



# TRACS Enhancement Grant Proposal / Project Statement Template

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# TRACS Grant Proposal & Project Statement Template

Note that this initial section may be most appropriately filled out by the Federal Aid Coordinator or TRACS point of entry. Consider that multiple project statements (see following sections V and VI) may be incorporated under the overall grant described in this section.

## I. Grant Details:

1. Grant Proposal Title:			
2. SAP/PO (FBMS) # (if available):		3. Recipient Grant ID (optional):	
4. Grant Start Date:		5. Grant End Date:	
6. Recipient State:		7. Grant Program(s):	

8. Grant Proposal Public Description:

## II. Contact Information:

1. Federal Grant Specialist(s) - list full name, title/agency, region, email address and phone number:

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## II. Contact Information:

1. Federal Grant Specialist(s) - list full name, title/agency, region, email address and phone number:

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2. Grant Recipient Contact(s) - list full name, title/agency, region, email address and phone number:

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# TRACS Grant Proposal & Project Statement Template

## III. Single Audit Statement:

Attach the grant application (SF-424) and fill out the single audit statement below.

1. Organization Type (pick one):

- ☐ U.S. (Country-wide)
- ☐ State
- ☐ Local Government
- ☐ Federally-recognized Indian Tribe Government
- ☐ Non-Profit Organization

2. Single Audit Statement (pick one):

- ☐ Was required to submit a Single Audit report for the organization's most recently closed fiscal year and that report is available on the Federal Audit Clearinghouse Single Audit Database website. The report is filed under the EIN of: \_\_\_\_\_
- ☐ Was required to submit a Single Audit report for the organization's most recently closed fiscal year and that report is not available on the Federal Audit Clearinghouse Single Audit Database website.
- ☐ Was not required to submit a Single Audit report for the organization's most recently closed fiscal year.

3. Conflict of Interest Disclosure Statement (if applicable):

4. Indirect Cost Statement (Please select the appropriate statement):

#### 4. Indirect Cost Statement (Please select the appropriate statement):

We are:

- ☐ A U.S. State or local government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of \_\_\_\_\_. We submit our indirect cost rate proposals to our cognizant agency. A copy of our most recently approved rate agreement/certification is attached.
- ☐ A U.S. State or local government entity receiving less than \$35 million in direct Federal funding with an indirect cost rate of \_\_\_\_\_. We are required to prepare and retain for audit an indirect cost rate proposal and related documentation to support those costs.
- ☐ A \_\_\_\_\_ (organization type) [U.S. / States / local governments, please use one of the statements above or below] that has previously negotiated or currently has an approved indirect cost rate with our cognizant agency. Our indirect cost rate is \_\_\_\_\_. In the event an award is made, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award is made.

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## TRACS Grant Proposal & Project Statement Template



- ☐ A \_\_\_\_\_ (organization type) [U.S. / States / local governments, please use one of the statements above or below] that has previously negotiated or currently has an approved indirect cost rate with our cognizant agency. Our indirect cost rate is \_\_\_\_\_. A copy of our current, approved rate agreement(s) is attached.
- ☐ A \_\_\_\_\_ (organization type) that has never submitted an indirect cost rate



## IV. Project Statement Details:

Fill out the information below for each project statement (copy and paste as needed):

1. Project Statement Title:			
2. Project Statement Start Date:		3. Project Statement End Date:	

# TRACS Grant Proposal & Project Statement Template



## 4. Location information:

- ☐ Select the location for the project statement (pick one):
  - ☐ Statewide
  - ☐ Specific counties/congressional districts (please specify below)
  - ☐ Specific facilities/areas (e.g. WMA, etc. – please specify below)
  - ☐ Other (e.g. research location with coordinates, please specify below)

### b. Additional Location Details (add attachments if needed):





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#### 5. Need Statement:

#### 6. Purpose:

#### 7. Timeline:

#### 8. Results and Benefits Expected:





# TRACS Grant Proposal & Project Statement Template

## 9. Budget Narrative:

## 10. Equipment Narrative:

## 11. Useful Life:

## 12. Multipurpose:

- ☐ No (skip to question 13)
- ☐ Yes (explanation required below)







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12. Multipurpose:

- ☐ No (skip to question 13)
- ☐ Yes (explanation required below)

13. Relationship with other Grants:

- ☐ No (skip to question 13)
- ☐ Yes (explanation required below)





