## Senior Archaeologist / Principal Investigator / Project Manager

970.946.8698 | erin.salisbury@exp.com

### **Education & Training**

- M.A. Anthropology, Northern Illinois University, 2003
- B.A. Anthropology, Michigan State University, 2001
- Comprehensive NEPA, SWCA Training Series; Denver, Colorado, 2008
- Project Manager Training, PSM&J; Phoenix, Arizona, 2007

### **Professional Registrations**

 Register of Professional Archaeologists

## **Expertise**

- Project Management
- Environmental Compliance
- Cultural Resources Management, Section 106 compliance
- Expert Witness
- Bioarchaeology
- Team Collaboration
- Program Management

#### Overview

Ms. Salisbury is an archaeologist and environmental project manager with twenty years of experience in cultural resources management. She has extensive experience in archaeological survey, data recovery, monitoring, report writing, tribal consultation, and project management/oversight for well pads, access roads, water lines, pipelines, seismic projects, transmission lines, and railroads across Minnesota, Illinois, Iowa, North Dakota, South Dakota, Nebraska, Kansas, Montana, Wyoming, Colorado, Utah, New Mexico, California, Louisiana, Texas, Oklahoma, Arkansas, Georgia, and Florida. Ms. Salisbury also has experience providing regulatory support as an expert witness.

Over the course of her career, Ms. Salisbury has dealt with many of the federal and state agencies responsible for managing cultural resources throughout the West. She has experience in National Historic Preservation Act (NHPA)/Section 106 compliance and remains current on the requirements for conducting and recording archaeological surveys mandated by such governing agencies as the Federal Energy Regulatory Commission (FERC), the Bureau of Land Management (BLM), the United States Forest Service, the Department of State (DOS), the U.S. Army Corps of Engineers (USACE), and the State Historic Preservation Offices (SHPOs). She has co-authored numerous detailed reports for seismic, pipeline, transmission line, well pad, and railroad projects throughout the West. She has experience managing CRM projects, including overseeing fieldwork, report writing, reviewing various plans, reports, and National Register of Historic Places recommendations. Ms. Salisbury is also familiar with the preparation of and management of agreement documents, such as memoranda of agreement, memoranda of understanding, and programmatic agreements.

Ms. Salisbury served as Cultural Lead and Project Manager on the Keystone XL Pipeline Project. Ms. Salisbury was responsible for all tasks related to paleontological and cultural resources for the project, including logistics and oversight of field work, client contact, consultation with all federal, state, and local agencies and tribes, file search oversight and review, compilation of the inventory reports, report reviewing, plan preparation, and all aspects of project management.

Ms. Salisbury currently serves as Tribal Outreach Program Manager and Cultural Lead on the Midwest Carbon Express CO2 Pipeline Project. Ms. Salisbury is responsible for all tasks related to oversight and management of cultural resources tasks on the project across all five states. Tribal outreach tasks include coordination with Tribal Leaders, THPOs, environmental staff, and TERO offices in engagement meetings, jobs workshops, and Tribal Traditional Cultural Property Studies.



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### **Project Experience**

 Midwest Carbon Express CO2 Pipeline Project; North Dakota, South Dakota, Nebraska, Minnesota, and Iowa (2021-current)

Provided cultural resources oversight, management of subcontractors, data management, plan preparation, report reviews, and involvement in project planning. Managed project's tribal outreach with 63 tribes, including coordination with Tribal Leaders, THPOs, environmental staff, and TERO offices. Led engagement meetings, developed jobs workshops, and supported Tribal Traditional Cultural Property Studies. *Client: Summit Carbon Solutions, LLC.* 

• Putnam Expansion Project; Columbia County, Florida (2021)

Provided cultural resources support, project review, consultation with SHPO. Role: Archaeologist. Client: Florida Gas Transmission, LLC.

