

## PROGRAM DESCRIPTION

**Department of Natural Resources**

**HB Section(s): 6.375**

**AWO - Environmental Restoration**

**Program is found in the following core budget(s): Environmental Restoration**

### **1a. What strategic priority does this program address?**

Environmental Restoration efforts help Missouri citizens thrive by managing natural resources to promote a healthy environment and economy by:

- Promoting environmental responsibility and resource stewardship.
- Enhancing services, information, and communication to improve customer experience.
- Supporting outdoor recreation and economic development.
- Modernizing infrastructure, strengthening workforce, and supporting economic development.
- Improving internal processes to better serve our customers.

### **1b. What does this program do?**

Violations of environmental laws can have a long-lasting effect on the state's natural resources and affect the quality of life of its citizens. Federal and state laws authorize the Department to recover damages from parties who cause injuries to natural resources. Recovered funds are then available to help replace or restore injured resources, provide improvements to offset the damage, or provide background data to help measure or mitigate similar future actions that may injure the environment.

Department staff work to determine the impacts of releases of pollutants and hazardous substances on the environment. Staff conduct natural resource damage (NRD) assessments at sites to determine the nature and extent of the impact of the release(s), seek monetary damages to compensate the public for injured or lost natural resources when appropriate, and implement on-the-ground restoration projects for injured natural resources in Missouri. Currently, there are ongoing restoration efforts in the Southeast, Southwest, and Kansas City areas of Missouri. These projects will continue for a number of years with recovered funds.

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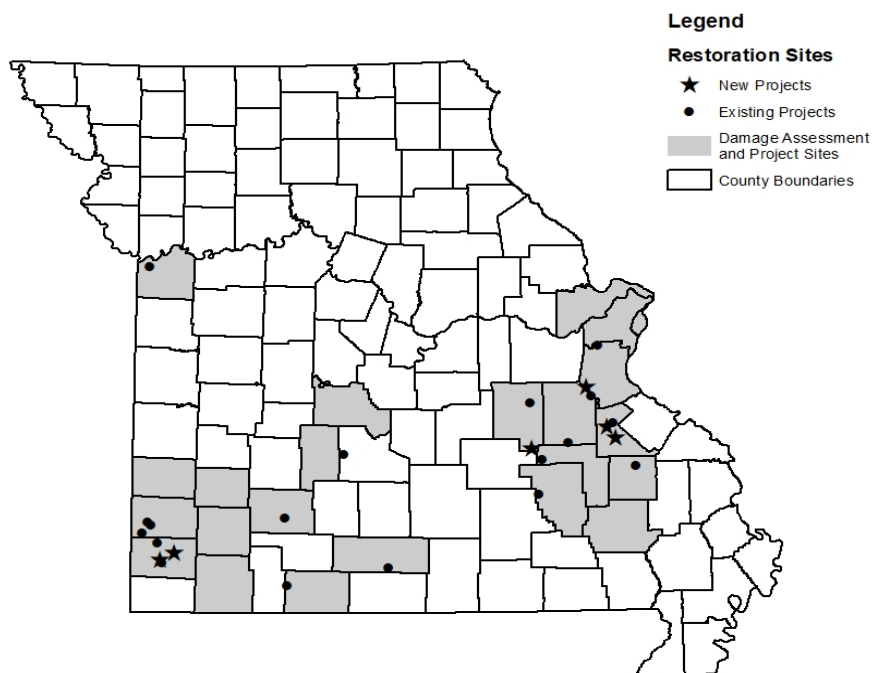
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**2a. Provide an activity measure(s) for the program.**

### 2020 Environmental Restoration Sites & Projects Administered by the Department



#### Natural Resources Restoration

Staff conduct natural resource damage site assessments and screenings to determine the need for restoration activities.

The Department, along with its Federal co-trustees, fund projects to restore and protect remediated mine lands, restore and stabilize stream banks, and fund local municipal restoration projects.

