

Otis Bay, Inc.
P.O. Box 919
Verdi, NV 89439
(775) 345-9960
www.otisbay.com

Awarded SINS:
899-1
899-7
899-8

GSA

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www.gsaadvantage.gov

GS-10F-0331Y

About Otis Bay, Inc.

Since the mid -1800s, when European-style settlement dominated the western states, aquatic and riparian resources have been in rapid decline. Riverine and spring habitats are substantially more biologically rich than any other habitats in the West. However, human-induced alterations threaten to dramatically change western landscapes and decrease the biological richness of riparian habitats. The founder and employees of Otis Bay, Inc., are dedicated to restoring altered riparian systems to natural, self-sustaining ecosystems to preserve native biological diversity.

In order to restore a sustainable ecosystem, Otis Bay employs the following methods:

- Site assessments and studies of the physical and biological environment designed to understand the ecological processes that maintain riverine, spring, or wetland environments that support and sustain indigenous wildlife.
- Determine the degree of disturbance and describe pre-disturbance conditions.
- Examine less disturbed sections of the project system, and/or analog systems in a similar environment to use as a restoration template.
- Implement analytical techniques (e.g., hydraulic modeling and bed sediment transport calculations) to iteratively develop an appropriate restoration design.
- Develop designs that are consistent with natural features and will be supported and sustained by natural processes.
- Implement remediation services, including river and spring restoration, vegetation enhancement, landscape improvements and fish passage/barrier building; ecological function and wildlife habitat enhancement.

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1 GSA Contract

GENERAL SERVICES ADMINISTRATION

Federal Acquisition Service
Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA Advantage!**[™], a menu-driven database system. The INTERNET address for **GSA Advantage!**[™] is: <http://www.GSAAdvantage.gov>.

Schedule for: Environmental & Remediation Services

Federal Supply Group: 899 Class: F999

Contract Number: GS-10F-0331Y

For more information on ordering from Federal Supply Schedules

click on the FSS Schedules button at <http://www.gsa.gov/schedules-ordering>

Contract Period: May 29, 2012 – May 29, 2017

Contractor: OTIS BAY, INC.
375 W US HWY 80
VERDI, NV 89439

Business Size: Small Business

Telephone: (775) 345-9960
FAX Number: (775) 345-9963
Web Site: www.otisbay.com
E-mail: chad_gourley@att.net
Contract Administration: Chad Gourley

