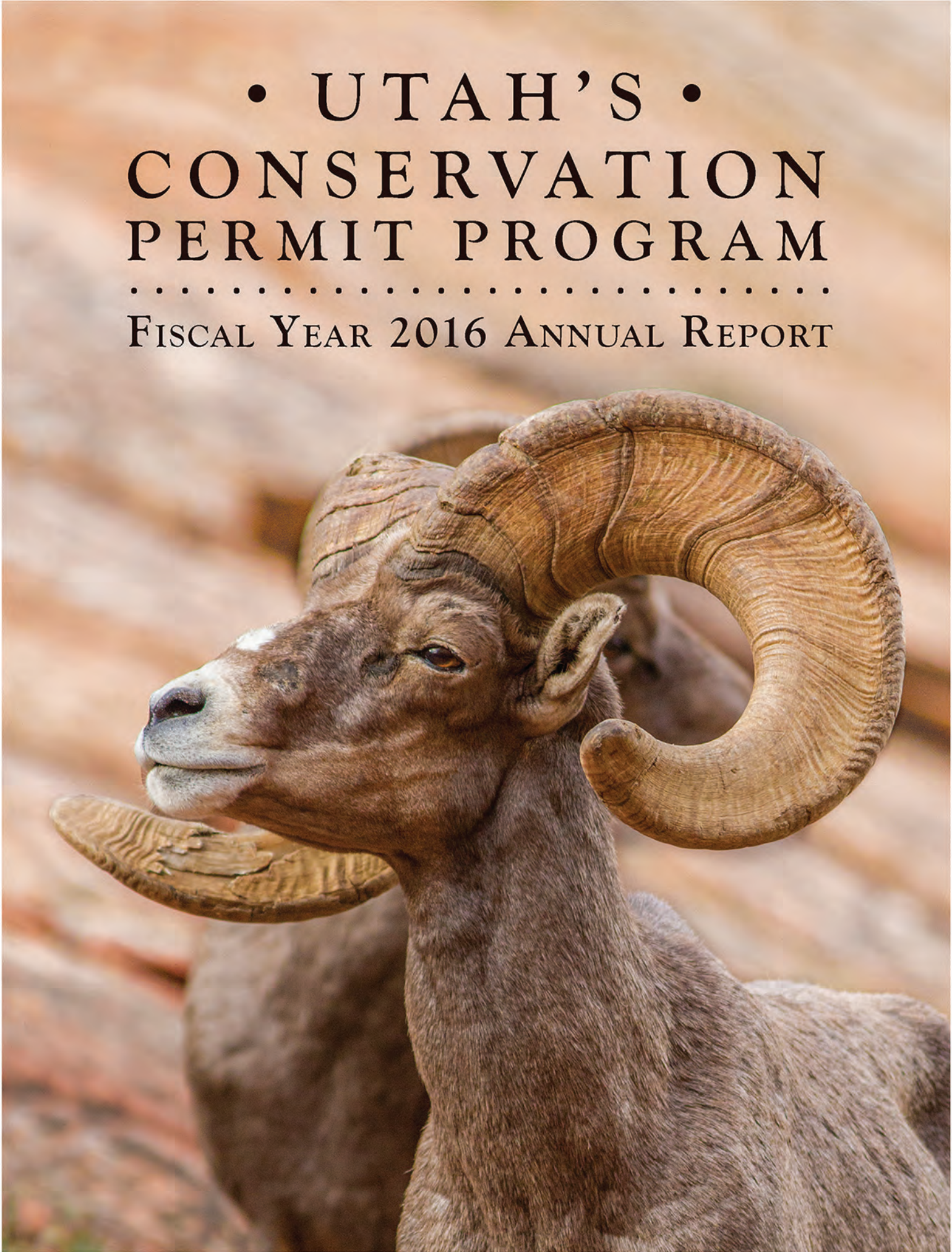


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CONSERVATION
PERMIT PROGRAM
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FISCAL YEAR 2016 ANNUAL REPORT



Utah's Conservation Permit Program Fiscal Year 2016 Annual Report

Utah's Conservation Permit Program provides benefits to all Utah hunters. What started in the early 1980s as a creative approach to raise needed funds for wildlife conservation has blossomed into a well-regulated program that raises millions of dollars each year. Those dollars are then invested back into wildlife conservation. This novel approach to funding conservation has allowed the Utah Division of Wildlife Resources (DWR) to seize opportunities, grow the state's wildlife populations and improve wildlife management.

Origins of Utah's Conservation Permit Program

Historical accounts and archeological evidence indicate that bighorn sheep were once abundant across much of Utah, but in the early 1980s, many of Utah's bighorn sheep populations were struggling or had altogether disappeared. There was a very limited distribution of desert bighorn across southern Utah. Biologists observed large tracts of unoccupied desert bighorn sheep habitat and, at the same time, became concerned about the many desert bighorn concentrated in Canyonlands National Park. Wildlife managers recognized that the high bighorn densities in Canyonlands were not sustainable. Those excess bighorn presented wildlife managers with both an opportunity and a dilemma.



The excess bighorn in Canyonlands provided an opportunity to establish new populations and augment other struggling herds, but how could a large-scale, expensive translocation project fit within the tight constraints of the DWR's budget? Wildlife managers assessed their options and came up with the creative idea of using conservation permits to raise the needed funds. This strategy would allow generous sportsmen and women to help cover the costs of conserving, transplanting and managing this highly sought-after species.

The conservation permit strategy was effective, and over several years, the DWR used the proceeds of auctioned desert bighorn sheep conservation permits to fund a successful translocation program. That program led to the establishment and/or supplementation of new desert bighorn sheep herds in the San Rafael-North, San Rafael-South, Arches National Park, Henry Mountains, Capitol Reef National Park, Kaiparowitz-East and Kaiparowitz-Escalante desert bighorn units.



