

EPA Official Record

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From: "Ladd, Ruth M NAE" <Ruth.M.Ladd@usace.army.mil>

To: Mike Marsh/R1/USEPA/US@EPA; "Sneeringer, Paul J NAE" <Paul.J.Sneeringer@usace.army.mil>

Copy To: Ann Williams/R1/USEPA/US@EPA; Cynthia Catri/R1/USEPA/US@EPA; Jackie Leclair/R1/USEPA/US@EPA; "Adams, Karen K NAE" <Karen.K.Adams@usace.army.mil>; "Minkin, Paul NAE" <Paul.Minkin@usace.army.mil>; Michael Stover/R1/USEPA/US@EPA

Delivered Date: 08/30/2012 01:13 PM EST

Subject: RE: Use of Culturally Significant Plant Species such as Cattails and Bulrush in Wetland Mitigation (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Note that cattail would likely colonize the site on its own so it seems an unnecessary expense to plant it - if it is determined to be appropriate to include in this case.

-----Original Message-----

From: Mike Marsh [mailto:marsh.mike@epamail.epa.gov]

Sent: Thursday, August 30, 2012 1:10 PM

To: Sneeringer, Paul J NAE

Cc: Ann Williams; Cynthia Catri; Jackie Leclair; Adams, Karen K NAE; Minkin, Paul NAE; Ladd, Ruth M NAE; Michael Stover

Subject: Re: Use of Culturally Significant Plant Species such as Cattails and Bulrush in Wetland Mitigation (UNCLASSIFIED)

Paul - Narrow leaf cattail, or *Typha augustifolia*, is also on the Corps list of Invasive and Other Unacceptable Plant Species for use in mitigation sites. Both broad leaf and narrow leaf cattail, as well as the hybrid *Typha X glauca*, are inappropriate for mitigation planting because they are aggressive colonizers that will tend to dominate and preclude the establishment of other, desirable native species.

Numerous species are often referred to as bulrush. I assumed, given the history of its use by Native Americans, that the tribe was referring to *Typha*. I would suggest that either Gary Davis, who raised the issue, or Mike Stover, contact the tribe directly for clarification of the exact species they are suggesting for use as mitigation plantings.

Mike

Michael Marsh

Office of Ecosystem Protection
U.S. Environmental Protection Agency - New England
5 Post Office Square
Suite 100 (OEP05-2)
Boston, MA 02109-3912

Tel: 617.918.1556
Fax: 617.918.0556
email: marsh.mike@epa.gov

-----"Sneeringer, Paul J NAE" <Paul.J.Sneeringer@usace.army.mil> wrote: -----
To: "Minkin, Paul NAE" <Paul.Minkin@usace.army.mil>, "Ladd, Ruth M NAE"
<Ruth.M.Ladd@usace.army.mil>
From: "Sneeringer, Paul J NAE" <Paul.J.Sneeringer@usace.army.mil>
Date: 08/30/2012 12:07PM
Cc: Ann Williams/R1/USEPA/US@EPA, Mike Marsh/R1/USEPA/US@EPA, Jackie
Leclair/R1/USEPA/US@EPA, Cynthia Catri/R1/USEPA/US@EPA, "Adams, Karen K NAE"
<Karen.K.Adams@usace.army.mil>
Subject: Use of Culturally Significant Plant Species such as Cattails and
Bulrush in Wetland Mitigation (UNCLASSIFIED)

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Paul and Ruth:

During their review of the South Terminal Project in New Bedford, Massachusetts, the Wampanoag (Aquinnah) Tribal Historic Preservation Officer ("THPO") has requested that the EPA - South Terminal team consider incorporating cattail and bulrush (culturally significant plant species for the tribe) into the design for wetland mitigation areas. I have a couple of quick questions for you:

1.) I realize that common cattail is viewed by the Corps as an invasive species that we don't want to see planted in mitigation sites. Are their native cattail species (i.e., narrow leaf cattail) that are appropriate to plant in mitigation sites? Please let me know what you think.

2.) Do you have any recommendations on what species of plants are commonly referred to as bulrush? Please provide scientific names for these species, so that we can identify the bulrushes that the Wampanoag (Aquinnah) are considered about. In addition, please identify which of these species are appropriate for use in planting plans for mitigation sites.

Feel free to contact me if you have any questions about this e-mail. Thanks for your review.

Paul Sneeringer
(978) 505-9216 (cell)
(978) 318-8491 (W)

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