# TRACS Grant Proposal & Project Statement Template

14. Fill out questions 1-13 for each additional project statement (copy and paste as needed).

## V. Project Statement Objectives:

Fill out the information below for each objective (copy and paste as needed) and attach to the appropriate project statement. See the Matrix and Fact Sheets on the [FA wiki link here](#) for a list of standard objectives and reporting requirements (unit of measurement, activity tags and species/habitat tags):

1. Select the Standard Objective Strategy for this objective (pick one):

- ☐ Coordination and Administration ([Fact Sheet Link](#))
- ☐ Direct Habitat and Species Management ([Fact Sheet Link](#))
- ☐ Environmental Review ([Fact Sheet Link](#))
- ☐ Facilities/Areas Construction, Renovation or Acquisition ([Fact Sheet Link](#))
- ☐ Facilities/Areas O&M ([Fact Sheet Link](#))
- ☐ Incentives ([Fact Sheet Link](#))
- ☐ Outreach and Communications ([Fact Sheet Link](#))
- ☐ Planning ([Fact Sheet Link](#))
- ☐ Real Property Acquisition ([Fact Sheet Link](#))
- ☐ Research, Survey, Data Collection and Analysis ([Fact Sheet Link](#))
- ☐ Species Stocking ([Fact Sheet Link](#))
- ☐ Stakeholder Involvement ([Fact Sheet Link](#))
- ☐ Technical Assistance ([Fact Sheet Link](#))
- ☐ Training and Education ([Fact Sheet Link](#))

2. Enter the Standard Objective description or statement (e.g. Stock 25,000 fish by 06-30-2020):

- ☐ Facilities/Areas Construction, Renovation or Acquisition ([Fact Sheet Link](#))
- ☐ Facilities/Areas O&M ([Fact Sheet Link](#))
- ☐ Incentives ([Fact Sheet Link](#))
- ☐ Outreach and Communications ([Fact Sheet Link](#))
- ☐ Planning ([Fact Sheet Link](#))
- ☐ Real Property Acquisition ([Fact Sheet Link](#))
- ☐ Research, Survey, Data Collection and Analysis ([Fact Sheet Link](#))
- ☐ Species Stocking ([Fact Sheet Link](#))
- ☐ Stakeholder Involvement ([Fact Sheet Link](#))
- ☐ Technical Assistance ([Fact Sheet Link](#))
- ☐ Training and Education ([Fact Sheet Link](#))

2. Enter the Standard Objective description or statement (e.g. Stock 25,000 fish by 06-30-2020):

3. Does this objective relate to R3 activities (Recruitment, Retention and Reactivation)?

- ☐ Yes
- ☐ No

4. List activities (tags 1 & 2 as listed on [Matrix](#)):



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5. List Target Species and/or Habitat Types (if applicable):

6. Approach Details:

**Fill out Section V and the associated questions for each additional objective (copy and paste section V again here, as many times as needed to capture each objective):**





# TRACS Enhancement Standard Project Statements

# Freshwater Public Waters Sport Fisheries Surveys and Monitoring

Created by Ryan Oster, last modified on Feb 15, 2019

## Disclaimer

This project statement is meant to be used as a training aid. While some of the information provided in the project statement is based upon factual data, the entire project statement is not meant to represent an actual project statement drafted by the Alabama Department of Conservation and Natural Resources.

## AL – Freshwater Public Waters Sport Fisheries Surveys and Monitoring

### Need

There is a need for the Alabama Department of Conservation and Natural Resources (ADCNR) to collect fisheries population information in order to effectively manage and conserve its public waters sport fisheries. In 2011, data from the National Survey of Fishing, Hunting, and Wildlife-Associated Recreation indicated over 683,000 anglers fished (freshwater and saltwater) in Alabama for a total of 10.9 million angler-days. These anglers expended over \$456 million per year in trip and equipment related expenditures.

The proposed fishery surveys are able to document changes in fish species in Alabama's freshwater habitats, so that proactive management strategies may be implemented to mitigate potential declines in angler catch and harvest. Declines in sport fish populations can occur from a variety of reasons including poor year-class production, failed recruitment, lack of forage, introduction of non-native invasive species, loss of habitat, water-level fluctuations, intense angler harvest, and various forms of environmental perturbations. The ADCNR is the state agency with statutory responsibility to manage the state's recreational freshwater sport fisheries for all types of anglers. Without annual surveying and monitoring, the ADCNR would not be able offset these declines, which would ultimately manifest in decreased viability of sport fish populations, reduced angler catch rates, lower angler harvest, and unacceptable angler satisfaction rates.

