

6-30-2007

## Archaeological Inventory, Site Assessment, and Data Management, Lake Mead National Recreation Area (Lake Mead NRA) and Parashant National Monument (PARA): Quarterly Progress Report, Period Ending June 30, 2007

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June 30, 2007

TO: Steve Daron, Park Archaeologist  
National Park Service – Government Technical Representative

FROM: Dr. Margaret N. Rees [REDACTED]  
Executive Director, Public Lands Institute

RE: June 30, 2007 Quarterly Report:  
Task Agreement #J8R07060013

Enclosed please find the latest quarterly report for the project titled:

“Archaeological Inventory, Site assessment, and Data Management, Lake Mead National Recreation Area and Parashant National Monument”

The enclosed report reflects activities for the period April 1 – June 30, 2007.

If you have any questions after reviewing this report, please do not hesitate to call me at (702) 895-3890

MNR:sa

Enclosures (1)

Cc: Tami Lucero, SNAP Partnership Specialist  
Electronic cc: Dr. Angela Evenden, NPS CESU Research Coordinator  
Kent Turner, National Park Service  
Dr. Karen Harry, Principal Investigator  
Dr. Gregory Haynes, Post-doctoral Scholar

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## QUARTERLY PROGRESS REPORT

University of Nevada, Las Vegas  
Period Ending June 30, 2007

Cooperative Agreement Number: H8R07060001  
Task Agreement Number: J8R07060013

Archaeological Inventory, Site Assessment, and Data Management, Lake Mead National Recreation Area (Lake Mead NRA) and Parashant National Monument (PARA)

### Executive Summary

- Inventoried 4,000 acres and recorded 59 archaeological sites for NPS and BLM Fire Management Projects
- Archaeological Field School at site AZ A:14:50 in progress
- Information on over 1,200 sites obtained for settlement pattern study; pilot database complete
- Draft report for Lost City Class III Inventory complete
- Four presentations/posters given at professional conferences/research forums

### Summary of Attachments

- Appendix 1: Archaeological Inventory and Site Documentation Summary Table
- Appendix 2: Task Agreement Progress Report Summary Table, Year 1 (10/01/2006-06/30/2007)

### Program Activities

#### Preserve American Project 1A: Saint Thomas

All of the six deliverables identified for Phase 1 of this project are complete. PLI Field Supervisor, Ms. Leah Bonstead, provided oversight for all phases of this project.

Site and feature information obtained prior to the current task agreement was compiled into a variety of computer files/databases with hard-copy originals placed in a large three-ring binder (Deliverable 1). A copy of the original documents was also created for use in the field. A feature monitoring form was developed, in collaboration with various cultural resource management professionals, and used during fieldwork (Deliverable 2). Field testing proved this monitoring form to be sufficient for long-term use at the site with only one modification.

Fieldwork was conducted primarily from January 8 to January 24, 2007. Four PLI archaeologists (Ms. Bonstead, Ms. Lisa Gioia-Acres, Ms. Liz Roycraft, Dr. Gregory Haynes), a Lake Mead NRA archaeologist (Mr. Pat Baird), a Student Conservation Association intern (Mr. Andre Diaz)

and a National Park Service (NPS) volunteer (Mr. Bob Bonstead) assisted with the fieldwork. In all, 272 person hours were invested in the field, of which 144 were completed by PLI archaeologists. A total of 141 architectural and non-architectural features were monitored and 17 new features were found and recorded (Deliverable 3). GPS spatial data were obtained for all of the features, along with approximately 1,500 tree stumps that lined roadways and property boundaries (Deliverable 4). Photographs were taken and scale drawings made for 10 features this year (Deliverable 5), while a total of 18 features overall have received this level of documentation.

All of the GPS spatial data collected from the site are available for GIS manipulation on the NPS network (R:\CRData\Geodatabase\_Working\_NAD83\26Ck6758(St\_Thomas)) (Deliverable 6). These data are available for use in conjunction with other GIS environmental layers, including topography and lake level. An updated map of Saint Thomas that includes 128 features and 1,400 tree stumps was attached to the last quarterly report.