www.otisbay.com

2 Pricelist

AWARDED SINS	LABOR CATEGORY	MINIMUM EDUCATION/ CERTIFICATION LEVEL	MINIMUM YEARS OF EXPERIENCE	BASE PERIOD				
				YEAR 1 05/30/12- 05/29/13	YEAR 2 05/30/13- 05/29/14	YEAR 3 05/30/14- 05/29/15	YEAR 4 05/30/15- 05/29/16	YEAR 5 05/30/16- 05/29/17
899-1, 899-7, 899-8	Project Manager	Bachelor's	10	\$100.76	\$103.38	\$106.07	\$108.83	\$111.65
899-1, 899-8	Managing Scientist/Hydrologist	Bachelor's	10	\$100.76	\$103.38	\$106.07	\$108.83	\$111.65
899-1, 899-8	Senior Fluvial Hydrologist	Master's D	10	\$125.94	\$129.21	\$132.57	\$136.02	\$139.56
899-1,899-8	Hydrologist	Bachelor's	2	\$95.96	\$98.45	\$101.01	\$103.64	\$106.34
899-1,899-8	Senior Civil Engineer	Bachelor's	10	\$119.07	\$122.17	\$125.34	\$128.60	\$131.94
899-1, 899-8	Civil Engineer	Bachelor's	2	\$105.14	\$107.87	\$110.68	\$113.56	\$116.51
899-1, 899-7, 899-8	Senior Landscape Architect	Bachelor's	10	\$95.72	\$98.21	\$100.76	\$103.38	\$106.07
899-1, 899-7, 899-8	Landscape Architect	Bachelor's	2	\$85.64	\$87.87	\$90.15	\$92.50	\$94.90
899-1, 899-8	Senior Plant Ecologist	Bachelor's	5	\$95.72	\$98.21	\$100.76	\$103.38	\$106.07
899-1, 899-8	Plant Ecologist	Bachelor's	2	\$85.64	\$87.87	\$90.15	\$92.50	\$94.90
899-1, 899-7, 899-8	Senior Biologist	Bachelor's	5	\$75.57	\$77.53	\$79.55	\$81.62	\$83.74
899-1, 899-7	Biologist	Bachelor's	2	\$75.57	\$77.53	\$79.55	\$81.62	\$83.74
899-1, 899-8	Senior Scientist	Bachelor's	5	\$95.72	\$98.21	\$100.76	\$103.38	\$106.07
899-1, 899-7, 899-8	GIS Specialist	Bachelor's	2	\$85.64	\$87.87	\$90.15	\$92.50	\$94.90
899-1, 899-8	AutoCAD Specialist	Bachelor's	2	\$85.64	\$87.87	\$90.15	\$92.50	\$94.90
899-1, 899-8	Field Technician	High School	2	\$45.34	\$46.52	\$47.73	\$48.97	\$50.24
899-1, 899-8	Administration	High School	10	\$45.34	\$46.52	\$47.73	\$48.97	\$50.24
899-8	Earth Moving Manager	High School	10	\$95.72	\$98.21	\$100.76	\$103.38	\$106.07
				N/A	YEAR 2 10/15/13- 10/14/14	YEAR 3 10/15/14- 10/14/15	YEAR 4 10/15/15- 10/14/16	YEAR 5 10/15/16- 10/14/17
899-8	Remediation Manager	High School	10	n/a	\$100.76	\$103.38	\$106.07	\$108.83
899-8	Remediation Foreman	High School	10	n/a	\$95.72	\$98.21	\$100.76	\$103.38
899-8	Equipment Operator	Prof. Cert.	10	n/a	\$90.68	\$93.04	\$95.46	\$97.94
899-8	Dump Truck Operator	Prof. Cert.	1	n/a	\$50.38	\$51.69	\$53.03	\$54.41
899-8	General Laborer	None	1	n/a	\$45.34	\$46.52	\$47.73	\$48.97
899-8	Excavator 314	None	0	n/a	\$55.42	\$56.86	\$58.34	\$59.86
899-8	Excavator 350	None	0	n/a	\$65.49	\$67.19	\$68.94	\$70.73
899-8	Skidsteer 287	None	0	n/a	\$25.19	\$25.84	\$26.52	\$27.21
899-8	Skidsteer 299	None	0	n/a	\$35.26	\$36.18	\$37.12	\$38.08
899-8	Loader 966	None	0	n/a	\$105.79	\$108.54	\$111.36	\$114.26
899-8	Field Truck w/fuel Daily	None	0	n/a	\$151.13	\$155.06	\$159.09	\$163.23
899-8	Service Truck w/fuel Daily	None	0	n/a	\$201.51	\$206.75	\$212.12	\$217.64
899-8	15 Ton Dump Truck	None	0	n/a	\$85.64	\$87.87	\$90.15	\$92.50
899-8	Chipper	None	0	n/a	\$65.49	\$67.19	\$68.94	\$70.73

Service Contract Act (SCA) Matrix

SCA Eligible Labor Category	SCA Equivalent Code-Title	WD Number
Administration	01020 - Administrative Assistant	05 - 2333
CAD Specialist	30062 - Drafter/CAD Operator III	05 - 2333
Heavy Equipment Operator	23440 - Heavy Equipment Operator	05 - 2331
Laborer	23470 - Laborer	05 - 2331
Truck Driver, Medium Truck	31362 - Truck Driver, Med. Truck	05 - 2331
Truck Driver, Heavy Truck	31363 - Truck Driver, Heavy Truck	05 - 2331
Truck Driver, Tractor-Trailer	31364 - Truck Driver, Tractor-Trailer	05 - 2331

The Service Contract Act (SCA) is applicable to this contract and includes SCA applicable labor categories. The prices for the cited SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix and above. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.

3 Statement of Qualifications

Otis Bay Inc., is a small ecological consulting firm based out of Washoe County, Nevada whose primary specialties include river and spring rehabilitation and enhancement and upland landscape and wildlife restoration. Otis Bay provides a unique mix of expertise in the fields of biological, environmental, and physical sciences as they apply to ecosystem restoration, ecosystem protection, and sustainable ecosystem recovery. Its team of experts is experienced in working with sensitive species and associated habitats. Otis Bay has a record of completing successful restoration projects that have increased populations of conservation target species, enhanced aesthetic values of landscapes, and created opportunities for outdoor recreation.