The early success of the conservation permit program led to its expansion. The program now includes and benefits the following species: bear, bighorn sheep (desert and Rocky Mountain), bison, cougar, deer, elk, moose, mountain goats, pronghorn and turkey.

How the program works

Conservation permits represent only a small percentage of total permits issued, but they can produce big results. The program is regulated by Administrative Rule R-657-41, which limits conservation permits to approximately five percent of the number of permits issued to the public and allows a maximum of eight conservation permits per hunt. After the Utah Wildlife Board approves specific permits and numbers, the DWR partners with wildlife conservation organizations to sell the permits. Conservation organizations that currently participate in the program include Mule Deer Foundation (MDF), National Wild Turkey Federation (NWTf), Rocky Mountain Elk Foundation (RMEF), Safari Club International (SCI), Sportsmen for Fish and Wildlife (SFW), Utah Bowmen's Association (UBA) and Utah Foundation for North American Wild Sheep (Utah FNAWS).

The conservation organizations market, promote and auction the permits. These auctions typically coincide with chapter banquets, expos or other fundraising events. The goal is to maximize revenue to fund wildlife conservation activities. After the auction, the conservation organization returns 30 percent of the money raised directly to the DWR. The conservation organizations may keep up to 10 percent of the proceeds to cover administrative costs, and the remaining 60 percent is held by the conservation organizations for a short time as they work cooperatively with the DWR to choose approved conservation projects to fund. As a result, sportsmen and women are able to identify and prioritize projects that matter to them and then direct conservation permit funding to those projects. It gives conservation-minded hunters a strong voice and encourages cooperation and collaboration between the DWR and participating organizations.



Seizing opportunities

The funds raised through the Conservation Permit Program are reinvested back into Utah's wildlife. Conservation projects are wide ranging and provide diverse benefits. With these projects, wildlife managers can establish new populations, augment existing populations, improve wildlife habitat, monitor for disease and conduct essential research. The program provides resources and tools that let wildlife biologists and sportsmen dream big and make big things happen.

Having a source of funding available to wildlife managers in a timely manner can make all the difference when it comes to managing wildlife. Wildlife and their habitats are dynamic, and changes can happen rapidly. The desert bighorn sheep source population in Canyonlands National Park experienced a die-off shortly after the translocations in the 1980s occurred. Had wildlife managers been forced to pursue traditional funding, which is typically limited in availability and takes much longer to obtain, that

opportunity might have been lost. Whether it is capturing source animals when they are abundant, or striking while the iron (or ground) is hot to get a wildfire reseeded, timing is essential in effective wildlife management. Utah's Conservation Permit Program allows wildlife managers to adapt to challenges and allocate resources where and when they are needed.

Improving wildlife management

Having adequate funding is often a source of concern and a limitation for fish and wildlife agencies. While many western states struggle with increasingly stretched budgets, Utah leads the way with habitat work, wildlife transplants, wildlife research and monitoring.

Recently, hunters became increasingly concerned about the numbers and distribution of elk on the Wasatch unit. The Wasatch is one of Utah's largest elk units and provides opportunity to thousands of hunters and elk enthusiasts each year. To answer pressing questions and find creative solutions, the DWR was able to use conservation permit funding to initiate the largest GPS collar elk study ever conducted in Utah. During FY 2015 and FY 2016, DWR biologists and university researchers placed 325 GPS collars on elk on the Wasatch. These collars provide biologists and researchers with an exact location twice a day via satellite. Wildlife managers and hunters are gaining new understandings of elk movements and how they relate to habitat, roads, hunting pressure and land ownership. After assessing some of the early results, the DWR has already made changes to hunting strategies and targeted specific areas for habitat improvement. Wildlife managers are focused on addressing elk-distribution concerns and improving management of the Wasatch herd.



Conservation permit funds have also enabled the DWR to begin radio and GPS collar studies to assess mule deer survival across the state. These studies have provided the best survival and population information on mule deer that Utah has ever had. Utah’s biologists are able to conduct regular aerial surveys to count elk, bison, pronghorn, bighorn sheep and mountain goats. Conservation permits have also contributed to the ongoing monitoring of black bear and cougar survival, disease monitoring and other components of wildlife management. In FY 2016, conservation permit sales funded the capture of more than 1,200 big game animals as part of translocations, research, monitoring and disease-testing activities (see Table 1). This work would not have been possible without the money generated through the Conservation Permit Program.

Table 1. Big game animals captured and/or transplanted using conservation permit funds in FY 2016.

| Species | No. Animals | Unit | Purpose |
|----------------------------|--------------------|-------------------|--|
| Bighorn sheep | 16 | Zion | Disease profile and monitoring |
| | 18 | San Juan | Disease profile and monitoring |
| | 19 | Dirty Devil | Disease profile and monitoring |
| | 21 | Stansbury | Disease profile and monitoring |
| | 7 | Avintaquin | Disease profile and monitoring |
| | 12 | Zion | Translocated to Pine Valley |
| | 49 | Antelope Island | Translocated to Oak Creek |
| Total bighorn sheep | 142 | | |
| Mountain goats | 21 | Willard Peak | Translocated to Mt. Dutton |
| Bison | 15 | Book Cliffs | Disease testing |
| Elk | 189 | Wasatch | Collared for movement study |
| | 10 | Southwest Desert | Collared for movement study |
| | 10 | Panguitch Lake | Collared for movement study |
| | 10 | Beaver | Collared for movement study |
| | 6 | San Juan | Collared for movement study |
| | 34 | Park City | Translocated to other portions of the unit |
| Total elk | 259 | | |
| Deer | 83 | Pine Valley | Deer survival study |
| | 81 | Wasatch/Manti | Deer survival study |
| | 70 | Oquirrh-Stansbury | Deer survival study |
| | 81 | Cache | Deer survival study |
| | 54 | South Slope | Deer survival study |
| | 87 | San Juan | Deer survival study |
| | 70 | Monroe | Deer survival study |
| | 22 | Vernon | Migration study |
| | 94 | Bountiful | Translocated to Big Wash (Anthro) |

| | | | |
|-------------------|------------|-----------|--------------------------------------|
| | 93 | Bountiful | Translocated to Raft River Mountains |
| | 69 | Bountiful | Translocated to Southeast Manti |
| | 2 | Bountiful | Translocated to East Canyon WMA |
| | 32 | Herriman | Translocated to Southeast Manti |
| | 1 | Herriman | Translocated to East Canyon WMA |
| Total deer | 839 | | |