- Big Bend Project; Multiple Counties, Florida (2020-2021)
  - Provided cultural resources support, management of subcontractors, data management, plan preparation, report reviews, and involvement in project planning. *Role: Archaeologist. Client: Florida Gas Transmission, LLC.*
- Blue Marlin Offshore Port (BMOP) Project; Multiple Counties, Louisiana and Texas (2020-2021)

  Provided cultural resources support, preparation of resource reports, subconsultant management, report reviews, and project planning involvement. Role: Archaeologist. Client: Energy Transfer.
- StratosFuel Renewables H2 Project; San Bernardino, California (2020-2021)

   Perpensible for cultural and pales components of the project, including records correlated.

Responsible for cultural and paleo components of the project, including records searches, CEQA document preparation, fieldwork preparation, report preparation. *Role: Archaeologist. Client: StratosFuel* 

- Panhandle Eastern Pipeline; Multiple Counties, Missouri (2019-2020)
  - Conducted multiple file search efforts for a variety of maintenance locations along the pipeline route to be completed under FERC's blanket certificate. *Role: Archaeologist. Client: Energy Transfer.*
- Double E Pipeline; Multiple Counties, New Mexico and Texas (2019)

Provided oversight and review of cultural resource components of the project, including review of subcontractor survey results and FERC resource reports. *Role: Archaeologist. Client: ExxonMobil* 

• Upland Pipeline; Multiple Counties, North Dakota (2014-2018)

Prepared the proposal and budget, planned logistics and oversight of field work, client contact, consultation with SHPO and other agencies, file search oversight and review, Class III report oversight and review, and project management, including involvement in project planning. *Role: Project Manager/Cultural Resources/Paleontology Lead. Client: TransCanada.* 

• Alaska Pipeline Project; Multiple Counties, Alaska (2013-2019)

Responsible for drafting and/or reviewing fieldwork plans, agency documents, fieldwork oversight and data review, inventory report review. Role: Cultural Resources Lead. Client: ExxonMobil.

• Delaware Basin Project; Multiple Counties, New Mexico (2014)

Provided file search oversight and review, report review and consultation. *Role: Cultural Resources Lead. Client: Navitas.* 



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- Keystone XL Pipeline Project; Multiple Counties, Montana, South Dakota, and Nebraska (2008–2021)

  Prepared the proposal and budget, planned logistics and oversight of field work, client contact, consultation with SHPO/BLM/DOS and other agencies, file search oversight and review, compilation of the inventory reports, testing plans, mitigation plans, and project management, including involvement in project planning with TC Energy. Role: Project Manager / Cultural Resources Lead / Paleontology Lead. Client: TC Energy.
- Keystone Houston Lateral Project; Multiple Counties, Texas (2012-2014)
  Planned logistics and oversight of field work and reporting. Role: Cultural Resources Lead. Client: TransCanada.
- Williams Gas Pipeline Fatal Flaw Analysis; Multiple Counties, Alabama, Georgia, and Florida (2013)
   Prepared the scope and budget, conducted file search oversight and review, data analysis, and report writing. Role: Cultural Resources Lead. Client: Williams Gas Pipeline.
- MnDOT Rochester Trail Project, Olmsted County, Minnesota (2011)

  Conducted all aspects of project work from scoping and background research to fieldwork and reporting. Role: Senior Archaeologist. Client: Minnesota Department of Transportation.
- Big Sky Kevin Dome Carbon Storage Project, Toole County, Montana (2011-2012)
   Responsible for fieldwork oversight, project methodology, agency communications, and report reviews. Role: Principal Investigator. Client: Montana State University/Big Sky Carbon Sequestration Partnership
- TransWest Express Transmission Line Project; Multiple Counties; Wyoming, Colorado, Utah, Nevada (2010-2012)
   Prepared the proposal and budget, planned logistics and oversight of cultural tasks, client contact, consultation with

Prepared the proposal and budget, planned logistics and oversight of cultural tasks, client contact, consultation with SHPO/BLM and other agencies, coordinated with tribes, file search oversight and review, and project management. Role: Project Manager/Senior Archaeologist. Client: AECOM/Power Company of Wyoming.

