

## Appendix E.03 – Agricultural Lands

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APPENDIX E.03

AGRICULTURAL LANDS – ERRATA SHEET

|    | Incorrect Tier 1 Draft EIS Text/Table |  | Tier 1 Final EIS Text/Table (Volume 2) Page |
|----|---------------------------------------|--|---|
|    | Page                                  | Description  |   |
| 1. | 1-3                                   | A list of the plans reviewed for goals and objectives related to agricultural lands was added to Appendix E.03 following the Data Matrices. This list was added in response to a comment in the DEIS noting that it was missing. | Agriculture Plan Summary                    |



# Agricultural Lands (Prime Farmlands and Timberlands) Effects Assessment Methodology

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FINAL

Submitted by:



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# 1. Agricultural Lands (Prime Farmlands and Timberlands) Effects Assessment Methodology

## 1.1 INTRODUCTION

This methodology explains how the NEC FUTURE program will address the potential effects of the Tier 1 EIS Alternatives on Agricultural Lands (Prime Farmlands and Timberlands) in the Tier 1 EIS.

This methodology presents the regulatory framework, involved government agencies, expected regulatory and other outcomes of the Tier 1 EIS process and relevance to Tier 2, project-level assessments. It also identifies data sources, metrics and methods to be used to document existing conditions and analyze environmental consequences. This methodology may be revised as the NEC FUTURE program advances and new information is available.

## 1.2 DEFINITIONS

Agricultural lands include the Nation's farmlands and timberlands, which are unique natural resources that provide food, fiber, wood, and water necessary for the continued welfare of the people of the United States. Prime farmland and prime timberland are further defined below as per the United State's Department of Agriculture's Natural Resources Conservation Service.

- ▶ *Prime Farmland*: Land that has the best combination of physical and chemical characteristics for producing food, feed, fiber, forage, oilseed, and other agricultural crops with minimum inputs of fuel, fertilizer, pesticides, and labor, and without intolerable soil erosion [...] Prime farmland includes land that possesses the above characteristics but is being used currently to produce livestock and timber as well as yield crops. It does not include land already in or committed to urban development or water storage.
- *Prime Timberland*: Land that has soil capable of growing wood at the rate of 85 cubic feet or more/acre/year (at culmination of mean annual increment) in natural stands and is not in urban or built-up land uses or water. This is land currently in forest, but does not exclude qualifying lands that could realistically be returned to forest.

## 1.3 RELATED RESOURCES

The effects assessments from other resources evaluated as part of the Tier 1 EIS will contribute to the assessment of effects on agricultural lands. These related resources are identified in Table 1. Note that the effects assessments for those related resources will be documented within their respective Tier 1 EIS sections.

Table 1: Related Resource Inputs to Agricultural Lands Assessment

| Resource | Input to Agricultural Lands Assessment   |
|----------|--|
| Land Use | <ul style="list-style-type: none"> <li>▪ Land cover assessment for areas where a "conversion" of land use may occur</li> <li>▪ State and regional plans that propose conservation or preservation of lands for agricultural use</li> </ul> |

Source: NEC FUTURE JV Team, 2013

#### 1.4 AGENCY AND REGULATORY FRAMEWORK

Agricultural lands are subject to regulation by the United States Department of Agriculture (USDA). Applicable legislation and regulations, listed in Table 2 will be considered, consistent with a Tier 1 level of assessment, in the evaluation of agricultural lands for the NEC FUTURE program.

Table 2: Federal Agency Roles in Management and Regulation of Agricultural Lands (Prime Farmlands and Timberlands)

| Federal Agency   | Regulatory Oversight   | Description   | Regulated Resource  |
|--|--|---|---|
| United States Department of Agriculture                              | <ul style="list-style-type: none"> <li>▪ <i>Farmland Protection Policy Act</i> - (§4202 (b) Title 7 Chapter 73)</li> </ul> | <ul style="list-style-type: none"> <li>▪ Directs federal agencies to minimize the extent to which their federal programs contribute to the unnecessary and irreversible conversion of farmland to nonagricultural uses</li> </ul> | <ul style="list-style-type: none"> <li>▪ Prime farmland</li> </ul>                    |
| United States Department of Agriculture, Office of Rural Development | <ul style="list-style-type: none"> <li>▪ Departmental Regulation 9500-3</li> </ul>   | <ul style="list-style-type: none"> <li>▪ Purpose is to minimize the continued conversion of farmland and timberland resources</li> </ul>  | <ul style="list-style-type: none"> <li>▪ Farmland and timberland resources</li> </ul> |

Source: NEC FUTURE JV Team, 2013

The USDA, Natural Resources Conservation Service (NRCS) identifies, maintains, inventories and monitors the use and development of prime farmland and timberland soils.

##### 1.4.1 Regulatory Compliance

No formal agency approvals would be requested for the Tier 1 EIS. The requirements for subsequent Tier 2 evaluations, including compliance with the Farmland Policy Protection Act, will be described in the Tier 1 EIS. During the Tier 1 EIS process, the FRA will initiate dialogue with the USDA to identify potential opportunities to streamline subsequent Tier 2 environmental reviews (see Section 1.7). Coordination with USDA will be consistent with the NEC FUTURE's Agency Coordination Plan and support the Statement of Principles (SOP) established between the FRA and federal regulatory agencies as part of the Council on Environmental Quality (CEQ) Pilot program.

## 1.5 METHODOLOGY TO ASSESS EFFECTS

This effects assessment methodology identifies the approach and assumptions for describing existing conditions of agricultural resources, and environmental consequences of the Tier 1 EIS Alternatives on those resources. It identifies data sources, defines the Affected Environment and Context Area considered for agricultural lands, and the approach for evaluating potential direct effects<sup>1</sup>. Direct effects include encroachment or alteration of existing agricultural lands as a result of the Tier 1 EIS Alternatives. Indirect effects,<sup>2</sup> such as those resulting from induced growth as a result of the Tier 1 EIS Alternatives, will be addressed in a separate methodology (see Indirect Effects Assessment Methodology).

### 1.5.1 Existing Conditions

The data sources listed in Table 3 will be used to establish the existing conditions for agricultural lands.

Table 3: Data Sources for the Evaluation of Agricultural Lands

| Agricultural Resource               | Data Source   | Data Application   |
|-------------------------------------|---|--|
| Prime Farmland and Prime Timberland | <ul style="list-style-type: none"> <li>▪ Annual State Agricultural Statistics Bulletin</li> <li>▪ NRCS Soil Survey Geographic Database</li> <li>▪ National Land Cover Database (2006)</li> <li>▪ USDA Forest Resource related technical reports</li> <li>▪ State and Local Data and Publications</li> </ul> | <ul style="list-style-type: none"> <li>▪ Provide a qualitative analysis of each state's agricultural production and top commodities.</li> <li>▪ Soils meeting Prime Farmland and timberland requirement will be queried and evaluated in a GIS</li> <li>▪ Used in conjunction with NRCS data; developed/urbanized lands were excluded from the Farmlands and Timberland query</li> <li>▪ Identify each state's important forest resource issues</li> <li>▪ State and local data to supplement information extracted from USDA publications listed above</li> </ul> |

Source: NEC FUTURE JV, 2013

The existing conditions for agricultural lands will be documented in the Tier 1 EIS for an established Affected Environment and Context Area. The Affected Environment is a 2,000-foot wide swath centered on the Representative Route<sup>3</sup> for each of the Tier 1 EIS Alternatives. The 2,000-foot-swath is sufficiently wide to:

<sup>1</sup> Direct Effects are caused by the action and occur at the same time and place (40 CFR § 1508.8)

<sup>2</sup> Indirect effects are those that occur later in time or are further removed in distance (40 CFR § 1508.8)

<sup>3</sup> Representative Route refers to a proposed route or potential alignment for a Tier 1 EIS Alternative. The Representative Route includes the physical footprint of the improvements associated with the Tier 1 EIS Alternatives. The horizontal and vertical dimensions of the footprint of the Representative Route are based on prototypical cross-sections for these improvements. The Representative Route is used as a proxy for estimating the potential effects of a route whose location could shift during subsequent project-level reviews.

