Phase One Archaeological Investigation Results, James Madison Park Master Development Plan Project, City of Madison, Dane County, Wisconsin



Prepared for the City of Madison Parks Department

28 January 2018

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Abstract

The following report describes the results of a Phase One Archaeological field and literature investigation made during November and December 2017 for James Madison Park in the City of Madison, Dane County, Wisconsin.

The investigation was initiated by the City of Madison Parks Department as part of a larger plan to redesign and develop the Park. At the time of the field investigations, no specific plan for development of the Park had been finalized.

During the investigation, the entire block of land owned by the City of Madison including the former Lincoln School parcel was surveyed. No artifacts or archaeological features were found during the field investigation. The majority of the investigated area appears to have been previously disturbed by grading of the majority of the Park areas and with filling along the lake shore.

As a result of the investigation, the principal investigator recommends that no further archaeological studies be required prior to proceeding with ground disturbing construction activities for future projects.

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Table One Continued: Archaeological sites and cemeteries previously reported to be located within approximately one mile for the Project area (SHSW WHPD).

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Introduction:

The following report describes the results of a Phase One Archaeological field and literature investigation made during November and December 2017 for James Madison Park Master Development Plan Project located in the City of Madison, Dane County, Wisconsin.

The investigation was initiated by the City of Madison Parks Department as part of a larger plan to redesign and develop the Park. At the time of the field investigations, no specific plan for development of the Park had been finalized.

All aspects of the reported investigation were conducted in accordance with methodological guidelines of the Wisconsin Archaeological Survey (WAS) as outlined in *Guide for Public Archaeology in Wisconsin* (Dudzik et al. 2012). WAS methods are endorsed by the SHPO, SHSW and provide the professional standards for conducting all legislative compliance related archaeological research in the State of Wisconsin.

As required by Federal law, the principal investigator meets all standards of the Secretary of the Interior's criteria for "Qualified Archaeologist" as specified in Appendix A of 36 CFR 61. As required by Wisconsin law, permits to conduct archaeological investigations on publicly owned land (Appendix B) was obtained before fieldwork was performed.

Literature research was conducted at the SHSW in Madison during November 2017. The field investigation was made with a crew of five people including the P.I. and assistant P.I. on December 14, 2017.

During the investigation, the entire block of land owned by the City of Madison including the former Lincoln School parcel was surveyed (Figures One and Two). No artifacts or archaeological features were found during the field investigation. The majority of the investigated area appears to have been previously disturbed and to have been filled in along the lake shore and then graded etc.

Based on study findings, the proposed project activities will occur in areas that have been previously subjected to high levels of disturbance and probably filling over naturally deposited soils or lake open water areas.

As a precautionary measure, it is recommended that construction crews be briefed that the possibility exists that archaeological deposits may be present underneath fill soils and artificial berms etc.

As a result of the study, the principal investigator recommends that no further archaeological investigations be required prior to proceeding with future construction and development.

Project Location:

The investigated area is a 12.63-acre parcel located within the James Madison Park/former Lincoln School area bounded by Lake Mendota on the northwest, Gorham Street to the Southeast, Butler Street to the southwest and terminating in the northeast along the southwestern edge of lots facing Livingston Street. The Project area is located in the SE ¼ of Section 14 and the SW ¼ of Section 13, Twp. 7 North and Range 9 East. (Figures One and Two).

Project Description

At the time of the field investigations, no specific plan for development of the Park had been finalized. The investigation was made as part of the Master Development plan for the Park which will occur at a future date

Literature Investigations:

As part of the Phase I investigation, modern and historical documents were examined in the State Historical Society of Wisconsin Archives and Library and the Wisconsin Historical Preservation Database (WHPD). Resources included Government Land Office (GLO) records. plat maps (Hixson 1930 Synder 1878), land records (SHSW N.D.), and descriptive histories the project area (and USDA 1974).

Aside from indications of Euro-American such as an ice house (surface structure) and an earlier boathouse that was located where the existing boathouse is located, available documents do not record the presence of historic structures or locations of archaeological interest situated in the immediate area of the proposed project.

State of Wisconsin Archaeological Sites Inventory Database:

Following Wisconsin SHPO protocol for Phase One projects, a standard search of a one-mile radius was conducted for the project based on tower height for the APE.

A large number of archaeological sites and cemeteries have been previously reported to be located within approximately 1-mile or less of the proposed project area (Table One).