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| Total animals | 1,276 |
|----------------------|--------------|

Program results in 2016

In 2016, the Utah Wildlife Board approved 314 conservation permits (see Table 2). This represents less than five percent of the total number of permits issued for these hunts. These permits were auctioned by conservation organizations and raised more than \$3.9 million dollars. In contrast, if these permits had just been sold at current resident permit prices they would have raised only \$53,075. Since 2001, conservation permits have generated more than \$40.7 million dollars (see Appendix 2). The true value of conservation permit dollars often exceeds the balance listed on paper. The DWR frequently uses these dollars to serve as matching funds for grants and other funding mechanisms that result in much larger amounts being awarded and spent in Utah. For example, in projects permitted by the Pittman-Robertson Act, every dollar generated by the Conservation Permit Program can be matched by three dollars in federal aid. In FY 2016, conservation organizations spent more than \$1.2 million on approved wildlife conservation projects (see Appendix 1), and conservation organizations have already pledged more than \$2.17 million for wildlife projects in FY 2017.

Table 2. Utah Conservation Permits authorized in 2016.

| Permit Type | Number |
|------------------------------|------------|
| Antlerless elk | 19 |
| Bear | 29 |
| Bison | 5 |
| Buck deer | 47 |
| Bull elk | 107 |
| Bull moose | 3 |
| Cougar | 11 |
| Desert bighorn sheep | 6 |
| Mountain goat | 6 |
| Pronghorn | 37 |
| Rocky Mountain bighorn sheep | 5 |
| Wild turkey | 39 |
| Total Permits | 314 |

Program oversight

The DWR understands the value of Utah’s wildlife resources and takes many steps to ensure the Conservation Permit Program is transparent, complies with administrative rule and uses funds effectively for wildlife conservation purposes. In addition to an annual report, the DWR conducts an audit of the Conservation Permit Program each year. Both the annual report and the results of the audit are presented in a public meeting to the Utah Wildlife Board. Additionally, specific information about all funded conservation projects — including project details, budgets, wildlife benefits and summary reports — is available online at <https://wri.utah.gov/wri/>.

Successful wildlife conservation

In FY 2016, Utah’s Conservation Permit Program raised millions of dollars that were directed back into productive and meaningful wildlife conservation projects. These projects help the DWR better fulfill its mission of serving as trustees and guardians of the state’s wildlife. The program has a track record of success and creates unique opportunities for sportsmen and women to work with the DWR in expanding wildlife populations and conserving wildlife habitat. As a result of this program, Utahns have more wildlife species to enjoy, and hunters have a greater diversity of hunting opportunities. Translocations and population growth have also ensured the availability of more hunting permits. The DWR believes that wildlife is valuable to everyone, and the Conservation Permit Program protects and improves wildlife and wildlife habitats for all to enjoy.



Appendix 1.

FY16 Wildlife Conservation Permit Fund Expenditures by Project and Organization

| WRI Project ID | Project Title | Amount Spent | Organization |
|-----------------------|--|---------------------|---------------------|
| 3154 | Book Cliffs Gobbler Guzzler Project | \$ 1,965.20 | FNAWS |
| 3292 | Desert Bighorn Sheep Habitat Improvement Phase 1 | \$ 27,688.86 | FNAWS |
| 3307 | Beef Basin Phase II | \$ 4,881.80 | FNAWS |
| 3308 | Dark Canyon Plateau Phase III | \$ 2,036.61 | FNAWS |
| 3322 | Daggett County Guzzlers | \$ 6,574.90 | FNAWS |
| 3502 | FY16 Bighorn Sheep Captures | \$ 23,359.82 | FNAWS |
| 3503 | FY16 Mountain Goat Captures | \$ 4,378.68 | FNAWS |
| 3516 | Bighorn Sheep and Mountain Goat Biologist III | \$ 13,844.04 | FNAWS |
| 3536 | Uinta Bighorn Sheep Capture FY 16 | \$ 841.25 | FNAWS |
| 3173 | Antimony Phase 5 | \$ 2,500.00 | MDF |
| 3233 | Beaver Creek Thinning Phase 1 | \$ 1,500.00 | MDF |
| 3307 | Beef Basin Phase II | \$ 7,319.50 | MDF |
| 3315 | Big Wash Masticaton II | \$ 5,000.00 | MDF |
| 3241 | Book Cliffs Divide Ridge Water Improvements | \$ 2,500.00 | MDF |
| 3311 | Browns Park Lop and Scatter | \$ 10,000.00 | MDF |
| 3294 | Burnt Timber Bullhog | \$ 2,500.00 | MDF |
| 3427 | Cedar Groves Lop and Scatter Project Phase II | \$ 24.00 | MDF |
| 3331 | Chipeta Canyon Guzzler | \$ 1,962.07 | MDF |
| 3281 | Coal Hollow, Kane County - Phase II | \$ 2,089.72 | MDF |
| 3326 | Cold Springs WMA Conifer Removal/Aspen Phase IV | \$ 86.15 | MDF |
| 3267 | Cottonwood Ridge PJ Removal | \$ 2,500.00 | MDF |
| 3298 | CRO WMA Maintenance FY-16 | \$ 2,055.00 | MDF |
| 3308 | Dark Canyon Plateau Phase III | \$ 2,036.61 | MDF |
| 3504 | Deer Fawn/Adult Survival FY16 | \$ 30,000.00 | MDF |
| 3407 | East Fork Eight Mile Lop and Scatter/Water Development Project Phase I | \$ 2,894.49 | MDF |
| 3501 | Effects of Habitat Treatments on Mule Deer | \$ 10,193.41 | MDF |
| 3344 | FFO Furner Valley Bullhog Phase 1 | \$ 10,000.00 | MDF |
| 3503 | FY16 Mountain Goat Captures | \$ 4,373.43 | MDF |
| 3454 | Grouse Creek Bullhog Phase 3 | \$ 10,000.00 | MDF |
| 2076 | Hamlin Valley Habitat Restoration Project - Sagebrush Restoration Year I | \$ 15,000.00 | MDF |
| 3452 | Hatch Bench Vegetation Enhancement Phase III | \$ 1,500.00 | MDF |
| 3365 | Hiawatha/Miller Creek Phase 2 | \$ 5,000.00 | MDF |
| 3293 | Horse Ridge bullhog | \$ 2,500.00 | MDF |
| 3304 | Indian Spring Phase I Maintenance | \$ 1,500.00 | MDF |
| 3350 | McMillan Spring Phase III | \$ 40,000.00 | MDF |
| 3306 | Meachum Canyon stage 1 Juniper Removal | \$ 15,000.00 | MDF |