### Purpose

The purpose of this project is to survey Alabama's sport fish populations in public waters in order to document changes in fish populations and adjust management actions to promote sustainable fisheries.

### Objective

Conduct 240 investigations by December 31, 2018. *(NOTE: TRACS strategy - Research, Survey, Data Collection and Analysis)*

### Results and Benefits Expected

This grant will benefit the sport fishery resources of Alabama by providing fisheries staff with science-based, quantitative data to ensure sound and responsible management of its various sport fish populations.

This grant will also provide benefit to recreational anglers. Enhanced management of Alabama's sport fish populations in public waters should result in catch rates that meet or exceed the public's expectations. In addition, catch rates of quality and trophy sized species should also meet or exceed the public's expectations.

This grant will also benefit local economies as anglers are willing to travel considerable distances to enjoy their passions. Local economies will derive benefits from increased sales of gasoline, food, supplies, lodging, and fishing equipment. Society will benefit from a healthy environment and increased outdoor recreation

participation.

## Approach

*Objective 1 – Conduct 240 investigations by December 31, 2018.*

The state of Alabama is comprised of four separate regional fisheries units (Northwest, Northeast, Southwest, and Southeast). Each regional fisheries office is charged with overseeing, surveying, monitoring, and managing the public waters sport fisheries that occur within its region. Each regional office is comprised of a regional fisheries biologist, assistant regional fisheries biologist, fisheries biologist, and a fisheries technician.

Sport fish populations in public waters will be surveyed and monitored annually at the locations listed in [Table 1](#). The ADCNR has developed lake specific fisheries management plans that govern the agencies management strategies for each target sport fish species. Population metrics that will be calculated include, but are not limited to: (1) growth; (2) mortality; (3) recruitment; (4) abundance (i.e. CPUE); (5) weight-length relationships (i.e. Wr); (6) stock density relationships (i.e. PSD/RSD). All data will be analyzed using the appropriate statistical tests. Sport fish species will be sampled as follows:

Black bass (largemouth, smallmouth, and spotted bass) are sampled twice annually. During spring (water temperatures = 55-65°F), black bass are sampled using either daytime or nighttime shoreline boat electrofishing. Each shoreline electrofishing sample is comprised of a continuous 30-minute sample, during which only black bass are collected. All sizes of black bass are collected during each sample. Fish are held in large aerated livewells and fresh lake water is constantly pumped into the livewell during the entire 30 minute period. At completion of each sample, all fish are identified to species and measured for total length (TL, mm). All fish are then released, unless a subsample of fish is desired to be retained for age-and-growth analysis. The total number of electrofishing samples will be up to the biologist's discretion and is based upon the size of waterbody. When conducting age-and-growth analysis, a total of ten fish per inch-class are retained and returned to the district office where otoliths (inner ear bones) are removed in order to determine age. During fall, (water temperatures = 60-75°F) black bass are sampled using daytime or nighttime shoreline electrofishing. Each shoreline electrofishing sample is comprised of a continuous 30-minute sample, during which only black bass are collected. All sizes of black bass are collected during each sample. At completion of each sample, all fish are identified to species and measured for TL (mm) and weighed (g). All fish are released following measurement. A total of 64 black bass surveys (investigations) are to be completed during the period of performance ([Table 1](#)).

Panfish (bluegill and redear sunfish) are sampled annually during the spring (water temperatures = 65-75°F) using daytime shoreline electrofishing. Each shoreline sample is comprised of a continuous 10-minute sample, during which only panfish are collected. All sizes of panfish are collected during each sample. Fish are held in large, aerated livewells and fresh lake water is constantly pumped into the livewell during the entire 10 minute period. At completion of each sample, all fish are identified to species and measured for TL (mm) and weighed (g). All fish are then released, unless a subsample of fish is desired to be retained and returned to the district office where otoliths are removed in order to determine age. A total of ten fish per inch-class are retained for age-and-growth analysis. Similar to black bass, the total number of electrofishing samples will be up to the biologist's discretion. A total of 33 panfish surveys (investigations) are to be completed during the period of performance ([Table 1](#)).

Crappie (white and black crappie combined) are sampled annually during the fall (water temperatures = 50-65°F) using trapnets. The lead on each trapnet is 30 m long x 1.3 m deep. The mesh is ½" bar mesh. Trapnets are fished for 24-hrs consecutively before being checked for fish. Trapnets are fished perpendicular to the shoreline with the pot end resting in water no shallower than 6 feet. All sizes of crappie are collected during each sample and fish are held in large, aerated livewells. At the completion of each sample, all fish are identified to species and measured for TL (mm) and weighed (g). All fish are released, unless a subsample of fish is desired to be retained for age-and-growth analysis. The total number of trapnets fished will be up to the biologist's discretion. When conducting age-and-growth analysis, a total of ten fish per inch-class are retained and returned to the district office where otoliths are removed in order to determine age. A total of 40 crappie surveys (investigations) are to be completed during the period of performance ([Table 1](#)).

