

**From:** [Lawrence, Phil](#)  
**To:** [Knepper, Todd](#); [Anderholm, Ivan](#)  
**Cc:** [Ellis, James](#)  
**Subject:** RE: Baleine Sewer  
**Date:** Thursday, October 14, 2021 11:01:32 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)

I have gone out and conducted a site visit. The proposed distance I do not have a major problem with, however the alignment does not work. I double checked with manhole SMH06375 on Inverurie and can see that in connecting to that manhole our main line would be out of the ground. If we connect to manhole SMH04550 our main line distance would increase to over six hundred feet and the hydraulics would be adverse when we connect past ninety degrees to the existing flow. So I do not see another option but manhole SMH04547. I believe that for this to work well there will need to a center manhole or we would need to acquire an easement over 15776. Without an easement the best option would be the line to the north( see map below) or we could move the manhole somewhat to the south to avoid some of the trees. Whatever we build we will really need some sort of access. We will not need a road but will need a access walking path wide enough for our equipment to the manholes.

I am available to meet all day Tuesday and Friday or my afternoons are free all week next week. Thank you Phil

cid:image003.png@01D7C0E9.864D12F0



**From:** Knepper, Todd  
**Sent:** Wednesday, October 13, 2021 1:56 PM  
**To:** Lawrence, Phil <[plawrence@ci.oswego.or.us](mailto:plawrence@ci.oswego.or.us)>; Anderholm, Ivan <[ianderholm@ci.oswego.or.us](mailto:ianderholm@ci.oswego.or.us)>  
**Subject:** FW: Baleine Sewer

Phil: This is preliminary design. A question from the design engineer came up about allowing a run of approximately 540 feet in between manholes. Our design standards allow 500 feet. I am not sure I like the angle at Inverurie Road, so maybe it would be better to have a midpoint manhole within the park. Take a look and let me know what you think.  
Ivan: The three of us should probably take a look at this in the field, so we can start talking about access to the overall sewer system and manholes, and if there could be access pathways that would also serve as a maintenance access for Phil.

Let me know your availability coming up and I can schedule an internal site meeting for us.

Thanks,

Todd

**Todd Knepper, P.E.**  
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**From:** Eric Evans <[eric@emeriodesign.com](mailto:eric@emeriodesign.com)>  
**Sent:** Wednesday, October 13, 2021 1:29 PM  
**To:** Knepper, Todd <[tknepper@ci.oswego.or.us](mailto:tknepper@ci.oswego.or.us)>  
**Cc:** Ed Brockman <[edbrockman846@gmail.com](mailto:edbrockman846@gmail.com)>  
**Subject:** Baleine Sewer

Todd,

We met onsite this week to look at this sewer routing. Would the city be open to a ~540' run of sewer line to avoid a manhole? This would avoid an access road through a wetland as well.

Can I get your thoughts on this?

Eric

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