

Gary Hamann

From: Grzywinski, Micheal <Micheal.Grzywinski@ct.gov>
Sent: Wednesday, September 13, 2017 10:33 AM
To: 'Walsh, Fraser'
Cc: Michelle.Muoio@bridgeportct.gov; Richard Barlow; Gary Hamann; Piraneo, Andrew; Falzano, Heather J; Brinsmade, Brian; Samorajczyk, Christopher W; Creem, Neil J; Coppola, Elona; Michelle.Muoio@bridgeportct.gov; McBride III, Willie C.; Clark, Colin
Subject: RE: 15-336 Stratford Army Engine Plant / Sikorsky Airport / Rt. 113
Importance: High

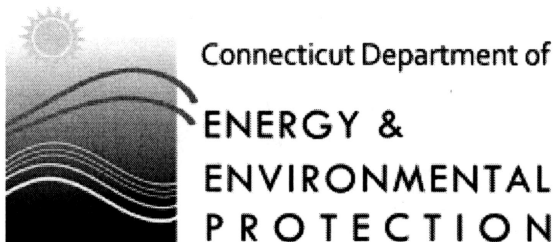
[External Email]

Good morning Fraser. Thanks for your email and my apologies for the delay in responding. Your email accurately captures the current issues and site history. Without further information including further information regarding the frequency of flooding events, extent of flooding on SAEP property, if the flooding corresponds to a full moon high tide, and analysis of modifying the top elevation of the Rte. 113 drainage ditch will partially solve the issue(s), it may be premature for me to provide regulatory guidance. Given the sensitive species in the area and other environmental factors, it is best to look at the "big picture" to see what can be done.

I would also note that COP #201201271-KZ expired on June 4, 2017 and a new Certificate of Permission application must be filed seeking approval for the previously authorized activity.

Micheal -

~~~~~  
Micheal P. Grzywinski  
Senior Environmental Analyst  
Land & Water Resources Division  
Regulatory Section - Southeast  
Bureau of Water Protection & Land Reuse  
Connecticut Department of Energy & Environmental Protection  
79 Elm Street, Hartford, CT 06106-5127  
P: 860.424.3674 | F: 860.424.4054 | E: [micheal.grzywinski@ct.gov](mailto:micheal.grzywinski@ct.gov)



---

[www.ct.gov/deep](http://www.ct.gov/deep)

*Conserving, improving and protecting our natural resources and environment;  
Ensuring a clean, affordable, reliable, and sustainable energy supply.*

**From:** Walsh, Fraser [mailto:fraser.walsh@aecom.com]

**Sent:** Monday, August 28, 2017 5:54 PM

**To:** Grzywinski, Micheal <Micheal.Grzywinski@ct.gov>

**Cc:** Michelle.Muoio@bridgeportct.gov; rbarlow@tikigaq.com; Gary Hamann (ghamann@tikigaq.com) <ghamann@tikigaq.com>; Piraneo, Andrew <Andrew.Piraneo@ct.gov>; Falzano, Heather J <Heather.Falzano@ct.gov>; Brinsmade, Brian <Brian.Brinsmade@ct.gov>; Samorajczyk, Christopher W <Christopher.Samorajczyk@ct.gov>; Creem, Neil J <Neil.Creem@ct.gov>; Coppola, Elona <Elona.Coppola@ct.gov>; Michelle.Muoio@bridgeportct.gov; McBride III, Willie C. <WillieC.McBrideIII@Bridgeportct.gov>

**Subject:** FW: 15-336 Stratford Army Engine Plant / Sikorsky Airport / Rt. 113

Mike,

Hope you had a great weekend!

Following up on the voicemail I left last week, we had a meeting on Wednesday (Aug 23) to discuss the concerns the SAEP has regarding additional tidal flushing occurring on their property. Summarizing our conversation, 2 concerns were raised:

1. The increased frequency of tidal flushing of the tidal ditch (on Bridgeport property) and portions of SAEP property (including RCRA regulated sludge lagoons, which are currently backfilled and past the 30yr threshold).
2. The amount of time it takes for tidal waters (or stormwaters) to recede

As you are aware, the City of Bridgeport received an Notice of Violation (NOV) in 2009 regarding the existing tide gate located in the berm at the end of the ditch used by the SAEP to discharge stormwater (see attached). The City of Bridgeport received a Certificate of Permission to address this NOV in 2012(see attached). The intent was to perform this work during the relocation of RTE 113. However, as you are aware, during the preparation of the permits and designs for the relocation of RTE 113, the materials in the ditch were found to contain heavy metals. Based on direction from the DEEP, the City was to not perform work associated with this COP until the SAEP addressed the concerns regarding the materials in the ditch.

The design for the relocation of RTE 113 was then modified to include the construction of a new tidal ditch (to allow for tidal flushing, stormwater discharge from the airport, and create a Threatened and Endangered mitigation site). This new ditch breached the embankment at the end of the marine basin, allowing flushing from the tidal cycle as intended to satisfy the mitigation plan (see attached). During some tidal cycles, the water is overtopping the embankment between the new and old tidal ditches, and impacting the SAEP as previously described.

The purpose of the conversation last week was to identify these concerns, and develop a collective approach to address these issues. Could you please offer some direction on what next steps are anticipated (for both the SAEP and the City of Bridgeport), and what design options may be considered (knowing that the attached COP and mitigation plan has been developed and approved).

Thanks

F

**Fraser Walsh**

Project Manager, Transportation  
D +1-860-990-6782  
M [Redacted - Privacy Act](#)  
[fraser.walsh@aecom.com](mailto:fraser.walsh@aecom.com)

**AECOM**

500 Enterprise Drive  
Suite 3B  
Rocky Hill, CT 06067, USA  
T +1-860-528-8882  
[aecom.com](http://aecom.com)

**Built to deliver a better world**

[LinkedIn](#) [Twitter](#) [Facebook](#) [Instagram](#)

-----Original Appointment-----

**From:** Brinsmade, Brian [<mailto:Brian.Brinsmade@ct.gov>]

**Sent:** Friday, August 11, 2017 9:46 AM

**To:** Brinsmade, Brian; Samorajczyk, Christopher W; Creem, Neil J; Walsh, Fraser; Coppola, Elona; [Michelle.Muoio@bridgeportct.gov](mailto:Michelle.Muoio@bridgeportct.gov)

**Cc:** Piraneo, Andrew; Falzano, Heather J; Carufe, Patrick; Stafko, Daniel P

**Subject:** 15-336 Stratford Army Engine Plant / Sikorsky Airport / Rt. 113

**When:** Wednesday, August 23, 2017 1:15 PM-2:15 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** Mitigation Site #4

Good morning all,

This meeting is in response to a concern that came through DEEP and passed on to the Department regarding a flooding issue at the Sikorsky Army Engine Plant in Bridgeport across from the Sikorsky Airport's runways. The SAEP has been experiencing flooding during high tides, flooding their lagoons and tidal creek and impacting the monitoring wells. Mr. Hammond, the contact at SAEP, feels that the regrading at mitigation site #4 has reduced the height of the existing berm causing the flooding; the tide gate not allowing full discharge also does not help.

I have been in contact with Mr. Hammond at the request of OEP and visited the site during normal flows. The orifice at the new tidal channel does not appear to be clogged. District Maintenance has also extended some good will and cleaned the catchbasins on Rt. 113 in front of the SAEP property.

August 23<sup>rd</sup> at 1:20pm, high tide will be at 7.6'. If you are available, please attend. Meet at Mitigation Site #4

Thank you,  
Brian