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| 3019 | Mill Fork Wildlife Habitat Improvement Project (Phase 2) | \$ 7,500.00 | MDF |
| 3517 | Monroe Deer Study FY16 | \$ 22,444.51 | MDF |
| 3248 | Monument Peak Hazardous Fuels Reduction Project | \$ 5,000.00 | MDF |
| 3455 | Mountain Home West Big Game Guzzler | \$ 2,500.00 | MDF |
| 3506 | Movements of elk among management units in central Utah | \$ 2,000.00 | MDF |
| 3198 | North Springs Pinyon/Juniper Removal Phase 1 | \$ 15,000.00 | MDF |
| 3441 | Park Valley Winter Range Bullhog | \$ 5,000.00 | MDF |
| 3309 | Park Valley Winter Range Lop and Scatter | \$ 10,000.00 | MDF |
| 3366 | Paunsaugunt Water Conservation Project | \$ 4,993.97 | MDF |
| 3234 | Roughneck Vegetation Restoration (Phase II) | \$ 9,999.75 | MDF |
| 3282 | Sheep Creek Phase 3: Sheep Creek North | \$ 20,000.00 | MDF |
| 3383 | Sieler Stewardship Project Phase 2 | \$ 15,000.00 | MDF |
| 3330 | South Bookcliffs Vegetation Improvement (Hay)Phase III | \$ 5,000.00 | MDF |
| 3264 | South Canyon (Limestone) | \$ 1,500.00 | MDF |
| 3312 | Swasey Wildlife Habitat Improvement and Hazardous Fuels Reduction Project Phase VI | \$ 5,000.00 | MDF |
| 3370 | Temple Fork Juniper Restoration | \$ 4,800.00 | MDF |
| 3447 | Triangle Ranch WMA Bullhog Project | \$ 7,500.00 | MDF |
| 3278 | UKC - Cottonwood Spring- Phase I | \$ 2,000.00 | MDF |
| 3402 | Warm Spring Hills Archeological Clearance for Juniper Removal | \$ 10,000.00 | MDF |
| 3236 | West Vernon Phase 5: Lion Hill | \$ 2,280.36 | MDF |
| 3263 | Yellowjacket (Farm Canyon) | \$ 15,000.00 | MDF |
| 3241 | Book Cliffs Divide Ridge Water Improvements | \$ 1,000.00 | NWTF |
| 3154 | Book Cliffs Gobbler Guzzler Project | \$ 9,827.85 | NWTF |
| 3311 | Browns Park Lop and Scatter | \$ 2,000.00 | NWTF |
| 3314 | Cabin Cliff Water Tank | \$ 2,000.00 | NWTF |
| 3331 | Chipeta Canyon Guzzler | \$ 784.97 | NWTF |
| 3326 | Cold Springs WMA Conifer Removal/Aspen Phase IV | \$ 86.05 | NWTF |
| 3322 | Daggett County Guzzlers | \$ 1,826.59 | NWTF |
| 3407 | East Fork Eight Mile Lop and Scatter/Water Development Project Phase I | \$ 2,894.49 | NWTF |
| 3344 | FFO Furner Valley Bullhog Phase 1 | \$ 1,000.00 | NWTF |
| 3371 | Fuller Bottom Riparian and Upland Improvement | \$ 13,148.16 | NWTF |
| 3304 | Indian Spring Phase I Maintenance | \$ 1,000.00 | NWTF |
| 3216 | Mendon Turkey Plantings - Phase One | \$ 2,576.30 | NWTF |
| 3506 | Movements of elk among management units in central Utah | \$ 884.06 | NWTF |
| 3437 | North Canyon Revegetation Project | \$ 2,500.00 | NWTF |
| 3478 | Tidwell Slope Pond Enhancement Project | \$ 1,000.00 | NWTF |
| 3447 | Triangle Ranch WMA Bullhog Project | \$ 10,000.00 | NWTF |
| 3173 | Antimony Phase 5 | \$ 2,500.00 | RMEF |
| 3233 | Beaver Creek Thinning Phase 1 | \$ 2,000.00 | RMEF |