- Keystone XL Pipeline Project; Multiple Counties, Montana and South Dakota (2008–2012)
   Prepared the proposal and budget, planned logistics and oversight of field work, client contact, consultation with SHPO/BLM and other agencies, coordinated with tribes and attended tribal meetings, file search oversight and review, compilation of the inventory reports, testing plans, mitigation plans, and project management, including involvement in project planning with TransCanada. Role: Project Manager/Principal Investigator. Client: exp Energy Services/TransCanada.
- DM&E Powder River Basin Railroad Expansion Project; Minnehaha County, Minnesota (2006–2010):
  Responsible for all efforts related to archaeology for the project, including coordination and management of all archaeological, geomorphological, and paleontological subconsultants and field crews across all three states (Minnesota, South Dakota, and Wyoming). Work directly with the client to manage the remaining cultural resources tasks including, report review, tribal consultation, management of many individuals working full time on the project, and coordination and planning with DM&E's engineering staff. Also coordinates regularly with all agencies related to the project, specifically the Surface Transportation Board and their third-party representatives. Role: Project Manager/Senior Archaeologist. Client: HDR Engineering/DM&E.
- Dakota-3 E&P Company; Multiple Counties, North Dakota (2011-2012)

  Class III surveys on numerous projects for oil and gas related infrastructure (e.g., well pads, pipelines, gathering lines, access roads) in North Dakota. Role: Senior Archaeologist/Principal Investigator.

  Client: Dakota-3 E&P Company, LLC.

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### • Niobrara 3D; Weld County, Colorado (2010-2011)

Class III survey of seismic project. Role: Senior Archaeologist. Client: Geokinetics USA, Inc.

### Jonah 3D; Sublette County, Wyoming (2010)

Class III survey of seismic project. Role: Senior Archaeologist. Client: Global GeoPhysical Services, Inc.

#### Zenergy Projects (2009)

Class III surveys on numerous projects for well pads and access roads in North Dakota. *Role: Principal Investigator. Client: Zenergy Operating Company, LLC.* 

## • Simray Projects (2009)

Class III survey of well pad and access road in North Dakota. Role: Principal Investigator. *Client: Simray Production Company.* 

### Questar Projects (2009)

Class III surveys on numerous projects for well pads and access roads in North Dakota. *Role: Principal Investigator. Client: Questar Exploration and Production Company.* 

## • Prairie Rose Pipeline; Mountrail County, North Dakota (2008–2009)

Prepared the proposal and budget, planned logistics and oversight of field work, client contact, consultation with SHPO, file search oversight and review, compilation of the inventory reports, editing, and project management. *Role: Project Manager. Client: HDR Engineering/Pecan Pipeline.* 

## Arrow Midstream Pipeline; McKenzie and Dunn County, North Dakota (2008)

Reviewed final report documenting the literature review and fieldwork results of a 20-mile-long pipeline project. *Role: Senior Archaeologist. Client: Arrow Midstream Holdings.* 

## • Gunnison Rising; Gunnison County, Colorado (2008–2009)

Prepared the proposal and budget, planned logistics and oversight of field work, client contact, file search oversight and review, compilation of the inventory reports, editing, and project management. *Role: Project Manager. Client: Gunnison Valley Partners, LLC.* 

• Cultural Resource Inventories of U.S. Army Corps of Engineers (USACE) Lands; Multiple Counties, North Dakota, South Dakota, Nebraska (2008–2011)

Provided oversight and coordination for cultural resources inventories and reports of several reservoir locations on U.S. Army Corps land. *Role: Senior Archaeologist. Client: USACE Omaha District.* 

## • Ute Ethnohistory Project; Eagle County, Colorado (2009)

Prepared the scope of work, planned logistics and oversight of project tasks, client contact, report review, editing, and project management. Role: Project Manager. Client: JGMS/United States Forest Service.

Parshall 13-26 Well Pad Project; Mountrail County, North Dakota (2009): Reviewed final report documenting results of a literature review for a well pad site. Role: Senior Archaeologist. Client: Pecan Pipeline.