- ▶ Encompass and account for the improvements associated with a Representative Route including infrastructure improvements (such as embankments, aerial structures, track improvements), ancillary facilities (such as stations, yards and parking structures), or service changes
- ▶ Account for contiguous agricultural lands that extend beyond the Representative Route

The total area (acres) of agricultural lands located within the Affected Environment for each alternative will be estimated within each state on a county-by-county basis. Acres of agricultural lands by prime farmland and prime timberland will be presented in tables and also mapped using GIS.

The Context Area is five miles wide, centered on the Representative Route for each of the Tier 1 EIS Alternatives. Within the Context Area, agricultural lands will be mapped but total area will not be quantified, in order to qualitatively characterize the resources that could be affected should the Representative Route shift. For resources within the Context Area, general characteristics of, and relative size and location of, agricultural lands will be presented; this information will be used to supplement the quantitative assessment of effects for the Affected Environment.

### 1.5.2 Environmental Consequences

Within the Affected Environment, environmental consequences will be determined for those areas where a Representative Route of a Tier 1 EIS Alternative overlaps with agricultural lands. A qualitative assessment of resources present in the Context Area will be used to supplement the effects assessment.

The following steps will be undertaken to evaluate the environmental consequences of each Tier 1 EIS Alternative on agricultural lands within the Affected Environment:

1. Overlay and analyze agricultural resources using GIS data from the land cover assessment (see Table 1) for the Affected Environment.
2. Calculate the area of potential agricultural conversions (for example, an area that is currently designated as agricultural lands that may be converted to a transportation use) for a Representative Route. This will be done by using a GIS overlay.
3. Identify areas of potential concern, such as concentrations of agricultural lands that could be bisected or have access constraints as a result of implementation of the Representative Route

For the Context Area, agricultural will be qualitatively discussed with regard to the potential for change in use or current condition, should there be a shift in a Representative Route.

Temporary construction-related effects to agricultural lands will be described as to the location, duration and type of activity. The NEC FUTURE program overall approach to assessing construction-related effects at the Tier 1 EIS level is further described in a separate Construction Effects Assessment Approach document. Construction methods and activities for the Tier 1 EIS Alternatives will be the basis of this assessment and will be described in Chapter 2.

### 1.5.3 Mitigation Strategies

A menu of potential mitigation measures will be developed on a programmatic scale for further consideration in Tier 2. An example of a programmatic mitigation measures for agricultural lands would include providing equipment access via rights-of-way.

## 1.6 TIER 1 EIS OUTCOMES

The Tier 1 EIS agricultural assessment will:

- ▶ Quantify acres of agricultural lands within the Affected Environment
- ▶ Map the distribution of agricultural lands in the Affected Environment and Context Area
- ▶ Overlay information from the land cover assessment as identified in Table 1
- ▶ Calculate the area of potential agricultural conversions for a Representative Route
- ▶ Identify potential mitigation strategies
- Describe regulatory compliance requirements for subsequent Tier 2 evaluations

## 1.7 APPLICABILITY TO TIER 2 ASSESSMENTS

The Tier 1 Analysis will identify areas where there is potential for conversions of agricultural lands to a transportation use. Tier 2 analyses would further define the actual acreage of agriculture lands that could be converted, as well as include the development of mitigation measures and designs that would avoid or minimize effects on agricultural lands.

Additionally, FRA will identify ways in which agency coordination during the Tier 1 process could create efficiencies and help streamline subsequent Tier 2 reviews and approvals. For example, if a particular portion or element of a Tier 1 EIS Alternative avoids conversion or any other impact on agricultural lands, FRA may coordinate with USDA to determine whether or not those portions need further evaluation during the Tier 2 environmental review process.

# Application of Effects-Assessment Methodology

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### 3.1 AGRICULTURAL LANDS (PRIME FARMLANDS AND TIMBERLANDS): APPLICATION OF EFFECTS-ASSESSMENT METHODOLOGY

#### 3.1.1 Variations to Effects-Assessment Methodology

The following is a variation from the Effects-Assessment Methodology:

- ▶ The definition of Agricultural Lands was modified as below:
  - *Prime farmland* is considered land underlain by soil identified by the U.S. Department of Agriculture’s Natural Resources Conservation Service (USDA NRCS) as having the best combination of physical and chemical characteristics for producing food and other agricultural crops.
  - *Prime timberland* is land designated by the USDA NRCS as having the capability of growing a significant volume of timber when left in natural conditions. This designation also applies to lands that are not currently in forest but realistically could be vegetated with timber.

#### 3.1.2 Data Variations

The following is a variation from the identified data sources in the Effects-Assessment Methodology:

- ▶ Areas of land cover identified as “Developed” (high, low, medium, open space) were removed from the Agricultural Lands dataset before conducting analysis. This was done to avoid inaccurate acreage estimates caused by the inclusion of land covers that are unlikely to be used as agricultural lands. The variation is based on the assumption that when land is developed, the top soil is removed and the properties that are most valued for agriculture and timber are thus eliminated. It is not realistic to assume that developed lands would ever again be suitable for agricultural or timber uses.

#### 3.1.3 Criteria for Analysis

##### Existing Conditions

- ▶ All Agricultural Lands identified within the Affected Environment of each Action Alternative were included in the total acreage listed for each county and state. Additional analysis was conducted to highlight areas of potential impact based on the use of thresholds and the results were included in the main body of the Tier 1 Draft EIS:
  - Through the use of statistical analysis, a supermajority (approximately 75 percent) of the counties within the Affected Environment was found to have less than 500 acres of Prime Farmlands and less than 1,000 acres of Prime Timberlands. The remaining approximately 25 percent of counties above those respective thresholds were highlighted in the text and bulleted lists within the report. Acreages close to the threshold were rounded up to 500 or 1,000 (e.g., 450+, 950+) and included.
  - Contiguous tracts of Prime Farmland and Prime Timberland bisected by the Representative Route were identified visually within the Data Viewer.

## Environmental Consequences

- ▶ All Agricultural Lands identified within the Representative Route of each Action Alternative were included in the total acreage listed for each county and state in the Appendix E.03 Agricultural Lands table. Additional analysis was conducted to highlight areas of potential impact through the use of thresholds and the results were included in the main body of the Tier 1 Draft EIS:
  - A visual analysis within the NEC FUTURE Data Viewer (Data Viewer) was performed to identify areas of potential concern. Agricultural tracts that could be bisected or have access constraints as a result of implementation of the Representative Route were identified.
  - Specific consideration was given to the size, concentration, and contiguity of agricultural tracts. Contiguous and large concentrations of agricultural tracts were identified and, more specifically, where and how the tracts intersect with the Representative Routes of each of the Tier 1 Draft EIS Action Alternatives was highlighted in the effects assessment.
  - Occurrences where more than approximately 5 percent of the total Environmental Consequences to agricultural lands (i.e., the total acres of potential Prime Farmland or Prime Timberland impacts) for any Action Alternative lay within a single county were highlighted. This disclosure threshold is not related to any specific regulatory thresholds and is solely for the purpose of summarizing information presented in the main body of the Tier 1 Draft EIS.
  - The highest number of impacts (i.e., acreages) within an Action Alternative or option was highlighted at the county level.
- ▶ No construction types were excluded when quantifying effects on agricultural lands, as no avoidance of impact could be assumed to be associated with any construction type.

