Introduction

National Historic Preservation Act (NHPA), 1966

Section 106, Protection of Historic Properties (36 CFR 800)

National Environmental Policy Act (NEPA), 1970

Integration of NEPA and Section 106

Beltsville Research Facility Building
### NHPA and NEPA Schedule

<table>
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<tr>
<th>Event</th>
<th>Date</th>
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<tr>
<td>Draft Determination of Eligibility Concurrence</td>
<td>March 4, 2021</td>
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<tr>
<td>Draft Master Plan Development Alternatives</td>
<td>March 10, 2021</td>
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<tr>
<td>Introductory Consulting Parties Meeting</td>
<td>Today, March 24, 2021</td>
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<tr>
<td>Preparation of Draft EIS</td>
<td>December 2020-end March 2021</td>
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<tr>
<td>Second Consulting Parties Meeting</td>
<td>End of April 2021 (Tentative)</td>
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<tr>
<td>Draft MP Submission to NCPC</td>
<td>June 4, 2021</td>
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<td>Draft EIS Public Review Period</td>
<td>June 4-July 19, 2021</td>
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<td>Draft EIS Public Hearing</td>
<td>June 23, 2021</td>
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<td>NCPC Commission Hearing – Draft MP</td>
<td>September 2, 2021</td>
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<td>NCPC Approval of Final Master Plan</td>
<td>Mid to late 2022 (tentative)</td>
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<td>Final EIS/ROD</td>
<td>Mid to late 2022 (tentative)</td>
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<tr>
<td>Sign Programmatic Agreement</td>
<td>Mid to late 2022 (tentative)</td>
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Section 106

Process

Initiation
- Determine undertaking
- Coordination with other reviews
- Notification (SHPO/THPO and consulting parties)
- Public engagement plan

Identify historic properties
- Determine Area of Potential Effect (APE)
- Identify Historic Properties
- Consultation/public engagement

Assess potential adverse effects
- Apply criteria of adverse effect
- Consultation/public engagement

Resolve adverse effects
- Avoidance, minimization, mitigation
- Notify Advisory Council on Historic Preservation (ACHP)
- Consultation/public engagement

Agreement Documents (MOA or PA)
Expansion of MRC to consolidate FDA staff and to accommodate a total population of up to 1,800 employees in two phases over approximately 20 years.
Area of Potential Effect (APE)

Determining the Area of Potential Effect

Physical Effects
• Building and Parking Structure Construction
• Site Construction

Visual Effects
Changes in Traffic Patterns

Auditory Effects

Vibration Effects
Construction Activities

Indirect Effects
• View Sheds

Cumulative Effects
Area of Potential Effect (APE)

Draft Map of the Area of Potential Effect
Previous Section 106 consultation results

1966 Site Development Plan
- Predated Section 106

1981 Master Plan Update
- Phase I Archeological Survey identified one site; Phase II evaluation determined it not eligible
- No eligible above-ground resources

1995 Module II
- Environmental Assessment: no historic or archeological resources
Muirkirk Road Campus History

- Muirkirk Ironworks

- Agriculture
  - 19th Century
  - Beltsville Agricultural Research Center (BARC)

- US Food and Drug Administration
  - 1963: Special Pharmacological Animal Laboratory – AKA Beltsville Research Facility (BRF)
  - 1983-1991: Module I
  - 1994-1998: Module II/Animal Research Facility
  - 1998-2002: BRF kennels removed

- East Parcel
  - 1979: Acquisition of East Parcel
  - ca. 1981: South Laurel Water Pumping Station
  - ca. 1993: Maryland Army National Guard
Previous Planning at Muirkirk Road Campus

1966 Site Development Plan
Design concept

1966 Site Development Plan
Model and site planning

1966 Site Development Plan
Landscape concept

1966 Site Development Plan
Landscape concept

1966 Site Development Plan
Architectural concept

1966 Site Development Plan
Architectural concept
Previous Planning at Muirkirk Road Campus

1981 Master Plan Update
Site development

1981 Master Plan Update
Best area of potential views

1981 Master Plan Update
Natural features

1981 Master Plan Update
Buffer zone
Resources in the APE

Determination of Eligibility Site Plan
Determining Eligibility Findings

**Criterion A (History)**
- Determined Not Eligible

**Criterion B (Significant persons)**
- No significant individuals
- Determined Not Eligible

**Criterion C (Design)**
- Lacks integrity
- Not exceptionally significant
- Determined Not Eligible

**Maryland Historical Trust Concurrence: March 4, 2021**
Resources in the APE
No-Action Alternative:
NO ACTION ALTERNATIVE
Aerial View Looking North
Preliminary Draft Development Alternatives

**Alternative A: Compact Campus; Integrating old and new**
- Concentrates new office development at Mod 1 and 2
- Locates all new parking at BRF in two garages
- Is most disruptive during construction
- Adds the least impervious surfaces
- Requires more new roadways than B but less than C

**Alternative B: Dual Campus; Distributing development between two sites**
- Splits new office development between Mod 1 and 2 and BRF
- Locates one new parking garage at Mod 1 and 2 and one at BRF
- Causes moderate disruption during construction
- Adds more impervious surfaces than A but less than C
- Requires least new roadways

