

Jarryd Finkelstein

From: Hennie Nortje <hennie@wynlandwater.co.za>
Sent: Tuesday, 27 September 2022 08:39
To: Izak Van der Merwe
Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Morning Izak.

We prefer the original (straight) route with only the landowner consent for the section outside the City's property.
Regards.

Hennie Nortje
082 4421656



Tel: 021 887 6487 Fax: 021 887 6486

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From: Izak Van der Merwe [mailto:Izak.VanderMerwe@zutari.com]
Sent: Monday, 26 September 2022 12:09 PM
To: Hennie Nortje
Cc: Stephan Kleynhans; Caitlin Lange; gavin.george
Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Hi Hennie

Apologies for only responding to your mail now. We have been engaging with the City to find the optimal solution for the relocation of your pipeline.

The City is busy getting a template for the Right of Way Agreement that will allow Wynland water to access the pipeline within their property boundary. This will be shared with you once available.

There is, however, issue on the route we previously sent through to you. As shown in the red rectangle on the attached drawing, the first section of approximately 100m will fall outside the City's property boundary. We have considered extending the City's servitude to include the Wynland pipeline, but the representative from the City is not in the position to acquire a servitude for a service that does not belong to them.

We are therefore investigating the following alternatives for the Wynland Pipeline Relocation:

- **Alternative 1:** Keeping the pipeline within the City's property as shown by the solid yellow line in the attached drawing.
- **Alternative 2:** Using the servitude of the City's DN1525 pipeline that supplies the reservoir site to limit the extent of the "kink" in the pipeline. This route is shown by the dashed yellow line on the attached drawing.

From the practical pipeline design standpoint, the above alternatives are not ideal. We are therefore also busy engaging with the Starke Farm Trust who owns the portion of land outside of the City's property to see if they will be willing to give consent for the first section of the pipeline to be install on their property.

From Wynland Water's side, can you please indicate your preference for the original route vs the alternatives? Furthermore, if we can obtain landowner consent from the Starke's for the +-100m section of pipeline outside the City's property, would Wynland Water be willing to waive their servitude requirements for this section of the pipe i.e., a servitude will not be obtained for this section? The rest of the pipeline will be covered by the proposed Right of Way Agreement.

Any guidance from you on this matter would assist us in obtaining a solution that would suit all affected parties.

Kind regards,

Izak Van der Merwe *PrEng, MEng*

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From: Hennie Nortje <hennie@wynlandwater.co.za>

Sent: Monday, 29 August 2022 08:53

To: Izak Van der Merwe <Izak.VanderMerwe@zutari.com>

Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Good morning Izak.

The route within the property boundary is acceptable. Is the "right of way" agreement as good as a servitude? HDPE pipe is an option but it still need to be restrained at the three points where you connect onto the existing plain ended AC pipes/section valves. For this you will still need thrust blocks and collars.
Regards.

Hennie Nortje

082 4421656

From: Izak Van der Merwe [<mailto:Izak.VanderMerwe@zutari.com>]

Sent: Friday, 26 August 2022 1:24 PM

To: Hennie Nortje

Cc: Suzanne Edlmann; Caitlin Lange; Stephan Kleynhans; gavin.george

Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Hi Hennie

We have had further engagements with the environmental team and with the City of Cape Town on the proposed route. We have subsequently been informed that since the Wynland Pipeline was not part of the original environmental authorisation, we would have to go through a lengthy part 2 amendment process to get the current relocation route preferred.

To prevent delays to the project, the City agreed that we can route the re-route the pipeline within their property boundary. The proposal is to run the pipeline approximately 2m from the fence line as shown on the attached drawing. This will avoid the need for further environmental authorisation as well as minimise additional landowner compensation. The City will provide a "right of way" agreement that will provide access to Wynland Water for any maintenance or repairs to be undertaken on the proposed pipeline.

Can you please advise whether this is an acceptable solution for Wynland Water?

Furthermore, we are investigating an option of using continuously welded HDPE pipes as apposed to uPVC as this will prevent the need for thrust blocks as well as reduce the maintenance requirement. Would Wynland Water be open to using HDPE for the section to be relocated?

Thanks in advance,

Izak Van der Merwe *PrEng, MEng*

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From: Suzanne Edlmann <Suzanne.Edlmann@zutari.com>
Sent: Tuesday, 16 August 2022 08:48
To: Izak Van der Merwe <Izak.VanderMerwe@zutari.com>
Subject: FW: 1001757 - Wynland Water Pipeline Relocation

Ek forward net sodat jy relevante eposse het.

Suzanne Edlmann

CIVIL ENGINEER | ZUTARI

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From: Hennie Nortje <hennie@wynlandwater.co.za>
Sent: Friday, 15 July 2022 09:01
To: Suzanne Edlmann <Suzanne.Edlmann@zutari.com>
Cc: quinton@wynlandwater.co.za
Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Goeie môre Suzanne.
Opsie 1 is dan die roete om te gebruik.
Ons werk op 'n 4 meter serwituut.
Groete.

Hennie Nortje
082 4421656



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From: Suzanne Edlmann [<mailto:Suzanne.Edlmann@zutari.com>]
Sent: Thursday, 14 July 2022 1:01 PM
To: Hennie Nortje
Cc: Izak Van der Merwe
Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Goeie middag Hennie,

Jammer vir die misverstand. Die heining wat tans aangedui word is gebaseer op 'n voorlopige ontwerp. Die grensheining sal die hele rooi area om die reservoir site insluit, wat toelaat vir toegangsbeheer en damme wat uitgebrei gaan word in lyn met die stormwater management plan vir die site. Ons sal dus ongelukkig nie die Wynland pyplyn kan deurvat soos aangedui op jou skets nie. Laat weet asseblief of Opsie 1 aanvaarbaar sal wees en of jy enige verdere kommentaar het op die roete.