## Environmental Consequences – Stations

- ▶ Impacts on agricultural lands due to new station construction were identified. In addition, modifications to existing stations were identified where an interaction with agricultural lands was observed.

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## Data Matrices

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| Geography            |                      | Prime Farmland                     |               |               |                      |                      |                      |                      |              | Prime Timberland                   |               |                      |                      |       |       |   |  |
|----------------------|----------------------|------------------------------------|---------------|---------------|----------------------|----------------------|----------------------|----------------------|--------------|------------------------------------|---------------|----------------------|----------------------|-------|-------|---|--|
|                      |                      | Environmental Consequences (Acres) |               |               |                      |                      |                      |                      |              | Environmental Consequences (Acres) |               |                      |                      |       |       |   |  |
|                      |                      | Existing NEC                       | Alternative 1 | Alternative 2 | Alternative 3        |                      |                      |                      | Existing NEC | Alternative 1                      | Alternative 2 | Alternative 3        |                      |       |       |   |  |
| via CC and PVD (3.1) | via LI and PVD (3.2) |                                    |               |               | via LI and WOR (3.3) | via CC and WOR (3.4) | via CC and PVD (3.1) | via LI and PVD (3.2) |              |                                    |               | via LI and WOR (3.3) | via CC and WOR (3.4) |       |       |   |  |
| DC                   | District of Columbia | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 5                    | 5     | 5     | 5 |  |
| MD                   | Prince George's      | 1                                  | 1             | 1             | 4                    | 4                    | 4                    | 4                    | 8            | 8                                  | 8             | 63                   | 63                   | 63    | 63    |   |  |
| MD                   | Anne Arundel         | 2                                  | 2             | 2             | 30                   | 30                   | 30                   | 30                   | 44           | 44                                 | 44            | 271                  | 271                  | 271   | 271   |   |  |
| MD                   | Howard               | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| MD                   | Baltimore County     | 2                                  | 2             | 2             | 9                    | 9                    | 9                    | 9                    | 9            | 9                                  | 9             | 24                   | 24                   | 24    | 24    |   |  |
| MD                   | Baltimore City       | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 1            | 1                                  | 1             | 8                    | 8                    | 8     | 8     |   |  |
| MD                   | Harford              | 13                                 | 13            | 14            | 57                   | 57                   | 57                   | 57                   | 25           | 25                                 | 43            | 129                  | 129                  | 129   | 129   |   |  |
| MD                   | Cecil                | 21                                 | 21            | 75            | 134                  | 134                  | 134                  | 134                  | 129          | 129                                | 225           | 343                  | 343                  | 343   | 343   |   |  |
| DE                   | New Castle           | 5                                  | 5             | 10            | 26                   | 26                   | 26                   | 26                   | 37           | 37                                 | 63            | 146                  | 146                  | 146   | 146   |   |  |
| PA                   | Delaware             | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 1                    | 1                    | 1     | 1     |   |  |
| PA                   | Montgomery           | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| PA                   | Philadelphia         | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 3             | 1                    | 1                    | 1     | 1     |   |  |
| PA                   | Bucks                | 0                                  | 0             | 0             | 3                    | 3                    | 3                    | 3                    | 7            | 7                                  | 7             | 41                   | 41                   | 41    | 41    |   |  |
| NJ                   | Salem                | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Gloucester           | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Camden               | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Burlington           | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Mercer               | 4                                  | 4             | 4             | 29                   | 29                   | 29                   | 29                   | 18           | 18                                 | 18            | 83                   | 83                   | 83    | 83    |   |  |
| NJ                   | Middlesex            | 23                                 | 23            | 29            | 100                  | 100                  | 100                  | 100                  | 47           | 47                                 | 56            | 176                  | 176                  | 176   | 176   |   |  |
| NJ                   | Somerset             | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Union                | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Essex                | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Bergen               | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NJ                   | Hudson               | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NY                   | New York             | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NY                   | Richmond             | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NY                   | Queens               | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NY                   | Kings                | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NY                   | Bronx                | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NY                   | Westchester          | 0                                  | 0             | 0             | 33                   | 0                    | 0                    | 33                   | 0            | 0                                  | 0             | 213                  | 0                    | 0     | 213   |   |  |
| NY                   | Putnam               | 0                                  | 0             | 0             | 20                   | 0                    | 0                    | 20                   | 0            | 0                                  | 0             | 67                   | 0                    | 0     | 67    |   |  |
| NY                   | Nassau               | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| NY                   | Suffolk              | 0                                  | 0             | 0             | 0                    | 35                   | 35                   | 0                    | 0            | 0                                  | 0             | 0                    | 76                   | 76    | 0     |   |  |
| CT                   | Fairfield            | 1                                  | 1             | 1             | 13                   | 1                    | 1                    | 13                   | 8            | 8                                  | 8             | 148                  | 8                    | 8     | 148   |   |  |
| CT                   | Litchfield           | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| CT                   | New Haven            | 7                                  | 7             | 32            | 35                   | 38                   | 38                   | 35                   | 76           | 76                                 | 192           | 285                  | 205                  | 205   | 285   |   |  |
| CT                   | Hartford             | 0                                  | 0             | 18            | 28                   | 28                   | 26                   | 23                   | 0            | 0                                  | 112           | 125                  | 215                  | 198   | 101   |   |  |
| CT                   | Tolland              | 0                                  | 0             | 39            | 39                   | 39                   | 5                    | 5                    | 0            | 0                                  | 273           | 273                  | 273                  | 116   | 116   |   |  |
| CT                   | Windham              | 0                                  | 0             | 34            | 34                   | 34                   | 0                    | 0                    | 0            | 0                                  | 325           | 325                  | 325                  | 11    | 11    |   |  |
| CT                   | Middlesex            | 16                                 | 18            | 16            | 16                   | 16                   | 16                   | 16                   | 58           | 63                                 | 58            | 58                   | 58                   | 58    | 58    |   |  |
| CT                   | New London           | 42                                 | 73            | 42            | 42                   | 42                   | 42                   | 42                   | 171          | 393                                | 171           | 171                  | 171                  | 171   | 171   |   |  |
| RI                   | Washington           | 66                                 | 92            | 66            | 66                   | 66                   | 66                   | 66                   | 338          | 519                                | 338           | 338                  | 338                  | 338   | 338   |   |  |
| RI                   | Kent                 | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 8            | 8                                  | 8             | 8                    | 8                    | 8     | 8     |   |  |
| RI                   | Providence           | 0                                  | 0             | 25            | 28                   | 28                   | 0                    | 0                    | 1            | 1                                  | 282           | 291                  | 291                  | 1     | 1     |   |  |
| MA                   | Hampden              | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| MA                   | Worcester            | 0                                  | 0             | 0             | 0                    | 0                    | 34                   | 34                   | 0            | 0                                  | 0             | 0                    | 0                    | 238   | 238   |   |  |
| MA                   | Middlesex            | 0                                  | 0             | 0             | 0                    | 0                    | 9                    | 9                    | 0            | 0                                  | 0             | 0                    | 0                    | 70    | 70    |   |  |
| MA                   | Bristol              | 0                                  | 0             | 2             | 6                    | 6                    | 0                    | 0                    | 79           | 79                                 | 107           | 246                  | 246                  | 79    | 79    |   |  |
| MA                   | Norfolk              | 14                                 | 14            | 17            | 38                   | 38                   | 14                   | 14                   | 122          | 122                                | 143           | 347                  | 347                  | 122   | 122   |   |  |
| MA                   | Suffolk              | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 0                    | 0                    | 0     | 0     |   |  |
| DC                   | Total                | 0                                  | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                                  | 0             | 5                    | 5                    | 5     | 5     |   |  |
| MD                   | Total                | 39                                 | 39            | 94            | 235                  | 235                  | 235                  | 235                  | 216          | 216                                | 331           | 838                  | 838                  | 838   | 838   |   |  |
| DE                   | Total                | 5                                  | 5             | 10            | 26                   | 26                   | 26                   | 26                   | 37           | 37                                 | 63            | 146                  | 146                  | 146   | 146   |   |  |
| PA                   | Total                | 0                                  | 0             | 0             | 3                    | 3                    | 3                    | 3                    | 8            | 8                                  | 10            | 42                   | 42                   | 42    | 42    |   |  |
| NJ                   | Total                | 28                                 | 28            | 34            | 128                  | 128                  | 128                  | 128                  | 65           | 65                                 | 73            | 259                  | 259                  | 259   | 259   |   |  |
| NY                   | Total                | 0                                  | 0             | 0             | 54                   | 35                   | 35                   | 54                   | 0            | 0                                  | 0             | 280                  | 77                   | 77    | 280   |   |  |
| CT                   | Total                | 65                                 | 98            | 181           | 208                  | 198                  | 127                  | 134                  | 313          | 540                                | 1,139         | 1,386                | 1,255                | 767   | 889   |   |  |
| RI                   | Total                | 66                                 | 92            | 91            | 94                   | 94                   | 66                   | 66                   | 347          | 527                                | 628           | 637                  | 637                  | 346   | 346   |   |  |
| MA                   | Total                | 14                                 | 14            | 19            | 44                   | 44                   | 57                   | 57                   | 201          | 201                                | 250           | 593                  | 593                  | 509   | 509   |   |  |
| Grand Total          |                      | 217                                | 276           | 429           | 791                  | 762                  | 678                  | 703                  | 1,187        | 1,595                              | 2,494         | 4,185                | 3,851                | 2,989 | 3,315 |   |  |