The location of the sites and cemeteries is shown in relation to the project area in Figures Three and Four. The sites and cemeteries are located outside of the investigated area and will not be physically affected by future construction activities.

Field Investigations:

The entire area of the planned construction was shovel tested and probed. The majority of the area displayed fill soils and was disturbed. Two areas shown in Figure Fifteen (outlined in purple) were not heavily disturbed and were shovel tested. During the investigation a total of 58 shovel tests and a large number of soil cores/probes were made.

Shovel tests were excavated to an average depth of 50 CM below the ground surface. Soil cores made in the project area revealed a layer of landscaping soil over mottled soils typically the result of ground disturbance or filling on an area with non-naturally deposited soils. During field investigations, no archaeological materials of building foundations were observed.

Study Results and Recommendations

Based on study findings, the proposed project activities will occur in areas that have been previously subjected to high levels of disturbance and filling over naturally deposited soils/wetland shoreline areas.

As a precautionary measure, it is recommended that construction crews be briefed that the possibility exists that archaeological deposits may be present underneath fill soils and artificial berms etc.

Aside from notification of construction crews as described above, the principal investigator recommends that no further archaeological investigations be required prior to proceeding with future construction and development.

It is recommended that when development plans are finalized, personnel in the Office of Historic Preservation at the State Historical Society of Wisconsin should be consulted to ensure that compliance standards have been met prior to any ground disturbing construction at the proposed site location.

In the event any archaeological materials are encountered during the project, it is recommended that all construction activities be brought to a halt and the Principal Investigator or the Office of Historic Preservation at the State Historical Society of Wisconsin be consulted prior to continuing work.

Pursuant to Federal and Wisconsin State laws, should human skeletal remains, coffin hardware or potential coffin pieces (metal or wood) be encountered during construction, all activities in the area are required to cease immediately and the State of Wisconsin Burial Sites Preservation Office must be contacted at 608-264-6493 or 800-342-7834 for further instructions.

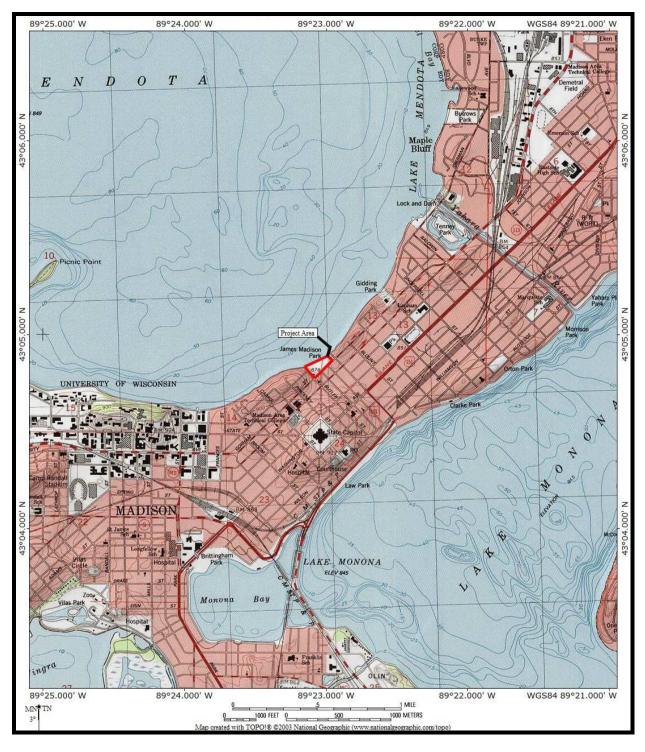


Figure One: Project location outlined in red on USGS 7.5 topographic map section (USGS 1983).



 $Figure\ Two:\ Satellite\ image\ showing\ investigation\ area\ (highlighted\ and\ outlined\ area).\ Image\ courtesy\ of\ City\ of\ Madison\ Parks\ Department.$

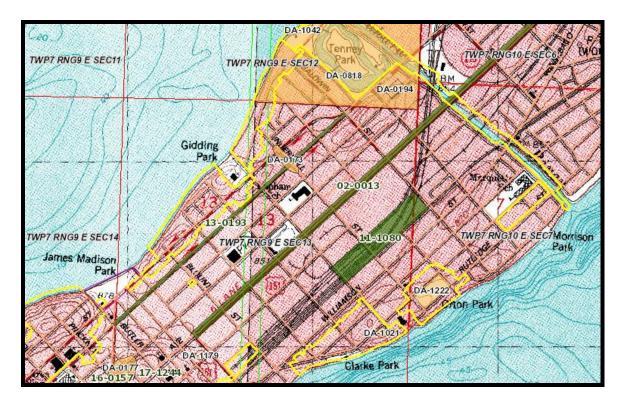


Figure Three: Project area at lower left and SHSW WHPD search results (north).