#### Preserve American Project 1B: Lake Mead Web site Cultural Resource Information Review and Update

Web page content that covers the history of Boulder Basin and Lake Mohave are undergoing final technical review by NPS personnel, and research for content on the Overton Arm of Lake Mead continues. Seventeen pages of content, including text and images, have been submitted to Mr. Steve Daron, Lake Mead NRA Archaeologist (and ATR for this project). PLI Research Assistant Ms. Gioia-Acres is primarily responsible for web page content and collaborating with appropriate NPS personnel (Mr. Daron, NPS ATR and Ms. Leslie Paige, NPS Web technician).

#### Preserve America Project 1C: Evaluation of Site 26Ck4943

A Class 1 Inventory report that documents the current condition of site 26Ck4943 (site condition assessment), reviews previous archaeological work (file search) and ethnographic information (literature review), as well as a proposed subsurface test excavation strategy, was submitted to Mr. Daron in January. This report was authored by PLI Archaeology Program Manager, Dr. Haynes. Minor modifications and revisions, based on consultation between Dr. Haynes and Mr. Daron occurred this March, with a second review conducted by Mr. Daron in June. A final report was delivered to the Park on June 25, 2007.

Consultations with Native American tribal organizations and the Nevada State Historic Preservation Office (SHPO) were scheduled for completion, based on the task agreement, by March 30, 2007. These consultations have not yet been conducted, because other priorities delayed Lake Mead NRA's review of the Class I Inventory report, including an advanced timeline for completion of fire management projects in Andrus Canyon (see below). It is important to note that it is the responsibility of the federal agency to initiate and oversee consultation with tribal entities and other governmental agencies, while PLI archaeologists provide support and assistance as needed.

Discussions regarding the timely completion of this project have taken place between PLI Program Director, Dr. Haynes, and NPS ATR, Mr. Daron. Tribal and SHPO consultations are scheduled for August and test excavations will commence once summer temperatures along the lower Colorado River moderate.

## Project 2: Site Condition Assessments

Thirty-six site condition assessments have been completed by PLI archaeologists so far this year. During this past quarter, five assessments were conducted on Lake Mead NRA and two were conducted on Parashant NM (PARA). Condition assessment information for all 36 sites has been entered into the NPS ASMIS database. At least 28 assessments still need to be completed on PARA and these will be done in conjunction with other project work scheduled for PARA this summer. PLI Research Assistant Ms. Elizabeth Roycraft continues to oversee most of the field and database work associated with this project.

## Project 3A: Fire Management Projects – Andrus Burn Unit (PARA)

The fire management program at Lake Mead NRA initially scheduled hazardous fuel/vegetation reduction treatments in the Andrus Canyon area of PARA for the spring of 2008 (Task Agreement, Attachment 1: p. 10). However, the interagency fire program moved these treatments forward to the summer of 2007. For the PLI-NPS archaeology program, this meant that all archaeological inventory, along with the necessary compliance documents (Class III inventory, site documents, SHPO concurrence), had to be completed before any fuel reduction activity could take place within the project area.

In order to accomplish this deliverable, fieldwork for the Andrus Burn Unit began on April 5 and continued through May 3. PLI Research Assistant, Ms. Stephanie Velasquez, coordinated and supervised all phases of the field and laboratory work. During the fieldwork, 2,770 acres were inventoried for archaeological resources and 32 sites and 34 isolated finds were recorded. Approximately 2,185 acres had been previously surveyed for this project last summer, so the number of acres that received pedestrian survey totaled 4,955. While the task agreement states that 5,500 acres will be inventoried, approximately 550 acres or 10 percent of the total project area, was located on terrain so steep (i.e., steep-walled canyonlands) that intensive pedestrian survey could not be accomplished.

Two compliance reports for the NPS Andrus Burn Unit were authored by Ms. Velasquez (see below). Other members of the PLI archaeological crew helped prepare the necessary site documents that accompanied these reports. Because of the abbreviated survey schedule, stand-alone Class I Inventory reports were not completed, but rather bundled into the Class III documents. The final compliance reports and ASMIS site database entry are scheduled for completion in the upcoming quarter.

## Project 4A: UNLV Archaeological Field School on the Shivwits Plateau

PLI Principal Investigator for Lake Mead NRA archaeological task agreements, Dr. Karen Harry, continued preparations for the 2007 summer archaeological field school in April and May. The field school is currently under way at Lava Ridge Ruin (AZ A:14:50) with seven student enrollees. (The field school runs from June 3 to July 7.)

