Project Summary Survey

1. <u>**Introduction**</u>

Thank you for agreeing to include your restoration project in our study of the economic contributions of restoration. Your responses to this survey will give us the background information that we need to get started with our analysis. Following this survey, we will send you and the contractors that you identify an expenditure survey. The expenditure survey will ask each participant about their expenditures on labor, equipment, repairs and maintenance, materials and supplies, overhead, and travel for this restoration project. We will use this information to estimate the employment impacts of this restoration project.

This initial project summary survey will take approximately 15-30 minutes to complete. You can pause at any time; simply close the window and your answers will be saved. To resume and complete the survey, you will need to click on the link to the survey in the email you received. At that point, you can answer any remaining questions and/or edit any of your previous responses. At the end of the survey, click on the "Submit" button to finish the survey.

If you have any questions about the survey or the case study, please contact me at 970-226-9164 or ccullinanethomas@usgs.gov.

Thank you,

Cathy Thomas
Economist
U.S. Geological Survey

This survey was approved by the Office of Management and Budget (1028-XXXX).

2. **Name of restoration project: _____**

3. **If applicable, name of NRDA case and state. If project is funded by more than one case settlement, please list additional case names(please use the official Restoration Program case name available at http://www.doi.gov/restoration/library/casedocs/index.cfm):**

    _____

4. **Indicate the cause of the injury to land that required restoration actions:** *(Check all that apply)*

_____Oil (OPA)
_____Hazardous substances (CERCLA)/hazardous materials (RCRA)
_____Fire
_____Human-built, temporary or permanent structures (such as roads, dams, buildings, pipelines)
_____Natural processes/hazards (e.g., flooding, landslide, mudslide, earthquake, hurricane)
_____Mining
_____Other (*please describe*)

5. **Please identify the location of the restoration actions** *(Check all that apply)*:

_____U.S. Department of the Interior land (e.g., National Park Service, Bureau of Land Management, Fish and Wildlife Service)
_____Other U.S. Government land
_____State land
_____Local land (e.g., county or city)
_____Tribal land
_____Private land
_____Land outside the U.S.

6. **Please indicate how the restoration actions were accomplished**: *(Check all that apply)*

_____Realty actions (i.e., purchased or acquired easements or otherwise acquired land for U.S. Department of the Interior Land or other U.S. Government land, private land, or land outside the U.S.) → *Directed to* **Question 7**
_____Enhancement of existing (improve baseline conditions) → *Directed to* **Question 8**
_____Creation/conversion of existing (change baseline conditions) → *Directed to* **Question 8**

7. **As part of the restoration project, indicate any realty actions (i.e., purchased or acquired easements or otherwise acquired land for U.S. Department of the Interior Land or other U.S. Government land, private land, or land outside the U.S.):** *(Check all that apply)*

_____Conservation easement
_____Land acquisition
_____Direct land swap
_____Transfer to third party for conservation
_____Other (*please describe*)

8. **Please identify the restoration site land cover:** *(check one)*

_____Primarily terrestrial → *Directed to answer **Question 9** only*

_____Primarily aquatic → *Directed to answer **Question 10** only*

_____Both aquatic and terrestrial → *Directed to answer both **Questions 9** and **10***

9. **Please indicate the land cover type or condition using the following terrestrial categories**: *(Check all that apply)*

_____Mostly broadleaf

_____Mostly conifer

_____Mostly shrub/scrub

_____Mostly herbaceous (grass, sedge, forb)

_____Barren/rock

_____Arid/desert

_____Waste/impaired for organismal life

_____Built (human-based structures and roads)

_____Other (*please describe*)

10. **Please indicate the land cover type or condition using the following aquatic categories**: *(select all that apply)* → *Directed to answer **Question 11** if "Riverine" is selected. Respondent will be directed to **Question 12** otherwise.*