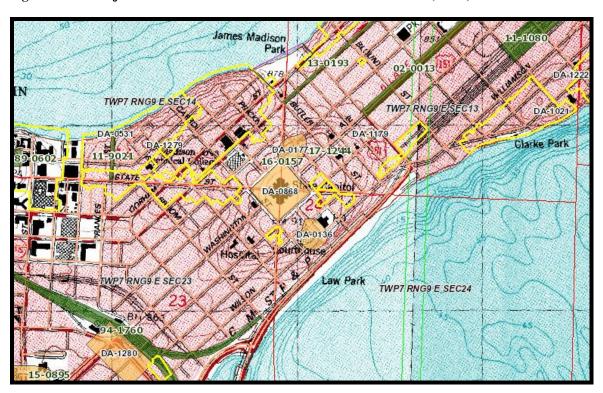


Figure Four: Project area at upper center and SHSW WHPD search results (south).

State Site #	Burial Site #	Site Name	Site Type	Culture	TRS
DA-0118	BDA-0378	Fuller Woods Mound Group	Campsite/village, Mound(s) - Conical, Mound(s) - Effigy, Mound(s) - Linear	Late Woodland, Historic Indian	7-9-E-12
DA-0173	BDA-0404	Ingersoll Street Mounds	Mound(s) - Conical, Mound(s) - Linear	Late Woodland	7-9-E-13
DA-0177	BDA-0586	Capitol Park Effigy	Mound(s) - Effigy	Late Woodland	7-9-E-13, 7-9-E-14
DA-0573	BDA-0417	Bascom Hill Mounds	Mound(s) - Linear, Mound(s) - Effigy	Late Woodland	7-9-E-14, 7-9-E-23
DA-0172	BDA-0506	Swanson	Campsite/village, Cemetery/burial	Middle Woodland	7-9-E-12, 7-10-E-7
DA-0194	BDA-0508	Lapham School	Cemetery/burial, Campsite/village	Unknown Prehistoric	7-9-E-12
DA-0139	BDA-0511	Burrows Park Bird Effigy	Mound(s) - Effigy, Campsite/village	Late Woodland, Late Archaic	7-9-∈-12
DA-0385	1	MALT HOUSE	Campsite/village	Unknown Prehistoric, Woodland	7-9-E-12
DA-0531			Isolated finds	Archaic	7-9-E-14
DA-0818		Site H	Campsite/village	Historic Indian	7-9-E-12
DA-1278	BDA-0125	Bascom Hall Burial Ground	Cemetery/burial	Historic Euro-American	7-9-E-14
DA-1279	BDA-0132	Vilas Homestead Cemetery	Cemetery/burial	Historic Euro-American	7-9-E-14
DA-1021		SPAIGHT ST. CISTERNS	Foundation/depression	Historic Euro-American	7-9-E-13
DA-1042		TENNEY PARK BEACH	Isolated finds	Late Prehistoric, Unknown Prehistoric, Woodland	7-9-E-12
DA-1179		East Main IF	Isolated finds	Middle Woodland, Early Archaic, Late Archaic, Late Woodland	7-9-E-13
DA-1208		Muir Knoll	Lithic scatter	Unknown Prehistoric	7-9-E-14
DA-0868		State Capitol	Foundation/depression	Historic Euro-American	7-9-E-13, 7-9-E-14, 7-9-E- 23, 7-9-E-24

 $\label{thm:constraints} Table\ One: Archaeological\ sites\ and\ cemeteries\ previously\ reported\ to\ be\ located\ within\ approximately\ one\ mile\ for\ the\ Project\ area\ (SHSW\ WHPD).$