*Morone* (striped bass, white bass, and hybrid striped bass) are sampled annually during the fall (water temperatures = 50-65°F) using gillnets. White bass and hybrid striped bass will be sampled using experimental 300 foot x 8 foot gillnets (each 50 foot panel; bar mesh size ½", ¾", 1", 1-1/2", 2", and 2-1/2"). Striped bass will be sampled also using experimental 300 foot x 8 foot gillnets (each 50 foot panel; bar mesh size 1", 1-1/2", 2", 2-1/2", 3", and 3-1/2"). Gillnets will be fished for 24-hrs consecutively before being checked for fish. Gillnets will be fished on flats adjacent to river channels. All sizes of *Morone* are collected during each sample.



**Useful Life**

No capital improvements over \$10,000 will be made with this project proposal.

**Geographic Location**

This project will occur statewide. Please see [Table 1](#) for a list of lakes, rivers, and reservoirs that will be sampled.

**Principal Investigator(s), for Research Projects**

Not applicable.

**Program Income**

None.

**Budget Narrative**

Federal Share: \$ 825,000 (75%) – Sport Fish Restoration subprogram (9514)

State Share: \$ 275,000 (25%) – ADCNR restricted Fish and Game Fund

**Total Project: \$ 1,100,000**

NOTE: Applicants may provide the budget information using the SF 424A (Budget Information for Non-Construction Programs), SF 424C (Budget Information for Construction Programs), or using the applicant's created budget displaying an equivalent or greater level of detail.

<u>Budget Class Category</u>	<u>Cost</u>
Personnel (salaries)	\$475,000
Fringe Benefits	\$257,500
Travel	\$35,000
Equipment	\$118,700
Supplies	\$46,600
Contractual	\$0
Construction	\$0
Other	\$50,000
Total Direct Costs	\$982,800
Indirect Costs	\$117,200
<b>TOTAL</b>	<b>\$1,100,000</b>

Personnel budget estimate comprised of staff (16-20) in the following classifications: (1) Regional Fisheries Biologist (2) Assistant Regional Fisheries Biologist (2)





Indirect Costs	\$117,200
<b>TOTAL</b>	<b>\$1,100,000</b>

Personnel - budget estimate comprised of staff (16-20) in the following classifications: (1) Regional Fisheries Biologist; (2) Assistant Regional Fisheries Biologist; (3) Fisheries Biologist; and (4) Fisheries Technician.

Fringe benefits - consists of the required employer contribution of Social Security, Medicare, unemployment tax, retirement, and employee health insurance, and is estimated at 54.21% of salaries.

Travel - staff will attend in-state meetings related to sport fish management issues/concerns. Staff may also attend regional/national meetings such as AFS and SDAFS (including the various committees and sections), as well as SEAFWA. Travel costs will include lodging, transportation, and per diem following state policies and procedures.

Equipment - the following equipment is necessary and reasonable for the accomplishment of grant objectives.

- Northwest Fisheries Regional Office
  1. One Ford F-150 Supercab ¾ ton truck - \$25,000. Useful life = 6 years.
  2. One 150-HP Mercury Outboard engine - \$6,500. Useful life = 5 years.
- Northeast Fisheries Regional Office
  1. One Ford F-150 Supercab ¾ ton truck - \$25,000. Useful life = 6 years.
  2. One 90-HP Evinrude Outboard engine - \$5,200. Useful life = 5 years.
  3. One Smithroot electrofishing box - \$6,000. Useful life = 10 years.
- Southwest Fisheries Regional Office
  1. One Smithroot electrofishing boat fully rigged - \$17,000. Useful life = 10 years.
- Southeast Fisheries Regional Office
  1. One Ford F-150 Supercab ¾ ton truck - \$25,000. Useful life = 6 years.
  2. One Crestliner (17 foot) creel boat fully rigged - \$9,000. Useful life = 10 years.

Supplies - budget estimate includes general office/lab supplies, field attire (raingear, overalls, rubber boots), sampling gear (gill nets, trap nets, hoop nets), nets, tubs, jars, vials, containers, tools, and electrical items.