**Alternative C: Northeast Campus; Re-imagining BRF**
- Concentrates new office development at BRF
- Locates all new parking at BRF in one garage
- Is least disruptive during construction
- Adds most impervious surfaces
- Requires most new roadways
Alternative A:
Compact Campus; Integrating old and new
Preliminary Draft Development Alternatives

Alternative A: Compact Campus, Integrating old and new

Concept Diagram

1. Natural landscape amenity space
2. Central campus landscape space

LEGEND
- MRC Boundary
- Other FDA-Owned Parcels
- Existing Buildings
- New Buildings
- Parking Structure
- Axial Relationship
- Stream Valley Buffer

0 50 100 200m
Preliminary Draft Development Alternatives

Alternative A: Compact Campus, Integrating old and new

Aerial View Looking North
Preliminary Draft Development Alternatives

Alternative A: Compact Campus; Integrating old and new

*Illustrative Plan - Overall Land Use*

1. New Office Building
2. New Parking Garage
3. Maintenance & Storage
4. Truck Screening
5. Covered Waiting Area/Visitors Check-in
6. Bus pick-up/drop-off
7. Surface Parking

**SUSTAINABILITY FEATURES**

2. Green Roof
3. Solar Panels
4. Green Wall Adj. Parking Garage
5. Micro-Bio Retention
6. Potential Underground S.W. Storage

**LEGEND**

- MRC Boundary
- Other FDA-Owned Parcels
- Existing Buildings
- Parking Structure
- Stream Valley Buffer
Alternative A: Compact Campus; Integrating old and new

View from Muirkirk Road Looking Southeast
Alternative B:
Dual Campus; Distributing development between two sites
Preliminary Draft Development Alternatives

Alternative B: Dual Campus; Distributing development between two sites

Concept Diagram

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1. Natural landscape amenity space
2. Distributed campus landscape space
Preliminary Draft Development Alternatives

Alternative B: Dual Campus; Distributing development between two sites

Aerial View Looking North
Preliminary Draft Development Alternatives

Alternative B: Dual Campus; Distributing development between two sites

Illustrative Plan - Overall Land Use

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2021 MASTERPLAN | FDA MUIRKIRK ROAD CAMPUS

CONSULTING PARTIES INFORMATION MEETING | MARCH 24, 2021
Preliminary Draft Development Alternatives

Alternative B: Dual Campus; Distributing development between two sites

View from Muirkirk Road Looking Southeast
Alternative C: Northeast Campus; Re-imagining BRF
Preliminary Draft Development Alternatives

Alternative C: Northeast Campus, Reimaging BRF
Concept Diagram

1. Natural landscape amenity space
2. Distributed campus landscape space

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Preliminary Draft Development Alternatives

Alternative C: Northeast Campus; Reimaging BRF

Aerial View Looking North
Preliminary Draft Development Alternatives

Alternative C: Northeast Campus, Re-imagining BRF

Illustrative Plan - Overall Land Use

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LEGEND

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Preliminary Draft Development Alternatives

Alternative C: Northeast Campus; Reimagining BRF
View from Muirkirk Road Looking Southeast
Previous Archaeological Surveys

- 1981 McCarthy and Thomas
  - East of Odell Rd, MdNG Facility
    - 18PR377
  - South and West of BRF
  - North of Odell Rd, Quarantine Facility

- Curry 1983
  - ICC Alternative
  - “Windshield” Survey
2020 Archaeological Survey

- Total APE 233.2-ac
  - 194.7-ac main campus
  - 38.5-ac east parcel
- Shovel Test Pits (STPs) and Pedestrian Survey
  - 14 Survey areas
  - 1,738 STPs
  - 43 hand auger tests
ARCHAEOLOGICAL FINDINGS

Results of Archaeological Survey

- No artifacts in main campus area
- Mining Pits Throughout
- No evidence of Moore and Snowden Residences from 19th century maps
- Site 18PR1198 in East Parcel
Site 18PR1198

Results of Archaeological Survey

- 5.8 acres on knoll east of Odell Rd
- 41 positive STPs
- Lithic Scatter
  - Late stage production flakes
  - Ground stone tool
  - Late stage bifacial tools
- Diagnostic artifacts
  - Middle Archaic (6,200-5,000 BP)
  - Late Archaic (4,500-3,500 PB)
  - Early Woodland (3,100-2,500 BP)
- No evidence of features
- Site may be unplowed or minimally plowed, but logged
Next Steps

Environmental Impact Statement (EIS)

Draft EIS
- December 2020 – end of March 2021

Public Review Draft EIS
- June 4-July 19, 2021
  - Public Hearing Week of June 23, 2021

Final EIS/Record of Decision
- Mid to late 2022 (tentative)

NHPA/Section 106

Consulting Parties Meetings
- March-April 2021
  - Introduction
  - Alternatives
  - Effects
  - Draft Agreement Documents

Draft Agreement Documents
- June 2021 (EIS Appendix)

Sign Agreement Document
- Mid to late 2022 (tentative)
Beltsville Research Facility, Rendering from *Architectural Forum*, 1963.