#### Southwest Missouri Projects

- ★ Projects Targeted for FY 2022
  - Shoal Creek/Spring River Projects
  - Neosho Lime Kiln Dam Passage
- Ongoing NRD Funded Restoration Projects Including:
  - Webb City
  - Missouri Prairie Foundation

#### Southeast Missouri Projects

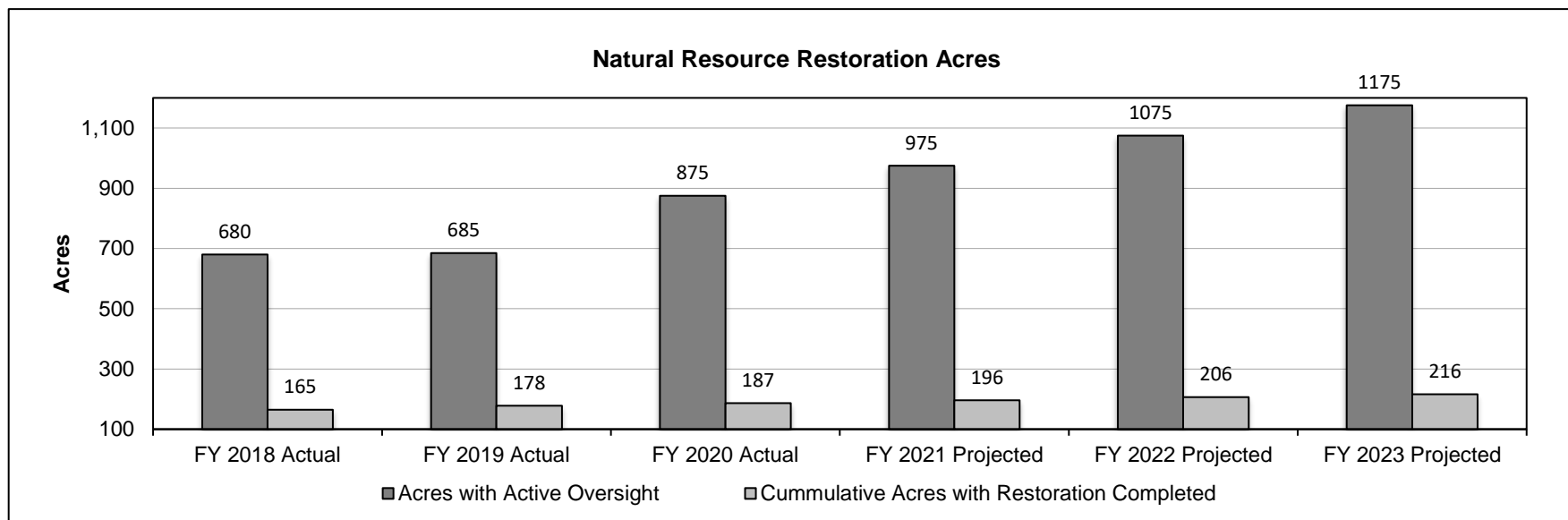
- ★ Projects Targeted for FY 2022
  - St. Francois County Bonehole Park
  - Soil And Water Big River Well Closures
  - Big River Restoration - Calico Creek
  - Viburnum Trend Stream Restoration
- Ongoing NRD Funded Restoration Projects Including:
  - Big River Ecosystem Restoration
  - Madison County Restoration

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**2b. Provide a measure(s) of the program's quality.**



Base Goal = 5% Annual Increase in Acres Restored

Stretch Goal = 10% Annual Increase in Acres Restored

Acres with active oversight and acres with active restoration completed will gradually increase over time as restoration projects are identified and initiated. Projects with active oversight will then begin to level out and decrease over time.

The Department and the Trustees fund on-site and compensatory projects to benefit habitat and allow for use of the restoration project areas. Projects include Webb City mine land restoration, prairie restoration, and soil and water stream bank stabilization projects. The goal of restoration projects is to compensate the public for the loss of natural resources.

