PATTERNED FEN ECOSYSTEM ELEMENT OCCURRENCE RANKING FORM

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| **Site Name:** |  | **Survey Area:** |  |
| **Quad name:** |  | **Quad code:** |  |
| **County:** |  | **Town:** |  |

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| **Surveyors:** | Occurrence Number: |
| **EO Type:** [ ]  New EO [ ]  Update to Existing EO [ ]  Not EO Quality | Date: |
| **Peatland Type:** [ ]  Patterned Fen (Ribbed Fen, D&A type 5) [ ]  Other peatland associated with patterned fen | Sourcecode: |
| Notes: |

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| **MAPPING** |
| **Mapped Polygon:** [ ]  **New** EO; new polygon [ ]  Existing EO; polygon **OK as is**  [ ]  Existing EO; polygon **improved**  |
| **Locational Uncertainty**: [ ]  Areal delimited [ ]  Mapped to within 12.5 m of actual location [ ]  Greater uncertainty \_\_\_\_\_\_\_\_ m / ft / km / miles |
| **Confidence Extent**: [ ]  Confident full extent of feature **IS** known [ ]  Confident full extent is **NOT** known [ ]  **Uncertain** if full extent is known |

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| **GENERAL DESCRIPTION** |
| **Distinctness of the Patterning:** Comments**:**  | Rate the Distinctness of the Patterning[ ]  1 = Excellent; striking patterning with well-developed or anastomosing features [ ]  2 = Fair to good[ ]  3 = Poor, patterning not distinct |
| **Characteristics of Patterning:** (check all that apply)[ ]  Well-defined ribbing; strings rise at least 40 cm above bottoms of flarks  or the standing water in the flarks[ ]  Some strings and flarks greater than 100 meters long[ ]  Evidence of pattern formation or deterioration | Rate the Characteristics of Patterning:[ ]  1 = Two or more characteristics checked; Excellent[ ]  2 = One characteristic checked; Fair to Good[ ]  3 = No characteristics checked; Poor |
| Comments:  |
| **Extent of Ribbed Area:**Ribbed acreage: Total peatland acreage**:**  | Rate the Extent of Ribbed Area:[ ]  1 = >35 acres [ ]  2 = 15-35 acres [ ]  3 = <15 acres |
| Comments: |
| **Diversity of Vegetation Types:** (Use 2018 MNAP Landscapes of Maine)List Vegetation Types: | Rate the Diversity of Vegetation Types: [ ]  1 = 8 or more types[ ]  2 = 4-7 types[ ]  3 = 1-3 types |
| Comments: |  |
| **Other Characteristics:** (Check all that apply)[ ]  at edge of range for ribbed fens (South of latitude 45º 45’)[ ]  unusually high species richness (50+ vascular species OR 80+ vascular + bryophyte species)[ ]  part of a multiple-unit peatland of at least 200 acres | Rate Other Characteristics:[ ]  1 = Two or more other characteristics; Excellent[ ]  2 = One other characteristic; Fair to Good[ ]  3 = No other characteristic; Poor |
| Comments: |  |

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| **LANDOWNER INFORMATION** |
| Landowner name/address for entire ecosystem (attach additional owner information on a separate sheet): | Phone: | Comments:  |
| Tax map #: |
| Lot #: |

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| **ECOSYSTEM RANK** |
| 1. **QUALITY** based on the ratings for the above general description criteria.

**Quality Rank:**[ ]  **A –**  At least one 1 (and no 3’s) in the distinctness and characteristics of patterning criteria **AND** all 1’s or 2’s in all other criteria (extent, diversity, and other)[ ]  **B –** Two 2’s in the distinctness and characteristics of patterning criteria **AND** ‘1’s or 2’s in all other criteria (extent, diversity, and other) **OR** at least one 1 in distinctness and characteristics of patterning **AND** at least one 3 in all other criteria (extent, diversity, and other) (*fails the criteria for the AND portion for the A rank*)[ ]  **C –**  Two 2’s in the distinctness and characteristics of patterning criteria **OR** at least one 1 or two 2’s in all other criteria (extent, diversity, and other)[ ]  **D. –**  All criteria rated at 3’s**Rank Comments**:  |
| 1. **CURRENT CONDITION** of area **within** the ecosystem.

**Condition Rank:**[ ]  **A** – No apparent signs of human disturbance (or long enough ago that effects are no longer visible or are extremely minor); community well-developed[ ]  **B** – Some signs of human disturbance or degradation, but peatland generally intact[ ]  **C** – Signs of human disturbance or degradation, and peatland compromised in some significant way[ ]  **D** – Highly disturbed (multiple impacts causing peatland to be drastically altered)**Rank Comments**:  |
| 1. **SIZE** of the ecosystem.

What is the approximate size of the peatland occurrence? \_\_ \_ [ ]  ac / [ ]  ha / [ ]  sq mi [ ]  Covers the natural extent of this ecosystem type [ ]  Has been truncated through adjacent land use**Size Rank** [ ]  **A** – Excellent [ ]  **B** – Good [ ]  **C** – Fair [ ]  **D** – Poor  **Rank Comments**:  |
| 1. **LANDSCAPE CONTEXT** of area **surrounding** the ecosystem.

**Landscape Context Rank**[ ]  **A** – Peatland surrounded by > = 1000 acres of undisturbed landscape[ ]  **B** – Peatland surrounded by fairly intact landscape, though there may be cuts nearby[ ]  **C** – Peatland surrounded by fragmented forest or rural landscape[ ]  **D** – Surrounding area developed **Rank Comments**:  |
|  **MNAP overall peatland rank**: **[ ]  A** – Excellent [ ]  **B** – Good [ ]  **C** – Fair [ ]  **D** – Poor **Rank Date:** **Describe rationale** (EO rank specs in MNAP element files; general EO rank specs for forests, etc.): |