

Section 2. 2008 Project Field Evaluations

This section summarizes the 2008 field evaluations. Individual project evaluations for 2008 can be found in Section 3.

2.1 Introduction

As of December 31, 2008, DEQ oversaw 70 projects in Idaho (Figure 1), including 22 projects that were closed out. Thirty projects were evaluated in 2008 (Figure 2).

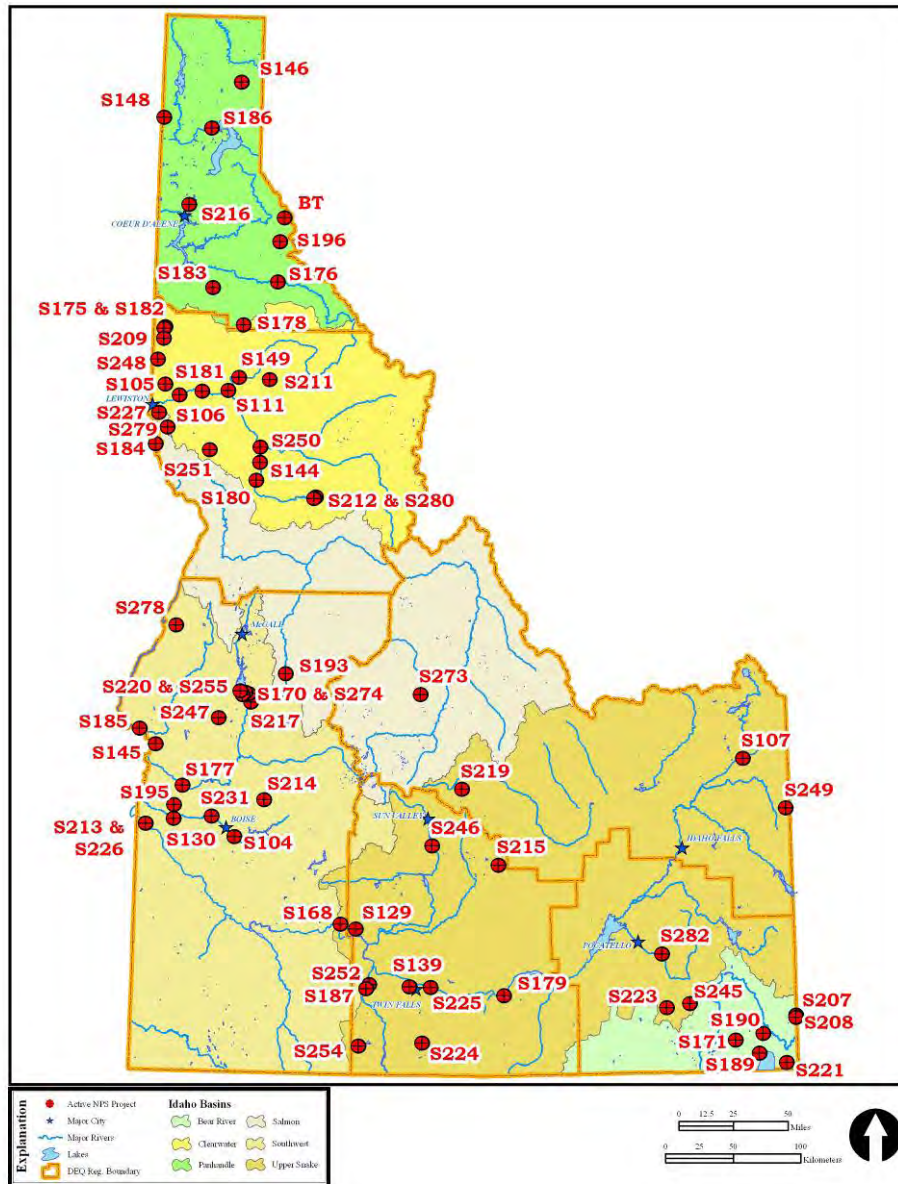


Figure 1. Current active or recently closed Nonpoint Source projects, as of December 31, 2008.

