

## Marshland Drive Lift Station Screw Pump Upgrade Truro, Nova Scotia

1. Instruction to Tenderers .1 Note the inclusion of this addendum on the Tender Form (Section 00 41 43, Article 2.3)
  
2. Spec Section 33 32 16  
Open Flight Archimedes  
Type Screw Pump (Install)
  - .1 Add the following to Article 3.2.1 “If the gap (allowance) between the rough concrete trough and the screw flights is more than 25mm, the gap will be filled with the screeding concrete during the screeding procedure. Any areas where the gap is less than 25mm are to be chipped out to provide a gap of at least 25mm.”
  - .2 In Article 3.3.10 revise “of 3mm to 4mm” to read “of approximately 6mm”.
  - .3 Replace Article 3.3.15 with the following “The screw pump will be supplied with a 6mm thick screeding bar tack welded to the entire length of the screw flights to ensure a 6mm gap between the screw flights and the final concrete trough. Screeding bar is to be removed only after the installation of screeding concrete is complete.”
  - .4 In Article 3.3.16 revise “approximately 1.6mm to clear the screed wire” to read “approximately 6mm to clear the screed bar”.
  - .5 Add the following to Article 3.3.18 “The temporary grouting motor is to be supplied by the screw pump manufacturer.”
  - .6 Insert the following at the start of Article 3.3.19 “Spray a bonding agent on the surface of the existing concrete trough immediately prior to the grouting operation.”
  - .7 In Article 3.3.20, in the 4<sup>th</sup> sentence revise “drag on the wires” to read “drag on the screed bar”. Also insert the following as the 5<sup>th</sup> sentence “The screw pump is to run overnight using the grouting motor to make sure that the concrete trough is cured and to prevent sagging of the grouting concrete.”
  - .8 In Article 3.3.21 delete the following “Similar to the low-speed coupling.....be aligned and connected.”

- .9 In Article 3.3.22, after the 1<sup>st</sup> sentence, insert the following “A uniform flat surface is to be created to install the profile plates.”
  
- .10 Insert Article 3.3.24 as follows “.24 The screeding bar is to be removed and the tack weld areas are to be ground down using a disk grinder to achieve a smooth surface. Any exposed metal areas are to be coated (minimum 2 coats) using the touch up paint provided by the screw pump manufacturer.”

\*\*\*\*\* **END OF ADDENDUM #2** \*\*\*\*\*