The primary mission of Otis Bay is to restore processes and functions of native ecosystems that sustain biological heritage. Otis Bay focuses on restoration of physical and ecological processes to sustain native species while providing opportunities for human use and enjoyment. Otis Bay's restoration design approach applies knowledge of natural environmental processes to improve critical ecological functions.

3.1 Company Background

Otis Bay's founder, Chad Gourley, began a career in river rehabilitation in 1985 while working for the State Engineer in Utah. During his tenure, he designed and constructed a large-scale river rehabilitation project that included reconstructing a long reach of the East Fork of the Sevier River. In 1994, he started restoration work on the lower Truckee River in Nevada, which included livestock fencing, ecosystem flow management, and river assessment. In 1996, Chad started working on design for the Provo River in Heber Valley, Utah where he was the principal designer but also continued to work on the Truckee River. In 2000, Chad started river rehabilitation consulting work in Nevada and Utah. In 2002, Chad formed Otis Bay, Inc. and has grown from a one-person operation to the current company of 17 employees and with remediation capabilities.

3.2 Team Background and Experience

Otis Bay is comprised of a team of experts dedicated to restoring native aquatic and upland ecosystems.

Our team members have training and expertise in the following fields:

- Civil Engineering
- Landscape Architecture
- Bioengineering
- Hydrology
- Geomorphology
- Geology
- Habitat Assessments
- Sediment Transport Assessments
- Restoration Assessments and Recommendations
- Restoration Design
- NEPA Compliance
- River Restoration and Enhancement
- Design and Build Wetlands
- Hydrogeology
- HEC-RAS Hydraulic Modeling
- Landscape Ecology
- Habitat Modeling
- Fire Ecology
- Biology
- Botany
- Wildlife Ecology
- Wildlife Monitoring
- Vegetation Mapping and Monitoring
- Plant Propagation
- Upland Reclamation
- Spring Restoration
- Bird Surveys
- GIS Analysis and Mapping
- GIS Tool Development
- Multivariate Statistics
- Technical Writing
- Instream Ecosystem Flow Studies
- Land and Topographic Surveying
- Auto-CAD 2D and 3D Drafting
- LiDAR Processing
- Public Presentations
- Remediation Implementation
- Fish Barrier Design and Building
- Fish Ladders and Fish Passage

4 Labor Category Descriptions

PROJECT MANAGER

Tasks include planning, scheduling, coordination and oversight of current and future projects. Individual must have knowledge of geology, hydrology, hydraulics, plant ecology, and wildlife biology, to enable them to advise staff. Position requires a minimum of a Bachelor's Degree with ten years' experience.

MANAGING SCIENTIST/ HYDROLOGIST

Tasks include oversight and guidance of staff for design and implementation of river, spring and wetland restoration projects. Job requires site visits and assessments, surveying, HEC-RAS modeling, and professional recommendations. Position requires a minimum of a Bachelor's degree with ten years' experience.

SENIOR FLUVIAL HYDROLOGIST

Primary duties are basin geomorphic and hydrologic analysis, sediment transport analysis, and hydraulic flow regime evaluation and recommendations. The Senior Hydrologist is expected to write detailed reports, give public presentations and represent Otis Bay, Inc. and clients in public forums. Position requires a Master's Degree with a minimum of ten years' experience.

HYDROLOGIST

Primary duties are basin-hydrology modeling, hydraulic modeling, stream gage statistical evaluation, and restoration planning and review. Position requires a minimum of a Bachelor's Degree with two years' experience.

SENIOR CIVIL ENGINEER

Primary duties include basin-hydrology modeling, hydraulic modeling, stream gage statistical evaluation, and restoration planning and review. Experience should include engineering design, construction management, and coordination with scientists, agencies and landowners. Position requires a minimum of a Bachelor's Degree, P.E, with 10 years' experience.

CIVIL ENGINEER

Primary duty is to assist the Senior Engineer with engineering design, project assessments, and restoration planning. Position requires a minimum of a Bachelor's Degree with two years' experience.

SENIOR LANDSCAPE ARCHITECT

Primary duties include design plans for recreational and environmental projects; produce AutoCAD drawings for detailed restoration components that include re-vegetation planting plans and recreational park facility design plans. Position requires a minimum of a Bachelor's Degree with ten years' experience.