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Piceance Creek 3-D Geophysical Exploration Project; Rio Blanco County, Colorado (2008)
Reviewed report documenting 242 cultural resources within 4,871 acres in Rio Blanco County,
Colorado. Role: Senior Archaeologist. Client: Williams Production RMT.

- Ryan Gulch 3-D Geophysical Exploration Project; Rio Blanco County, Colorado (2008)
   Reviewed report documenting 108 cultural resources within 47,366 acres in Rio Blanco County managed by the BLM (White River Field Office). Role: Senior Archaeologist. Client: St. Croix Seismic.
- Cultural Resource Inventories of USACE Lands; McKenzie County, North Dakota; Crow Creek Reservation, South Dakota; and the Cottonwood Springs and Cold Brook Reservoirs, Black Hills, South Dakota; North Dakota and South Dakota (2008)

Reviewed final report documenting the literature review and fieldwork results of inventoried conducted at several reservoir locations on U.S. Army Corps land. *Role: Senior Archaeologist. Client: USACE.* 

Hudson Parcel; Weld County, Colorado (2008)

Prepared the proposal and budget, planned logistics and oversight of field work, client contact, file search oversight and review, compilation of the inventory reports, editing, and project management. *Role: Project Manager. Client: Renaissance Homes of Douglas County.* 

- Illinois DOT Workshop Facilitation; Champaign County, Illinois (2008–2009)
   Planned logistics and oversight of work, client contact, compilation of reports, editing, and project management. Role: Project Manager. Client: U.S. Institute for Environmental Conflict Resolution.
- National Historic Property Inventory Initiative Survey, An Analysis and Summary of Current Database
   Management System within the Historic Preservation Community; NRHP office, Washington D.C. (2008)
   Duties include interviewing various SHPOs, THPOs, and FPOs about the database management systems they use.
   The project included a comprehensive study and synthesis of the current database management systems and
   database management philosophy for storage, software, and spatial information with regard to cultural resource
   management practices. Role: Senior Archaeologist. Client: National Conference of State Historic Preservation.
- Rugby Wind Farm; North Dakota (2008)
   Prepared the budget, file search oversight and review, and project management. Role: Project Manager. Client: HDR Engineering.
- Big Stone; Burleigh County, North Dakota (2008)

  Prepared the budget, file search oversight and review, and project management. Role: Project Manager. Client: HDR Engineering.
- Lone Pine Lateral Data Recovery, BOR Transfer; Dolores, Colorado (2007)
   Several burials and mixed human remains within seven sites were excavated along an irrigation lateral as part of the Dolores Archaeological Project. Responsibilities included identifying the elements within the mixed human remains assemblage to determine the minimum number of individuals (MNI) prior to the remains being accessioned to the Colorado Office of Archaeology and Historic Preservation (OAHP). Role:
   Bioarchaeologist. Client: Bureau of Reclamation.



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### • Overland Pass Pipeline; Multiple Counties, Wyoming (2006)

Tasks include fieldwork management, delegation of GIS and Site Form data compilation, and Class III report writing. Assisted the Project Manager with day-to-day oversight of the 30+ employees working on the project, including 20+ in the field conducting work. Coordinated paperwork/GPS data on a daily basis and managed the site data for the project. *Role: Assistant Project Manager/Archaeologist. Client: Natural Resource Group.* 

## Animas-La Plata Cultural Resources Mitigation; Durango, Colorado (2005–2006)

Analyzing human remains and preparing them for repatriation along with associated funerary objects, in addition to performing data entry and editing of osteological forms for the Animas La Plata (ALP) Archaeological Project. Analyses were performed in accordance with Standards for Data Collection from Human Skeletal Remains (Buikstra and Ubelaker, 1994) and include skeletal inventory, adult and subadult age determination, sex determination, all pathologies, dental data and pathologies, non-metrics, metrics, and muscle attachment measurements. *Role: Bioarchaeologist. Client: Ute Mountain Ute Tribe.* 

