

## Kozikowski, Marek

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**From:** L'Heureux, Cody <clheureux@Blcompanies.com>  
**Sent:** Thursday, May 27, 2021 5:27 PM  
**To:** Kozikowski, Marek  
**Cc:** Bruton, Matthew  
**Subject:** RE: Fedex  
**Attachments:** 202104545\_no conflict.pdf

**This email was sent by someone outside of the City of Middletown.**

Marek,

Is your question referring to the underground detention system adjacent to the expansion on the west side or the above ground basin to the south east? The areas draining to the underground detention system are shown on the Proposed Drainage Mapping plan PD-1 (pdf page 303) and described in the Developed Site Hydrologic Conditions and Drainage Patterns section (beginning on page 8) as the drainage areas draining to Design Point 2. The runoff from additional impervious surfaces at the outbound lot and employee lot expansion areas is directed toward the underground detention system, which was oversized in the original hub construction and has been verified in the Post-Development Hydrology Report to have sufficient freeboard with the additional runoff volume being contributed. The top elevation of the inside of the chambers is 96.33' and the peak water surface elevation in the 100-year storm event is 95.30 (as seen on pdf page 292) ensuring a minimum of 1' of freeboard in all storm events within the chambers. The outlet control structure that limits outflow from the underground detention system is to be modified by installing a stainless steel orifice plate with a diameter of 13" over the existing 15" diameter outlet, this will restrict more flow and mitigate the peak flow increase exiting the system. This effect is shown in Table 5 on page 11, the peak flow to Design Point 2 is reduced in all storm events.

The Northern Wetland area is Design Point 3 in the report, it is mention in the Existing Drainage Patterns section beginning on page 6. The Northern Wetland area has been considered a design point because it receives stormwater discharge from the existing northern stormwater pond to which additional runoff from the inbound lot expansion area is to be directed.

Also, please see the attached NDDDB no conflict determination for reference.

Thank you,

Cody L'Heureux, PE  
Senior Engineer I  
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**From:** Bruton, Matthew <mbruton@Blcompanies.com>  
**Sent:** Thursday, May 27, 2021 4:54 PM  
**To:** Kozikowski, Marek <Marek.Kozikowski@MiddletownCT.Gov>  
**Cc:** L'Heureux, Cody <clheureux@Blcompanies.com>  
**Subject:** RE: Fedex

Cody,

Can you point Marek in the right direction on the section of the stormwater report that answer his questions below?

Thank you,

Matthew J. Bruton, P.E.  
Regional Manager  
Principal  
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**From:** Kozikowski, Marek <[Marek.Kozikowski@MiddletownCT.Gov](mailto:Marek.Kozikowski@MiddletownCT.Gov)>  
**Sent:** Thursday, May 27, 2021 4:21 PM  
**To:** Bruton, Matthew <[mbruton@Blcompanies.com](mailto:mbruton@Blcompanies.com)>  
**Subject:** RE: Fedex

What areas drain into that massive basin adjacent to the southeastern parking expansion? Does the impervious surfaces that go into that basin increase? Can it handle the additional volume?

Where is the Northern Wetland area referred to in the drainage report?

Marek

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**From:** Bruton, Matthew <[mbruton@Blcompanies.com](mailto:mbruton@Blcompanies.com)>  
**Sent:** Thursday, May 27, 2021 11:57 AM  
**To:** Kozikowski, Marek <[Marek.Kozikowski@MiddletownCT.Gov](mailto:Marek.Kozikowski@MiddletownCT.Gov)>  
**Subject:** Fedex

**This email was sent by someone outside of the City of Middletown.**

Marek,

Any comments on IWC resubmission BL needs to address before the meeting next week?

Thank you,

**Matthew J. Bruton, P.E.**

**Regional Manager**

**Principal**

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