LANDSCAPE ARCHITECT

Primary duty is to assist the Senior Landscape Architect with land-use planning design and computer graphics. Position requires a minimum of a Bachelor's Degree with 2 years' experience.

SENIOR PLANT ECOLOGIST

Primary duties include plant identification, plant ecology, fire ecology, vegetation mapping, herbarium voucher specimen mounting and cataloging, planning and implementing the treatment and removal of non-native plant species and re-vegetation planning and implementation. Position requires a minimum of a Bachelor's Degree with 5 years' experience.

PLANT ECOLOGIST

Primary duty is to assist Senior Plant Ecologist with assessment, planning and implementation of re-vegetation projects. Position requires a minimum of a Bachelor's Degree with 2 years' experience.

SENIOR BIOLOGIST

Primary duties include wildlife data review compilation and evaluation, report writing, editing, literature and/or data review with an emphasis on wildlife habitat quality and human land-use issues. Position requires a minimum of a Bachelor's Degree with 5 years' experience.

BIOLOGIST

Primary duty is to assist the Senior Biologist with habitat restoration planning and implementation. Position requires a minimum of a Bachelors' Degree with 2 years' experience.

SENIOR SCIENTIST

Primary duties include review, interpret and analyze field data collected from the Senior Fluvial Hydrologist, Senior Plant Ecologist and Senior Biologist, coordination with Project manager including task order implementation and performance. Position requires a minimum of a Bachelor's Degree with 5 years' experience.

GIS SPECIALIST

Primary duty is to assist the Senior GIS Specialist with the creation of GIS mapping, modeling and collecting spatial data for analysis. Position requires a minimum of a Bachelor's Degree with 2 years' experience.

AUTOCAD SPECIALIST

Primary duty is to assist the Senior CAD Specialist with AutoCAD drawings and to interact with the GIS Specialist. Position requires a minimum of a Bachelor's Degree with 2 years' experience.

FIELD TECHNICIAN

Primary duties include assisting the Senior Plant Ecologist and Senior Biologist with implementing re-vegetation and habitat enhancement restoration projects, data entry and report writing. Position requires a High School Diploma with a minimum of 2 years' of field experience.

ADMINISTRATION

Position requires a High School Diploma with a minimum of 10 years' experience in all phases of office management, including payroll with tax payments and reports, accounts receivable, accounts payable and human resource knowledge.

REMEDIATION MANAGER

Responsible for planning, scheduling, coordination, and oversight of landscape, river, spring and wetland restoration, including excavation, site remediation, riparian enhancements, and ordering of any necessary materials for the completion of the project. Ensures implementation of best management practices (BMPs). Position requires a High School Diploma with a minimum of 10 years' experience and 30 hour OSHA Certification.

REMEDIATION FOREMAN

Assists Remediation Manager with oversight and completion of projects, supervises Equipment Operators and Laborers. Position requires a High School Diploma with a minimum of 10 years' experience and 30 hour OSHA Certification.

HEAVY EQUIPMENT OPERATOR

Expertise in operating and maintaining a variety of heavy machinery including excavators, skid steers, road graders, bulldozers, chippers, and loaders. Operator possesses a CDL license for the transportation of equipment. Position requires a High School Diploma with a minimum of 3 years' experience, 30 hour OSHA Certificate and a Commercial Driver's License.

DUMP TRUCK OPERATOR

Operator drives dump truck on site and off site for the loading and unloading of excavation materials. Position requires a High School Diploma with a minimum of 1 year experience, 10 hour OSHA Certificate and a Commercial Driver's License.

GENERAL LABORER

Performs multiple labor tasks including assisting the Heavy Equipment Operator as needed, shoveling, chainsawing, planting, moving materials, loading and unloading trucks. Position requires a High School Diploma with a minimum of 1 year experience, and 10 hour OSHA Certificate.