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| 3307 | Beef Basin Phase II | \$ 1,465.18 | RMEF |
| 3315 | Big Wash Masticaton II | \$ 5,000.00 | RMEF |
| 3516 | Bighorn Sheep and Mountain Goat Biologist III | \$ 2,845.15 | RMEF |
| 3080 | Boobe Hole CWMU Habitat Improvement Project Phase I | \$ 1,000.00 | RMEF |
| 3241 | Book Cliffs Divide Ridge Water Improvements | \$ 2,500.00 | RMEF |
| 3311 | Browns Park Lop and Scatter | \$ 1,500.00 | RMEF |
| 3294 | Burnt Timber Bullhog | \$ 5,000.00 | RMEF |
| 3314 | Cabin Cliff Water Tank | \$ 1,000.00 | RMEF |
| 3427 | Cedar Groves Lop and Scatter Project Phase II | \$ 16.00 | RMEF |
| 3331 | Chipeta Canyon Guzzler | \$ 2,354.23 | RMEF |
| 3281 | Coal Hollow, Kane County - Phase II | \$ 627.55 | RMEF |
| 3326 | Cold Springs WMA Conifer Removal/Aspen Phase IV | \$ 86.15 | RMEF |
| 3267 | Cottonwood Ridge PJ Removal | \$ 5,000.00 | RMEF |
| 3308 | Dark Canyon Plateau Phase III | \$ 1,015.75 | RMEF |
| 3504 | Deer Fawn/Adult Survival FY16 | \$ 2,000.00 | RMEF |
| 3407 | East Fork Eight Mile Lop and Scatter/Water Development Project Phase I | \$ 868.25 | RMEF |
| 3501 | Effects of Habitat Treatments on Mule Deer | \$ 1,357.55 | RMEF |
| 3502 | FY16 Bighorn Sheep Captures | \$ 8,803.02 | RMEF |
| 3490 | FY16 Sage Grouse Initiative Biologists | \$ 2,000.00 | RMEF |
| 3454 | Grouse Creek Bullhog Phase 3 | \$ 2,000.00 | RMEF |
| 2076 | Hamlin Valley Habitat Restoration Project - Sagebrush Restoration Year I | \$ 10,000.00 | RMEF |
| 3452 | Hatch Bench Vegetation Enhancement Phase III | \$ 1,500.00 | RMEF |
| 3365 | Hiawatha/Miller Creek Phase 2 | \$ 5,000.00 | RMEF |
| 3293 | Horse Ridge bullhog | \$ 5,000.00 | RMEF |
| 3304 | Indian Spring Phase I Maintenance | \$ 2,500.00 | RMEF |
| 3469 | Jakes Knoll Pronghorn Trap updates | \$ 1,000.00 | RMEF |
| 3306 | Meachum Canyon stage 1 Juniper Removal | \$ 1,000.00 | RMEF |
| 3019 | Mill Fork Wildlife Habitat Improvement Project (Phase 2) | \$ 5,000.00 | RMEF |
| 3248 | Monument Peak Hazardous Fuels Reduction Project | \$ 10,000.00 | RMEF |
| 3455 | Mountain Home West Big Game Guzzler | \$ 5,000.00 | RMEF |
| 3506 | Movements of elk among management units in central Utah | \$ 18,299.02 | RMEF |
| 3198 | North Springs Pinyon/Juniper Removal Phase 1 | \$ 5,000.00 | RMEF |
| 3363 | Parker Mountain Ponds Phase III | \$ 1,000.00 | RMEF |
| 3366 | Paunsaugunt Water Conservation Project | \$ 998.80 | RMEF |
| 3234 | Roughneck Vegetation Restoration (Phase II) | \$ 9,999.75 | RMEF |
| 3330 | South Bookcliffs Vegetation Improvement (Hay)Phase III | \$ 2,500.00 | RMEF |
| 3264 | South Canyon (Limestone) | \$ 2,500.00 | RMEF |
| 3312 | Swasey Wildlife Habitat Improvement and Hazardous Fuels Reduction Project Phase VI | \$ 10,000.00 | RMEF |
| 3370 | Temple Fork Juniper Restoration | \$ 1,440.00 | RMEF |

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| 3478 | Tidwell Slope Pond Enhancement Project | \$ 1,000.00 | RMEF |
| 3447 | Triangle Ranch WMA Bullhog Project | \$ 5,000.00 | RMEF |
| 3278 | UKC - Cottonwood Spring- Phase I | \$ 1,500.00 | RMEF |
| 3173 | Antimony Phase 5 | \$ 2,000.00 | SCI |
| 3307 | Beef Basin Phase II | \$ 1,951.44 | SCI |
| 3516 | Bighorn Sheep and Mountain Goat Biologist III | \$ 1,317.74 | SCI |
| 3241 | Book Cliffs Divide Ridge Water Improvements | \$ 2,000.00 | SCI |
| 3154 | Book Cliffs Gobbler Guzzler Project | \$ 981.74 | SCI |
| 3311 | Browns Park Lop and Scatter | \$ 3,000.00 | SCI |
| 3294 | Burnt Timber Bullhog | \$ 3,000.00 | SCI |
| 3281 | Coal Hollow, Kane County - Phase II | \$ 418.90 | SCI |
| 3267 | Cottonwood Ridge PJ Removal | \$ 2,000.00 | SCI |
| 3322 | Daggett County Guzzlers | \$ 1,825.21 | SCI |
| 3308 | Dark Canyon Plateau Phase III | \$ 810.54 | SCI |
| 3504 | Deer Fawn/Adult Survival FY16 | \$ 2,000.00 | SCI |
| 3292 | Desert Bighorn Sheep Habitat Improvement Phase 1 | \$ 553.97 | SCI |
| 3407 | East Fork Eight Mile Lop and Scatter/Water Development Project Phase I | \$ 579.48 | SCI |
| 3505 | Efficacy of Translocation as a Management Tool for Urban Mule Deer in Utah | \$ 540.36 | SCI |
| 3502 | FY16 Bighorn Sheep Captures | \$ 8,803.00 | SCI |
| 3490 | FY16 Sage Grouse Initiative Biologists | \$ 2,000.00 | SCI |
| 3454 | Grouse Creek Bullhog Phase 3 | \$ 2,000.00 | SCI |
| 2076 | Hamlin Valley Habitat Restoration Project - Sagebrush Restoration Year I | \$ 5,000.00 | SCI |
| 3452 | Hatch Bench Vegetation Enhancement Phase III | \$ 2,000.00 | SCI |
| 3293 | Horse Ridge bullhog | \$ 2,000.00 | SCI |
| 3304 | Indian Spring Phase I Maintenance | \$ 1,000.00 | SCI |
| 3469 | Jakes Knoll Pronghorn Trap updates | \$ 1,000.00 | SCI |
| 3306 | Meachum Canyon stage 1 Juniper Removal | \$ 2,000.00 | SCI |
| 3216 | Mendon Turkey Plantings - Phase One | \$ 937.05 | SCI |
| 3019 | Mill Fork Wildlife Habitat Improvement Project (Phase 2) | \$ 2,000.00 | SCI |
| 3248 | Monument Peak Hazardous Fuels Reduction Project | \$ 3,000.00 | SCI |
| 3455 | Mountain Home West Big Game Guzzler | \$ 1,000.00 | SCI |
| 3506 | Movements of elk among management units in central Utah | \$ 4,198.30 | SCI |
| 3363 | Parker Mountain Ponds Phase III | \$ 1,000.00 | SCI |
| 3366 | Paunsaugunt Water Conservation Project | \$ 1,997.58 | SCI |
| 3234 | Roughneck Vegetation Restoration (Phase II) | \$ 3,004.90 | SCI |
| 3282 | Sheep Creek Phase 3: Sheep Creek North | \$ 2,000.00 | SCI |
| 3330 | South Bookcliffs Vegetation Improvement (Hay)Phase III | \$ 2,000.00 | SCI |
| 3264 | South Canyon (Limestone) | \$ 1,000.00 | SCI |
| 3312 | Swasey Wildlife Habitat Improvement and Hazardous Fuels Reduction Project Phase VI | \$ 3,000.00 | SCI |

