ARCHAEOLOGICAL SITE FILE/LITERATURE SEARCH REPORT

Prepared by: Arnold Pickman Affiliation: Consultant Date: 1/12/88

A. Project Information

 Permit Name: Woodvale-By-The-Sea
 Permit No.: 20-87-0218
 Permit Type: Wetlands
 Location of Proposed Action: Lots 188, 184, and 181, Block 8005, Tottenville, Staten Island.
 Description of Undertaking: Housing Development
 Estimated Size of Impact Area (acres): 142099 acres
 Description of Impact: Excavation and Grading
 Permit Areas (total acres):

B. Environmental Information

Topography:
 Bluff top/bluff base
Geology:
 Glacial Outwash
Soils:
 Sands (Some portions with Sandy Silt Topsoil)
Drainage:
 Blufftops well drained
Vegetation:
 Lightly wooded (some areas cleared)
Forest Zone:

Manmade Features and Alterations:
 Some areas graded (see attached report)

C. Documentary Research

1. Site Files (within 1 mile radius)
   a. Office of Parks, Recreation and Historic Preservation (OPRHP)
      × State Inventory
      × State Register
      × National Register
      - National Register eligible listing
      - State/National Register proposed
   b. State Museum
4. Sensitivity Assessment/Site Prediction

- Blufftop area sensitive for prehistoric sites

5. Recommendations

Undertake sub-surface testing

6. Attachments

- [x] Topographic map (with attached report)
- [x] Project map/Site plan
- [x] Environmental Assessment Form
- [ ] State Museum correspondence
- [ ] Site file information
- [ ] Previous survey information
- [x] Other (specify) Consultants report - Phase I Archaeological Survey

[Signatures and dates]

1/12/88

Arnold Pickman
signature of preparer

-3-
2. References

a. Texts

--- Beauchamp, William
1900 Aboriginal Occupation of New York. New York State Museum Bulletin No. 32. Albany, New York (p. ____).

--- Funk, Robert E.

--- Parker, Arthur

--- Ritchie, William, A.
1969 The Archaeology of New York State. Natural History Press: Garden City, New York (p. ____).

--- Ritchie, William A. and Robert E. Funk

x Other (see attached Bibliography).

b. Maps

x Beers, F.W.
1874 County Atlas of Staten Island (Richmond)

Burr, D.H.

Library of Congress

--- Stone and Stewart, Publishers

x (Other see attached report)

3. Previous Surveys

--- None recorded in OPRHP files

x Survey(s) completed for project area

Oakwood Beach WPCP covered general area
REPORT OF FIELD RECONNAISSANCE

Permit Applicant: Jack Kruger
Permit No.: 20-87-0218
Location: Tottenville, Staten Island

Report Prepared by: Arnold Pickman Affiliation: Consultant Date: 1/12/88

Part I: DOCUMENTARY RESEARCH ADDENDUM AND SITE IDENTIFICATION

A. Documentary Research Addendum (if needed)
   1. Local site inventory checked (specify)
   2. Informants interviewed (name, address, specialty)
   3. Other sources checked (specify)

Results of Documentary Research
   - no sites reported
   x sites reported (describe briefly) Find spots north and south of Project Area. Major site within 1 mile. None reported within project area. 19th century shipyard within project area.

B. Field Investigation
   1. Methodology
      a. Description of structure for survey team (number, organization).
         Two person shovel testing team
      b. Date of survey and description of general surface and subsurface conditions (including season, ground visibility and relative wetness of soil).
         12/16, 12/21, 12/23, 1987/ground obscured by leaf cover or graded/soil dry
Results of Field Investigation

- no sites identified
- 2 site(s) identified

Describe general nature and distribution of sites

Finds of prehistoric chipped stone debitage and tool fragments, shell, and fire cracked rock, some bone from two limited portions of project area. Possible camp sites

- For each site, complete a site inventory form (OPRHP), providing general boundaries and information on nature of the site (e.g. lithic scatter, historic midden, rockshelter). Mark form "Confidential: For Agency Use Only".

2. Recommendations

- no additional work
- Additional investigation Phase II site evaluation survey
- project modification to avoid sites

3. Rationale

- Evaluate the effect of the proposed undertaking on identified cultural resources.
  - If cultural resources are present but will not be impacted, explain why.

- If cultural resources will be impacted, explain how each will be affected.
  Grading/excavation may destroy sites
PART 2: SITE EVALUATION

The archaeological investigator must collect sufficient information about each site affected by the project to evaluate its potential eligibility to the NYS Register of Historic Places. The criteria of eligibility is specified in the State Historic Preservation Act (1980), Section 14.07. Major items are: detailed site boundaries, cultural affiliation and significance.