Other: budget category estimates include bottled gas and motor fuels/lubricants.

Indirect Costs: The ADCNR's approved NICRA is 16.00% charged to the base of salaries and fringe. A copy of the NICRA is on file in the WSFR Region 4 Office.

In-Kind Match: No in-kind match will be utilized for this grant.

Pre-Award Costs: No pre-award costs are requested for this grant.

Indirect Cost Statement: "We are (1) a U.S. state government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of 16.00%. We submit our indirect cost rate proposals to our cognizant agency. A copy of our most recently approved rate agreement/certification is attached."

Single Audit Reporting Statement: The State of Alabama was required to submit a Statewide Single Audit report for its most recently closed fiscal year and that report is available on the Federal Audit Clearinghouse Single Audit Database website. The report is filed under the State of Alabama's EIN (99-9999999).

## Multipurpose Projects

None.

## Relationship with other Grants

None.

## Timeline

*January 1, 2018 – March 31, 2018:*

- Acquire any needed sampling gear and supplies.
- Coordinate spring sampling schedules (locations, dates, crews).
- Survey public water "cool-water" (walleye, sauger, and musky) species.
- Analyze survey data (abundance, age/growth, recruitment, and mortality) and compile into fisheries management reports.

*April 1, 2018 – June 30, 2018:*

- Survey public water "warm-water" (black bass, panfish, crappie, catfish, white bass, hybrid striped bass, and striped bass) species.
- Analyze survey data (abundance, age/growth, recruitment, and mortality) and compile into fisheries management reports.
- Attend meetings concerning public water sport fisheries.

*July 1, 2018 – September 30, 2018:*

- Coordinate fall sampling schedules (locations, dates, crews).
- Survey public water "warm-water" (catfish) species.
- Analyze survey data (abundance, age/growth, recruitment, and mortality) and compile into fisheries management reports.

*October 1, 2018 – December 31, 2018:*

- Survey public water "warm-water" (black bass, crappie, catfish, white bass, hybrid striped bass, and striped bass) species.
- Survey public water "cool-water" (walleye, sauger, and musky) species.
- Analyze survey data (abundance, age/growth, recruitment, and mortality) and compile into fisheries management reports.
- Complete annual performance reports.

## General

NOTE: 50 CFR 80.82 (c) requires that a project statement must include information pertaining to 13 data elements. Element 13 requires that information be included in the project statement that (a) shows that the proposed activities are eligible for funding and substantial in character and design and (b) enables the Service to comply with applicable requirements under NEPA, ESA, and NHPA, and other laws, regulations, and policies. If information is not provided in the project statement, please attach additional documentation regarding NEPA, ESA, and NHPA compliance.

## Related Pages

[Sport Fish Restoration Eligible Activities](#)

[Sport Fish Restoration Program Apportionments](#)



- Analyze survey data (abundance, age/growth, recruitment, and mortality) and compile into fisheries management reports.
- Complete annual performance reports.

### General

NOTE: 50 CFR 80.82 (c) requires that a project statement must include information pertaining to 13 data elements. Element 13 requires that information be included in the project statement that (a) shows that the proposed activities are eligible for funding and substantial in character and design and (b) enables the Service to comply with applicable requirements under NEPA, ESA, and NHPA, and other laws, regulations, and policies. If information is not provided in the project statement, please attach additional documentation regarding NEPA, ESA, and NHPA compliance.

### Related Pages

[Sport Fish Restoration Eligible Activities](#)

[Sport Fish Restoration Program Apportionments](#)

### Resources

[Project Statement - Statewide Fish Surveys and Monitoring \(Word file\)](#)



[WSFR\\_Quick Reference\\_SFR](#)

[Sport Fish Restoration Funding diagram](#)

### References

[§ 50 CFR 80.51 What activities are eligible for funding under the Dingell-Johnson Sport Fish Restoration Act?](#)

[§ 50 CFR 80.82 What must an agency submit when applying for a project-by-project grant?](#)