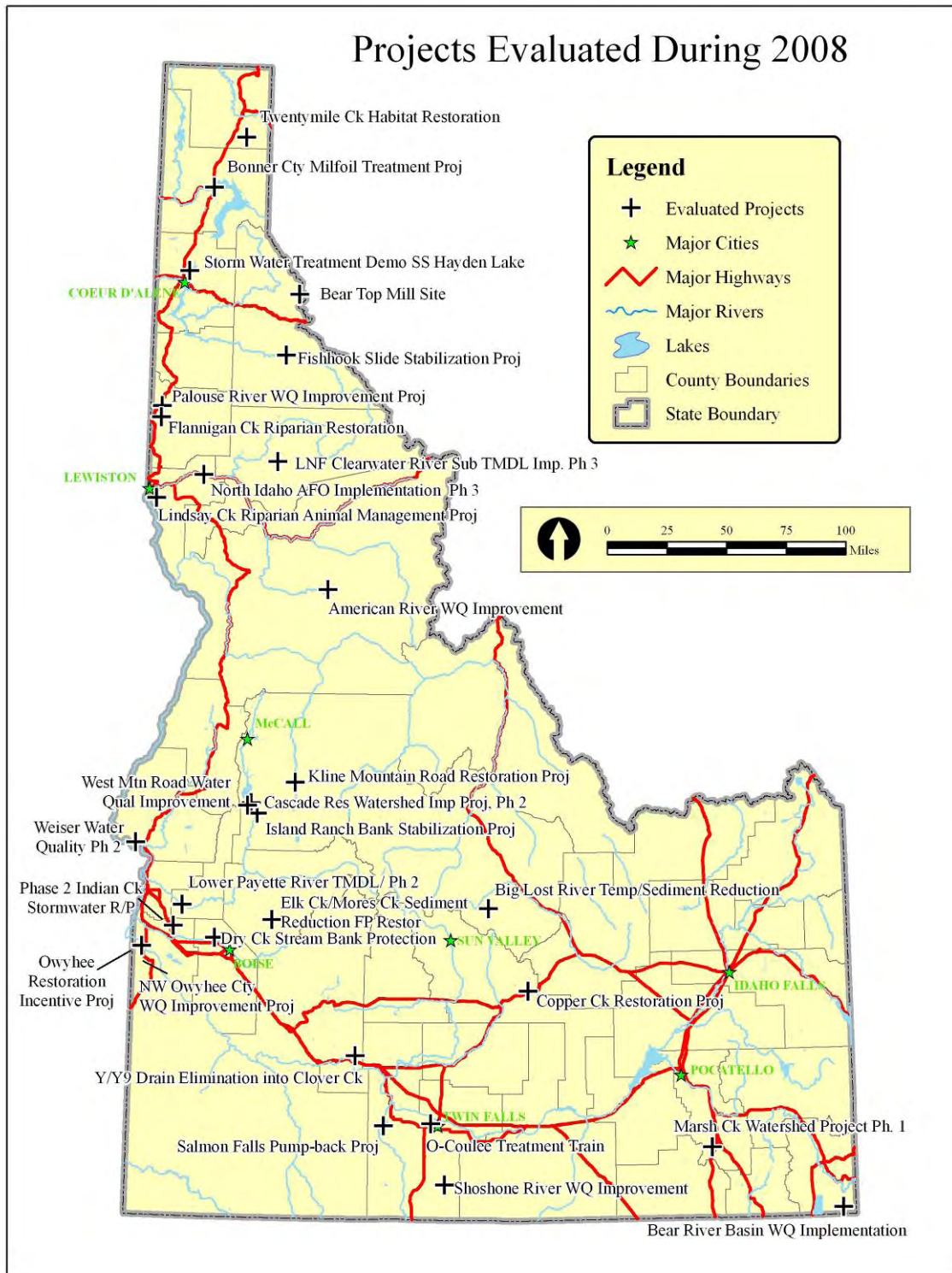


Figure 2. Locations of nonpoint source projects evaluated during 2008.