From: Suzanne Edlmann [<mailto:Suzanne.Edlmann@zutari.com>]

Sent: Wednesday, 13 July 2022 5:15 PM

To: Hennie Nortje

Cc: Izak Van der Merwe

Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Goeie dag Hennie,

Baie dankie vir die inligting. Ek het jou voorstel vergelyk met die stad se voorgestelde grensheining. Ongelukkig sny dit die grensheining, wat problematies kan wees vir toegang tot julle pyplyn in die toekoms.

Ons stel twee alternatiewe pyplyn roetes voor om die skerp buig te vermy en om buite die stad se voorgestelde grensheining te bly. Sien asb die aangehegde tekening.

- Die eerste opsie is ± 680 m, wat korter is as die bestaande pypsegment wat vervang moet word. Die bestaande pypsegment het 'n hoogte punt van 198.28 m (pyp bodem hoogte by Ch 3610.90). Opsie 1 se pyplyn oorskry nie die hoogte punt op enige plek nie, en dus behoort dit nie die vloei deur die pyp te beperk nie. Opsie 1 se pyplyn kruis wel die in- en uitgaande pyplyne asook die access road.
- Die tweede opsie is langer as die bestaande pypsegment wat vervang moet word. Die lengte is ± 1450 m. Die pyplyn kruis nie die in- of uitgaande pyplyne nie, asook nie die access road nie. Met opsie 2, gaan die pyplyn 'n hoogtepunt van ± 211.3 m (pyp bodem hoogte) bereik. Opsie 2 verhoog dus die hoogte punt met ongeveer 13 meter. Afhangend van hoe die hidroliese graadlyn hier loop, kan dit die vloei deur die pyp beperk en selfs die pyp laat sewer by hierdie punt.

As jy meer inligting het oor die hidroulika van die stelsel kan ons nog 'n paar checks doen op die veranderinge . Laat weet asseblief watter opsie jy sal aanbeveel vir die pyplyn.

Is daar 'n 'servitude' vir die bestaande pyplyn, of watter proses volg julle gewoonlik met grondeienaar goedkeuring?

Dankie vir jou insette, ek hoor graag van jou.

Vriendelike groete

Suzanne

Suzanne Edlmann

CIVIL ENGINEER | ZUTARI

E Suzanne.Edlmann@zutari.com W zutari.com

From: Izak Van der Merwe <Izak.VanderMerwe@zutari.com>

Sent: Friday, 08 July 2022 09:52

To: Hennie Nortje <hennie@wynlandwater.co.za>

Cc: Suzanne Edlmann <Suzanne.Edlmann@zutari.com>

Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Hi Hennie

Baie dankie vir die inligting. Dit help baie.

As ek vining kyk na jou nuwe belyning lyk dit asof dit dalk die stad se voorgestelde grensheining mag sny.

@Suzanne, ge'CC in die mail gaan help met die ontwerp van die pyplyn. Ons sal na jou voorstel vir die belyning kyk en binnekort terug kom na jou toe met moontlike oplossings vir jou insette.

Groete

Izak Van der Merwe *PrEng, MEng*

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From: Hennie Nortje <hennie@wynlandwater.co.za>

Sent: Thursday, 07 July 2022 16:27

To: Izak Van der Merwe <Izak.VanderMerwe@zutari.com>

Subject: RE: 1001757 - Wynland Water Pipeline Relocation

Goeie dag Izak.

Wat die roete betref het ek gedink om die gedeelte waar die nuwe pyp die bestaande taklyn kruis te skuif om die skerp buig waar die taklyn aansluit en moet op koppel te vermy. Sien aangehegde skets in rooi aangedui. Miskien het jy 'n beter oplossing.

Sal graag 'n afsluit klep wil insit waar die ou asbes pyp ophou en die nuwe pyp gaan begin.

Materiaal, UPVC klas 9 pyp.

Ons gebruik Bermad plastiek lugkleppe en AVK, RSV tipe kleppe vir spoel en isoleer kleppe.

Enige special fittings in stainless Gr304.

Groete.

Hennie Nortje

082 4421656



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From: Izak Van der Merwe [<mailto:Izak.VanderMerwe@zutari.com>]

Sent: Monday, 04 July 2022 6:11 PM

To: hennie@wynlandwater.co.za

Cc: Suzanne Edlmann; Quinton Brynard

Subject: 1001757 - Wynland Water Pipeline Relocation

Hi Hennie

Ons is op die punt waar ons begin kyk na hoe ons julle pyplyn gaan verskaf vir die konstruksie van die nuwe Muldersvlei reservoir kan begin. Sien aangeheg 'n eerste draft van die voorgestelde nuwe roete. Stad Kaapstad het die grond vir die reservoir gekoop, die nuwe roete loop dus al langs die grens van die stad se grond. Het jy enige kommentaar oor die voorgestelde roete?

Volgens die As-Builts is die bestaande pyplyn 'n asbes lyn. Het julle enige voorkeur vir die pyp materiaal vir die nuwe pyplyn?

Verder, het julle 'n minimum druk klas waaraan die pyp moet voldoen? Andersins, kan jy dalk aandui van waar hierdie pyplyn voorsien word sodat ons self die drukke kan bepaal?

Laastens, het julle enige standard vir lug, spoel en isoleer kleppe?

Op grond van hierdie inligting sal ons kan voortgaan om 'n konsep ontwerp te ontwikkel. Ons sal die konsep ontwerp dan met julle deel vir verdere insette.

Laat weet asseblief as daar enige vrae is.

Byvoorbaat dankie,

Izak Van der Merwe *PrEng, MEng*

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