

Hi Ann,

We had Beals & Thomas re-calculate the area and it is still 0.04 acres, even after the re-design.

Thanks!

	Chet Myers Apex Companies, LLC 125 Broad Street, 5th Floor Boston, MA 02110 O) 617-728-0070 x113 M) 617-908-5778
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From: Williams.Ann@epamail.epa.gov [mailto:Williams.Ann@epamail.epa.gov]
Sent: Thursday, November 08, 2012 1:31 PM
To: Chet Myers
Cc: Christopher Morris; Catri.Cynthia@epamail.epa.gov; marsh.mike@epamail.epa.gov
Subject: RE: South terminal -- existing salt marsh

Hi Chet,

Great. Mike is in agreement too.

In the decision document I'm also stating the acreage of the existing salt marsh at the River's End Park mitigation site that will be temporarily affected. The mitigation plan says 0.04 acres of impact. Has that figure changed as a result of some of the design revisions?

It's not a problem if it's gone up a bit, I just want to be accurate.

Thanks,

Ann

From: Chet Myers <cmyers@apexcos.com>
To: Ann Williams/R1/USEPA/US@EPA
Cc: Christopher Morris <CMorris@apexcos.com>, Cynthia Catri/R1/USEPA/US@EPA, Mike Marsh/R1/USEPA/US@EPA
Date: 11/08/2012 12:52 PM
Subject: RE: South terminal -- existing salt marsh

Hi Ann,

Based on your guidance, yes, I think that 0.41 acres is the correct number to use, unless Mike objects.

Thanks!

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From: Williams.Ann@epamail.epa.gov [<mailto:Williams.Ann@epamail.epa.gov>]

Sent: Thursday, November 08, 2012 12:51 PM

To: Chet Myers

Cc: Christopher Morris; Catri.Cynthia@epamail.epa.gov; marsh.mike@epamail.epa.gov

Subject: RE: South terminal -- existing salt marsh

Hi Chet,

The purpose of my request was to get an accurate size of the salt marsh present at the site, not just the salt marsh being affected. So if I understand your information correctly, the total salt marsh present at the site (northern and southern areas combined) is now 0.41 acres. Of that, 0.11 acres will be filled. Do you agree? If so, this is the number I plan to use in the decision document and I think it's the number that should be reflected in the mitigation plan. If you think it's important, I can clarify that there are two separate areas close to one another, but I don't think the text needs to be that detailed. Thoughts?

Ann

From: Chet Myers <cmyers@apexcos.com>

To: Ann Williams/R1/USEPA/US@EPA

Cc: Cynthia Catri/R1/USEPA/US@EPA, Mike Marsh/R1/USEPA/US@EPA, Christopher Morris <CMorris@apexcos.com>

Date: 11/08/2012 12:00 PM

Subject: RE: South terminal -- existing salt marsh

Hi Ann,

We have taken a look at the two sets of information, and we have determined that they are consistent. Please refer to the attached plan.

In July of 2012, there were two distinct salt marsh areas. The one being impacted by the terminal (the northern area) and the one that was delineated to the south (closer to Gifford Street and the BMX parcel).

When conducting the site walk in September, EPA and USACE noted another area just to the north of the northern area, a small patch of salt marsh.

The areas of the salt marsh are as follows:

North of Northern Area: 0.02 acres

Northern Area: 0.28 acres

Southern Area: 0.111 acres

Please note that when Chris sent out his e-mail in July, EPA had not yet requested an expanded delineation (the North/northern area was not yet included). Therefore, the Northern area was 0.28 acres. However, once we got to September, the North/Northern area had been included, and the

full salt marsh to the north would be: $0.02 + 0.28 = 0.3$ acres (up from 0.28 due to the extra 0.02 acres added in September). Of which 0.11 acres are being impacted (up from 0.09 due to the extra 0.02 acres added in September).

The 0.111 acres to the south should be ignored, as it is a separate area.

Please call if you want to discuss further.

Thanks,



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From: Williams.Ann@epamail.epa.gov [<mailto:Williams.Ann@epamail.epa.gov>]

Sent: Tuesday, November 06, 2012 5:03 PM

To: Chet Myers

Cc: Catri.Cynthia@epamail.epa.gov; marsh.mike@epamail.epa.gov; Christopher Morris

Subject: South terminal -- existing salt marsh

Hi Chet,

Thank you for the revisions to the mitigation plan which Chris delivered yesterday. As we had requested, you added the size of the existing salt marsh at the project site. On page 28 it says that the size is 0.30 acres. However, in Chris's message below, it looks like the total should be 0.39 acres ($0.28 + 0.111 = 0.391$). That's the figure we've been using in our write-up. Please advise.

Thanks,

Ann

----- Forwarded by Ann Williams/R1/USEPA/US on 11/06/2012 04:44 PM -----

From: Christopher Morris <CMorris@apexcos.com>

To: Ann Williams/R1/USEPA/US@EPA

Date: 07/11/2012 01:30 PM

Subject: NBMCT Wetlands

Ann,

As per our conversation below is a breakdown of the wetlands areas as flagged and described on the reports and figures which I dropped off to you a few minutes ago.

DMF Property: Previously Estimated Acreage- 20,850 sq ft (.478 acres)
Revised Estimated Acreage- 3,397 sq ft (0.078 acres)
Flagged Acreage- 4,607 sq ft (0.106 acres)

Total Salt Marsh North: Previously Estimated Acreage- 0.95 acres
Flagged Acreage- 12,199 sq ft (0.28 acres)

Salt Marsh North Previously Estimated Acreage Inside Footprint- 0.18 acres
Flagged Acreage Inside Footprint- 3,927 sq ft (0.09 acres)

Salt Marsh North Previously Estimated Acreage Outside Footprint- 0.77 acres
Flagged Acreage Outside Footprint- 8,272 sq ft (0.19 acres)

Salt Marsh South Flagged Acreage- 4,838 sq ft (0.111 acres)

If you have any questions regarding the information please do not hesitate to call or email me.

Thanks

Chris

Christopher Morris, P.E.

Apex Companies, LLC

184 High Street, Suite 502

Boston, MA 02210

O) 617-728-0070 M) 617-840-0145

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[attachment "Figure 5 Mitigation Plan.pdf" deleted by Ann Williams/R1/USEPA/US]

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