5 Customer Information

- 1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:
899-8/8RC, 899-7/7RC, 899-1/1RC
- 1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer should show the range of the lowest price and cite the areas to which the prices apply.
- 1c. If the Contractor is proposing hourly rates a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.
2. Maximum Order: **\$1,000,000.00**
3. Minimum Order: **\$100.00**
4. Geographic Coverage (delivery Area): **Domestic only**
5. Point(s) of production (city, county, and state or foreign country): **Same as company address**
6. Discount from list prices or statement of net price: Government net prices (discounts already deducted). **See Attachment.**
7. Quantity discounts: **5% for orders exceeding \$400,000.00**
8. Prompt payment terms: **Net 30 days**
- 9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold: **Yes**
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: **Accepted**
10. Foreign items (list items by country of origin): **None**
- 11a. Time of Delivery (Contractor insert number of days): **Specified on the Task Order**
- 11b. Expedited Delivery. The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery: **Contact Contractor**

- 11c. Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: **Contact Contractor**
- 11d. Urgent Requirements. The Contractor will note in its price list the “Urgent Requirements” clause of its contract and advise agencies that they can also contact the Contractor’s representative to effect a faster delivery: **Contact Contractor**
12. F.O.B Points(s): **Destination**
- 13a. Ordering Address(es): **Same as Contractor**
- 13b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).
14. Payment address(es): **Same as company address**
15. Warranty provision: **Contractor’s standard commercial warranty.**
16. Export Packing Charges (if applicable): **N/A**
17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): **Contact Contractor**
18. Terms and conditions of rental, maintenance, and repair (if applicable): **N/A**
19. Terms and conditions of installation (if applicable): **N/A**
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): **N/A**
- 20a. Terms and conditions for any other services (if applicable): **N/A**
21. List of service and distribution points (if applicable): **N/A**
22. List of participating dealers (if applicable): **N/A**
23. Preventive maintenance (if applicable): **N/A**
- 24a. Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants: **N/A**
- 24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor’s website or other location.) The EIT standards can be found at: www.Section508.gov/.
25. Data Universal Numbering System (DUNS) number: **145061011**
26. Notification regarding registration in System for Award Management (SAM) database: **Registered**

6 How to Buy

For services, the ordering procedures and information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage (fsa.gsa.gov/schedules).

7 Project Examples

Refuge-Wide Assessment 2012 Pahrangat National Wildlife Refuge

Otis Bay used Light Detection and Ranging (LiDAR) to create plans for channel and hillock construction and dike removal on Pahrangat National Wildlife Refuge (Figure 1). The image on the left depicts one foot contours generated from a LiDAR Digital Elevation Model (DEM) overlaid on a hillshade. The changes in elevation were incorporated into the LiDAR DEM and used to model potential willow habitat.