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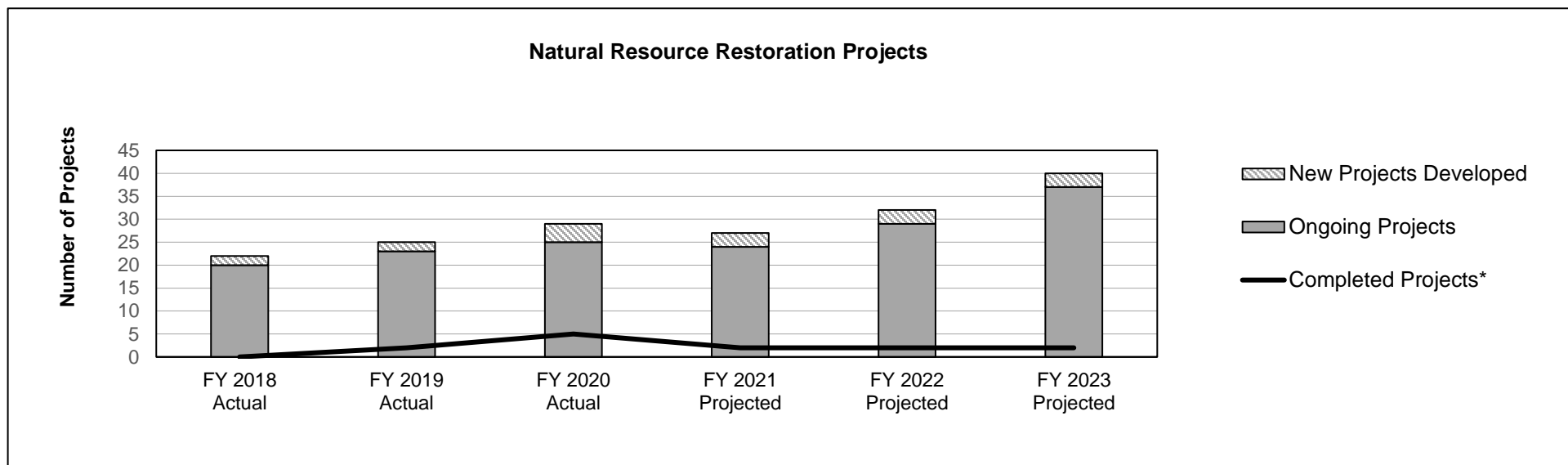
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**2c. Provide a measure(s) of the program's impact.**

The Department funds “on the ground” long-term projects to benefit aquatic and terrestrial habitat, groundwater and surface water, and conducts assessment and restoration activities with natural resource damage monies - examples include:

- Develop a Restoration and Compensation Determination Plan (RCDP) in Southwest and Southeast Missouri to assess natural resource damages.
- Develop and implement projects for the Missouri Statewide Groundwater Restoration Plan to address injuries to the state’s groundwater.
- Conduct assessment activities on lands and streams in the Old Lead Belt to determine the levels of metals and possible injury to aquatic and terrestrial life.
- Issue requests for proposals (RFPs), award funds, and implement natural resource habitat restoration projects in Southwest and Southeast Missouri.
- Provide funds and oversight for stream bank stabilization and stream restoration practices in Southeast and Southwest Missouri.



\* Restoration projects may span multiple years from initial funding to completion due to complexity and size.

Annual Base Goal = Complete one project

Annual Stretch Goal = Complete two projects

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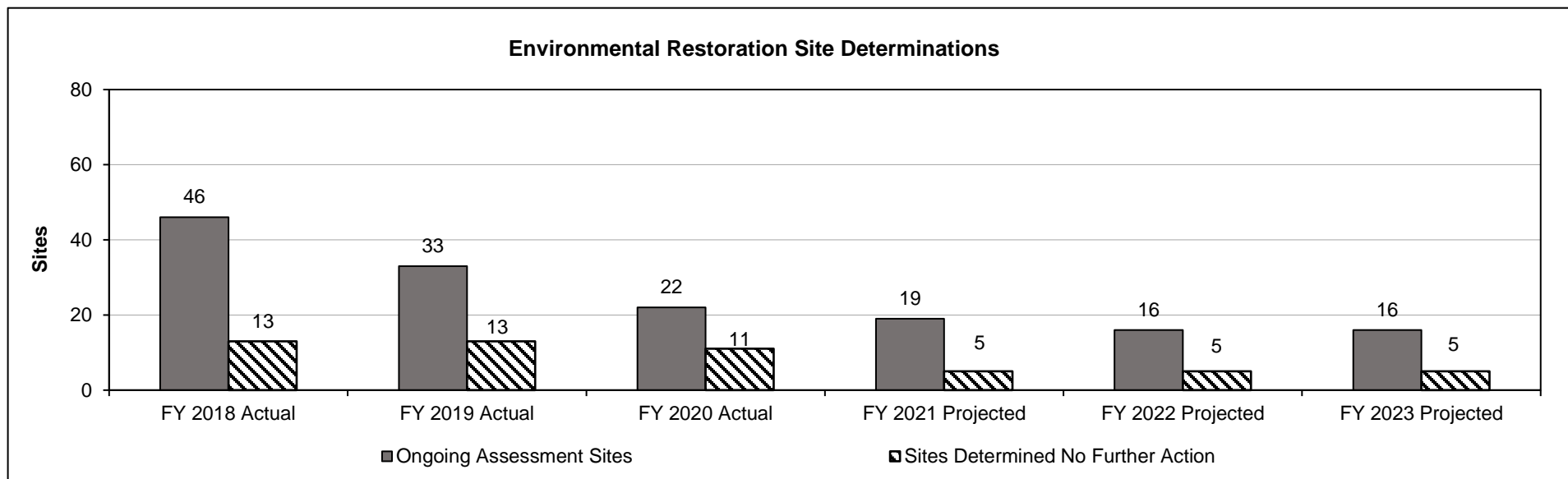
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**2d. Provide a measure(s) of the program's efficiency.**