State Site #	Burial Site #	Site Name	Site Type	Culture	TRS
DA-0136	BDA-0389	Monona Avenue Park Mound Group	Mound(s) - Conical, Mound(s) - Effigy	Late Woodland	7-9-E-24
DA-0142		TURVILLE BAY	Campsite/village	Unknown Prehistoric	7-9-E-25
DA-0498		OLIN PARK I	Campsite/village	Middle Woodland	7-9-E-25
DA-0499		OLIN PARK II	Campsite/village	Woodland	7-9-E-25
DA-0868		State Capitol	Foundation/depression	Historic Euro-American	7-9-E-13, 7-9-E-14, 7-9-E- 23, 7-9-E-24
DA-1408	BDA-0614	Olin Park Conical	Mound(s) - Conical	Woodland	7-9-E-25
DA-1412		Olin Park Barge	Shipwreck	Historic Euro-American	7-9-E-25
DA-1476	BDA-0624	Turville Point Burials	Cemetery/burial	Historic Euro-American	7-9-E-25, 7-9-E-25
DA-0428	BDA-0520	Winnequah Village	Cabin/homestead, Campsite/village, Cemetery/burial, Corn hills/garden beds, Trading/fur post	Historic Indian, Unknown Prehistoric, Early Woodland, Historic Euro- American	7-10-E-19, 7-10-E-18
DA-0053	BDA-0304	Antisdel Mound	Mound(s) - Other/Unk	Late Woodland	7-10-E-6
DA-0010	BDA-0268	Mill Woods	Mound(s) - Conical, Mound(s) - Effigy, Mound(s) - Linear, Mound(s) - Other/Unk	Late Woodland	7-10-E-8, 7-10-E-7
DA-0054	BDA-0325	<u>Tracks</u>	Mound(s) - Effigy, Mound(s) - Linear	Late Woodland	7-10-E-6, 8-10-E-31
DA-0172	BDA-0506	Swanson	Campsite/village, Cemetery/burial	Middle Woodland	7-9-E-12, 7-10-E-7
DA-1222	BDA-0175	Orton Park Cemetery	Cemetery/burial	Historic Euro-American	7-10-E-7

 $Table\ One\ Continued:\ Archaeological\ sites\ and\ cemeteries\ previously\ reported\ to\ be\ located\ within\ approximately\ one\ mile\ for\ the\ Project\ area\ (SHSW\ WHPD).$



Figure Five: Shovel testing at southeastern terminus of investigation area. View to northeast.



Figure Six: Southeastern terminus of investigation area. View to southwest.



Figure Seven: Graded and disturbed area to the east of Blunt Street. View to west.



Figure Eight: Boathouse and heavily graded slope areas in the Project area. View to northwest.



Figure Nine: Existing sidewalk showing graded areas in eastern Park area. View to west.

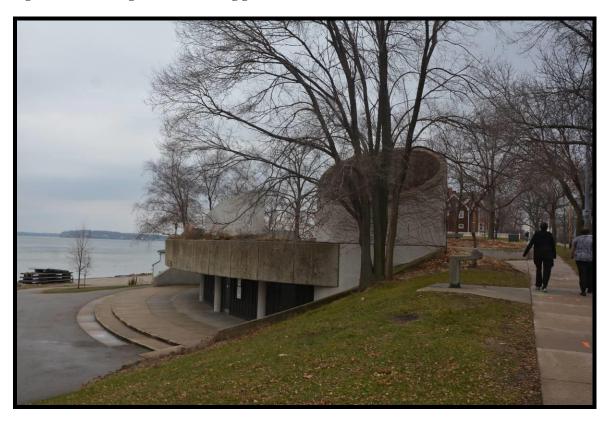


Figure Ten: Existing facilities showing graded areas in eastern Park area. View to east.



Figure Eleven: Existing access walkway and filled in area on lakeshore. View to west.



Figure Twelve: Existing sidewalk showing graded areas in western Park area. View to southeast.



Figure Thirteen: Undisturbed areas of main Park field. View to southeast.



Figure Fourteen: Undisturbed areas of main Park field. View to south.



Figure Fifteen: Satellite image showing areas that were found to be undisturbed and shovel tested. Image courtesy of City of Madison Parks Department.

References Cited

Dudzik, Mark, Joseph Tiffany, and Katherine Stevenson

2012 Guide for Public Archaeology in Wisconsin. Wisconsin Archaeological Survey, Milwaukee, Wisconsin.

Hixson, W.W.

1930 Wisconsin State Atlas. W. W. Hixson and Company, Rockford, Illinois.

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State Historical Society of Wisconsin (SHSW)

Not Dated Wisconsin Land Economic Inventory Maps (Bordner Survey). http://digital.library.wisc.edu/1711.dl/EcoNatRes.WILandInv

United States Department of Agriculture, Soil Conservation Service (USDA)

Not Dated http://websoilsurvey.nrcs.usda.gov/app Website data base of Soil Survey information for the United States of America.