| Geography            |                      | Prime Farmland               |               |               |                      |                      |                      |                      |              | Prime Timberland             |               |                      |                      |        |        |  |  |
|----------------------|----------------------|------------------------------|---------------|---------------|----------------------|----------------------|----------------------|----------------------|--------------|------------------------------|---------------|----------------------|----------------------|--------|--------|--|--|
|                      |                      | Affected Environment (Acres) |               |               |                      |                      |                      |                      |              | Affected Environment (Acres) |               |                      |                      |        |        |  |  |
|                      |                      | Existing NEC                 | Alternative 1 | Alternative 2 | Alternative 3        |                      |                      |                      | Existing NEC | Alternative 1                | Alternative 2 | Alternative 3        |                      |        |        |  |  |
| via CC and PVD (3.1) | via LI and PVD (3.2) |                              |               |               | via LI and WOR (3.3) | via CC and WOR (3.4) | via CC and PVD (3.1) | via LI and PVD (3.2) |              |                              |               | via LI and WOR (3.3) | via CC and WOR (3.4) |        |        |  |  |
| DC                   | District of Columbia | 2                            | 2             | 2             | 2                    | 2                    | 2                    | 2                    | 69           | 69                           | 69            | 73                   | 73                   | 73     | 73     |  |  |
| MD                   | Prince George's      | 131                          | 131           | 131           | 134                  | 134                  | 134                  | 134                  | 641          | 641                          | 641           | 660                  | 660                  | 660    | 660    |  |  |
| MD                   | Anne Arundel         | 156                          | 156           | 156           | 219                  | 219                  | 219                  | 219                  | 1,510        | 1,510                        | 1,510         | 1,811                | 1,811                | 1,811  | 1,811  |  |  |
| MD                   | Howard               | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 6            | 6                            | 6             | 6                    | 6                    | 6      | 6      |  |  |
| MD                   | Baltimore County     | 221                          | 221           | 221           | 381                  | 381                  | 381                  | 381                  | 560          | 560                          | 560           | 919                  | 919                  | 919    | 919    |  |  |
| MD                   | Baltimore City       | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 36           | 36                           | 36            | 52                   | 52                   | 52     | 52     |  |  |
| MD                   | Harford              | 876                          | 876           | 870           | 1,072                | 1,072                | 1,072                | 1,072                | 1,702        | 1,702                        | 1,707         | 2,472                | 2,472                | 2,472  | 2,472  |  |  |
| MD                   | Cecil                | 838                          | 838           | 1,847         | 1,850                | 1,850                | 1,850                | 1,850                | 2,090        | 2,090                        | 3,609         | 3,613                | 3,613                | 3,613  | 3,613  |  |  |
| DE                   | New Castle           | 185                          | 185           | 196           | 206                  | 206                  | 206                  | 206                  | 819          | 819                          | 992           | 994                  | 994                  | 994    | 994    |  |  |
| PA                   | Delaware             | 18                           | 18            | 3             | 18                   | 18                   | 18                   | 18                   | 38           | 38                           | 7             | 38                   | 38                   | 38     | 38     |  |  |
| PA                   | Montgomery           | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| PA                   | Philadelphia         | 5                            | 5             | 5             | 5                    | 5                    | 5                    | 5                    | 43           | 43                           | 57            | 44                   | 44                   | 44     | 44     |  |  |
| PA                   | Bucks                | 92                           | 92            | 92            | 93                   | 93                   | 93                   | 93                   | 384          | 384                          | 384           | 395                  | 395                  | 395    | 395    |  |  |
| NJ                   | Salem                | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NJ                   | Gloucester           | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NJ                   | Camden               | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NJ                   | Burlington           | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NJ                   | Mercer               | 273                          | 273           | 273           | 282                  | 282                  | 282                  | 282                  | 807          | 807                          | 807           | 835                  | 835                  | 835    | 835    |  |  |
| NJ                   | Middlesex            | 566                          | 566           | 576           | 610                  | 610                  | 610                  | 610                  | 953          | 953                          | 985           | 1,016                | 1,016                | 1,016  | 1,016  |  |  |
| NJ                   | Somerset             | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NJ                   | Union                | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 7            | 7                            | 9             | 9                    | 9                    | 9      | 9      |  |  |
| NJ                   | Essex                | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 3            | 3                            | 3             | 3                    | 3                    | 3      | 3      |  |  |
| NJ                   | Bergen               | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NJ                   | Hudson               | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 1                            | 1             | 1                    | 1                    | 1      | 1      |  |  |
| NY                   | New York             | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NY                   | Richmond             | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NY                   | Queens               | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NY                   | Kings                | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NY                   | Bronx                | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| NY                   | Westchester          | 4                            | 4             | 5             | 545                  | 1                    | 1                    | 545                  | 28           | 28                           | 37            | 3,069                | 28                   | 28     | 3,069  |  |  |
| NY                   | Putnam               | 0                            | 0             | 0             | 227                  | 0                    | 0                    | 227                  | 0            | 0                            | 0             | 857                  | 0                    | 0      | 857    |  |  |
| NY                   | Nassau               | 0                            | 0             | 0             | 0                    | 15                   | 15                   | 0                    | 0            | 0                            | 0             | 12                   | 12                   | 0      | 0      |  |  |
| NY                   | Suffolk              | 0                            | 0             | 0             | 0                    | 395                  | 395                  | 0                    | 0            | 0                            | 0             | 800                  | 800                  | 0      | 0      |  |  |
| CT                   | Fairfield            | 61                           | 71            | 72            | 336                  | 71                   | 71                   | 336                  | 325          | 373                          | 402           | 2,486                | 373                  | 373    | 2,486  |  |  |
| CT                   | Litchfield           | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 0      | 0      |  |  |
| CT                   | New Haven            | 179                          | 179           | 492           | 651                  | 504                  | 504                  | 651                  | 1,584        | 1,584                        | 2,625         | 4,640                | 2,664                | 2,664  | 4,640  |  |  |
| CT                   | Hartford             | 0                            | 0             | 251           | 370                  | 256                  | 344                  | 459                  | 0            | 0                            | 1,109         | 1,531                | 1,757                | 1,949  | 1,723  |  |  |
| CT                   | Tolland              | 0                            | 0             | 509           | 509                  | 509                  | 210                  | 210                  | 0            | 0                            | 3,667         | 3,667                | 3,667                | 3,482  | 3,482  |  |  |
| CT                   | Windham              | 0                            | 0             | 526           | 526                  | 526                  | 13                   | 13                   | 0            | 0                            | 4,369         | 4,369                | 4,369                | 284    | 284    |  |  |
| CT                   | Middlesex            | 192                          | 194           | 192           | 192                  | 192                  | 192                  | 192                  | 959          | 963                          | 959           | 959                  | 959                  | 959    | 959    |  |  |
| CT                   | New London           | 548                          | 1,063         | 548           | 548                  | 548                  | 548                  | 548                  | 2,541        | 5,939                        | 2,541         | 2,541                | 2,541                | 2,541  | 2,541  |  |  |
| RI                   | Washington           | 1,081                        | 1,280         | 1,081         | 1,081                | 1,081                | 1,081                | 1,081                | 4,786        | 6,201                        | 4,786         | 4,786                | 4,786                | 4,786  | 4,786  |  |  |
| RI                   | Kent                 | 1                            | 1             | 1             | 1                    | 1                    | 1                    | 1                    | 156          | 156                          | 156           | 156                  | 156                  | 156    | 156    |  |  |
| RI                   | Providence           | 0                            | 0             | 276           | 275                  | 275                  | 0                    | 0                    | 18           | 18                           | 3,609         | 3,607                | 3,607                | 18     | 18     |  |  |
| MA                   | Hampden              | 0                            | 0             | 0             | 0                    | 0                    | 0                    | 0                    | 0            | 0                            | 0             | 0                    | 0                    | 13     | 13     |  |  |
| MA                   | Worcester            | 0                            | 0             | 0             | 0                    | 0                    | 705                  | 705                  | 0            | 0                            | 0             | 0                    | 0                    | 4,369  | 4,369  |  |  |
| MA                   | Middlesex            | 0                            | 0             | 0             | 0                    | 0                    | 164                  | 164                  | 0            | 0                            | 0             | 0                    | 0                    | 843    | 843    |  |  |
| MA                   | Bristol              | 58                           | 58            | 79            | 79                   | 79                   | 79                   | 79                   | 1,134        | 1,134                        | 1,383         | 1,402                | 1,402                | 1,402  | 1,402  |  |  |
| MA                   | Norfolk              | 235                          | 235           | 233           | 240                  | 240                  | 240                  | 240                  | 1,719        | 1,719                        | 1,707         | 1,765                | 1,765                | 1,765  | 1,765  |  |  |
| MA                   | Suffolk              | 2                            | 2             | 2             | 2                    | 2                    | 2                    | 2                    | 11           | 11                           | 11            | 19                   | 19                   | 19     | 19     |  |  |
| DC                   | Total                | 2                            | 2             | 2             | 2                    | 2                    | 2                    | 2                    | 69           | 69                           | 69            | 73                   | 73                   | 73     | 73     |  |  |
| MD                   | Total                | 2,221                        | 2,221         | 3,224         | 3,656                | 3,656                | 3,656                | 3,656                | 6,544        | 6,544                        | 8,069         | 9,533                | 9,533                | 9,533  | 9,533  |  |  |
| DE                   | Total                | 185                          | 185           | 196           | 206                  | 206                  | 206                  | 206                  | 819          | 819                          | 992           | 994                  | 994                  | 994    | 994    |  |  |
| PA                   | Total                | 114                          | 114           | 100           | 116                  | 116                  | 116                  | 116                  | 465          | 465                          | 448           | 477                  | 477                  | 477    | 477    |  |  |
| NJ                   | Total                | 839                          | 839           | 849           | 892                  | 892                  | 892                  | 892                  | 1,771        | 1,771                        | 1,804         | 1,863                | 1,863                | 1,863  | 1,863  |  |  |
| NY                   | Total                | 4                            | 4             | 5             | 772                  | 411                  | 411                  | 772                  | 28           | 28                           | 37            | 3,926                | 841                  | 841    | 3,926  |  |  |
| CT                   | Total                | 979                          | 1,507         | 2,589         | 3,131                | 2,604                | 1,881                | 2,408                | 5,408        | 8,859                        | 15,672        | 20,194               | 16,331               | 12,252 | 16,115 |  |  |
| RI                   | Total                | 1,082                        | 1,280         | 1,358         | 1,357                | 1,357                | 1,082                | 1,082                | 4,959        | 6,375                        | 8,551         | 8,549                | 8,549                | 4,959  | 4,959  |  |  |
| MA                   | Total                | 295                          | 295           | 314           | 322                  | 322                  | 1,191                | 1,191                | 2,863        | 2,863                        | 3,101         | 3,185                | 3,185                | 8,411  | 8,411  |  |  |
| Grand Total          |                      | 5,721                        | 6,446         | 8,636         | 10,452               | 9,564                | 9,435                | 10,323               | 22,928       | 27,794                       | 38,741        | 48,795               | 41,847               | 39,404 | 46,351 |  |  |