# TRACS Enhancement Grant / Project Statement Translation Q&As

Duties of Fish and Wildlife Area Managers vary widely among different states, agencies, and programs. The strategies and standard objectives should reflect the purpose of the grant and the actions needed to address the need and goals of the project. The strategies and objectives that can be used will depend on the diversity of approaches (actions) that are included in the project statement. A well written and highly detailed approach will allow staff to comb through and properly identify all the different types of Strategies and Standard Objectives that can be reported through TRACS. The intent of TRACS is so we can communicate program accomplishments by rolling							
Question	Type	Strategy	Issue	Response	Remedy	Action	
Q31	Translation	All	Area Managers sometimes work on distinct projects, and code their time to those budgets. But most of what they do is a laundry list of diverse actions. In looking though the matrix, I identified 12 objectives under 5 strategies. Is that reasonable to have that many strategies and objectives rolled into one project?	The strategies and standard objectives should reflect the purpose of the grant and the actions needed to address the need and goals of the project. The strategies and objectives that can be used will depend on the diversity of approaches (actions) that are included in the project statement. Some project statements are simple, involve one or few strategies, and include relatively few activities. In these cases, there may be fewer objectives for such a project. Other project statements include large numbers of strategies and often all-encompassing activities. For these project statements, there may be many reportable objectives that fit under many strategies. A well written and highly detailed approach will allow staff to comb through and properly identify all the different types of Strategies and Standard Objectives being reported through TRACS. The intent of TRACS is so we can communicate program accomplishments by rolling-up data to report on the partnerships performance at local, state, regional, and national scales. Therefore, the scale and number of activities reported should reflect accomplishments at the program level.		Translation Guidance Q&A	
Q32	Translation	Species Stocking and Technical Assistance	Some States have cooperative agreements with USFWS National Fish Hatcheries to assist with various recovery activities (i.e. brood fish procurement, spawning, transporting and stocking). The fish are being produced at federal facilities with other federal funding and the question arose on how to report the state involvement funded under Sport Fish Restoration, State Wildlife Grants, or other WSFR grants in TRACS.	Activities where we are assisting other agencies and/or organizations should be reported under the Technical Assistance strategy. If a state agency received eggs or fry from a Federal National Fish Hatchery and used Sport Fish funds to hatch, rear, and/or stock from a state hatchery then these fish should be reported under the Stocking Strategy in TRACS. If the fish were entirely produced and reared in a federal facility (i.e. paid for with other federal funding) and the state only used staff and equipment to assist with the spawning and/or stocking then this should be reported as Technical Assistance.	Guidance on the "Technical Assistance" activity.	Translation Guidance Q&A	
				There are three different strategy options that states may use to report fish kill activities in TRACS. If the state is solely			

# Translation into TRACS

In our opinion, there is no one way (best way) to translate a project statement and make it TRACS

Enhancement ready. When Training is asked, this is how we dissect and translate in our minds.



# Translation - examples

Excerpt from an approach:

*“...As species reach stocking size, fish will be harvested from ponds by draining each pond and fish will be collected in the kettle basins. Nets will be used to collect fish and will be immediately loaded onto hauling trucks and taken to the fish hatching houses and placed in raceways. Length, weight, and numbers will be determined for each species/pond. Fish will then be loaded onto hauling trucks based on stocking density/location. Liquid oxygen will be provided in each hauling compartment to sustain dissolved oxygen concentrations greater than 4.0 ppm. Dissolved oxygen will be monitored every 3 hours en route to each stocking location. At the stocking site, fish will be tempered to ensure that water temperatures do not differ by more than 5 degrees between the hauling truck and the receiving surface water temperature. A list of stocking locations, numbers, and GPS coordinates for each species is provided in Table 1...”*

# Translation - examples

Excerpt from an approach:

Strategy: Species Stocking

Objective: Stock XX fish or wildlife by XXXX.

*"...As species reach stocking size, fish will be harvested from ponds by draining each pond and fish will be collected in the kettle basins. Nets will be used to collect fish and will be immediately loaded onto hauling trucks and taken to the fish hatching houses and placed in raceways. Length, weight, and numbers will be determined for each species/pond. Fish will then be loaded onto hauling trucks based on stocking density/location. Liquid oxygen will be provided in each hauling compartment to sustain dissolved oxygen concentrations greater than 4.0 ppm. Dissolved oxygen will be monitored every 3 hours en route to each stocking location. At the stocking site, fish will be tempered to ensure that water temperatures do not differ by more than 5 degrees between the hauling truck and the receiving surface water temperature. A list of stocking locations, numbers, and GPS coordinates for each species is provided in Table 1..."*



# Translation - examples

Excerpt from an approach:

*“...The Department operates and maintains Ryan Oster Fish Hatchery, located in Franklin County and resides upon 145 acres adjacent to Elkhorn Creek, which acts as the primary water source for the entire hatchery. The hatchery has a total of 48 earthen production ponds encompassing approximately 50 acres of production water: 37 (0.9 acre ponds), 8 (0.5 acre ponds), 1 (4.0 acre pond), and 2 irregular ponds (totaling 8.5 acres). Each pond contains one concrete fish harvesting kettle and some ponds have liners installed to prevent water seepage or for specific fish production purposes. Water supply and drain lines exist at each pond, in addition to electricity to aid with the operation of aerators.*

