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).
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).
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Site Type</th>
<th>Culture</th>
<th>TRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuller Woods Mound Group</td>
<td>Campsite/village, Mound(s) - Conical, Mound(s) - Effigy</td>
<td>Late Woodland, Historic Indian</td>
<td>7-9-E-12</td>
</tr>
<tr>
<td>Innescoff Street Mounds</td>
<td>Mound(s) - Effigy</td>
<td>Late Woodland</td>
<td>7-9-E-13</td>
</tr>
<tr>
<td>Capitol Park Effigy</td>
<td>Mound(s) - Effigy</td>
<td>Late Woodland</td>
<td>7-9-E-14</td>
</tr>
<tr>
<td>Bascom Hill Mounds</td>
<td>Mound(s) - Effigy</td>
<td>Late Woodland</td>
<td>7-9-E-15</td>
</tr>
<tr>
<td>Swansson</td>
<td>Campsite/village, Cemetery/Burial</td>
<td>Middle Woodland</td>
<td>7-9-E-12, 7-10-E-7</td>
</tr>
<tr>
<td>Laban School</td>
<td>Cemetery/burial, Campsite/village</td>
<td>Unknown Prehistoric</td>
<td>7-9-E-12</td>
</tr>
<tr>
<td>Burrow's Park Bird Effigy</td>
<td>Mound(s) - Effigy, Campsite/village</td>
<td>Late Woodland, Late Archaic</td>
<td>7-9-E-12</td>
</tr>
<tr>
<td>Malt House</td>
<td>Campsite/village</td>
<td>Unknown Prehistoric, Woodland</td>
<td>7-9-E-12</td>
</tr>
<tr>
<td>Site H</td>
<td>Campsite/village</td>
<td>Historic Indian</td>
<td>7-9-E-12</td>
</tr>
<tr>
<td>Reissens Hill Burial Ground</td>
<td>Cemetery/burial</td>
<td>Historic Euro-American</td>
<td>7-9-E-14</td>
</tr>
<tr>
<td>Yikes Homestead Cemetery</td>
<td>Cemetery/burial</td>
<td>Historic Euro-American</td>
<td>7-9-E-14</td>
</tr>
<tr>
<td>SPIGHT ST. CISTERNUS</td>
<td>Foundation/depression</td>
<td>Historic Euro-American</td>
<td>7-9-E-13</td>
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<tr>
<td>TENNEY PARK BEACH</td>
<td>Isolated finds</td>
<td>Late Prehistoric, Unknown Prehistoric, Woodland</td>
<td>7-9-E-12</td>
</tr>
<tr>
<td>East Main JF</td>
<td>Isolated finds</td>
<td>Middle Woodland, Early Archaic, Late Archaic, Late Woodland</td>
<td>7-9-E-13</td>
</tr>
<tr>
<td>Main Knoll</td>
<td>L器械 scatter</td>
<td>Unknown Prehistoric</td>
<td>7-9-E-14</td>
</tr>
<tr>
<td>State Capitol</td>
<td>Foundation/depression</td>
<td>Historic Euro-American</td>
<td>7-9-E-13, 7-9-E-14, 7-9-E-23, 7-9-E-24</td>
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</table>