2.2 Field Evaluation Process

For each evaluation, program staff carefully review the project's subgrant agreement and accompany the project manager, DEQ regional office staff, and any stakeholders to the field. In all cases, a standard evaluation form is used as a guide to assure that NPS requirements are being met for each project.

2.3 Results

Table 2 lists and briefly describes all the active and recently completed NPS projects that were field-evaluated during the summer and fall of 2008. Figure 3 illustrates how much time each project has been underway, in comparison to the overall project schedule, and Figure 4 shows total expenses, through December 31, for each project in comparison to the subgrant amount.

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Table 2. Active or recently completed nonpoint source projects field-evaluated during 2008.

No.	Subgrant Number	Project Name	Comments	Category	DEQ Region
1)	Internal	Beartop Mill Site	The project reduces sediment and trace metal pollution from former mining sites.	Mining	Coeur d'Alene
2)	S139	O Coulee Treatment Train	The project removes pollutants to benefit recreation and wildlife. O Coulee discharges to Rock Creek.	Agriculture	Twin Falls
3)	S146	Twentymile Creek Habitat Restoration	The project includes stream channel stabilization structures and a bridge to reconnect salmonid spawning habitat and improve habitat for bull trout.	Forest	Coeur d'Alene
4)	S168	Y and Y9 Drain Elimination	The project eliminates irrigation return flow into Clover Creek. Using return flow to irrigate crops removes 72.66 tons of sediment and 964 pounds of phosphorus per year.	Agriculture	Twin Falls
5)	S170	Cascade Reservoir Watershed Phase 2	The project addresses issues with dissolved oxygen, nutrients, and pH. A 37% total phosphorus reduction is needed to improve water quality in Cascade Reservoir.	Agriculture	Boise
6)	S175	Palouse River Water Quality Improvement Project	The project focuses on implementation of BMPs in riparian restoration, agriculture/rangelands/pasturelands, and rural roads.	Agriculture	Lewiston
7)	S176	Fishhook Slide Stabilization Project	The project reduces sediment loadings to a tributary to the St. Joe River.	Transportation	Coeur d'Alene
8)	S177	Lower Payette River TMDL Implementation Phase 2	The project reduces bacteria (<i>E.coli</i>), phosphorus, sediment, and pesticides to help meet Lower Payette TMDL Implementation Plan goals of decreasing nonpoint pollutants by 30%.	Agriculture	Boise
9)	S181	North Idaho AFO Implementation, Phase 3	The project improves water quality on Section 303(d)-listed water bodies and other locally prioritized segments and tributaries contributing loads to the Clearwater, Palouse, Salmon, and Snake Rivers.	Agriculture	Lewiston
10)	S185	Weiser Water Quality Protection Project, Phase 2	The project reduces nitrate fertilizer application rates to levels consistent with state guidance.	Agriculture	Boise
11)	S186	Bonner County Milfoil Treatment	The project demonstrates effectiveness of non-chemical control of Eurasian milfoil.	Transportation	Coeur d'Alene
12)	S187	Salmon Falls Pump-back Project	This project implements BMPs in the Salmon Falls Creek drainage and the Snake River and has the potential to benefit threatened and endangered snails.	Agriculture	Twin Falls
13)	S193	Kline Mtn Road Restoration	The project improves water quality and fisheries habitat by reducing sediment delivery while providing for public safety and continued access to a high-use recreational area.	Transportation	Boise
14)	S195	Indian Creek Storm water Phase 2	The project applies low impact development (LID) concepts over a 1,600-foot section of Indian Creek in downtown Caldwell.	Storm water	Boise
15)	S209	Flannigan Creek Riparian Restoration	The project reduces erosion by stabilizing 1,500 feet of stream bank to reduce sediment loading to the Palouse River.	Agriculture	Lewiston
16)	S211	Lower NF Clearwater River TMDL Phase 3	The project implements BMPs in the Reeds Creek subwatershed. Pollutant loading reductions are aimed at restoring full support status to designated beneficial uses.	Forest	Lewiston
17)	S212	American River Water Quality Improvement	The project reduces NPS loading for American River, Big Elk Creek, and Little Elk Creek, using unemployed mill workers and regional contractors to address TMDL issues in headwaters of the South Fork Clearwater River.	Agriculture	Lewiston

