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| George C. Arnold, MPA | | Field Supervisor | |
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| Availability: Immediate Email: garnold@crai-ky.com | Specific Duties: <ul style="list-style-type: none"> Supervise fieldwork Budget preparation Report preparation and authoring Coordination with Principal Investigator Special focus on eastern Kentucky coal field region | Education and Training: <ul style="list-style-type: none"> M.P.A., Kentucky State University, Frankfort, Kentucky B.S. social science studies, Western Michigan University, Kalamazoo, Michigan | |
| Experience Summary Information | | | |
| Staff Archaeologist Cultural Resource Analysts, Inc. 2001 - present | Office Support Staff The Louis Berger Group, Southwest Office, Phoenix, Arizona 2000 – 2001 | Archaeological Field/Laboratory Technician Various companies 1990–2000 | |
| <p>Mr. Arnold is a staff archaeologist with 20 years of archaeological experience whose primary duties include the supervision of phase I survey crews, budget preparation, and the preparation and authoring of technical reports. Mr. Arnold has many years of experience with CRAI and another 11 years with other CRM companies throughout the United States. Since 1990, Mr. Arnold has participated in field research in Arizona, Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Nevada, New Mexico, New York, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia. Most of his experience has taken place in the Ohio Valley, although he has spent approximately one year working in the Great Basin. During his years of experience in CRM, he has worked on over 300 various archaeological field projects as well as several large laboratory projects. He has also participated in phase I and II archeological testing projects located on several United States Defense Department installations. Most recently, Mr. Arnold has supervised several large phase I surveys of proposed surface mining tracts in the eastern and western Kentucky coal field physiographic regions, cellular communication towers in Indiana and Kentucky, Kentucky Transportation Cabinet highway projects, and surveys of proposed natural gas pipelines and well pads in the Daniel Boone National Forest.</p> <p>Experience:</p> <p>Phase III Experience</p> <ul style="list-style-type: none"> Mr. Arnold has participated in 15 phase III archaeological investigations that range from Paleoindian to late Nineteenth Century historic sites. Additionally, he served as a crew chief on one phase III historic site. <p>Phase II Experience</p> <ul style="list-style-type: none"> Mr. Arnold has participated in over 25 various phase II National Register evaluations, of which he served as a crew chief on two projects. <p>Phase I Experience</p> <ul style="list-style-type: none"> Mr. Arnold has participated in over 300 phase I inventory level archaeological surveys, of which he has served as a crew chief or field supervisor and author for over 230 | | | |

projects.

Additional Training:

- ArcView GIS (3 university credit hrs); Adult CPR, First Aid, and Blood-borne Pathogen; Open-water PADI SCUBA-certified; Assistant Scout Master and Boy Scouts of America certification for Water Safety, Weather Hazards, and Youth Protection Awareness.

Selected Technical Reports:

- (2010) *A Cultural Resource Survey of the Proposed Atlas Tri-State SPE, LLC, Brookfield Subdivision Development, Sections 7-10, in Jefferson County, Kentucky.* Contract Publication Series 10-028, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2010) *A Cultural Resource Survey of a Proposed Amendment to the Existing T&T Energy, LLC, Coal Mine Operation along Buck Branch in Perry County, Kentucky (Permit Application Number 897-0513, Amendment 1).* Contract Publication Series 10-022, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2010) *A Cultural Resource Survey of the Proposed Bloomfield Road and Pottershop Road Force Main Pipelines in Bardstown, Nelson County, Kentucky.* Contract Publication Series 10-07, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2010) *An Archaeological Survey of the Proposed Frasure Creek Mining, LLC, Coal Mine Operation along Rough and Tough Creek in Floyd County, Kentucky (Permit Application Number 836-0364).* Contract Publication Series 10-04, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *An Archaeological Survey of the Proposed Harlan Reclamation Services, LLC, Coal Mine Operation along Looney Creek in Lynch, Harlan County, Kentucky (Permit Application Number 848-5458).* Contract Publication Series 09-246, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *An Archaeological Survey of the Proposed Northern Kentucky University Connector Project in Campbell County, Kentucky (Item No. 6-8105.00).* Contract Publication Series 09-226, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *A Cultural Resource Survey of a Proposed Amendment to the Existing Premier Elkhorn Coal Company Coal Mine Operation along Blackburn Branch in Pike County, Kentucky (Permit Application Number 898-0817, Amendment 1).* Contract Publication Series 09-214, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *An Archaeological Survey of the Proposed U.S. 127 Albany Bypass Project in Clinton County, Kentucky (Item Numbers 8-165.00 and 8-260.01).* Contract Publication Series 09-137, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *A Cultural Resource Survey of the Proposed Treater Property Tract A Commercial Development Area Near Nicholasville, Jessamine County, Kentucky.* Contract Publication Series 09-129, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *A Cultural Resource Survey of the Proposed Frasure Creek Mining, LLC, Coal Mine Operation along Alum Lick Fork in Floyd County, Kentucky (Permit Application Number 836-0368).* Contract Publication Series 09-109, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- 2009 *A Cultural Resource Survey of a Proposed Amendment to the Existing MATT/CO, INC., Coal Mine Operation along Sand Branch in Floyd County, Kentucky (Permit Application Number 836-5467, Amendment 4).* Contract Publication Series 09-063, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *A Cultural Resource Survey of the Proposed ICG Hazard, LLC, Coal Mine Operation along Abes Branch in Perry County, Kentucky (Permit Application Number 897-0507).* Contract Publication Series 09-022., Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *An Archaeological Survey of the Proposed Henderson Riverfront Development in Henderson County, Kentucky (Item Number 2-152.01).* Contract Publication Series 09-015, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2009) *A Cultural Resource Survey of the Proposed Leeco Development, LLC, Coal Mine*