Table One: Archaeological sites and cemeteries previously reported to be located within approximately one mile for the Project area (SHSW WHPD).
<table>
<thead>
<tr>
<th>State Site #</th>
<th>Burial Site #</th>
<th>Site Name</th>
<th>Site Type</th>
<th>Culture</th>
<th>TRS</th>
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</thead>
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<tr>
<td>DA-0134</td>
<td>BDA-0389</td>
<td>Monona Avenue Park Mound Group</td>
<td>Mound(s) - Informal, Mound(s) - Effigy</td>
<td>Late Woodland</td>
<td>7-9-E-24</td>
</tr>
<tr>
<td>DA-0143</td>
<td>TURVILLE BAY</td>
<td></td>
<td>Composite/village</td>
<td>Unknown Prehistoric</td>
<td>7-9-E-35</td>
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<tr>
<td>DA-0438</td>
<td>OLIN PARK I</td>
<td></td>
<td>Composite/village</td>
<td>Middle Woodland</td>
<td>7-9-E-25</td>
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<tr>
<td>DA-0439</td>
<td>OLIN PARK II</td>
<td></td>
<td>Composite/village</td>
<td>Woodland</td>
<td>7-9-E-25</td>
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<td>DA-0628</td>
<td>State Capitol</td>
<td></td>
<td>Foundation/Depression</td>
<td>Historic Euro-American</td>
<td>7-9-E-13, 7-9-E-14, 7-9-E-23, 7-9-E-24</td>
</tr>
<tr>
<td>DA-1408</td>
<td>BDA-0614</td>
<td>OLIN Park Casino</td>
<td>Mound(s) - Conical</td>
<td>Woodland</td>
<td>7-9-E-25</td>
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<tr>
<td>DA-1411</td>
<td>OLIN Park Range</td>
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<td>Shipwreck</td>
<td>Historic Euro-American</td>
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<td>BDA-0624</td>
<td>Turville Point Buried</td>
<td>Cemetery/buried</td>
<td>Historic Euro-American</td>
<td>7-9-E-25, 7-9-E-26</td>
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<td>DA-0438</td>
<td>BDA-0520</td>
<td>Winnebago Village</td>
<td>Cabin/homestead, Cemetery/Village, Cemetery/Img. Remains</td>
<td>Historic Indian, Unknown Prehistoric, Early Woodland, Historic Euro-American</td>
<td>7-10-E-18, 7-10-E-19</td>
</tr>
<tr>
<td>DA-0031</td>
<td>BDA-0204</td>
<td>Antelope Mound</td>
<td>Mound(s) - Other/Lk</td>
<td>Late Woodland</td>
<td>7-10-E-6</td>
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<tr>
<td>DA-0010</td>
<td>BDA-0268</td>
<td>Still Woods</td>
<td>Mound(s) - Conical, Mound(s) - Effigy, Mound(s) - Linear, Mound(s) - Other/Lk</td>
<td>Late Woodland</td>
<td>7-10-E-6, 7-10-E-7</td>
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<td>DA-0044</td>
<td>BDA-0325</td>
<td>Tracks</td>
<td>Mound(s) - Effigy, Mound(s) - Linear</td>
<td>Late Woodland</td>
<td>7-10-E-6, 8-10-E-31</td>
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<td>DA-0172</td>
<td>BDA-0506</td>
<td>Swanieset</td>
<td>Cemetery/buried</td>
<td>Middle Woodland</td>
<td>7-9-E-12, 7-10-E-7</td>
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<tr>
<td>Da-1222</td>
<td>BDA-0175</td>
<td>Ottawa Park Cemetery</td>
<td>Cemetery/buried</td>
<td>Historic Euro-American</td>
<td>7-10-E-7</td>
</tr>
</tbody>
</table>

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.
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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

Hixson, W.W.

Snyder, Van Vechten

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)


United States Geological Survey (USGS)

United States Government Land Office (GLO)
A-1: NRCS Soil Data for the general project area.
Soil Map—Dane County, Wisconsin

MAP LEGEND

Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Ledge
- Lava Flow
- Marsh or Swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot

Water Features
- Streams and Canals

Transportation
- Rail
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dane County, Wisconsin
Survey Area Date: Version 16, Oct 5, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 29, 2011—Feb 12, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.
### Map Unit Legend

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<thead>
<tr>
<th>Map Unit Symbol</th>
<th>Map Unit Name</th>
<th>Acres in AOI</th>
<th>Percent of AOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co</td>
<td>Colwood silt loam, 0 to 2 percent slopes</td>
<td>4.9</td>
<td>14.2%</td>
</tr>
<tr>
<td>DnB</td>
<td>Dodge silt loam, 2 to 6 percent slopes</td>
<td>1.7</td>
<td>4.9%</td>
</tr>
<tr>
<td>KidD2</td>
<td>Kidder loam, 12 to 20 percent slopes, eroded</td>
<td>0.7</td>
<td>1.9%</td>
</tr>
<tr>
<td>MnkD2</td>
<td>McHenry silt loam, 8 to 12 percent slopes, eroded</td>
<td>9.6</td>
<td>28.4%</td>
</tr>
<tr>
<td>W</td>
<td>Water</td>
<td>17.5</td>
<td>50.6%</td>
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<tr>
<td><strong>Totals for Area of Interest</strong></td>
<td></td>
<td><strong>34.5</strong></td>
<td><strong>100.0%</strong></td>
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</table>
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): January 2018

SERIES/NUMBER: 

PLACE OF PUBLICATION: Madison, Wisconsin

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.


SITE(S) INVESTIGATED: None

ACRES INVESTIGATED: 12.63 AGENCY # 

INVESTIGATION TECHNIQUES COMPLETED (Check all that apply.)

- [x] Historical Research  - [ ] Surface Survey  - [ ] Geomorphology
- [ ] Interview/Informant  - [x] Soil Cores  - [ ] Underwater
- [x] Literature Background Research  - [ ] Mechanical Stripping  - [ ] Chance Encounter
- [ ] Traditional Knowledge  - [ ] Test Excavation/Phase II  - [ ] Osteological Analysis
- [ ] Monitoring  - [ ] Major Excavation/Phase III  - [ ] Faunal Analysis
- [x] Shovel Testing/Probing  - [ ] Remote Sensing  - [ ] Floral Analysis

ABSTRACT:  - [x] Included in report  - [ ] Written in space below

Office of the State Archaeologist      ARI # ____________