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No.	Subgrant Number	Project Name	Comments	Category	DEQ Region
18)	S213	Owyhee Restoration Incentive	The project provides technical and financial assistance to landowners in the Middle Owyhee, Upper Owyhee, Mid-Snake Succor, and Jordan Subbasins to implement restoration projects, demonstrate solutions to water quality concerns, promote coordination between organizations/agencies, and promote BMPs to address water quality concerns.	Agriculture	Boise
19)	S214	Elk Creek Mores Creek Sediment Reduction	The project restores natural processes within the Mores Creek watershed.	Mining	Boise
20)	S215	Copper Creek Restoration Project	The project improves water quality, establishes perennial flow, and improves habitat conditions on a 3-mile segment of Copper Creek at Lava Lake Ranch.	Agriculture	Twin Falls
21)	S216	Storm Water Treatment Demo Hayden Lake	The project pilot-tests technology to treat storm water runoff for sediment and nutrients, specifically phosphorous. With the information gained, the scope of a project necessary to remove phosphorous will be developed.	Storm water	Coeur d'Alene
22)	S217	Island Ranch Bank Stabilization	The project reduces sediment loading due to bank erosion.	Agriculture	Boise
23)	S219	Big Lost River Temperature and Sediment	The project reduces sediment and thermal inputs and stabilizes banks in and along the East Fork of the Big Lost River.	Agriculture	Idaho Falls
24)	S220	West Mountain Road Improvement Project	The project eliminates infiltration of phosphorus, sediment, and other pollutants to Cascade Reservoir from native road surfaces.	Transportation	Boise
25)	S221	Bear River Basin Water Quality Improvement	The project improves riparian habitat and reduces sediment and nutrient loading to impaired tributaries of the Bear River.	Agriculture	Pocatello
26)	S223	Marsh Creek Watershed Project Phase 1	The project eliminates runoff from animal feeding operations and improves riparian habitat and grazing management in the watershed.	Agriculture	Pocatello
27)	S224	Shoshone Water Quality Improvement Project	The project reduces cattle encroachment on Shoshone Creek and Hopper Gulch and protects water quality by routing water from Whirl Spring to 22 watering troughs.	Agriculture	Twin Falls
28)	S226	Northwest Owyhee County Water Quality Improvement Project	The project implements nutrient and irrigation water management to control nutrient concentrations within crop root zones and avoid nutrient leaching, specifically nitrates, into culinary water supplies.	Agriculture	Boise
29)	S227	Lindsay Creek Riparian Animal Management Project	The project helps ensure safe water for secondary contact recreational uses and adequate support for coldwater aquatic life.	Agriculture	Lewiston
30)	S231	Dry Creek Stream Bank Protection, Patterson Property	The project reduces erosion and sediment delivery to Dry Creek.	Agriculture	Boise