_____Riverine (non-tidal) → *Directed to answer **Question 11***

_____Lacustrine (lake environment)

_____Marine

_____Tidally influenced/coastal/beach

_____Wetland

_____Spring/fen (groundwater influenced)

_____Other (*please describe*)

11. **Please indicate the type of riverine system using these sub-categories:**

_____Perennial stream/river

_____Intermittent stream/creek

_____Headwater channel

_____Other (*please describe*)

12. **Please select the restoration focus that applies to this specific action. Please note that restoration intended to benefit specific organisms primarily through habitat work should be considered habitat-based**: *(Check all that apply)*

_____Habitat-based → *Directed to answer **Questions 13***

_____Organism-based → *Directed to answer **Questions 14-17***

_____Non-biotic human use and/or cultural (non-Tribal) → *Directed to answer **Questions 18** and **19***

_____Tribal → *Directed to answer **Question 20***

13. Please indicate the habitat-based restoration actions using the following categories:
   (Check all that apply)

_____Planting
_____Seeding
_____Propagating
_____Storage (e.g., seed banking)
_____Invasive species control
_____Cropland conversion
_____Woody fuels management
_____Herbaceous fuels management
_____Vegetation management
_____Debris addition (e.g., coarse woody)
_____Bank stabilization/erosion control
_____Contouring
_____Dam removal
_____Channelization
_____De-channelization
_____Culvert replacement
_____Erosion control
_____Sediment removal
_____Coral reef restoration
_____Wetland creation
_____Marsh creation
_____Shoreline restoration
_____Other

14. Please indicate which of the following were included in the organism-based restoration actions: *(Check all that apply)*

_____Bird → *Directed to **Questions 15** and **16***
_____Fish → *Directed to **Questions 15** and **16***
_____Mammal → *Directed to **Questions 15** and **16***
_____Amphibian → *Directed to **Questions 15** and **16***
_____Reptile → *Directed to **Questions 15** and **16***
_____Mollusc → *Directed to **Questions 15** and **16***
_____Invertebrate (not including mollusc) → *Directed to **Questions 15** and **16***
_____Grass → *Directed to **Questions 15** and **17***
_____Forb → *Directed to **Questions 15** and **17***
_____Shrub → *Directed to **Questions 15** and **17***
_____Tree → *Directed to **Questions 15** and **17***
_____Other (e.g., lichen, moss, etc.) (*please describe*)

15. Please indicate the listing status of the organism on which the restoration actions were focused: *(Check all that apply)*

_____Federally threatened or endangered species
_____State threatened or endangered species
_____Non-listed species

_____Other special concerns (*please describe*)

16. Please indicate the faunal organism-based restoration actions: *(Check all that apply)*

_____Protection
_____Breeding/Hatching/Rearing
_____Nest creation/inserts
_____Reintroduction/translocation
_____Other (*please describe*)

17. Please indicate the floral organism-based restoration actions: *(Check all that apply)*

_____Protection
_____Plant propagation
_____Seeding
_____Planting
_____Storage (e.g., seed banking)
_____Other (*please describe*)

18. Please indicate the non-biotic human use restoration actions of this project: *(Check all that apply)*

_____Built/replaced/repaired (e.g., buildings, boat ramps, trails)
_____Education (e.g., signage, visitor center, audio/visual materials, social media, classes)
_____Removal (e.g., dam, building, road)
_____Other (*please describe*)

19. **If applicable, please indicate the non-biotic human use restoration actions that were conducted for cultural, non-tribal purposes and provide a brief description of this purpose (e.g., archaeological, historical significance):** *(Check all that apply, plus open-ended response for each checked action)*

_____Built/replaced/repaired (e.g., buildings, boat ramps, trails)
_____Education (e.g., signage, visitor center, audio/visual materials, social media, classes)
_____Removal (e.g., dam, building, road)
_____Other (*please describe*)

20. Please indicate the tribal restoration actions of this project: *(Check all that apply)*

_____ Cultural/religious/spiritual
_____ Ecological
_____Educational (e.g., job training, scholarships, signage, interpretation)
_____Economic (e.g., commercial fishery, tourism)
_____Other (*please describe*)

21. Did you hire any contractors to work on this restoration project? (*Contractors are firms hired to perform and conduct components of this restoration project*)

_____Yes →*question 27*

_____No →*question 22*

22. What was the total project expenditure? $_____

23. Non-monetary exchanges: Were any non-monetary exchanges included in the project? An example of a non-monetary exchange would be paying a contractor with timber removed from the restoration site as part of the larger restoration project.