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|------|--|--------------|-----|
| 3447 | Triangle Ranch WMA Bullhog Project | \$ 2,000.00 | SCI |
| 3278 | UKC - Cottonwood Spring- Phase I | \$ 1,000.00 | SCI |
| 3402 | Warm Spring Hills Archeological Clearance for Juniper Removal | \$ 2,000.00 | SCI |
| 3236 | West Vernon Phase 5: Lion Hill | \$ 570.09 | SCI |
| 3263 | Yellowjacket (Farm Canyon) | \$ 3,000.00 | SCI |
| 3844 | Additional Elk Surveys FY16 | \$ 36,821.85 | SFW |
| 3173 | Antimony Phase 5 | \$ 1,500.00 | SFW |
| 3233 | Beaver Creek Thinning Phase 1 | \$ 1,000.00 | SFW |
| 3307 | Beef Basin Phase II | \$ 14,421.47 | SFW |
| 3315 | Big Wash Masticaton II | \$ 5,000.00 | SFW |
| 3241 | Book Cliffs Divide Ridge Water Improvements | \$ 13,625.00 | SFW |
| 3154 | Book Cliffs Gobbler Guzzler Project | \$ 4,913.95 | SFW |
| 3311 | Browns Park Lop and Scatter | \$ 10,000.00 | SFW |
| 3294 | Burnt Timber Bullhog | \$ 3,000.00 | SFW |
| 3314 | Cabin Cliff Water Tank | \$ 6,000.00 | SFW |
| 3427 | Cedar Groves Lop and Scatter Project Phase II | \$ 40.00 | SFW |
| 3331 | Chipeta Canyon Guzzler | \$ 1,412.93 | SFW |
| 3281 | Coal Hollow, Kane County - Phase II | \$ 1,672.41 | SFW |
| 3326 | Cold Springs WMA Conifer Removal/Aspen Phase IV | \$ 344.45 | SFW |
| 3267 | Cottonwood Ridge PJ Removal | \$ 2,500.00 | SFW |
| 3322 | Daggett County Guzzlers | \$ 1,826.59 | SFW |
| 3308 | Dark Canyon Plateau Phase III | \$ 4,073.22 | SFW |
| 3504 | Deer Fawn/Adult Survival FY16 | \$ 30,000.00 | SFW |
| 3292 | Desert Bighorn Sheep Habitat Improvement Phase 1 | \$ 4,153.17 | SFW |
| 3407 | East Fork Eight Mile Lop and Scatter/Water Development Project Phase I | \$ 2,894.49 | SFW |
| 3501 | Effects of Habitat Treatments on Mule Deer | \$ 8,952.91 | SFW |
| 3505 | Efficacy of Translocation as a Management Tool for Urban Mule Deer in Utah | \$ 3,212.78 | SFW |
| 3344 | FFO Furner Valley Bullhog Phase 1 | \$ 2,000.00 | SFW |
| 3371 | Fuller Bottom Riparian and Upland Improvement | \$ 1,052.28 | SFW |
| 3502 | FY16 Bighorn Sheep Captures | \$ 4,410.60 | SFW |
| 3503 | FY16 Mountain Goat Captures | \$ 4,373.43 | SFW |
| 3490 | FY16 Sage Grouse Initiative Biologists | \$ 5,000.00 | SFW |
| 3454 | Grouse Creek Bullhog Phase 3 | \$ 6,901.00 | SFW |
| 2076 | Hamlin Valley Habitat Restoration Project - Sagebrush Restoration Year I | \$ 10,000.00 | SFW |
| 3452 | Hatch Bench Vegetation Enhancement Phase III | \$ 1,500.00 | SFW |
| 3365 | Hiawatha/Miller Creek Phase 2 | \$ 5,000.00 | SFW |
| 3293 | Horse Ridge bullhog | \$ 3,000.00 | SFW |
| 3304 | Indian Spring Phase I Maintenance | \$ 2,500.00 | SFW |
| 3469 | Jakes Knoll Pronghorn Trap updates | \$ 14,000.00 | SFW |