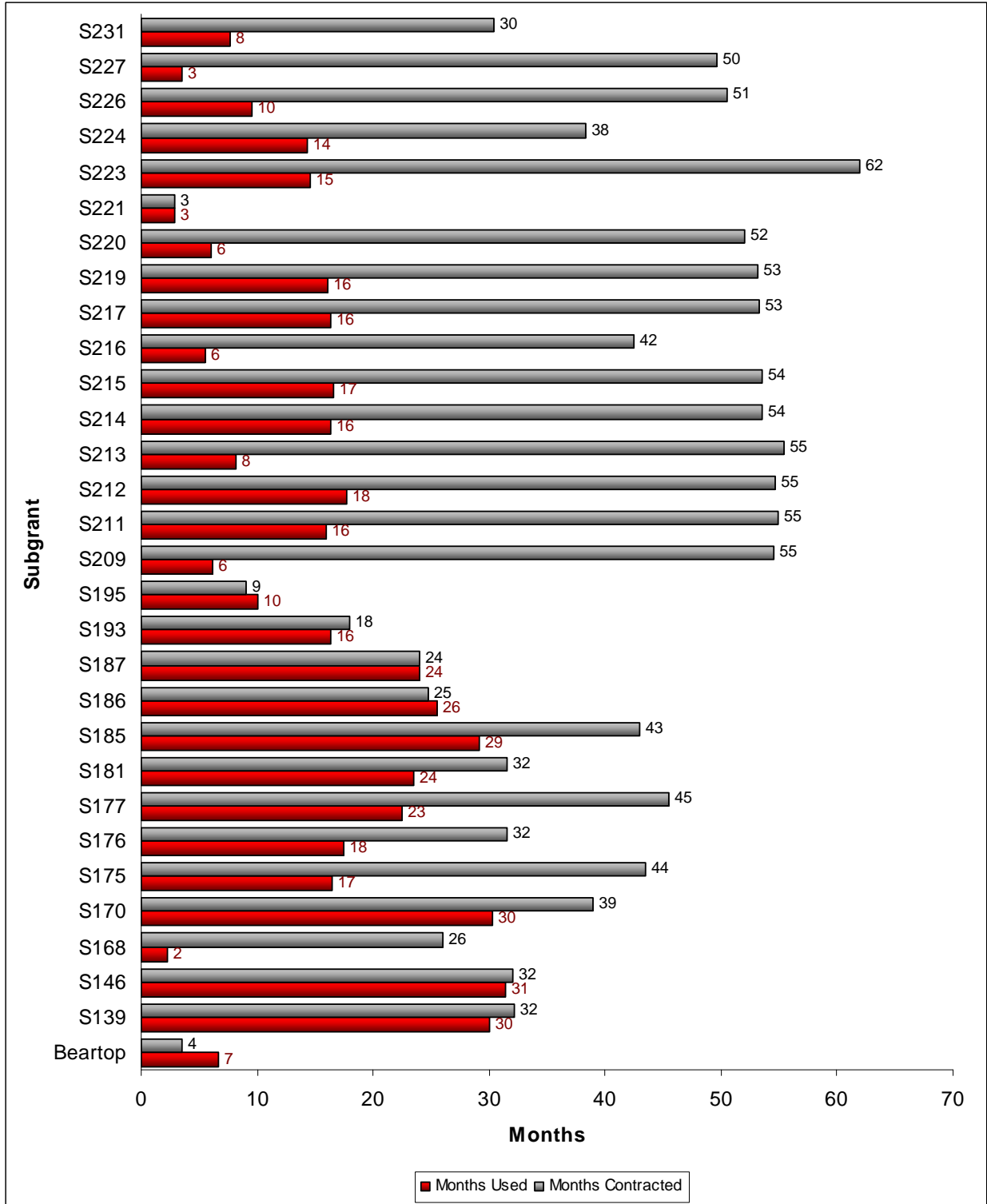


Figure 3. Schedule usage by evaluated project. The gray bars show the number of months contracted for each project, and the red bars show the number of months the project has been underway.