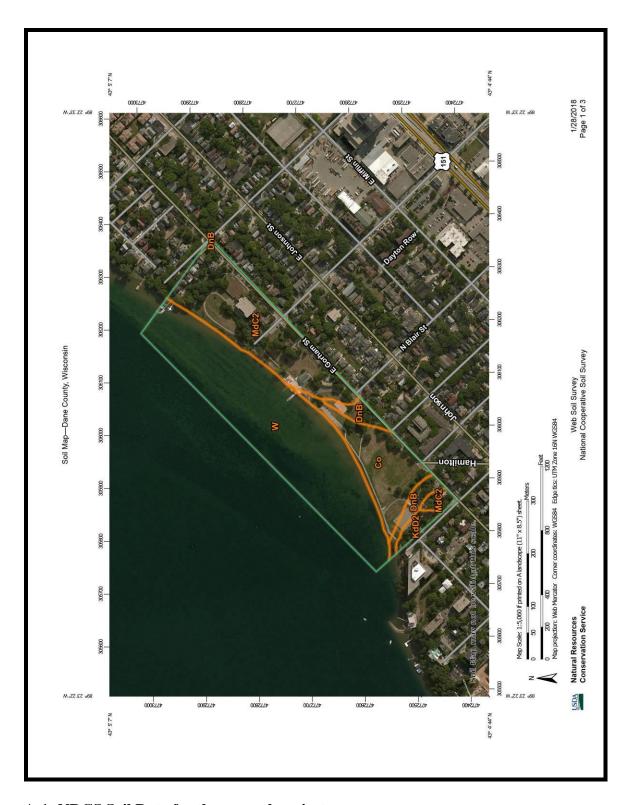
1974 Soil Survey of Dane County, Wisconsin. United States Printing Office, Washington D.C.

United States Geological Survey (USGS)

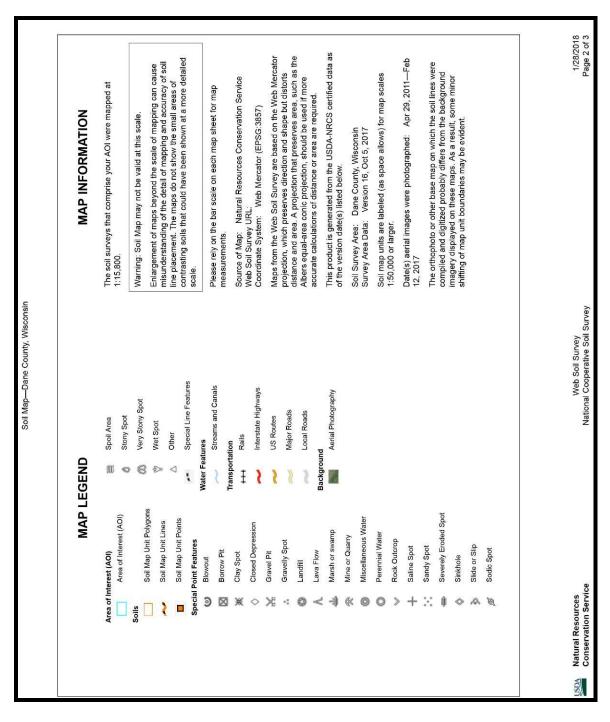
1983 *Madison West WI*. (Map). Series 7.5 Quadrangle, 1:24000 scale Topographic map. USGS Publishing, Reston, Virginia.

United States Government Land Office (GLO)

