	DENR	Department of Environment and Natural Resources
BWSR	Board of Water and Soil Resources	DEP	Department of Environmental Protection; Division of Environmental Protection
C.	Chapter	DEQ	Department of Environmental Quality; Division of Environmental Quality
CAB	Colorado Aeronautical Board	DERA	Diesel Emission Reduction Act
CAEATFA	California Alternative Energy and Advanced Transportation Financing Authority	DES	Department of Environmental Services
CAF	Corrective Action Fund	DFW	Department of Fish and Wildlife; Dallas/Fort Worth International Airport
CALTRANS	California Department of Transportation	DHEC	Department of Health and Environmental Control
CARB	California Air Resources Board	DNR	Department of Natural Resources
CCEF	Connecticut Clean Energy Fund	DNRE	Department of Natural Resources and Environment
CCR	Contractors Central Registration	DOER	Department of Energy Resources
CD	Compact disc	DOR	Department of Revenue
CDOA	Colorado Division of Aeronautics	DOS	Department of State
CEQ	Commission on Environmental Quality	DOT	Department of Transportation
CEQA	California Environmental Quality Act	DRLP	Division of Recycling and Litter Prevention
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	DSIRE	Database for State Incentives for Renewables & Efficiency
CFA	Commonwealth Financing Authority	DUNS	Data Universal Numbering System
CFDA	Catalogue of Federal Domestic Assistance		
CFR	Code of Federal Regulations		
Ch.	Chapter		

DVH	Division of Culture and History (West Virginia)	LEED	Leadership in Energy and Environmental Design
EA	Environmental Assessment	LUST	Leaking underground storage tanks
ECC	Energy and Climate Commission	MAA	Maryland Aviation Administration
ECY	Washington State Department of Ecology	Massport	Massachusetts Port Authority
EDA	Economic Development Authority	MBE	Minority-owned business enterprise
EDMS	Emissions Dispersal Modeling System	MDE	Maryland Department of the Environment
EEC	Energy and Environment Cabinet	MDEP	Maine Department of Environmental Protection
EECBG	Energy Efficiency and Conservation Block Grant	MDEQ	Mississippi Department of Environmental Quality
EERE	DOE, Office of Energy Efficiency and Renewable Energy	MDNR	Minnesota Department of Natural Resources
EFT	Electronic funds transfer	MPO	Metropolitan Planning Organization
EIERA	Environmental Improvement and Energy Resources Authority	MOA	Memorandum of Agreement
EIS	Environmental Impact Statement	M.R.S.A.	Maine Revised Statutes Annotated
EISA	Energy Independence and Security Act	MW	Megawatt
EIT	Environmental Infrastructure Trust	M/WBE	Minority/women owned business
EMNR	Energy, Minerals and Natural Resources Department	N.A.C.	Nevada Administrative Code
EMS	Environmental Management System	National Register	National Register of Historic Places
EO	Executive Order	NEM	Noise exposure map
ESA	Environmental Site Assessment	NCP	Noise compatibility program
ESCO	Energy service company	NDEP	Nevada Division of Environmental Protection
EWR	Newark Liberty International Airport	NEPA	National Environmental Policy Act
FAAST	Financial Assistance Application Submittal Tool	NGO	Nongovernmental Organization
FAM	Financial Aid to Municipalities (Oregon)	N.J.A.C.	New Jersey Administrative Code
Fed Reg.	Federal Register	N.J.R.	New Jersey Register
FCIP	Facility Conservation Improvement Program	N.J.S.A.	New Jersey Statutes Annotated
FONSI	Finding of No Significant Impact	NMSA	New Mexico Statutes Annotated
FWC	Fish and Wildlife Conservation Commission	NO _x	Nitrogen oxide
FWS	Fish and Wildlife Service	NPS	Non-point source
FY	Fiscal year	NPIAS	National Plan of Integrated Airport Systems
GEFA	Georgia Environmental Financing Authority	NPSPCP	Non-Point Source Pollution Control Program
GESC	Guaranteed energy savings contract	NRS	Nevada Revised Statutes
GHP	Geothermal heat pump	NRSC	Natural Resources Conservation Service
GSE	Ground service equipment	NYC	New York City
GVWR	Gross vehicle weight rating	NYSERDA	New York State Energy Research and Development Authority
HB	House Bill	O&M	Operations and maintenance
HPD	Historic Preservation Division	OAC	Oklahoma Aeronautics Commission
HVAC	Heating, ventilation, and air conditioning	OAK	Oakland International Airport
HVIP	California Hybrid Truck and Bus Voucher Incentive Program	OAR	Oregon Administrative Rules
I.C.	Indiana Code	ODFW	Oregon Fish and Wildlife Department
IDAPA	Idaho Administrative Procedures Act	ODNR	Ohio Department of Natural Resources
IDEM	Indiana Department of Environmental Management	OECD	Oregon Economic & Community Development Department
IDOT	Indiana Department of Transportation	OED	Office of Energy Development
IFA	Infrastructure Finance Authority	OEE	Office of Environment and Energy
JFK	John F. Kennedy International Airport	OMB	Office of Management and Budget
KCC	Kansas Corporation Commission	ORC	Ohio Revised Code
K.S.A.	Kansas Statutes Annotated	ORS	Oregon Revised Statutes
KW	Kilowatt	OSWB	Oregon State Weed Control Board
LAX	Los Angeles International Airport	OWEB	Oregon Watershed Enhancement Board
LB	Legislative Bill	P2	Pollution prevention
		PA	Public Act
		Pa. C.S.	Pennsylvania Consolidated Statutes
		PANYNJ	Port Authority of New York and New Jersey