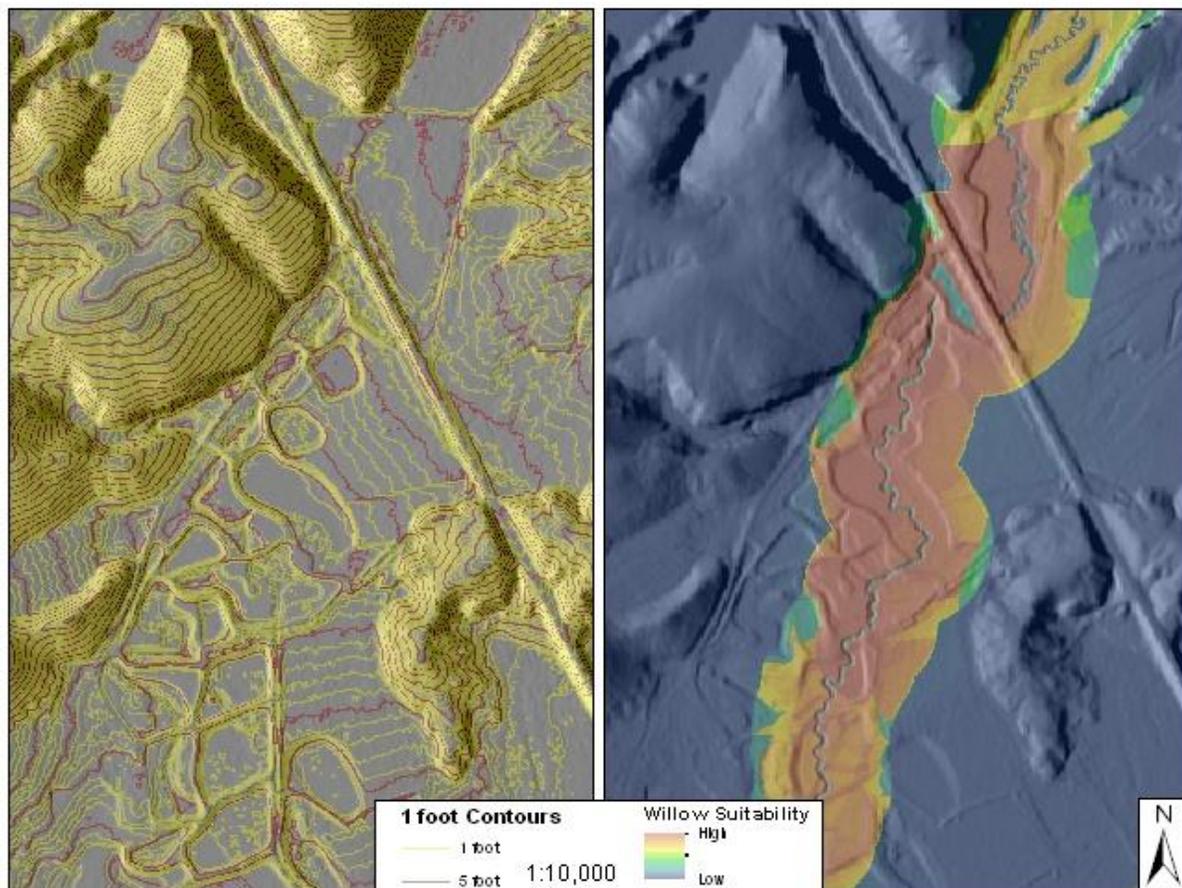


Figure 1. LiDAR data (on left) that was used to determine appropriate sites for willow planting (on right).

Black Canyon Channel Restoration 2012 Pahrangat National Wildlife Refuge

These AutoCAD drawings show the restoration design for Black Canyon, an abandoned agricultural field that was restored into a meandering stream in 2012 (Figure 2). The design was based on extensive historic, hydrologic, and geomorphic research performed by Otis Bay, Inc. For example, a water surface profile analysis of the proposed Black Canyon channel was undertaken using the U.S Army Corps of Engineers HEC-RAS 4.1 backwater model to determine appropriate channel dimensions (Figure 3).

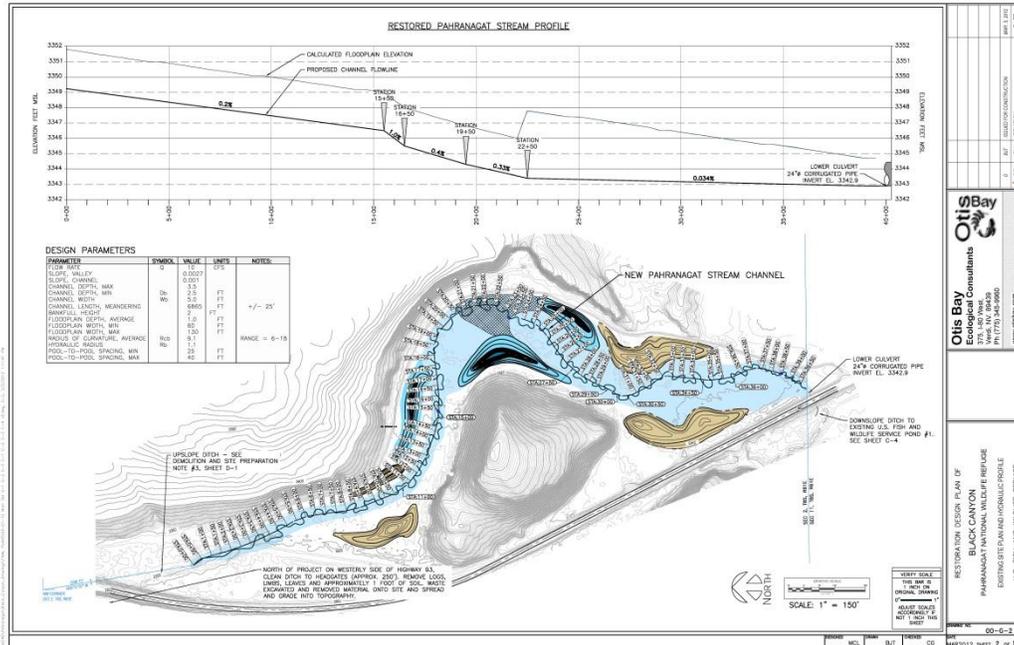


Figure 2. AutoCAD designs for Black Canyon restoration.