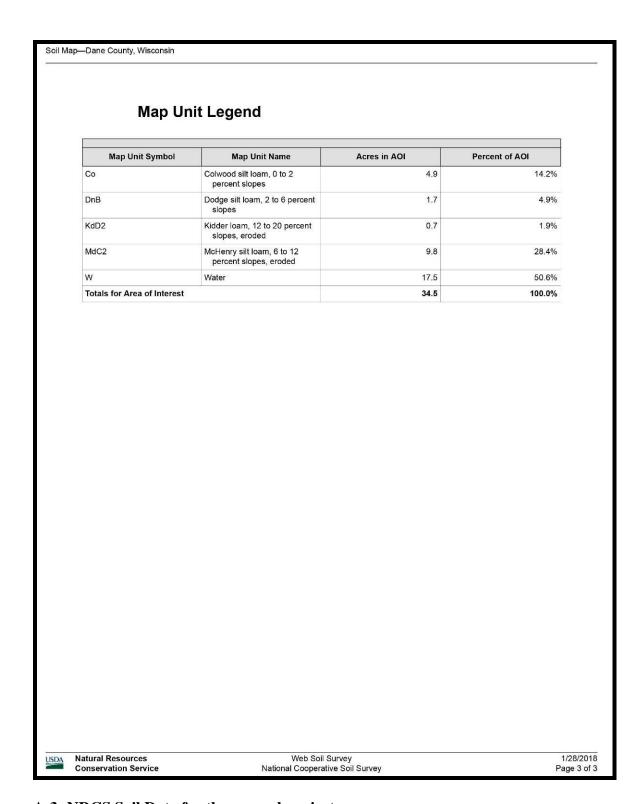
Not dated Historical Government Land Office Survey Notes- publication available on the World Wide Web at: http://digicoll.library.wisc.edu/SurveyNotes



A-1: NRCS Soil Data for the general project area.



A-2: NRCS Soil Data for the general project area.



A-3: NRCS Soil Data for the general project area.

	CONSIN PUBLIC LANDS F TO CONDUCT ARCHAEOLOGY ON A Wiscon		PUBLIC LAND UNDER WI	
Name/Organizati	on/Contact John G. Hod	lgson	Phone 608-33	4-1828
Address PO E	3ox 45822	_ _{City} Madis	on _{State} WI	Zip Code 53744
Email Phase	eonearchaeology@	gmail.con) FAX	
Institutional Affil	iation			A-10-10-10-10-10-10-10-10-10-10-10-10-10-
Location: (County Dane		Civil Town Madison	
Town 7 N	Range 9 E Section	n_13 and 14	Quarter Sections E 1/2 S	Sec. 13, W1/3 Sec.14
Hww/Rd Hy	wy/Rd Master plan for Ja		Other To	The of Project
	k: Phase I/Survey Phase II/	_		
	eldwork: Federal Compliance			
Dates of field wo	Burial Site # rk: Begin date 3 Dec.201	7	and date 15 Dec. 2	2017
(Curation agreem	will curate recovered artifacts, ent must be on file with WHS; all n G. Hodgson	notes, and record materials must be	сигией ін ин арргоргій	te, staffed facility.)
	haeologist 🥒 🤇	0 Two		Date 28 Nov. 2017
	Maps and/or letters of e	xplanation can acc	ompany this application.	
Landowner or cus	todian name (print) Sarah Lei	rner	Phone 608-26	61-4281
Affiliation Cit	y of Madison Parks	s Departm	ent	
Signature of Lan	downer Sarah Lerner	Digitally Date: 20	signed by Sarah Lerner 17.11.28 11:05:54 -06'00'	Date 28 Nov. 2017
Permit Approved_	John H. B		Date 2	2NW 2017
PLP#17-15	Wisconsin 816 State: FAX: 608	haeologist 1 Historical Society Street Madison, WI 5 1-264-6504 / PH 608-2 10. hroihala@wisconsin		WISCONSIN HISTORICAL SOCIETY
Two	copies of the final report must l	be submitted to tl	ne State Historic Preser	vation Office.
	thorization or permitting is necessa n burial sites under Wis. Stat. § 157			
		×		

B-1: Wisconsin Public Land Field Archaeology Permit for Project.

ARCHAEOLOGICAL REPORTS INVENTORY FORM

WHS/SHSW # COUNTY: Dane
AUTHORS: John Garwood Hodgson
REPORT TITLE: Phase One Archaeological Investigation Results, James Madison Park Master Development Plan Project, City of Madison, Dane County, Wisconsin
DATE OF REPORT (MONTH AND YEAR): <u>January 2018</u>
SERIES/NUMBER:
PLACE OF PUBLICATION: <u>Madison, Wisconsin</u>
LOCATIONAL INFORMATION [LEGAL DESCRIPTION OF SURVEY AREA (T-R-S)] SE ¼ of Section 14 and the SW ¼ of Section 13, Twp. 7 North and Range 9 East.
U.S.G.S. QUAD MAP(S): Madison West WI (1983).
SITE(S) INVESTIGATED: None
ACRES INVESTIGATED: 12.63 AGENCY #
INVESTIGATION TECHNIQUES COMPLETED (Check all that apply.)
ABSTRACT: ☐ Included in report ☐ Written in space below
Office of the State Archaeologist ARI #