     _____Yes →*question 24*
     _____No →*question 25*

24. Please provide any additional information on the exchange and how the products of the exchange may be used (e.g., biomass for energy production, timber likely destined for a pulp mill, or furniture production). Please be as specific as possible.

25. Please describe the restoration action(s) that were performed for this restoration project. For each action, please indicate the type of action. For example, if you did archeological work in-house as part of your planning and part of your monitoring, you would write archeology as Action 1 and check both the planning and monitoring boxes for that action.

	Type of Action		
	Planning	**Implementation**	**Monitoring**
Action 1:_____	☐	☐	☐
Action 2: _____	☐	☐	☐
Action 3: _____	☐	☐	☐
Action 4: _____	☐	☐	☐
Action 5: _____	☐	☐	☐

26. This is the end of the survey. Thank you for taking the time to provide this information about your restoration project. In order to prevent duplication of data, can you please tell us if you have been asked similar questions about this restoration project by another federal agency. If yes, please identify the federal agency.

27. How many different contractors were hired to work on this restoration project? *(Can be any whole number)_____*

28. How much was spent in-house and on contracting? *(Contracting expenditures include the total amount to hire firms to perform and conduct components of this restoration project.)*

Total Expenditures ($)

In-House	_____
Contractor 1	_____
Contractor 2	_____
Contractor 3	_____
Contractor 4	_____
Contractor 5	_____

= X (sum of total project costs)

29. **Non-monetary exchanges: Were any non-monetary exchanges included in the project? An example of a non-monetary exchange would be paying a contractor with timber removed from the restoration site as part of the larger restoration project.**

> _____Yes →*question 30*
>
> _____No →*question 31*

30. **Please provide any additional information on the exchange and how the products of the exchange may be used (e.g., biomass for energy production, timber likely destined for a pulp mill, or furniture production). Please be as specific as possible.**

31. **Please describe the restoration action(s) that were <u>performed in-house</u>. For each action, please indicate the type of action. For example, if you did archeological work in-house as part of your planning and part of your monitoring, you would write archeology as Action 1 and check both the planning and monitoring boxes for that action.**

	Type of Action		
	Planning	**Implementation**	**Monitoring**
Action 1:_____	☐	☐	☐
Action 2:_____	☐	☐	☐
Action 3: _____	☐	☐	☐
Action 4: _____	☐	☐	☐
Action 5: _____	☐	☐	☐

32. **Please provide contact information, payment amount, and starting and ending dates for one contractor hired for this restoration project.**

Name of firm: _____

Point of contact: _____

Phone number: _____

Email address: _____

33. **Please describe the restoration action(s) that this <u>contractor</u> was hired to do. For each action, please indicate the type of action. For example, if the contractor was hired to do archeological work as part of your planning and part of your monitoring, you would write archeology as Action 1 and check both the planning and monitoring boxes for that action.**

	Type of Action		
	Planning	**Implementation**	**Monitoring**
Action 1:_____	☐	☐	☐
Action 2:_____	☐	☐	☐
Action 3: _____	☐	☐	☐
Action 4: _____	☐	☐	☐
Action 5: _____	☐	☐	☐

34. **Do you have contact information for another contractor to enter?**

_____Yes →*repeat questions 32-34*

_____No →*35*

35. **This is the end of the survey. Thank you for taking the time to provide this information about your restoration project. In order to prevent duplication of data, can you please tell us if you have been asked similar questions about this restoration project by another federal agency. If yes, please identify the federal agency.**