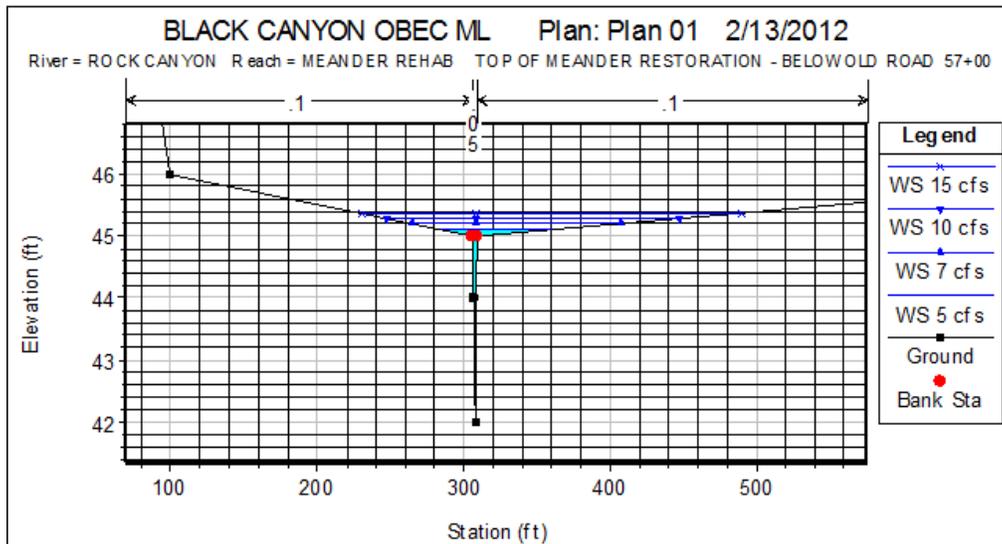


Figure 3. Hydrologic model for Black Canyon restoration planning.

Ruby Lake Relict Dace Habitat Restoration 2011 Ruby Lake National Wildlife Refuge

Otis Bay sampled fish in nine Refuge ponds in 2011, five refuge ponds during 2009, and two sites along the Franklin River in 2011. Results of genetic testing indicated that three ponds at Ruby Lake contained native relict dace, and the remaining ponds contained non-native speckled dace or hybrids. Otis Bay used this information to re-establish native populations of relict dace in restored spring pools.

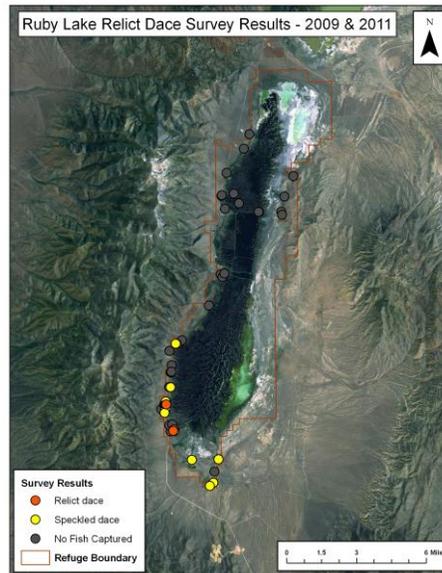


Figure 4. Fish survey results for relict and speckled dace.

**Corn Creek Revegetation Plan 2011
Desert National Wildlife Refuge**

Corn Creek Restoration and Refugium

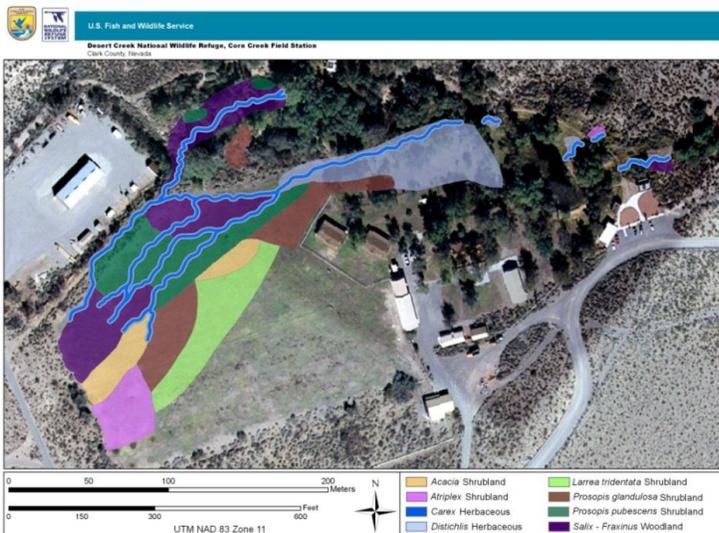


Figure 6. Otis Bay restored several spring pools and outflow channels to their historic nature and created a Refugium for endangered Pahrump poolfish.