Analyses of ceramic and chipped stone artifacts obtained from last year's field school at Lava Ridge Ruin are complete. Pollen samples have been sent for processing and results are pending.

#### Project 4B: Settlement Pattern Study

Graduate student, Ms. Glendee Ane Osborne, is currently working on this project for her M.A. thesis in anthropology under the supervision of Dr. Harry. The size of her study area, located on Parashant NM, is approximately 125 by 80 km in size and includes most of the Shivwits Plateau. This quarter, Ms. Osborne completed archaeological data collection (survey location/size, site type/location/age/cultural affiliation) and developed a pilot database for the project (Phase 1, Deliverable 1). Data collection included three trips to the Lake Mead NRA offices in Boulder City, Nevada, and eight trips to the BLM field office in Saint George, Utah. At Lake Mead NRA, she obtained information for 280 sites, along with GIS layers for soils and vegetation. At the BLM office, she obtained information for approximately 1,000 sites, along with GIS layers for water resources (springs, seeps). In addition, she completed her thesis prospectus and presented a poster at the UNLV Graduate and Professional Student Association Research Forum.

#### Project 5: SNPLMA Capital Improvement Projects

Draft reports for two Capital Improvement Project inventories were submitted to Mr. Daron this quarter. While a minimum of 500 acres were required this year, a total of 600 acres were inventoried. The first report, an inventory of 422 previously submerged acres at Stewart's Point, has been reviewed by Mr. Daron and a final report completed. The second report, an inventory near Boy Scout Canyon, is still under review. All of the sites associated with this particular project have been entered into the NPS ASMIS database.

#### Project 6: Lost City Inventory

A preliminary report that presents the results of 470 acres of inventory in the vicinity of the Lost City and lower Muddy River was completed and submitted to Mr. Daron. In addition, site documentation for all 19 sites identified during the inventory has been completed and relevant information entered into the NPS ASMIS database. All of the work conducted for this project, including both the inventory and the authoring of the Class I and Class III reports, was conducted under the supervision of Dr. Haynes.

#### Project 7: BLM Andrus Burn Unit (PARA)

In order to seamlessly coordinate interagency fire management activities, contiguous NPS and BLM lands in the Andrus Canyon area will undergo hazardous fuel reduction treatments this summer (see above, Project 3). While originally scheduled for 2008, these activities are now scheduled for this summer. In order to complete the required archaeological compliance work, survey was conducted for this project from May 4 to May 25. A total of 1200 acres was inventoried and 27 sites and 28 isolated finds recorded. Because fieldwork for both Andrus Burn Units (Project 3, Project 7) had to be completed this spring, a stand-alone Class I Inventory report was not written, but will be included in the Class III report. Changes in task agreement deliverables has been conducted in consultation between PLI Archaeology Program Manager, Dr. Greg Haynes, and NPS ATR, Mr. Steve Daron. The Class III Inventory report and the preparation of the necessary site documents are currently underway.

### **Personnel and Hiring**

Three temporary seasonal technicians have been hired to assist with fuel reduction and vegetation treatment projects on PARA. These positions are listed in the task agreement budget (Attachment

II) and funds are specifically provided through the NPS and BLM fire management programs. Two of these technicians, Ms. Glendee Ane Osborne and Mr. Andreas Charest, are students in the anthropology graduate program at UNLV, while the other technician, Mr. Raymond Pettit, is a recent graduate from Hunter College in New York.

### **Other Activities**

This quarter, PLI archaeologists assisted the NPS with a wide variety of other cultural resource projects and activities. Subsurface test excavations were conducted at one prehistoric site (26Ck5994) and several adjacent historic sites (26Ck1043-1045). Two petroglyph sites located in high-use areas have been re-documented. A 104-acre inventory along Approved Road 110 was completed. PLI archaeological crews continue to assist with a fire-management inventory on the Shivwits Plateau (Ambush Water Pocket). Work also continues inputting curation information into the NPS collection/catalog database, ANCS+, under the direction of Ms. Rosie Pepito, Lake Mead NRA Cultural Resources Branch Chief. Past projects that have never been properly filed, or the information never compiled into the appropriate NPS databases, has also been accomplished, including the labeling of over 500 photographs.