| Geography |                      | Station ID | Station Type | Prime Farmland<br>Stations (Acres) |               |                      |                      |                      |                      | Prime Timberland<br>Stations (Acres) |               |                      |                      |                      |                      |
|-----------|----------------------|------------|--------------|------------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|--------------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|
| State     | County               |            |              | Alternative 1                      | Alternative 2 | Alternative 3        |                      |                      |                      | Alternative 1                        | Alternative 2 | Alternative 3        |                      |                      |                      |
|           |                      |            |              |                                    |               | via CC and PVD (3.1) | via LI and PVD (3.2) | via LI and WOR (3.3) | via CC and WOR (3.4) |                                      |               | via CC and PVD (3.1) | via LI and PVD (3.2) | via LI and WOR (3.3) | via CC and WOR (3.4) |
| DC        | District of Columbia | 1          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Prince George's      | 2          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Prince George's      | 3          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Prince George's      | 4          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Anne Arundel         | 5          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | X                                    | X             | X                    | X                    | X                    | X                    |
| MD        | Anne Arundel         | 6          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Anne Arundel         | 6          | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 21                   | 21                   | 21                   | 21                   |
| MD        | Baltimore County     | 7          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore County     | 15         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore City       | 8          | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore City       | 9          | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore City       | 10         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore City       | 11         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore City       | 12         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore City       | 13         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Baltimore City       | 14         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Harford              | 16         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Harford              | 17         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Cecil                | 22         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MD        | Cecil                | 23         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| DE        | New Castle           | 24         | Existing     | X                                  | X             | X                    | X                    | X                    | X                    | X                                    | X             | X                    | X                    | X                    | X                    |
| DE        | New Castle           | 25         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| DE        | New Castle           | 26         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | *                                    | *             | *                    | *                    | *                    | *                    |
| DE        | New Castle           | 27         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| DE        | New Castle           | 28         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | *                                    | *             | *                    | *                    | *                    | *                    |
| DE        | New Castle           | 29         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 30         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 31         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 32         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 33         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 34         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 35         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 36         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 37         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 38         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 39         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 40         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 41         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 42         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Delaware             | 43         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 44         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 45         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 46         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 47         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 48         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 49         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 50         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 51         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Philadelphia         | 52         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Bucks                | 53         | Existing     | X                                  | X             | X                    | X                    | X                    | X                    | X                                    | X             | X                    | X                    | X                    | X                    |
| PA        | Bucks                | 54         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Bucks                | 55         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Bucks                | 56         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| PA        | Bucks                | 57         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Mercer               | 58         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Mercer               | 60         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Mercer               | 61         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | X                                    | X             | X                    | X                    | X                    | X                    |
| NJ        | Middlesex            | 62         | New          | *                                  | *             | *                    | *                    | *                    | *                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Middlesex            | 63         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Middlesex            | 64         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Middlesex            | 65         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Middlesex            | 66         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |

| Geography |             | Station ID | Station Type | Prime Farmland<br>Stations (Acres) |               |                      |                      |                      |                      | Prime Timberland<br>Stations (Acres) |               |                      |                      |                      |                      |
|-----------|-------------|------------|--------------|------------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|--------------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|
| State     | County      |            |              | Alternative 1                      | Alternative 2 | Alternative 3        |                      |                      |                      | Alternative 1                        | Alternative 2 | Alternative 3        |                      |                      |                      |
|           |             |            |              |                                    |               | via CC and PVD (3.1) | via LI and PVD (3.2) | via LI and WOR (3.3) | via CC and WOR (3.4) |                                      |               | via CC and PVD (3.1) | via LI and PVD (3.2) | via LI and WOR (3.3) | via CC and WOR (3.4) |
| NJ        | Middlesex   | 67         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Middlesex   | 68         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Union       | 69         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Union       | 70         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Union       | 71         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Union       | 72         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Essex       | 73         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Essex       | 74         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Essex       | 75         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NJ        | Hudson      | 76         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | New York    | 77         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | New York    | 9993       | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Queens      | 144        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Queens      | 145        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Bronx       | 78         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Bronx       | 79         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Bronx       | 80         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Bronx       | 81         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 82         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 83         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 84         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 85         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 86         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 87         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 88         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Westchester | 151        | New          | 0                                  | 0             | 2                    | 0                    | 0                    | 2                    | 0                                    | 0             | 4                    | 0                    | 0                    | 4                    |
| NY        | Putnam      | 153        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Nassau      | 146        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Suffolk     | 148        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| NY        | Suffolk     | 149        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 89         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 90         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 91         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 92         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 93         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 94         | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 95         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 96         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 97         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 98         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 99         | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 100        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 101        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 102        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 103        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 104        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 105        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 107        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 108        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Fairfield   | 154        | New          | 0                                  | 0             | 3                    | 0                    | 0                    | 3                    | 0                                    | 0             | 26                   | 0                    | 0                    | 26                   |
| CT        | New Haven   | 109        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 110        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 111        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 112        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 113        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 156        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 114        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 115        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 116        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | New Haven   | 155        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 5                    | 0                    | 0                    | 5                    |
| CT        | Middlesex   | 117        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT        | Middlesex   | 118        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |

| Geography   |            | Station ID | Station Type | Prime Farmland<br>Stations (Acres) |               |                      |                      |                      |                      | Prime Timberland<br>Stations (Acres) |               |                      |                      |                      |                      |
|-------------|------------|------------|--------------|------------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|--------------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|
| State       | County     |            |              | Alternative 1                      | Alternative 2 | Alternative 3        |                      |                      |                      | Alternative 1                        | Alternative 2 | Alternative 3        |                      |                      |                      |
|             |            |            |              |                                    |               | via CC and PVD (3.1) | via LI and PVD (3.2) | via LI and WOR (3.3) | via CC and WOR (3.4) |                                      |               | via CC and PVD (3.1) | via LI and PVD (3.2) | via LI and WOR (3.3) | via CC and WOR (3.4) |
| CT          | Middlesex  | 119        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | Middlesex  | 120        | New          | 6                                  | 0             | 0                    | 0                    | 0                    | 0                    | 7                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | New London | 121        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | New London | 124        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 10                                   | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | New London | 122        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | Hartford   | 160        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | Hartford   | 160        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | Hartford   | 161        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 3             | 0                    | 0                    | 0                    | 0                    |
| CT          | Hartford   | 164        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| CT          | Tolland    | 165        | New          | 0                                  | 19            | 19                   | 19                   | 0                    | 0                    | 0                                    | 29            | 29                   | 29                   | 0                    | 0                    |
| CT          | Tolland    | 166        | New          | 0                                  | 0             | 0                    | 0                    | 4                    | 4                    | 0                                    | 0             | 0                    | 0                    | 13                   | 13                   |
| RI          | Washington | 123        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| RI          | Washington | 125        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| RI          | Washington | 126        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| RI          | Kent       | 127        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| RI          | Providence | 128        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| RI          | Providence | 129        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| RI          | Providence | 130        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Bristol    | 131        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Bristol    | 132        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Bristol    | 133        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Worcester  | 172        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Worcester  | 173        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Worcester  | 174        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 17                   | 17                   |
| MA          | Worcester  | 175        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | *                    | *                    |
| MA          | Middlesex  | 176        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 3                    | 3                    |
| MA          | Middlesex  | 178        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 1                    | 1                    |
| MA          | Middlesex  | 181        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | *                    | *                    |
| MA          | Suffolk    | 182        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Norfolk    | 134        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Norfolk    | 135        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Norfolk    | 136        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Suffolk    | 137        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Suffolk    | 138        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Suffolk    | 139        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Suffolk    | 140        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Suffolk    | 141        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Suffolk    | 142        | New          | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| MA          | Suffolk    | 143        | Existing     | 0                                  | 0             | 0                    | 0                    | 0                    | 0                    | 0                                    | 0             | 0                    | 0                    | 0                    | 0                    |
| Grand Total |            |            |              | 6                                  | 19            | 25                   | 19                   | 4                    | 9                    | 17                                   | 32            | 84                   | 50                   | 55                   | 89                   |