## Cathedral Bluffs Repeater Station Survey; Rio Blanco County, Colorado (2004)

Conducted an archaeological survey for a proposed repeater station on BLM land along Cathedral Bluffs. *Role: Archaeologist. Client: EnCana Corporation, Rangely Office.* 

## • Greeley Bottling Plant Surveys; Weld County, Colorado (2004)

Conducted an archaeological survey for a proposed meter station in Weld County. *Role: Archaeologist. Client: Colorado Interstate Gas.* 

## • Well Pad Surveys; De Beque, Colorado (2004)

Conducted archaeological surveys of proposed well pads and access roads on BLM land south of De Beque. *Role: Archaeologist. Client: EnCana Corporation, Rifle Office.* 

### • PCU Interconnect Pipeline; Rifle, Colorado (2004)

Conducted archaeological surveys of proposed pipelines, water lines, and a holding pond for the PCU Interconnect Pipeline on BLM land north of Rifle, Colorado. *Role: Archaeologist. Client: Exxon-Mobil.* 

#### • Evergreen Resources Well Pad Surveys; Colorado (2004)

Conducted archaeological surveys of proposed well pads, access roads, and pipelines on BLM land south of Rangely in western Colorado. *Role: Archaeologist. Client: Evergreen Resources*.

#### • Cheyenne Plains Pipeline Monitoring; Kansas and Colorado (2004)

Inspected open trench within areas with cultural significance and monitored archaeological sites, i.e. the Santa Fe Trail, for the Cheyenne Plains Pipeline in western Kansas and eastern Colorado. *Role: Project Director. Client: Colorado Interstate Gas.* 

## • Cheyenne Plains Pipeline Data Recovery; Kansas and Colorado (2004)

Acted as project director for data recovery on two prehistoric sites (5WL406 and 5MR725) that would be impacted by the Cheyenne Plains Pipeline in western Kansas and eastern Colorado. *Role: Project Director. Client: Colorado Interstate Gas.* 

### • Cheyenne Plains Pipeline Surveys; Kansas and Colorado (2004)

Conducted archaeological surveys of proposed access roads, pipelines, and water lines along the Cheyenne Plains Pipeline in western Kansas and eastern Colorado. *Role: Archaeologist Client: Colorado Interstate Gas.* 



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### • Cathodic Protection Projects; Pueblo, Colorado (2004)

Conducted archaeological surveys of annode beds and a proposed power line near Pueblo. *Role: Archaeologist. Client: Colorado Interstate Gas.* 

## • Highway 12 Testing; Bowman, North Dakota (2003)

Conducted archaeological testing of four sites along Highway 12 east of Bowman. *Role: Archaeologist. Client: North Dakota Department of Transportation.* 

## • ELOB Well Pad Surveys; Baker, Montana (2003)

Conducted archaeological surveys of well pads on BLM land. Role: Archaeologist.

## • Oliver County Road; Oliver County, North Dakota (2003)

Conducted archaeological surveys along Road 1806. Role: Archaeologist.

## • Beltway Surveys; Burleigh and Morton Counties, North Dakota (2003)

Conducted archaeological surveys and testing. Role: Archaeologist.

## • Williston Basin Grasslands Pipeline; North Dakota (2003)

Inspected open pipeline trench and monitored archaeological sites in the Badlands in western North Dakota. *Role: Archaeologist.* 

### • Living Snow Fence Survey; North Dakota (2003)

Conducted archaeological surveys in western North Dakota. Role: Archaeologist.

## Cheyenne Plains Pipeline Testing; Kansas (2003)

Conducted archaeological testing of 13 sites along the Cheyenne Plains Pipeline in western Kansas. *Role: Archaeologist. Client: Colorado Interstate Gas.* 

## • Gypsum Hills OHV; Gypsum, Colorado (2003)

Recorded two prehistoric sites on BLM land north of Gypsum. Role: Archaeologist.

## • Ogden Flat Iron Mesa; Moab, Utah (2003)

Conducted archaeological testing of seven prehistoric sites south of Moab. Role: Archaeologist.