Operation along Dunigan Branch in Lee County, Kentucky (Permit Application Number 865-0082). Contract Publication Series 09-004, Cultural Resource Analysts, Inc., Lexington, Kentucky.

- (2008) *A Cultural Resource Survey of the Proposed Enterprise Mining Company, LLC Coal Mine Operation along Cornett's Branch in Letcher County, Kentucky (Permit Application Number 867-0487). Contract Publication Series 08-144, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2008) *A Cultural Resource Survey of a Proposed Amendment to the Existing Armstrong Coal Company, Inc., Coal Mine Operation Near Smallhouse in Ohio County, Kentucky (Permit Application Number 892-8008, Amendment 1). Contract Publication Series 08-132, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2008) *A Cultural Resource Survey of the Proposed B & W Resources, Inc., Coal Mine Operation near Campbell Creek in Leslie and Perry Counties, Kentucky (Permit Application Number 897-0489). CRAI Contract Publication Series 08-084, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2008) *A Cultural Resource Survey of A Proposed Amendment to the Existing R & L Winn, Inc., Coal Mine Operation Near Pond Creek in Muhlenburg County, Kentucky (Permit Application Number 999-0135, Amendment 2). Contract Publication Series 08-75, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2008) *A Cultural Resource Survey of the Proposed Weller Farm Industrial Development Area near the Community of Shepherdsville in Bullitt County, Kentucky. Contract Publication Series 08-060, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2008) *A Cultural Resource Survey of the Proposed Sapphire Coal Company, LLC Coal Mine Operation along Johnson Branch in Letcher County, Kentucky (Permit Application Number 867-5286). Contract Publication Series 08-040, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2007) *A Cultural Resource Survey of the Proposed Enterprise Mining Company, LLC. Coal Mine Operation near Betty Troublesome Creek in Knott County, Kentucky (Permit Application Number 860-0464). Contract Publication Series 07-084, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2007) *An Archaeological Survey of the Proposed Leeco, Inc. Coal Mine Operation along Buckeye Creek in Knott and Perry Counties, Kentucky (Permit Application Number 897-5106, Amendment 4). Contract Publication Series 07-077, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2007) *An Archaeological Survey of the Proposed Cambrian Coal Corporation Coal Mine Operation along Wolfpen Fork in Pike County, Kentucky (Permit Application Number 898-0807). Contract Publication Series 07-056, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2007) *An Archaeological Survey of the Proposed Nelly & Hamilton Enterprises, Inc., Coal Mine Operation near the Community of KayJay in Bell and Knox Counties, Kentucky (Permit Application Number 861-0485). Contract Publication Series 07-002, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed Bledsoe Coal Corporation (Permit Application Number 866-0306) Coal Mine Operation along the Right Fork of Cutshin Creek I Leslie County, Kentucky. Contract Publication Series 06-128, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed Leeco, Inc. Coal Mine Operation along Stacy Branch and Yellow Creek in Knott and Perry Counties, Kentucky (Permit Application Number 897-0480). Contract Publication Series 06-114, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed Reed Construction, In,. (Permit Application Number 826-0618) Coal Mine Operation Near the Community of Langnau in Clay County, Kentucky. Contract Publication Series 06-098, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed Motts Branch Coal, Inc. (Permit*