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## Planning Documents

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| Farmland Plan Summary |   |  |  |  |
|-----------------------|---|--|--|--|
| Geography             |   |  | Title  | Farmland Related Notations   |
| State                 | County  | MPO*   |  |  |
| DC                    | DC: District of Columbia<br>MD: Charles, Frederick, Montgomery, Prince George's | Metropolitan Washington Council of Governments                             | Region Forward, A Comprehensive Guide for Regional Planning and Measuring Progress in the 21st Century (2010)  | We seek enhancement of.....farmland and environmental resource land in rural areas.  |
| MD                    | n/a   | n/a  | Plan Maryland: A Sustainable Growth Plan for the 21st Century (Maryland Department of Planning: Plan Maryland, 2011)   | Goal 2 – Preserve and protect environmentally sensitive and rural lands and resources from the impacts of development.<br>.....<br>- Support resource-based industries – Protect, support and enhance resource-based industries such as agriculture, forestry, mining, outdoor recreation and tourism, seafood harvesting, renewable energy and other emerging industries from encroachment of incompatible land uses. Minimize the intrusion of rural residential development on resource lands. Promote the economic viability of resource-based businesses and the preservation of relatively large contiguous tracts that sustain resources and resource-based industries. |
| DE                    | n/a   | n/a  | Delaware Strategies for State Policies and Spending (Delaware Office of State Planning Coordination, 2010)   | Investment Level 4 Strategies:<br>In Investment Level 4 Areas, the state's investments and policies should retain the rural landscape and preserve open spaces and farmlands, support farmland-related industries, and establish defined edges to more concentrated development.   |
| DE                    | Dover and Kent  | Dover/Kent County Metropolitan Planning Organization                       | Metropolitan Transportation Plan 2040 Update (2013)  | Foster growth and development by providing a variety of safe, convenient, and affordable transportation alternatives that support preservation of agricultural lands, open space, and other valued community resources.  |
| PA                    | Lancaster   | Lancaster County Transportation Coordinating Committee Planning Commission | Connections 2040, The Transportation Element (Connections 2040 adopted as the LRTP 2012)   | 3. Ensure that transportation programs in Rural Areas support rural land uses and their mobility and safety needs.<br><br>Ensure that transportation investments address protection of the County's agricultural, natural, historic, and cultural resources and environmental quality.   |
| PA                    | Lebanon   | Lebanon County Metropolitan Planning Organization                          | Lebanon County Comprehensive Plan (2007)   | 2. Plan for economic growth and development that expands employment, sustains businesses and provides family-sustaining jobs.<br>d. Implement multifaceted strategies to enhance the agricultural and forestry industries through land protection, workforce training, and sustainable production and harvesting practices.<br><br>3. Protect the natural and cultural landscape that defines our local identity as Lebanon County.<br>a. Acknowledge, enhance and protect the open space, farmland, scenic views, historic resources and critical environmental areas that are important to the county. Facilitate acquisition or preservation of key sites.                  |
| PA                    | Lehigh and Northampton  | Lehigh Valley Planning Commission  | Comprehensive Plan, The Lehigh Valley 2030   | To provide a regional framework for protecting natural and agricultural resources, guiding the location and intensity of development, and matching land development with appropriate infrastructure<br><br>Farmland Goals<br>- To preserve approximately 25% of the land in Lehigh and Northampton counties for agriculture.   |
| PA                    | Berks   | Reading Area Transportation Study MPO                                      | DRAFT Reading Area Transportation Study Long Range Transportation Plan (June 2014) (The DRAFT LRTP is Chapter 5 of the County Comprehensive Plan, and references goals related to Chapter 4 - Community Facilities. Chapter 3 is the Land Use Plan.) | Chapter 3 - Land Use Plan:<br>- To preserve the agricultural land base, while promoting the agribusiness system and its long-term viability.   |
| NJ                    | NONE  |  |  |  |
| NY                    | NONE  |  |  |  |
| CT                    | n/a   | n/a  | Conservation and Development Policies Plan for Connecticut: 2005-2010 (Connecticut Office of Policy and Management Intergovernmental Policy Division, 2005)  | Conserve and Restore the Natural Environment, Cultural and Historical Resources, and Traditional Rural Lands   |

| Farmland Plan Summary |   |  |  |   |
|-----------------------|---|--|--|---|
| Geography             |   |  | Title  | Farmland Related Notations  |
| State                 | County  | MPO*   |  |   |
| CT                    | Beacon Falls, Bethlehem, Cheshire, Middlebury, Naugatuck, Oxford, Prospect, Southbury, Thomaston, Waterbury, Watertown, Wolcott, and Woodbury   | Council of Governments of the Central Naugatuck Valley | Central Naugatuck Valley Regional Plan of Conservation & Development (2008)                                    | <p>2. Discourage large-scale residential, commercial, and industrial development in rural development areas.</p> <p>Recognize farmland as an important natural resource worthy of conserving for farming activity as well as its present aesthetic and economic benefits to the community.</p> <ol style="list-style-type: none"> <li>1. Work with groups involved in preserving agricultural soils and farming as a viable land use in the region or to meet open space targets.</li> <li>2. Encourage the incorporation of agriculture in local plans of conservation and development, including inventories of farm businesses and farmland.</li> <li>3. Help develop specific tax, zoning, and land use strategies to address farm retention and reduce impediments to farming activities.</li> </ol> |
| CT                    | Bridgeport, Easton, Fairfield, Monroe, Stratford and Trumbull   | Greater Bridgeport Regional Council                    | Regional Transportation Plan for the Greater Bridgeport Planning Region: 2011-2040 (2011)                      | <p>Support existing communities: Target Federal funding toward existing communities— through strategies like transit oriented, mixed-use development, and land recycling— to increase community revitalization and the efficiency of public works investments and safeguard rural landscapes.</p> <p>Value communities and neighborhoods: Enhance the unique characteristics of all communities by investing in healthy, safe, and walk able neighborhoods—rural, urban, or suburban.</p>   |
| CT                    | Bristol, New Britain, Berlin, Burlington, Plainville, Plymouth, and Southington   | Central Connecticut Regional Planning Agency           | PLAN of Conservation and Development for the Central Connecticut region, 2013-2023                             | <ol style="list-style-type: none"> <li>11. Enhance the unique characteristics of all communities by investing in healthy, safe, and walkable neighborhoods – rural, urban, or suburban.</li> <li>4. Conserve and restore the natural environment, cultural and historical resources, and traditional rural lands.</li> </ol>  |
| CT                    | Hartford, Andover, Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Ellington, Enfield, Farmington, Glastonbury, Granby, Hebron, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, Somers, South Windsor, Stafford, Suffield, tolland, Wernon, West Hartford, Wethersfield, Windsor, Windsor Locks | Capitol Region Council of Governments                  | Achieving the Balance: A Plan of Conservation and Development for the Capitol Region (2009)                    | <ol style="list-style-type: none"> <li>3. Encourage scientific management of forest lands and wildlife populations.</li> </ol>  |
| CT                    | Canaan, Cornwall, Goshen, Kent, North Canaan, Norfolk, Salisbury and Sharon   | Northwestern Connecticut Council of Governments        | Northwestern CT Council of Governments Plan of Conservation and Development (2009)                             | <p>Support local efforts to preserve open space and agricultural land.</p> <p>Natural Resources</p> <ul style="list-style-type: none"> <li>- Continue to support the preservation of the Region's open space and active agriculture.</li> <li>- Support the continued use of open space lands for agriculture.</li> </ul>   |
| CT                    | Bethany, Branford, East Haven, Guilford, Hamden, Madison, Meriden, Milford, New Haven, North Branford, North Haven, Orange, Wallingford, West Haven, and Woodbridge   | South Central Regional Council of Governments (SCRCOG) | Plan of Conservation and Development; South Central Region (2009)  | <p>Goal: Reinforce existing land use policies that focus development in the region's existing developed corridors that have transportation, employment and utility infrastructure while conserving the region's land areas that are integral for maintaining the region's agricultural heritage, drinking water supply, and unique natural resources including lands adjacent to Long Island Sound.</p>   |
| CT                    | Ansonia, Dery, Seymour, Shelton   | Valley Council of Governments                          | Valley Council of Governments Strategic Plan of Conservation & Development: FOR THE ALL-AMERICAN VALLEY (2008) | <p>Promote Historic &amp; Agricultural Preservation: Help communities identify and protect historic resources.</p>  |
| RI                    | n/a   | n/a  | Land Use 2025: Rhode Island State Land Use Plans and Policies, 2005  | <ul style="list-style-type: none"> <li>• Protect rural character</li> </ul>   |
| MA                    | Barnstable  | Cape Cod Commission                                    | Cape Cod Regional Policy Plan (2012)   | <p>Rural lands: to preserve and enhance rural land uses, including agriculture, that are environmentally compatible with the Cape's natural resources in order to maintain opportunities to enjoy the traditional occupations, economic diversity, and scenic resources associated with rural lands, and to support activities that achieve greater food independence for Cape Cod.</p>   |