*Two modern fish hatching/intensive culture buildings are also located at the hatchery. A total of 24 raceways and 16 large circular tanks are permanently established within the buildings...”*

# Translation - examples

Excerpt from an approach:

*“...**The Department operates and maintains Ryan Oster Fish Hatchery**, located in Franklin County and resides upon 145 acres adjacent to Elkhorn Creek, which acts as the primary water source for the entire hatchery. The hatchery has a total of 48 earthen production ponds encompassing approximately 50 acres of production water: 37 (0.9 acre ponds), 8 (0.5 acre ponds), 1 (4.0 acre pond), and 2 irregular ponds (totaling 8.5 acres). Each pond contains one concrete fish harvesting kettle and some ponds have liners installed to prevent water seepage or for specific fish production purposes. Water supply and drain lines exist at each pond for the operation of aerators.*

Strategy: Facilities/Area O&M

Objective: O&M XX facilities by XXXX.

*Two modern fish hatching/intensive culture buildings are also located at the hatchery. A total of 24 raceways and 16 large circular tanks are permanently established within the buildings...”*

# Translation - examples

Excerpt from an approach:

*“...The following activities will occur under this grant award:*

- *Develop course content and implement multiple course delivery methods including instructor-led, home study and online courses. Courses will be scheduled and conducted in strategic locations where demand is highest. Approximately 550 hunter education training events will be conducted for students.*
- *Acquire firearm training equipment and general office supplies to conduct all hunter education programs and activities. We plan to acquire 2 Lasershot firearms training systems during this performance period.*
- *Annually inspect, clean and repair all guns and training equipment.”*

# Translation - examples

## Excerpt from an approach:

*“...The following activities will occur under this grant award:*

- *Develop course content and implement multiple course delivery methods including instructor-led, home study and online courses. Courses will be scheduled and conducted in strategic locations where demand is highest. Approximately 550 hunter education training events will be conducted for students.*
- *Acquire firearm training equipment and general office supplies to conduct all hunter education programs and activities. We plan to acquire 2 Lasershot firearms training systems during this performance period.*
- *Annually inspect, clean and repair all guns and training equipment.”*

Strategy: Training/Education

Objective: XX students complete training by XXXX.

Strategy: Training/Education

Objective: Conduct XX training events by XXXX.

# Translation - examples

Next two examples are from a large grant. The WSFR Region Office and [STATE] invited Training Branch to review this large grant for our opinions.

This very large grant initially had one objective:

- *“Manage statewide wildlife populations to desired levels in accordance with ecological and social tolerances and preserve or enhance habitats in [STATE] during the 2020 fiscal year.”*

# Translation - examples

Excerpt from an approach:

*“Department staff review development projects, BAs, EAs, EISs, and other project plans for federal, state, and local governments for land use projects/activities. They may also participate in formal planning processes. Careful review of these projects are essential to identifying potential adverse effects on wildlife habitats and populations.*

*Staff also respond to inquiries from landowners about implementing wildlife habitat projects on their property. Staff may assist with designing projects, providing wildlife-related background information, technical expertise regarding wildlife issues, and helping to promote/conservate key wildlife habitat types/ecosystems.*

*Staff also provide technical guidance to private conservation organizations within the state.”*

Strategy: Technical Assistance  
Objective: Provide TA to XX  
individuals by XXXX.

# Translation - examples

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Strategy: Technical Assistance  
Objective: Provide TA to XX  
organizations by XXXX.

# Translation - examples

Excerpt from an approach:

## Task 4: Wildlife Transplant and Augmentation

*“...Big game species will be captured utilizing corral type traps, drive netting, or net-gunning individual animals. Upland bird species will be capture using drop-nets or rocket-nets... Captured animals will be inoculated and samples taken under the direction of a veterinarian... Animals will be transported to release sites and released within 24 hrs... All efforts to transplant wildlife will follow Department management plans established to meet the desired goals/expectations for each species...”*



# Translation - examples

Excerpt from an approach:

## Task 4: Wildlife Transplant and Augmentation

*“...Big game species will be captured utilizing corral type traps, drive netting, or net-gunning individual animals. Upland bird species will be capture using drop-nets or rocket-nets... Captured animals will be inoculated and samples taken under the direction of a veterinarian... Animals will be transported to release sites and released within 24 hrs... All efforts to transplant wildlife will follow Department management plans established to meet the desired goals/expectations for each species...”*

Strategy: Direct Habitat and Species Management  
Objective: Directly manage restoration and recovery of XX individuals by XXXX.