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| 3350 | McMillan Spring Phase III | \$ 55,000.00 | SFW |
| 3306 | Meachum Canyon stage 1 Juniper Removal | \$ 12,000.00 | SFW |
| 3019 | Mill Fork Wildlife Habitat Improvement Project (Phase 2) | \$ 10,000.00 | SFW |
| 3248 | Monument Peak Hazardous Fuels Reduction Project | \$ 5,000.00 | SFW |
| 3455 | Mountain Home West Big Game Guzzler | \$ 3,000.00 | SFW |
| 3506 | Movements of elk among management units in central Utah | \$ 12,936.63 | SFW |
| 3437 | North Canyon Revegetation Project | \$ 5,000.00 | SFW |
| 3198 | North Springs Pinyon/Juniper Removal Phase 1 | \$ 5,000.00 | SFW |
| 3441 | Park Valley Winter Range Bullhog | \$ 5,000.00 | SFW |
| 3309 | Park Valley Winter Range Lop and Scatter | \$ 10,000.00 | SFW |
| 3363 | Parker Mountain Ponds Phase III | \$ 2,000.00 | SFW |
| 3366 | Paunsaugunt Water Conservation Project | \$ 11,985.53 | SFW |
| 3234 | Roughneck Vegetation Restoration (Phase II) | \$ 11,999.70 | SFW |
| 3282 | Sheep Creek Phase 3: Sheep Creek North | \$ 25,000.00 | SFW |
| 3383 | Sieler Stewardship Project Phase 2 | \$ 1,500.00 | SFW |
| 3330 | South Bookcliffs Vegetation Improvement (Hay)Phase III | \$ 2,500.00 | SFW |
| 3264 | South Canyon (Limestone) | \$ 2,000.00 | SFW |
| 3312 | Swasey Wildlife Habitat Improvement and Hazardous Fuels Reduction Project Phase VI | \$ 5,000.00 | SFW |
| 3370 | Temple Fork Juniper Restoration | \$ 8,880.00 | SFW |
| 3447 | Triangle Ranch WMA Bullhog Project | \$ 5,000.00 | SFW |
| 3279 | UKC - Carly Knoll/Mill Creek | \$ 1,500.00 | SFW |
| 3278 | UKC - Cottonwood Spring- Phase I | \$ 1,500.00 | SFW |
| 3402 | Warm Spring Hills Archeological Clearance for Juniper Removal | \$ 11,000.00 | SFW |
| 3236 | West Vernon Phase 5: Lion Hill | \$ 2,280.37 | SFW |
| 3263 | Yellowjacket (Farm Canyon) | \$ 15,000.00 | SFW |
| 3307 | Beef Basin Phase II | \$ 1,951.44 | UBA |
| 3241 | Book Cliffs Divide Ridge Water Improvements | \$ 2,000.00 | UBA |
| 3311 | Browns Park Lop and Scatter | \$ 2,000.00 | UBA |
| 3308 | Dark Canyon Plateau Phase III | \$ 815.67 | UBA |
| 3504 | Deer Fawn/Adult Survival FY16 | \$ 5,000.00 | UBA |
| 3505 | Efficacy of Translocation as a Management Tool for Urban Mule Deer in Utah | \$ 1,081.05 | UBA |
| 3490 | FY16 Sage Grouse Initiative Biologists | \$ 1,500.00 | UBA |
| 3454 | Grouse Creek Bullhog Phase 3 | \$ 2,500.00 | UBA |
| 3019 | Mill Fork Wildlife Habitat Improvement Project (Phase 2) | \$ 2,000.00 | UBA |
| 3455 | Mountain Home West Big Game Guzzler | \$ 2,500.00 | UBA |
| 3506 | Movements of elk among management units in central Utah | \$ 3,384.06 | UBA |
| 3363 | Parker Mountain Ponds Phase III | \$ 1,000.00 | UBA |
| 3234 | Roughneck Vegetation Restoration (Phase II) | \$ 2,497.45 | UBA |
| 3282 | Sheep Creek Phase 3: Sheep Creek North | \$ 2,500.00 | UBA |

| | | | |
|--|--|------------------------|-----|
| 3330 | South Bookcliffs Vegetation Improvement (Hay)Phase III | \$ 2,000.00 | UBA |
| 3312 | Swasey Wildlife Habitat Improvement and Hazardous Fuels Reduction Project Phase VI | \$ 2,500.00 | UBA |
| 3447 | Triangle Ranch WMA Bullhog Project | \$ 2,000.00 | UBA |
| 3263 | Yellowjacket (Farm Canyon) | \$ 2,000.00 | UBA |
| Total External Conservation Permit Money spent in FY 2016 | | \$ 1,225,733.73 | |

Appendix 2.