PRIOR TO COMMENCING ANY ADDITIONAL INVESTIGATION, DISCUSSION MUST OCCUR AMONG THE ARCHAEOLOGICAL CONSULTANT, APPLICANT, ENVIRONMENTAL ANALYST AND CULTURAL RESOURCE SECTION.

A. Consultation

- Consulted with DEC Cultural Resource Section (CRS) on 4/11; 5/17 (date)

Results of consultation

1. X continue investigation

   Documentation of consultation attached (summary of phone conversation specifying date(s), participants and results of discussion).

2. _ submit results of initial field investigations.

B. Methodology

1. Description of research strategies and methodology used.

   Site A - Shovel testing and excavation units to obtain samples and determine extent. Backhoe trenches to confirm presence of landfill.

   Site B - Shovel testing and excavation units to obtain samples, assess extent and investigate stratigraphy. Backhoe used to remove overlying fill in some areas.

2. Description of the excavation and general subsurface conditions.

   Site A - Prehistoric materials derived from landfill deposits. Original topsoil probably removed prior to land-filling. Historic materials suggest late 19th-early 20th century deposition of landfill.

   Site B - Topmost strata consist of landfill containing prehistoric artifacts. Historic materials suggest deposition in late 19th-early 20th century. Underlying strata: brown silty sand probably representing a zone of prior cultivation containing low density of prehistoric material (no diagnostic material recovered); stratum disturbed or removed in some areas—material probably remains of small campsite; underlying yellow/orange sand yielded a small amount of prehistoric material.
A 1 - addendum

As per telephone conversation with Dr. Michael Cinquino on 4/11/88 it was agreed that the Stage II excavations would proceed as discussed in the Stage I report and that additional recording of the shipyard remains would be undertaken. Dr. Cinquino requested that he be kept informed of the progress of the excavations.

On 5/17/88 the Principal Investigator informed Dr. Cinquino of the results of the Stage II investigation of Site A and that the Site B excavations were being undertaken.

Progress report submitted 5/19/88
Preliminary report submitted 6/1/88
D. Recommendations

- X No additional investigation
- Additional investigation
- Project modification to avoid sites

E. Rationale

1. Describe potential impacts and evaluate management alternatives.
   Site A - Prehistoric material from severely disturbed (landfill) context - lacks integrity. Not considered Register eligible.
   Site B - Uppermost deposit from severely disturbed (landfill) context - lacks integrity. Not considered Register eligible. Lower deposit not considered to be Register eligible due to disturbance and low density of material. Estimated extent of lower deposit ca. 700 sq. ft. Western portion to be disturbed by proposed retaining wall construction.

2. Briefly outline a scope of work and general costs for any recommended additional cultural resource study.
NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only--Site Identifier

Project Identifier Woodvall--By--The--Sea

Your Name Arnold Pickman

Address 150 East 56th Street

New York, N.Y.

Zip 10022

Date 7/25/88

Phone (212) 935-0123

Organization (if any) _______________________________________

1. Site Identifier(s) Brown Shipyard

2. County Richmond One of following: City New York

   Township

   Incorporated Village

   Unincorporated Village or Hamlet

3. Present Owner Jack Kruger

   Address 785 Horatio Avenue

   Franklin Square, New York

   Zip 11010

4. Site Description (check all appropriate categories):

   Structure/site

   Superstructure: complete partial x collapsed not evident

   Foundation: above below (ground level) not evident

   _ Structural subdivisions apparent _ Only surface traces visible

   _ Buried traces detected

   List construction materials (be as specific as possible):

   Grounds

   Under cultivation Sustaining erosion Woodland Beach/Underwater

   Never cultivated Previously cultivated Floodplain Upland

   Soil Drainage: excellent good ___ fair ___ poor x

   Slope: flat gentle moderate steep

   Distance to nearest water from structure (approx.) 0-100

   Elevation: 0-4'_____

5. Site Investigation (append additional sheets, if necessary):

   Surface--date(s) 5/25/88

   Site Map (Submit with form*) see Stage II report

   Collection

   Subsurface--date(s) 5/9-25/88

   Testing: shovel coring other Backhoe Trenches unit size

   no. of units 2 sets (Submit plan of units with form*)

   Excavation: unit size

   no. of units

   (Submit plan of units with form*)