## **Professional Experience**

## • Exp Energy Services; Loveland, Colorado (2012-present)

Project Manager and Senior Cultural Resources Specialist duties include client interaction, budget management, report writing, fieldwork oversight, agency consultation, and review and management of subconsultants.

#### • SWCA Environmental Consultants; Denver, Colorado (2005–2012)

Project Manager/Archaeologist duties included client interaction, budget management, report writing, fieldwork oversight, and agency coordination. Principal Investigator duties included QA/QC for documents and fieldwork, and agency consultation. *Role: Senior Archaeologist/Project Manager/Principal Investigator.* 



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### • SWCA Environmental Consultants; Durango, Colorado (2005-2006)

Bioarchaeologist duties include analyzing human remains and preparing them for repatriation along with associated funerary objects, in addition to performing data entry and editing of osteological forms. Performed analyses in accordance with Standards for Data Collection from Human Skeletal Remains (Buikstra and Ubelaker, 1994). Conducted skeletal inventory, adult and subadult age determination, sex determination, all pathologies, dental data and pathologies, non-metrics, metrics, and muscle attachment analyses. *Role: Bioarchaeologist.* 

## Metcalf Archaeological Consultants; Eagle, Colorado (2003–2005)

Conducted archaeological contract work in the North American Plains, Great Basin, and Southwest. Responsible for supervision of large projects and field crews; conducting small, medium, and large-scale projects independently; conducting field and lab work; supervising field and lab technicians; and contributing to and writing technical reports. *Role: Staff Archaeologist.* 

## Achill Archaeological Field School; County Mayo, Ireland (2003)

Supervised the excavation and finds processing of students at a post-Medieval deserted village on the slope of Mount Slievemore on Achill Island, County Mayo, Ireland. Responsibilities included keeping detailed field notes on all field and lab work, and instructing and directing students on field equipment, excavation methods, mapping, planning, inking in, and artifact analysis. *Role: Project Supervisor*.

## Anthropology Department, Northern Illinois University (2001–2003)

Assisted professors in instructing undergraduate and graduate courses in the Anthropology Department. Responsibilities included preparing and giving lectures, writing and preparing exams, meeting with students, reviewing essays and papers, grading papers and exams. Courses included: Rise of Civilization (ANTH 102); Introduction to Anthropology (ANTH 120); Forensic Anthropology (ANTH 342/590D). *Role: Teaching Assistant.* 

## Hull and East Riding Museum, Kingston-upon-Hull, U.K. (2002)

Conducted a general health study of approximately 600 Iron Age skeletons from East Yorkshire, England for master's thesis. Skeletal material stored in the Hull and East Riding Museum, Kingston-upon-Hull, U.K. Analyses were performed in accordance with Standards for Data Collection from Human Skeletal Remains (Buikstra and Ubelaker, 1994) and include: adult and subadult age determination and sex determination. The focus of this analysis was on collecting health data, including cribra orbitalia, porotic hyperostosis, periostitis, and trauma. Pathologies were also noted in this collection. *Role: Independent Research, Bioarchaeological Analysis*.

## • Northern Illinois University Contract Archaeology Program (2001–2003)

Archaeological fieldwork in northern Illinois. Developed proposals, conducted surveys and excavations of prehistoric and historic sites, and authored survey results and data recovery reports. *Role: Archaeologist.* 

#### • North Yorkshire Hunter-Gatherer Research Project, U.K. (2000, 2002)

Supervised intensive fieldwork at a Mesolithic site in North Yorkshire, England. Responsibilities included survey, excavation, and artifact analysis. *Role: Archaeologist* 

#### MSU Museum, Consortium for Archaeological Research (1999–2001)

Conducted lab work, catalogued collection for research purposes. Role: Laboratory Technician.

### • Northern Michigan University (1998–1999)

Recorded and intensively mapped prehistoric Indian garden beds on site in Menominee County, Michigan. Transferred data from fieldwork to composite map in lab. Cleaned and catalogued artifacts. *Role: Volunteer.* 