The chart represents the number of sites pending complete NRD assessments or actions and the number of sites that have been assessed and screened out with no further action required. The number of legacy sites is being reduced annually and new sites will be screened or added as appropriate.

Base Goal = 4 Sites Determined No Further Action

Stretch Goal = 5 Sites Determined No Further Action

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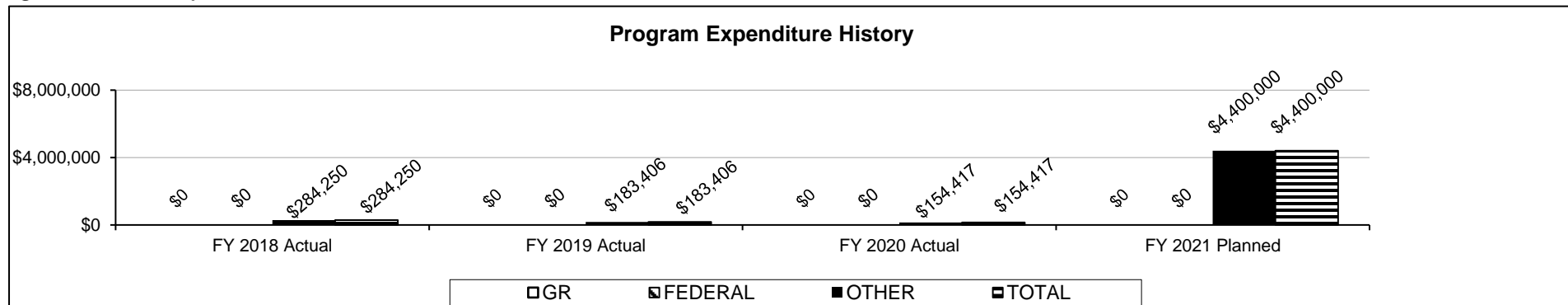
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**3. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year. (Note: Amounts do not include fringe benefit costs.)**



This budget does not contain General Revenue.

Unknown settlements and level of work required each year may trigger a lapse of appropriation authority in any given year. In recent years, the Department has focused staff time on developing restoration plans for public comment and identifying restoration projects. Restoration project expenditures are anticipated to continue on existing projects as well as additional projects as they are identified. FY 2021 Planned is shown at full appropriation.

**4. What are the sources of the "Other " funds?**

Natural Resources Protection Fund – Damages Subaccount (0555); Natural Resources Protection Fund – Water Pollution Permit Fee Subaccount (0568)

**5. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)**

RSMo 640.235	Natural Resources Protection Fund Damages
Title 42, USC part 9607(f)	Comprehensive Environmental Response, Compensation, and Liability Act of 1980, Public Law 96-510, as amended
	Oil Pollution Act of 1990
RSMo Chapters 640 and 644	Missouri Clean Water Law
RSMo Chapter 640	Missouri Safe Drinking Water Law
RSMo 260.350 through 260.434	Hazardous Waste Facility Permits – Permitting, Inspection and Enforcement
RSMo 260.435 through 260.480	Abandoned or Uncontrolled Sites (Registry)
RSMo 643.010 through 643.192	Air Pollution Control
RSMo 260.200 through 260.255	Solid Waste Management

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**6. Are there federal matching requirements? If yes, please explain.**

No

**7. Is this a federally mandated program? If yes, please explain.**

There is no federal mandate; however, environmental restoration activities are conducted under both state and federal authorizations as indicated in section 5.