2001 - 2016 Conservation Permit Revenue and Number of Permits by Organization

Updated: September 15, 2016

| YEAR | Sportsmen for Fish & Wildlife Inc. | | Mule Deer Foundation | | FNAWS | | Rocky Mountain Elk Foundation | | Safari Club International | | National Wild Turkey Federation | | Ducks Unlimited | | Utah Bowmen Association | |
|------|------------------------------------|-------------|------------------------|-------------|-----------------------|------------|-------------------------------|------------|---------------------------|------------|---------------------------------|------------|---------------------|-----------|-------------------------|-----------|
| | Amount | Permits | Amount | Permits | Amount | Permits | Amount | Permits | Amount | Permits | Amount | Permits | Amount | Permits | Amount | Permits |
| 2001 | \$188,539.00 | 55 | \$158,400.00 | 29 | \$283,880.00 | 17 | \$168,665.00 | 43 | \$15,770.00 | 4 | \$101,398.00 | 68 | \$0.00 | 0 | \$0.00 | 0 |
| 2002 | \$429,038.00 | 97 | \$90,964.00 | 63 | \$252,950.00 | 8 | \$119,915.00 | 61 | \$28,700.00 | 8 | \$120,112.00 | 57 | \$0.00 | 0 | \$0.00 | 0 |
| 2003 | \$656,521.00 | 197 | \$51,853.00 | 43 | \$226,500.00 | 5 | \$270,205.00 | 54 | \$1,250.00 | 5 | \$51,835.00 | 26 | \$0.00 | 0 | \$0.00 | 0 |
| 2004 | \$848,790.00 | 135 | \$252,310.00 | 41 | \$291,320.00 | 9 | \$300,770.00 | 97 | \$0.00 | 0 | \$46,312.00 | 14 | \$0.00 | 0 | \$0.00 | 0 |
| 2005 | \$522,647.00 | 178 | \$622,040.00 | 82 | \$310,600.00 | 10 | \$175,975.00 | 27 | \$28,500.00 | 11 | \$19,901.00 | 26 | \$0.00 | 0 | \$0.00 | 0 |
| 2006 | \$710,875.00 | 109 | \$932,400.00 | 113 | \$258,650.00 | 14 | \$306,445.00 | 47 | \$710,875.00 | 22 | \$91,035.00 | 56 | \$0.00 | 0 | \$0.00 | 0 |
| 2007 | \$1,039,552.00 | 102 | \$913,220.00 | 151 | \$405,870.00 | 24 | \$336,775.00 | 30 | \$81,515.00 | 8 | \$82,670.00 | 37 | \$19,000.00 | 4 | \$6,000.00 | 2 |
| 2008 | \$1,079,055.00 | 102 | \$976,510.00 | 152 | \$382,650.00 | 24 | \$288,390.00 | 30 | \$83,760.00 | 8 | \$89,425.00 | 37 | \$14,625.00 | 4 | \$10,250.00 | 2 |
| 2009 | \$860,000.00 | 102 | \$822,802.00 | 152 | \$390,075.00 | 24 | \$250,675.00 | 30 | \$72,055.00 | 8 | \$66,365.00 | 37 | \$26,200.00 | 6 | \$6,750.00 | 2 |
| 2010 | \$948,400.00 | 116 | \$900,020.00 | 95 | \$502,090.00 | 43 | \$262,095.00 | 39 | \$148,850.00 | 7 | \$68,085.00 | 32 | \$18,300.00 | 6 | \$15,400.00 | 4 |
| 2011 | \$799,290.00 | 116 | \$754,695.00 | 97 | \$486,785.00 | 43 | \$235,000.00 | 39 | \$102,500.00 | 7 | \$65,470.00 | 32 | \$0.00 | 0 | \$28,700.00 | 7 |
| 2012 | \$876,600.00 | 104 | \$968,715.00 | 92 | \$494,400.00 | 41 | \$247,740.00 | 38 | \$93,500.00 | 6 | \$70,210.00 | 31 | \$9,215.00 | 3 | \$37,500.00 | 7 |
| 2013 | \$1,083,725.00 | 124 | \$971,285.00 | 84 | \$519,500.00 | 23 | \$275,135.00 | 26 | \$128,747.00 | 21 | \$104,535.00 | 21 | \$12,430.00 | 4 | \$53,525.00 | 13 |
| 2014 | \$1,273,679.00 | 124 | \$975,530.00 | 84 | \$516,200.00 | 23 | \$334,995.00 | 26 | \$172,950.00 | 21 | \$99,335.00 | 21 | \$23,075.00 | 4 | \$64,875.00 | 14 |
| 2015 | \$1,508,650.00 | 124 | \$1,259,765.00 | 84 | \$564,510.00 | 23 | \$366,865.00 | 26 | \$158,970.00 | 21 | \$112,145.00 | 21 | \$0.00 | 0 | \$90,050.00 | 18 |
| 2016 | \$1,429,825.00 | 145 | \$1,186,400.00 | 63 | \$550,800.00 | 14 | \$354,190.00 | 31 | \$205,200.00 | 24 | \$141,675.00 | 26 | \$0.00 | 0 | \$77,500.00 | 11 |
| | \$14,255,186.00 | 1930 | \$11,836,909.00 | 1425 | \$6,436,780.00 | 345 | \$4,293,835.00 | 644 | \$2,033,142.00 | 181 | \$1,330,508.00 | 542 | \$122,845.00 | 31 | \$390,550.00 | 80 |

| YEAR | California Deer Association | | Boone & Crockett | | Total | |
|------|-----------------------------|-----------|--------------------|----------|------------------------|--------------|
| | Amount | Permits | Amount | Permits | Amount | Permits |
| 2001 | \$0.00 | 0 | \$0.00 | 0 | \$916,652.00 | 216 |
| 2002 | \$14,010.00 | 5 | \$0.00 | 0 | \$1,055,689.00 | 299 |
| 2003 | \$27,565.00 | 10 | \$0.00 | 0 | \$1,285,729.00 | 340 |
| 2004 | \$3,270.00 | 8 | \$0.00 | 0 | \$1,742,772.00 | 304 |
| 2005 | \$0.00 | 0 | \$0.00 | 0 | \$1,679,663.00 | 334 |
| 2006 | \$10,500.00 | 20 | \$11,500.00 | 1 | \$3,032,280.00 | 382 |
| 2007 | \$0.00 | 0 | \$0.00 | 0 | \$2,884,602.00 | 358 |
| 2008 | \$0.00 | 0 | \$0.00 | 0 | \$2,924,665.00 | 359 |
| 2009 | \$0.00 | 0 | \$0.00 | 0 | \$2,494,922.00 | 361 |
| 2010 | \$0.00 | 0 | \$0.00 | 0 | \$2,863,240.00 | 342 |
| 2011 | \$0.00 | 0 | \$0.00 | 0 | \$2,472,440.00 | 341 |
| 2012 | \$0.00 | 0 | \$0.00 | 0 | \$2,797,880.00 | 322 |
| 2013 | \$0.00 | 0 | \$0.00 | 0 | \$3,148,882.00 | 316 |
| 2014 | \$0.00 | 0 | \$0.00 | 0 | \$3,460,639.00 | 317 |
| 2015 | \$0.00 | 0 | \$0.00 | 0 | \$4,060,955.00 | 317 |
| 2016 | \$0.00 | 0 | \$0.00 | 0 | \$3,945,590.00 | 314 |
| | \$55,345.00 | 43 | \$11,500.00 | 1 | \$40,766,600.00 | 5,222 |