| Farmland Plan Summary |   |   |  |  |
|-----------------------|---|---|--|--|
| Geography             |   |   | Title  | Farmland Related Notations   |
| State                 | County  | MPO*  |  |  |
| MA                    | Barnstable  | Cape Cod Commission   | Cape Cod 2012 Regional Transportation Plan, 2012-2035 (2013)   | - Design an environmentally friendly transportation system that protects and enhances the natural environment, including the protection of habitat, water quality, and agricultural and forest land, while minimizing invasive species and reducing greenhouse gas emissions.  |
| MA                    | Franklin  | Franklin Regional Council of Governments  | Sustainable Franklin County; Franklin County's Regional Plan for Sustainable Development (June, 2013)        | Protect natural resources, including farmland and drinking supplies;   |
| MA                    | Essex   | Merrimack Valley Planning Commission  | Merrimack Valley Priority Growth Strategy; The Regional Land Use Plan for the Merrimack Valley Region (2009) | 7) Preserve open space, farmland, natural beauty, and critical environmental areas<br>- Protecting the environment – by keeping our air, water, and soils clean, conserving valuable farmland, preserving critical wetlands, floodplains, and barrier beaches - also safeguards our own health and can shield us from severe weather and natural disasters<br><br>Agriculture preservation restriction within the county |
| MA                    | Worcester, Middlesex                                  | Montachusett Regional Planning Commission   | Montachusett Regional Strategic Framework Plan   | Objective 3: To preserve and enhance rural land uses, including agriculture, that are environmentally compatible with the Region's natural resources in order to maintain opportunities to enjoy the traditional occupations, economic diversity, and scenic resources associated with our Region's rural lands, and to support activities that achieve greater food independence for the Montachusett Region.           |
| MA                    | Bristol   | Southeastern Regional Planning and Economic Development District  | GROWING THE ECONOMY OF SOUTHEASTERN MASSACHUSETTS Comprehensive Economic Development Strategy (CED)          | 2. Support and promote agriculture   |
| MA                    | Bristol   | Southeastern Regional Planning and Economic Development District  | Report of the Futures Task Force   | Create a regional system to enable the transfer of development rights across municipal boundaries to focus development in areas with infrastructure while preserving green space and farmland.<br><br>Use the concept of carrying capacity to project future land use needs for water and agricultural land.   |
| MA                    | Middlesex   | Northern Middlesex Council of Governments   | Northern Middlesex Regional Transportation Plan 2012-2035  | Future transportation improvements should be designed and constructed in a way that minimizes the disruption of existing neighborhoods, and preserves prime farmland, natural resources and open spaces.   |
| MA                    | Hampden, Hampshire                                    | Pioneer Valley Planning Commission  | Valley Vision 4: The Regional Land Use Plan for the Pioneer Valley (2014)                                    | Farmland Preservation<br>- Goal: Working farms and important agricultural lands are preserved and sustained.   |
| MA                    | Hampden, Hampshire                                    | Pioneer Valley Planning Commission  | Out Next Future: An Action Plan for Building a Smart, Sustainable and Resilient Pioneer Valley (2013)        | Preserve Farmlands with Transfer of Development Rights Zoning  |
| MA                    | Bristol, Plymouth, Suffolk, Norfolk, Middlesex, Essex | 1.) Southeastern Regional Planning and Economic Development District, 2.) the Old Colony Planning Council, and 3.) the Metropolitan Area Planning Council | Southeastern Massachusetts Vision 2020: An Agenda for the Future   | Create new programs and expand existing initiatives to purchase the development rights of open space and agricultural lands  |
| MA                    | Bristol   | Southeastern Regional Planning and Economic Development District  | SRPEDD Community Priority Area 5-Year Update   | community Priority Development Areas of Regional Significance (Regional PDAs) are areas having additional development or redevelopment potential for housing opportunities and economic growth that meet regional needs due to either their size, location, or other attributes that would help to achieve regional and state goals.   |
| MA                    | Bristol, Plymouth, Suffolk, Norfolk, Middlesex, Essex | 1.) Southeastern Regional Planning and Economic Development District, 2.) the Old Colony Planning Council, and 3.) the Metropolitan Area Planning Council | South Coast Rail Corridor Plan Update.   | community Priority Development Areas of Regional Significance (Regional PDAs) are areas having additional development or redevelopment potential for housing opportunities and economic growth that meet regional needs due to either their size, location, or other attributes that would help to achieve regional and state goals.   |

| Timberland Plan Summary |   | Geography   |  | Title  | Timberland Related Notations  |
|-------------------------|---|---|--|--|---|
| State                   | County  | MPO*  |  |  |   |
| DC                      | NONE  |   |  |  |   |
| MD                      | n/a   | n/a   |  | Plan Maryland: A Sustainable Growth Plan for the 21st Century (Maryland Department of Planning: Plan Maryland, 2011) | Goal 2 – Preserve and protect environmentally sensitive and rural lands and resources from the impacts of development.- Support resource-based industries – Protect, support and enhance resource-based industries such as agriculture, forestry, mining, outdoor recreation and tourism, seafood harvesting, renewable energy and other emerging industries from encroachment of incompatible land uses. Minimize the intrusion of rural residential development on resource lands. Promote the economic viability of resource-based businesses and the preservation of relatively large contiguous tracts that sustain resources and resource-based industries. |
| DE                      | NONE  |   |  |  |   |
| PA                      | Lebanon   | Lebanon County Metropolitan Planning Organization |  | Lebanon County Comprehensive Plan (2007)   | 2. Plan for economic growth and development that expands employment, sustains businesses and provides family-sustaining jobs.<br>d. Implement multifaceted strategies to enhance the agricultural and forestry industries through land protection, workforce training, and sustainable production and harvesting practices.<br>3. Protect the natural and cultural landscape that defines our local identity as Lebanon County.<br>c. Enhance this green infrastructure by conserving and managing vegetation in greenways and woodlots; by establishing street trees in developments; and by restoring vegetation along stream banks.                            |
| PA                      | Lehigh and Northampton  | Lehigh Valley Planning Commission                 |  | Comprehensive Plan, The Lehigh Valley 2030   | Natural Resources Goals<br>- To protect and manage the region's woodland resources.   |
| NJ                      | NONE  |   |  |  |   |
| NY                      | NONE  |   |  |  |   |
| CT                      | Hartford, Andover, Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Ellington, Enfield, Farmington, Glastonbury, Granby, Hebron, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, Somers, South Windsor, Stafford, Suffield, Tolland, Wernon, West Hartford, Wethersfield, Windsor, Windsor Locks | Capitol Region Council of Governments             |  | Achieving the Balance: A Plan of Conservation and Development for the Capitol Region (2009)                          | C. Promote Active Stewardship of Natural Resources<br>3. Encourage scientific management of forest lands and wildlife populations.  |
| RI                      | NONE  |   |  |  |   |
| MA                      | Barnstable  | Cape Cod Commission                               |  | Cape Cod 2012 Regional Transportation Plan, 2012-2035 (2013)   | - Design an environmentally friendly transportation system that protects and enhances the natural environment, including the protection of habitat, water quality, and agricultural and forest land, while minimizing invasive species and reducing greenhouse gas emissions.   |