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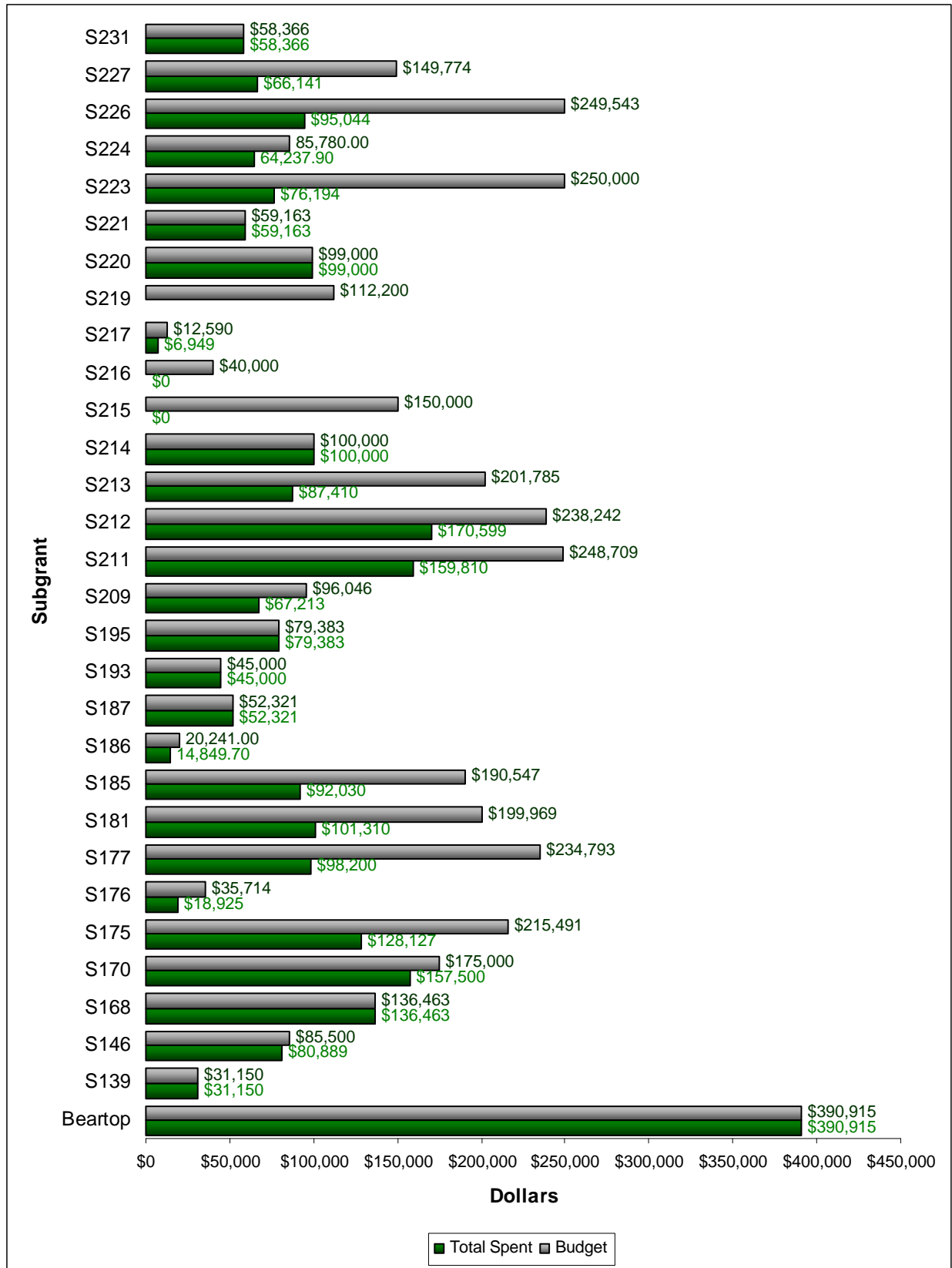


Figure 4. Budget usage by evaluated projects. The gray bars show the total budget available for each project, and the green bars show total expenditures through December 31.