   Submission should be 8½"x11", if feasible

Investigator Arnold Pickman

Manuscript or published report(s) (reference fully):

Pickman, Arnold

1988a Phase I Archaeological Survey, Tax Lots 188, 184 and 181, Block 8005, Tottenville, Staten Island, New York. Submitted to NYSDEC

1988b Stage II Archaeological Survey, Woodvale-By-The-Sea, Tax Lots 188, 184 and 181, Block 8005, Tottenville, Staten Island. Submitted to

Present repository of materials n/a

NYSDEC
Addendum - Brown Ship Yard

Ship yard established ca. 1870.
Visible remains consist of posts and beams from shipways, two piers, and railway dry dock. Remains may continue below water.
Additional deteriorated remains of dry dock beneath landfill east of visible portion was exposed by backhoe trenches. Dry dock will be removed by planned construction.
NEW YORK STATE PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only -- Site Identifier

Project Identifier Woodvale-By-The-Sea

Your Name Arnold Pickman

Address 150 East 56th St.

New York, N.Y.

Zip 10022

Date 7/25/88

Phone (212) 935-0123

1. Site Identifier(s)

Site "A" - see Stage I and Stage II reports

2. County Richmond

One of following:

City

New York

Township

Incorporated Village

Unincorporated Village or

Hamlet

3. Present Owner Jack Kruger

Address 785 Horatio Avenue

Franklin Square, New York

Zip 11010

4. Site Description (check all appropriate categories):

Site

Stray find

Pictograph

Burial

Surface evidence

Material below plow zone

Single component

Location

Under cultivation

Pastureland

XUpland

Soil Drainage: excellent X good __ fair __ poor __

Slope: flat __ gentle __ moderate __ steep

Distance to nearest water from site (approx.) 380

Elevation: 34-36

5. Site Investigation (append additional sheets, if necessary):

Surface date(s) XSite Map (Submit with form*) (See Stage II report)

Collection

Subsurface--date(s) 12/16, 12/21-22/87; 5/9-25/88

Testing: shovel x coring other __

unit size ca 1x1

no. of units 18

(Submit plan of units with form*) see Stage I and Stage II reports

Excavation: unit size 4x4; 5x5

no. of units 2

(Submit plan of units with form*) see Stage II report

* Submission should be 8½"x11", if feasible

Repository of Materials - Staten Island Institute of Arts and Sciences

Investigator Arnold Pickman
NEW YORK STATE PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only--Site Identifier

Project Identifier Woodyvale-By-The-Sea

Your Name Arnold Pickman
Address 150 East 56th Street
New York, N.Y.
Zip 10022

Date 7/25/88
Phone (212) 935-0123

Organization (if any) 

1. Site Identifier(s)
   'Area B' - See Stage I and Stage II reports

2. County Richmond
   One of following: City New York
   Township
   Incorporated Village
   Unincorporated Village or Hamlet

3. Present Owner Jack Kruger
   Address 785 Horatio Avenue
   Franklin Square, New York
   Zip 11010

4. Site Description (check all appropriate categories):

   Site
   - Stray find
   - Pictograph
   - Burial
   - Surface evidence
   - Material below plow zone
   - Single component
   - Cave/Rockshelter
   - Quarry
   - Shell midden
   - Material in plow zone
   - Camp
   - Buried evidence
   - Evidence of features
   - Multicomponent
   - Workshop
   - Mound
   - Village
   - Material in landfill
   - Intact occupation floor
   - Stratified
   - Material in landfill
   - Previously cultivated
   - Floodplain
   - Sustaining erosion

   Location
   - Under cultivation
   - Pastureland
   - Woodland
   - Never cultivated
   - Upland
   - Floodplain
   - Sustaining erosion

   Soil Drainage: excellent __ good __ fair __ poor __
   Slope: flat __ gentle __ moderate __ steep __
   Distance to nearest water from site (approx.) __140____
   Elevation: __26'-30'__

5. Site Investigation (append additional sheets, if necessary):

   Surface date(s)
   x Site Map (Submit with form*) See Stage II report
   - Collection

   Subsurface date(s) 12/16, 12/21-22/87; 5/9-25/88
   - Testing: shovel __ coring __ other __
   - no. of units __12__ (Submit plan of units with form*)

   Excavation: unit size 4x4; 3x5; 2½x2; 3x6
   - no. of units __4__ (Submit plan of units with form*)
   - see Stage I and Stage II reports

   Repository of Materials - Staten Island Institute of Arts and Sciences

   Investigator Arnold Pickman