Ms. Velasquez accompanied fire management personnel into the Andrus Burn Units in order to prepare sensitive archaeological sites for upcoming fuel reduction activities. Pre-burn preparations involve implementing management recommendations proposed for archaeological sites as outlined in her compliance reports. This work typically includes identifying where sensitive sites are located and removing flammable materials from within their boundaries.

A number of training events have also been completed by PLI archaeologists. Ms. Bonstead took a two-day course on ASMIS, the NPS-wide site database. This course covered a number of topics, including what kinds of information are needed for each site record, how to 'clean' the database, and how to produce reports based on compiled data. Ms. Roycraft and Erin Burrows attended an all-day CPR and First Aid certification course. All PLI employees with access to NPS computers were required to take a Department of Interior on-line "Information Systems and Security Awareness Course." Ms. Velasquez continues to maintain her fire/fuel management resource advisor credentials by completing three courses sponsored by interagency fire programs: the Annual Fireline Refresher and Arduous Duty Pack Test (Red Card), Fireline Training (S-131) and Advanced Fireline Training (S-133). Completing these courses and maintaining her resource advisor credentials allow her (and, therefore, PLI) to participate in a much more sophisticated manner with fire management programs during the design and implementation of fire-related projects (e.g., Project 3, Project 7: NPS and BLM Andrus Canyon Burn Units). Moreover, Ms. Velasquez has consistently supported interagency fire efforts, when needed, on her own time.

### **Scholarly Activity**

This quarter, Dr. Haynes and Ms. Bonstead presented papers, based on the results of archaeological work conducted under this task agreement, at professional conferences (see below). Dr. Haynes presented a paper that summarized current results from on-going work at the Lost City (Project 6). This paper was presented at the annual meeting of the Nevada Archaeological Association in Ely, Nevada (April 21, 2007) and at the annual meeting of the Society for American Archaeology in Austin, Texas (April 26, 2007). Ms. Bonstead presented a paper that discussed how certain environmental variables on the Shivwits Plateau are strongly associated with the location of Virgin Anasazi habitation sites (Project 3, Project 5). This paper

was presented at the annual meeting of the Society for American Archaeology in Austin, Texas (April 27, 2007). Ms. Osborne also presented a poster that highlighted her settlement pattern project on PARA at the UNLV Graduate and Professional Student Association Research Form (March 31, 2007) (Project 4B).

Ms. Gioia-Acres continues to make progress towards a Masters degree in the history program at UNLV. This spring she completed the first semester in two semester long colloquium entitled, "Historiography of the American West" (History 726) and received an "A" grade. This summer she is taking two courses, "Advanced Studies in History" (History 760) and "Internship in Public History" (History 795). The latter course incorporates on-going historical research that she is conducting on behalf of Lake Mead NRA (Project 1B). Ms. Gioia-Acres also attended the National Council on Public History 2007 Conference in April. The conference theme was "Many Histories, Many Publics – Common Ground?"

Dr. Haynes completed two manuscripts that focus on lithic or chipped stone artifact analyses in the Desert West. One paper analyzes differences in raw material type and projectile point morphology at a Paleoindian complex in southern Nevada. This paper will be published next year in *Current Research in the Pleistocene*. The other paper reviews current directions in chipped stone artifact analyses in Great Basin and Mojave Desert archaeology. This co-authored manuscript is an expanded version of a paper presented at an invited symposium (*Past, Present and Futures Issues in Great Basin Archaeology: Papers in Honor of Don D. Fowler*, 30<sup>th</sup> Great Basin Anthropological Conference, October 20-21, 2006, Las Vegas, Nevada) and is currently going through the peer-review process.

### **Unpublished Archaeological Resources Reports**

Bonstead, Leah.

*Archaeological Survey Southeast of Boulder City, Boy Scout Canyon Area, Lake Mead National Recreation Area (LAME)*. WACC Project Number 2004 L; LAME Cultural Resources Project Numbers 05-007, 05-032, 07-027. Draft report on file at Lake Mead National Recreation Area, Boulder City, Nevada.

Saint Thomas Monitoring (26Ck6758), Overton Area, Lake Mead National Recreation Area, Clark County, Nevada. WACC Project Number 2007 C; LAME Cultural Resources Project Number 07-007. Memorandum on file at Lake Mead National Recreation Area, Boulder City, Nevada.