Figure 5. This revegetation plan proposed desired vegetation types based on local vegetation, environmental conditions of the newly restored area, plant availability, and wildlife value.

North Fork Humboldt River Barrier

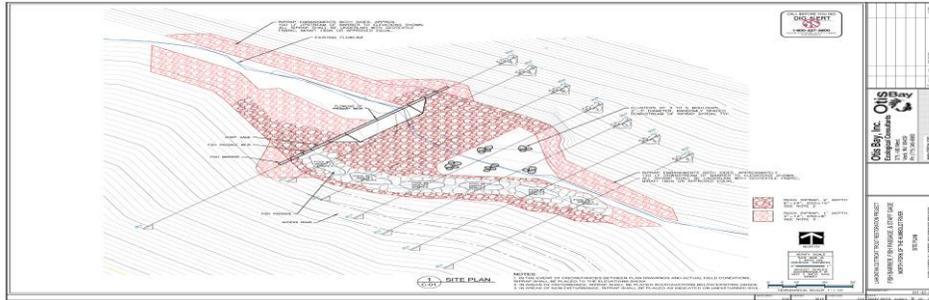


Figure 7. Otis Bay designed, engineered, and created drawings and specifications for a long-term fish barrier, fish bypass channel and stream gaging station on the North Fork of the Humboldt River.

West Walker River Fly Fishing Ranch

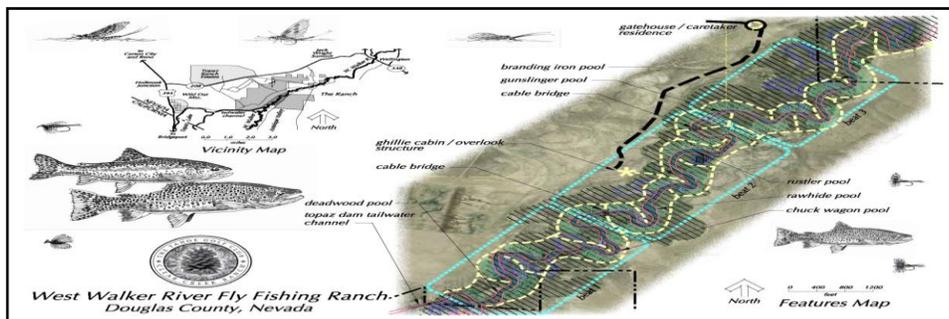


Figure 8. Otis Bay assessed a section of the West Walker River and designed stream improvements for a cold water fishing destination.

Moapa NWR Visitor Center



Figure 9. Otis Bay planned, designed and built several outdoor recreational facilities for Moapa National Wildlife Refuge Visitor Center.

Provo River Restoration Project



Figure 10. Otis Bay designed and restored five miles of new river channel associated wetlands while improving habitat for trout and native species.

Ash Meadows NWR Restoration Project



Figure 11. Otis Bay restored several spring pools and outflow channels to their historic condition for species of concern throughout Ash Meadows National Wildlife Refuge.

Paiute Reservation Tamarisk Removal



Figure 12. Otis Bay created and implemented a plan to remove tamarisk and restore native vegetation to 80 acres of land near Walker River.

Walker River Basin Assessment



Figure 13. Otis Bay compiled and analyzed physical and biological information to aid in development of a strategic plan for preservation and recovery of the Walker River System.

McCarran Ranch River Restoration



Figure 14. Otis Bay rebuilt a new river meander with riffles, pools and oxbow wetlands to re-create a functioning ecosystem along the Truckee River.

Lockwood Restoration and Trailhead Park



Figure 15. Otis Bay restored a section along the Truckee River at Lockwood Park. Otis Bay also designed and built approximately one mile of hiking trails and other recreational features for public use.