

## Jack Fenny

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**From:** Chad Reinemann  
**Sent:** Monday, February 20, 2017 9:06 AM  
**To:** Jack Fenny  
**Cc:** Neil Weisel  
**Subject:** RE: Bowery Bay Pipe Support RBCD 11512

Jack,

Please proceed with pipe stress analysis of the north gallery pipe described below for the lump sum fee of \$3,400. Please use the same assumptions regarding operating pressure and temperature as the temporary pipe analysis.

We have performed the seismic analysis – you do not need to include this in your model. Please complete the report by end of day on Friday.

Your efforts to date are much appreciated. Let me know if you have any additional questions.

Thanks,

Chad

Chad Reinemann, P.E., LEED AP | Senior Engineer  
**RYAN BIGGS | CLARK DAVIS**  
ENGINEERING & SURVEYING, P.C.  
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**From:** Jack Fenny [mailto:jack@fenny.com]  
**Sent:** Friday, February 17, 2017 4:19 PM  
**To:** Chad Reinemann  
**Cc:** Neil Weisel  
**Subject:** RE: Bowery Bay Pipe Support RBCD 11512

Thanks Chad,

I neglected to answer part 2 regarding a time frame. If you get a release by Monday, we can have it to you by next Friday.

As far as any info we need just ask for the Operating Pressure and Temperature if other than ambient. If Seismic is required, we just need the structural notes drawing – which has this data.

As far as invoicing goes, we will go back and check our timesheets on this work. We may have assumed this was a lump sum job, but we will check further.

Thanks,

Jack Fenny, PE  
**Fenny Engineering Co**  
(T) 941-488-7188  
(E) [Jack@Fenny.com](mailto:Jack@Fenny.com)

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**From:** Chad Reinemann [mailto:[CReinemann@ryanbiggs.com](mailto:CReinemann@ryanbiggs.com)]  
**Sent:** Friday, February 17, 2017 3:46 PM  
**To:** Jack Fenny <[jack@fenny.com](mailto:jack@fenny.com)>  
**Cc:** Neil Weisel <[NWeisel@ryanbiggs.com](mailto:NWeisel@ryanbiggs.com)>  
**Subject:** RE: Bowery Bay Pipe Support RBCD 11512

Jack –

This looks great – thank you. They are looking to get this submitted ASAP – can you give me your expected turn around time?

Regarding PO for temporary pipe – none was ever distributed. The email attached was submitted to the Client as an estimated fee.

Chad Reinemann, P.E., LEED AP | Senior Engineer  
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**From:** Jack Fenny [mailto:[jack@fenny.com](mailto:jack@fenny.com)]  
**Sent:** Friday, February 17, 2017 2:32 PM  
**To:** Chad Reinemann  
**Cc:** Neil Weisel  
**Subject:** RE: Bowery Bay Pipe Support RBCD 11512

Chad,

Estimated scope for the piping analysis will be as follows.

1. Stress Analysis of the Sludge Discharge piping shown on drawing M-005 and boxed in red.
2. The analysis model will include the piping to the pump discharge connection.
3. Load cases will include Deadweight, Thermal, Pressure and Seismic.
4. Support design we assume will be done by Ryan Biggs.
5. Full stress report will include a dimensioned piping isometric.
6. Report will include a summary of loads acting on each support location.
7. Report will be sealed by a NY PE.

Analysis Price: \$3400.

Jack Fenny, PE  
**Fenny Engineering Co**

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(E) [Jack@Fenny.com](mailto:Jack@Fenny.com)

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**From:** Chad Reinemann [mailto:[CReinemann@ryanbiggs.com](mailto:CReinemann@ryanbiggs.com)]  
**Sent:** Friday, February 17, 2017 11:22 AM  
**To:** Jack Fenny <[jack@fenny.com](mailto:jack@fenny.com)>  
**Cc:** Neil Weisel <[NWeisel@ryanbiggs.com](mailto:NWeisel@ryanbiggs.com)>  
**Subject:** Bowery Bay Pipe Support RBCD 11512

Jack,

Hope all is well. I have a couple of items with regard to the Bowery Bay Pipe Support project.

1. The temporary pipe installation is complete and this phase is ready to be closed out. Have you invoiced for all services performed to date?
2. The permanent piping has utilized the existing pipe supports and has not required engineering analysis. One exception to this is along the wall of the north gallery, where the base of the existing frames are corroded and will be replaced. The NYCDEP has requested a pipe stress analysis for the 2 pipes that along this wall. Can you develop a fee and give a sense of turnaround time for the pipe stress analysis of these 2 pipes?

Please get back to me as soon as possible. Give me a call with any questions.

Thanks!

Chad Reinemann, P.E., LEED AP | Senior Engineer  
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