Archaeological Resource Protection Act Incident at Petroglyph Wash, Temple Bar Area, Lake Mead National Recreation Area, Mohave County, Arizona. LAME Cultural Resources Project Number 07-026. Memorandum on file at Lake Mead National Recreation Area, Boulder City, Nevada.

Haynes, Gregory M.

*Results of a Class III Inventory (Year 1) at the Anasazi Lost City Community along the Lower Muddy River in Southeastern Nevada*. WACC Project Number 2006 E; Lake Mead Cultural Resources Project Number 06-043. Draft report on file at Lake Mead National Recreation Area, Boulder City, Nevada.



Roycraft, Elizabeth

*Stewart's Point Low Water Survey, Lake Mead Capital Improvement Projects.* WACC Project Number 2007 B; Lake Mead Cultural Resources Project Number 07-015. Report on file at Lake Mead National Recreation Area, Boulder City, Nevada.

Velasquez, Stephanie

*Shivwits Plateau Fire Project: Andrus Burn Unit.* WACC Project Number 2005 C; Lake Mead Cultural Resource Project Number 05-047. Report on file at Lake Mead National Recreation Area, Boulder City, Nevada.

*Shivwits Prescribed Fire Project: Andrus Burn Unit East, Grand Canyon-Parashant National Monument, Mohave County, Arizona.* WACC Project Number PARA 2007 A; Lake Mead Cultural Resource Project Number 07-040. Report on file at Lake Mead National Recreation Area, Boulder City, Nevada.

*Andrus Fuels Reduction Project, Grand Canyon-Parashant National Monument, Mohave County, Arizona.* Bureau of Land Management Project Number AZ BLM-130-2007-076; Lake Mead Cultural Resource Project Number 07-047. Report on file at Lake Mead National Recreation Area, Boulder City, Nevada.

### **Professional Conference Papers and Posters**

Bonstead, Leah and Stephanie Velasquez

A Study of Habitation Sites on the Southern Shivwits Plateau, Mohave County, Arizona. Paper presented at the 72<sup>nd</sup> Annual Meetings of the Society for American Archaeology (April 25-29), Austin, Texas.

Haynes, Gregory M.

The Lower Muddy River "Lost City" Community: A View of the Anasazi World from Its Far Western Edge. Paper presented at the 72<sup>nd</sup> Annual Meetings of the Society for American Archaeology (April 25-29), Austin Texas. This paper was also presented at the 36<sup>th</sup> Annual Meetings of the Nevada Archaeological Association (April 20-22), Ely, Nevada.

Osborne, Glendee Ane

Modeling Prehistoric Occupations on the Shivwits Plateau, Grand Canyon- Parashant National Monument. Poster presented at the Graduate and Professional Student Association Research Forum, University of Nevada Las Vegas (March 31, 2007).

### **Submitted Articles**

Haynes, Gregory M.

Variability in Morphology and Raw Material Choices in Paleoamerican Projectile Points from Yucca Mountain. Accepted for publication in *Current Research in the Pleistocene*, Volume 24.

Asking Why in Great Basin Lithic Studies. Co-authored with Daron G. Duke. Under review for the upcoming edited volume: *Past, Present and Future Issues in Great Basin*

*Archaeology: Papers in Honor of Don D. Fowler.* To be published by University of Nevada Press, Reno.

# **Attachments**

# **Appendix 1**

**Table 1. Archaeological Inventory and Site Documentation Summary (10/01/2006 – 06/30/2007). Projects in bold were conducted during this quarter.**

<u>Project Number/ Name</u>	<u>Acres Inventoried</u>	<u>Number of Sites Recorded</u>	<u>Number of Isolated Finds Recorded</u>
<b>3. NPS Andrus Burn Unit<sup>1</sup></b>	<b>2,770</b>	<b>32</b>	<b>34</b>
5. Capital Improvement	600	2	12
6. Lost City Inventory	470	19	14
<b>7. BLM Andrus Burn Unit</b>	<b>1200</b>	<b>27</b>	<b>28</b>
Totals	5,040	80	88

<sup>1</sup> A total of 4,955 acres were inventoried during the 2006 and 2007 field seasons for this project. The total number of sites recorded for this project is 43, while the total number of isolated finds is 48.