# Translation - examples

Excerpt from an approach:

*“During the grant period, 12 new sewage pump-out and sanitary waste dump stations will be installed. The selected funding subrecipients will be based on the location of the boating facility relative to sensitive waters, discharges of sewage, and the boating activity observed from annual inspections. Funding subrecipient locations are unknown at the time of this application.*

*Marinas will apply to [STATE] for funding through CVA. Marina program staff will evaluate each project based on its priority for funding and notify applicants of acceptance or denial. Marinas accepted into the program are then required to prepare a plan and working drawings for the pump-out station and/or sewage dump station they intend to install.*

*The marina owner will obtain all required federal, state, and local permits, as appropriate, and submit these to the [STATE]...”*

# Translation - examples

Excerpt from an approach:

*“During the grant period, 12 new sewage pump-out and sanitary waste dump stations will be installed. The selected funding subrecipients will be based on the location of the boating facility relative to sensitive waters, discharges of sewage, and the boating activity observed from annual inspections. Funding subrecipient locations are unknown at the time of this application.*

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*then required to prepare a plan and working drawings for the pump-out station and/or sewage dump station they intend to install.*

*The marina owner will obtain all required federal, state, and local permits, as appropriate, and submit these to the [STATE]...”*

Strategy: Facilities/Areas Construction, Renovation, or Acquisition  
Objective: Construct, renovate, or acquire XX facilities by XXXX.

# Translation - examples

Excerpt from an approach:

*“The [STATE] Marina Program implements a CVA Operations and Maintenance Program (O&M). Staff conduct a regulatory inspection of each CVA-funded pump-out and sanitary waste dump station at least twice during the boating season. Staff ensures the receiving stations are functioning properly and that upgrades, repairs, or replacement occurs, when needed. Should annual maintenance costs to the actual equipment exceed \$2,000; the facility will be encouraged to consider replacing the equipment.*

*All marinas with existing pump-out facilities will be invited to participate in the O&M program, including those facilities that were not originally funded through the CVA program. CVA Marina Agreements will be executed with these newly participating marinas.*

*Eligible O&M projects include:...”*

# Translation - examples

Excerpt from an approach:

***“The [STATE] Marina Program implements a CVA Operations and Maintenance Program (O&M). Staff conduct a regulatory inspection of each CVA-funded pump-out and sanitary waste dump station at least twice during the boating season. Staff ensures the receiving stations are functioning properly and that upgrades, repairs, or replacement occurs, when needed. Should annual maintenance costs to the actual equipment exceed \$2,000; the facility will be encouraged to consider replacing the equipment.***

*All marinas with existing pump-out facilities will be invited to participate in the O&M program, including those facilities that were not originally funded through the CVA program. CVA Marina Agreements will be executed with these newly participating marinas.*

*Eligible O&M projects include*

Strategy: Facilities/Areas O&M

Objective: Operate and maintain XX facilities by XXXX.

# Translation - examples

## Excerpt from an approach:

*“...The CVA Program Coordinator will oversee all aspects of the [STATE] Marina Program and CVA grant award. This position will:*

- communicate with and assist potential marina partners in applying for program construction and O&M funds;*
- review marina plans and projects for environmental compliance;*
- execute marina agreements, sub-awards, and/or contracts with partners;*
- monitor progress of funded projects and accomplishments;*
- provide direction and support to marina inspectors and technical staffs that assist in the program’s activities; and*
- ensure all administrative and compliance requirements are satisfied in accordance with the terms and conditions of the Federal award...”*

# Translation - examples

Excerpt from an approach:

*“...The CVA Program Coordinator will oversee all aspects of the VDH Marina Program and CVA grant award(s). This position will:*

- communicate with and assist potential marina partners in applying for program construction and O&M funds;*
- review marina plans and projects for environmental compliance;*
- execute marina agreements, sub-awards, and/or contracts with partners;*
- monitor progress of funded projects and accomplishments;*
- provide direction and support to marina inspectors and technical staffs that assist in the program’s activities; and*
- ensure all administrative and compliance requirements are satisfied in accordance with the terms and conditions of the Federal award...”*

Strategy: Coordination and Administration

Objective: Administer XX projects under a grant that includes Coord./Admin. by XXXX.