PCB	Polychlorinated biphenyl	Sp. L.	Special Law
PDF	Portable document file (computer format)	SRF	State revolving fund
PECFA	Petroleum Cleanup Environmental Fund Award (Wisconsin)	Standard Federal Administrative Requirements	Administrative requirements for federal grants that apply generally, without regard to the specific program or source of federal fund. Many of these requirements are listed in Appendix A.
PGL	Program Guidance Letter	State register	State register of historic places
P.L.	Public law	SWC	Soil and Water Conservation Commission
Plans and specs	Plans and specifications	SWCD	Soil and Water Conservation District
PPAB	Pollution Prevention Advisory Board	SWIM	Sustainable water infrastructure management
PPM	Parts per million	TCFP	Texas Clean Fleet Program
PRC	Public Resources Code	TDA	Tennessee Department of Agriculture
PSE&G	Public Service Gas and Electric Company	TERP	Texas Emission Reduction Plan
PST	Petroleum storage tank	TMDL	Total maximum daily load
Pub. L	Public Law	TPTF	Texas Preservation Trust Fund
PV	Photovoltaic	TRF	The Reinvestment Fund
QAPP	Quality Assurance Project Plan	TSP	Technical service provider
QECB	Qualified Energy Conservation Bond	TVA	Tennessee Valley Authority
RAP	Response Action Plan	URL	Uniform Reference Locator—the address of a web page or other Internet resource
RCW	Revised Code of Washington	USC	United States Code
RETA	Renewable Energy Transmission Authority	USDA	United States Department of Agriculture
RFA	Request for applications	UST	Underground storage tank
RFGA	Request for grant applications	USTIF	Underground Storage Tank Indemnification Fund
RFP	Request for proposals	VALE	Voluntary Airport Low Emissions
RLF	Revolving loan fund	VCP	Voluntary cleanup plan; voluntary cleanup program (Brownfields)
ROD	Record of Decision	V.S.A.	Vermont Statutes Annotated
RSA	Revised Statutes Annotated	WAC	Washington Administrative Code
RWR	Recycling and Waste Reduction	WBE	Woman-owned business enterprise
s.	Section	Wis. Admin. Code	Wisconsin Administrative Code
SEA	Seattle–Tacoma International Airport	Wis. Stats.	Wisconsin Statutes
SEP	State Energy Plan	WRCSP	Water Resources Cost Share Program
SEU	Sustainable Energy Utility		
SFWMD	South Florida Water Management District		
SGCN	Species of greatest conservation need		
SHPO	State Historic Preservation Office (or Officer)		
SMRP	Sustainable Materials Recovery Program		
SNC	Sierra Nevada Conservancy		

APPENDIX A

Federal Requirements for Airport Improvement Program Grants

The following is the full text of AIP Grant Assurance No. 1. Grant Assurance No. 1 is a listing of federal requirements applied to airports as a result of accepting AIP grants. Many of these requirements apply to other federal assistance programs as well. The specific requirements in bold apply to airports through operation of provisions of Title 49 of the U.S. Code. Some, like the Davis–Bacon Act, may apply to other federal financial assistance programs, based on the terms of the statutes authorizing the programs. Specific requirements in italics are government-wide requirements implemented through regulations promulgated by individual federal agencies. In the case of FAA, the regulations are issued by the U.S. Department of Transportation

Sponsor Certification. The sponsor hereby assures and certifies, with respect to this grant that:

1. **General Federal Requirements.** It will comply with all applicable federal laws, regulations, executive orders, policies, guidelines, and requirements as they relate to the application, acceptance and use of Federal funds for this project including but not limited to the following:

Federal Legislation

- a. **Title 49, U.S.C., subtitle VII, as amended.**
- b. **Davis–Bacon Act—40 U.S.C. 276(a), et seq.**
- c. Federal Fair Labor Standards Act—29 U.S.C. 201, et seq.
- d. Hatch Act—5 U.S.C. 1501, et seq.
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 Title 42 U.S.C. 4601, et seq.
- f. National Historic Preservation Act of 1966—Section 106—16 U.S.C. 470(f).
- g. Archeological and Historic Preservation Act of 1974—16 U.S.C. 469 through 469c.1.
- h. Native Americans Grave Repatriation Act—25 U.S.C. Section 3001, et seq.
- i. Clean Air Act, P.L. 90-148, as amended.
- j. Coastal Zone Management Act, P.L. 93-205, as amended.
- k. Flood Disaster Protection Act of 1973—Section 102(a)—42 U.S.C. 4012a.1.
- l. Title 49, U.S.C., Section 303, [formerly known as Section 4(f)].
- m. Rehabilitation Act of 1973—29 U.S.C. 794.
- n. Civil Rights Act of 1964—Title VI—42 U.S.C. 2000d through d-4.
- o. Age Discrimination Act of 1975—42 U.S.C. 6101, et seq.
- p. American Indian Religious Freedom Act, P.L. 95-341, as amended.
- q. Architectural Barriers Act of 1968—42 U.S.C. 4151, et seq.
- r. Power Plant and Industrial Fuel Use Act of 1978—Section 403—2 U.S.C. 8373.
- s. Contract Work Hours and Safety Standards Act—40 U.S.C. 327, et seq.
- t. Copeland Anti kickback Act—18 U.S.C. 874.
- u. National Environmental Policy Act of 1969—42 U.S.C. 4321, et seq.
- v. Wild and Scenic Rivers Act, P.L. 90-542, as amended.
- w. Single Audit Act of 1984—31 U.S.C. 7501, et seq.
- x. Drug-Free Workplace Act of 1988—41 U.S.C. 702 through 706.

Executive Orders

- Executive Order 11246—Equal Employment Opportunity
- Executive Order 11990—Protection of Wetlands
- Executive Order 11988—Flood Plain Management
- Executive Order 12372—Intergovernmental Review of Federal Programs
- Executive Order 12699—Seismic Safety of Federal and Federally Assisted New Building Construction
- Executive Order 12898—Environmental Justice

Federal Regulations

- a. **14 CFR Part 13—Investigative and Enforcement Procedures**
- b. **14 CFR Part 16—Rules of Practice for Federally Assisted Airport Enforcement Proceedings**
- c. **14 CFR Part 150—Airport noise compatibility planning**
- d. 29 CFR Part 1—Procedures for predetermination of wage rates
- e. 29 CFR Part 3—Contractors and subcontractors on public building or public work financed in whole or part by loans or grants from the United States
- f. 29 CFR Part 5—Labor standards provisions applicable to contracts covering federally financed and assisted construction (also labor standards provisions applicable to non-construction contracts subject to the Contract Work Hours and Safety Standards Act)
- g. 41 CFR Part 60—Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (federal and federally assisted contracting requirements)
- h. 49 CFR Part 18—Uniform administrative requirements for grants and cooperative agreements to state and local governments
- i. 49 CFR Part 20—New restrictions on lobbying.
- j. 49 CFR Part 21—Nondiscrimination in federally-assisted programs of the Department of Transportation—effectuation of Title VI of the Civil Rights Act of 1964
- k. 49 CFR Part 23—Participation by Disadvantage Business Enterprise in Airport Concessions
- l. 49 CFR Part 24—Uniform relocation assistance and real property acquisition for Federal and federally assisted programs
- m. 49 CFR Part 26—Participation By Disadvantaged Business Enterprises in Department of Transportation Programs
- n. 49 CFR Part 27—Nondiscrimination on the basis of handicap in programs and activities receiving or benefiting from Federal financial assistance
- o. 49 CFR Part 29—Government wide debarment and suspension (non-procurement) and government wide requirements for drug-free workplace (grants)
- p. 49 CFR Part 30—Denial of public works contracts to suppliers of goods and services of countries that deny procurement market access to U.S. contractors
- q. 49 CFR Part 41—Seismic safety of Federal and federally assisted or regulated new building construction

Office of Management and Budget Circulars

- a. A-87—Cost Principles Applicable to Grants and Contracts with State and Local Governments
- b. A-133—Audits of States, Local Governments, and Non-Profit Organizations

Abbreviations used without definitions in TRB publications:

AAAE	American Association of Airport Executives
AASHO	American Association of State Highway Officials
AASHTO	American Association of State Highway and Transportation Officials
ACI-NA	Airports Council International-North America
ACRP	Airport Cooperative Research Program
ADA	Americans with Disabilities Act
APTA	American Public Transportation Association
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
ATA	Air Transport Association
ATA	American Trucking Associations
CTAA	Community Transportation Association of America
CTBSSP	Commercial Truck and Bus Safety Synthesis Program
DHS	Department of Homeland Security
DOE	Department of Energy
EPA	Environmental Protection Agency
FAA	Federal Aviation Administration
FHWA	Federal Highway Administration
FMCSA	Federal Motor Carrier Safety Administration
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
HMCRP	Hazardous Materials Cooperative Research Program
IEEE	Institute of Electrical and Electronics Engineers
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
ITE	Institute of Transportation Engineers
NASA	National Aeronautics and Space Administration
NASAO	National Association of State Aviation Officials
NCFRP	National Cooperative Freight Research Program
NCHRP	National Cooperative Highway Research Program
NHTSA	National Highway Traffic Safety Administration
NTSB	National Transportation Safety Board
PHMSA	Pipeline and Hazardous Materials Safety Administration
RITA	Research and Innovative Technology Administration
SAE	Society of Automotive Engineers
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (2005)
TCRP	Transit Cooperative Research Program
TEA-21	Transportation Equity Act for the 21st Century (1998)
TRB	Transportation Research Board
TSA	Transportation Security Administration
U.S.DOT	United States Department of Transportation