- Application Number 836-5487) Coal Mine Operation along Ned Fork Road in Floyd County, Kentucky. Contract Publication Series 06-092, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed Bob Amos Park Complex Expansion in Pike County, Kentucky. Contract Publication Series 06-088, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed WCDS 1450-AM Radio Station Transmission Tower Location in Warren County, Kentucky. Contract Publication Series 06-084, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed ICG Knott County, LLC (Permit Application Number 860-5277) Coal Mine Operation along Bill Dee Branch Road in Knott County, Kentucky. Contract Publication Series 06-080, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of a proposed Allied Resources, Inc. (Permit Application Number 917-9006) Coal Mine Operation Near the Green River in Northeast Webster County, Kentucky. Contract Publication Series 06-063, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *A Cultural Resource Survey of the Proposed ICG Hazard, LLC. (Permit Application Number 897-0457, amendment Number 2) Coal Mine Operation Near Lost Mountain in Perry County, Kentucky. Contract Publication Series 06-052, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of the Proposed Jamieson Construction Company Coal Mine Operation Near Watkins Branch in Laurel County, Kentucky (Permit Application Number 880-0291, Amendment 2). Contract Publication Series 06-047, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of Two Proposed Borrow areas and One Excess Material Fill area in Anderson and Washington Counties, Kentucky. Contract Publication Series 06-043, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of a Proposed Excess Material Fill Area in Gallatin County, Kentucky. Contract Publication Series 06-042, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2006) *An Archaeological Survey of Section 2 Alternate 5, for the Proposed Reconstruction of KY 536 in Kenton County, Kentucky (Item No. 6-162.00). Contract Publication Series 06-038, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2005) *An Archaeological Survey of the Proposed Duncannon Road Industrial Park Expansion in Madison County, Kentucky. Contract Publication Series 05-156, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2005) *Addendum Report: An Archaeological Survey of Thirteen Proposed Gas Well Pad, Pipeline, and Associated Access Road Locations in the Daniel Boone National Forest, Redbird Ranger District, Clay and Owsley Counties, Kentucky. Contract Publication Series 05-128a, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2005) *An Archaeological Survey of Thirteen Proposed Gas Well Pad, Pipeline, and Associated Access Road Locations in the Daniel Boone National Forest, Redbird Ranger District, Clay and Owsley Counties, Kentucky. Contract Publication Series 05-128, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2005) *An Archaeological Survey of the Proposed South Woodford Water Tank Location in Woodford County, Kentucky. Contract Publication Series 05-100, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2005) *An Archaeological Survey of a Proposed Excess Fill Material Site Associated with the Martha Layne Collins Blue Grass Parkway Rockfall Stabilization Project in Hardin County, Kentucky. Contract Publication Series 05-099, Cultural Resource Analysts, Inc., Lexington, Kentucky.*
- (2005) *An Archaeological Survey of two Proposed Gas Well Pad, Pipeline, and Associated Access Road Locations in the Daniel Boone National Forest, Redbird Ranger District, Near the Community of Oneida in Clay County, Kentucky. Contract*

Publication Series 05-098, Cultural Resource Analysts, Inc., Lexington, Kentucky.

- (2005) *An Archaeological Survey of twelve Proposed Gas Well Pad, Pipeline, and Associated Access Road Locations in the Daniel Boone National Forest, Redbird Ranger District, Near the Communities of Marcum and Mud Lick in Clay and Leslie Counties, Kentucky.* Contract Publication Series 05-063, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2005) *An Archaeological Survey of the Proposed Oak Ridge Substation Site in Lewis County, Kentucky.* Contract Publication Series 05-039, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2004) Addendum Report: *An Archaeological Survey of the Proposed Shepherdsville Waste Water Interceptor Line in Central Bullitt County, Kentucky.* Contract Publication Series 04-200a, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2004) *An Archaeological Survey of the Proposed Shepherdsville Waste Water Interceptor Line in Central Bullitt County, Kentucky.* Contract Publication Series 04-200, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2004) *An Archaeological Survey of Section 2 Alternate 4 for the Proposed Reconstruction of KY 536 in Kenton County, Kentucky (Item No. 6-162.00).* Contract Publication Series 04-175, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2004) *An Archaeological Survey of the Proposed Saint Clair Cellular Communication Tower Location, Hopkins County, Kentucky.* Contract Publication Series 04-158, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2004) *An Archaeological Survey of a Borrow Pit Location in Pulaski County, Kentucky.* Contract Publication Series 04-049, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2003) *An Archaeological Survey of a Proposed Excess Fill Site Associated with the KY 80 Rockfall Mitigation Project in Knott County, Kentucky (FD040600080001-002).* Contract Publication Series 03-191, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2003) *An Archaeological Phase I Survey of the Proposed Construction of Alternate F for the West Cynthiana Bypass Extension from US 127 to the Junction of US 62 and KY 392 in Harrison County, Kentucky (Item Number 6-119.05).* Contract Publication Series 03-172, Cultural Resource Analysts, Inc., Lexington, Kentucky.
- (2002) *An Archaeological Survey of the Proposed Construction of the Hyden By-pass, Leslie County, Kentucky (Item No. 11-12.00).* Contract Publication Series 02-176, Cultural Resource Analysts, Inc., Lexington, Kentucky.