## **Appendix 2**

**Table 2. Task Agreement Progress Report, Year 1 (10/01/2006 - 09/30/2007)**

	<u>Scheduled Deadline</u>	<u>Date Completed</u>	<u>Comments</u>
<i>Project 1A (Saint Thomas)</i>			
1. Compile/organize site data	11/30/2006	11/30/2006	complete
2. Design feature assessment form	11/30/2006	11/30/2006	complete
3. Monitor features using form	02/02/2007	01/24/2007	complete (141 features monitored)
4. GPS tree stumps, add to map	03/01/2007	01/24/2007	complete (GPS data on ca. 1,500 stumps)
5. Document 10 features	03/01/2007	01/24/2007	complete
6. GIS-based site map	05/18/2007	04/30/2007	complete
<i>Project 1B (LAME Website Review &amp; Update)</i>			
1. Web page format	10/27/2006	10/27/2006	complete, "Culture & History" page posted
2. Outline for historic periods	10/27/2006	10/27/2006	complete
3. Boulder Basin history web page	12/15/2006	12/15/2006	undergoing final technical review
4. Lake Mohave history web page	03/15/2007	03/15/2007	undergoing final technical review
<i>Project 1C (Site 26Ck4943)</i>			
1. Site condition assessment	11/17/2006	10/09/2006	complete
2. Class I inventory report	01/15/2007	01/15/2007	revised final report completed 06/25/2007
3. Consultation	03/30/2007	unknown	scheduled for August, 2007
4. Fieldwork	04/27/2007		Scheduled for completion by Nov. 16, 2007
5. Draft report	09/30/2007		scheduled for completion by May 31, 2008
<i>Project 2 (Condition Assessments)</i>			
1. 30 condition assessments, LAME	09/30/2007	05/29/2007	34 condition assessments complete
2. 30 condition assessments, PARA	09/30/2007		2 assessments complete
3. 60 assessments in ASMIS	09/30/2007		34 LAME sites inputted into ASMIS
4. 800 site records, ASMIS review	09/30/2007	12/30/2006	800 site records reviewed in ASMIS

**Table 2. Task Agreement Progress Report, Year 1 (Continued)**

	<u>Scheduled Deadline</u>	<u>Date Completed</u>	<u>Comments</u>
<i>Project 3A (Fire Management Projects)</i>			
Phase 1 (10/01/2006-09/30/2007)			
1. Class I Inventory Report	04/30/2007	*	bundled into Class III report complete (4,770 acs, 32 sites)
2. Fieldwork	09/15/2007	05/03/2007	
Phase 2 (10/01/2006-09/30/2007)			
1. Prepare site forms/draft report	01/31/2008	05/21/2007	draft report/site forms complete
2. Final report/ASMIS data base	03/29/2008		
<i>Project 4A (Shivwits Field School)</i>			
1. Fieldwork	07/27/2007	07/06/2007	field school in progress
<i>Project 4B (Settlement Pattern Study)</i>			
1A. Compilation of GIS database	05/31/2007	05/31/2007	ca. 1,280 site records obtained complete
1B. Pilot database	05/31/2007	05/31/2007	
<i>Project 5 (Capital Improvement Projects)</i>			
1. Class I inventory report	12/01/2006	12/01/2006	complete
2. Class III inventory fieldwork	03/30/2007	02/21/2007	600 acres surveyed, 2 sites recorded
3. Site forms, draft report	06/01/2007	06/01/2007	draft reports/site forms complete
4. Final report	09/15/2007		1 report finalized
<i>Project 6 (Lost City Survey)</i>			
1. Class I Inventory Report	12/15/2006	12/22/2006	ATR approved late deliverable date
2. Class III inventory fieldwork	04/15/2007	01/26/2007	470 acres surveyed, 19 sites recorded
3. Draft report, site forms	06/15/2007	06/15/2007	complete (draft report, 19 site forms)
4. Final report	09/15/2007		



**Table 2. Task Agreement Progress Report, Year 1 (Continued)**

*Project 7 (PARA Fire Management Projects)*

Phase 1 (09/30/2006 – 09/30/2007)

1. Class I Inventory Report	04/30/2007	*	bundled into Class III report 1,250 acres, 27 sites recorded
2. Class III Inventory fieldwork	09/15/2007	05/08/2007	

Phase 2 (10/01/2007 – 09/30/2008)

1. Draft final report, site forms	01/31/2008		in progress
2. Final report	03/29/2008		