



OverWatch™

Direct In-Line Pump System

TF4U

FFSTFPOIUSHHMFTPEFFDIFJSDFNUJDFFDUSSOOJOHPSFMDFNFOU
SUTCDFDNFSSJFOOTUSJMM4MUJOTHDFDUDE?OFNJ OHTUFN?
OWFS8U DTFSDUSFMDFNFOU?FFJOH?IFSM?

Overview

ODIITNNUWUJOMJFTNOTUFSTJFS CMFN SDF
TNMMDOFOFFSTFIFJSMENOTOFNUJDFFDUS?
ND CMFMM MOTESFDFDOTFHJOTU??
DOUJOFUIMDNSFTTSTODIFSDNOFOUTUIUPWF?
CFDNBDSFTJOHMEBDFOSIFTTUFNTEJHOFD?
JOTUMMFPOHFDTPDFFSFM DJOH?
5IFDOHOJOFFSTM LJHSDFTMUJODIUMTU?
JOU DIFETUJOHDMFWFMEMMCUOUSFJSM SHFFOTF?
? DOWFSUJOHDEUEMMSIJTMJU?UJOMTJUTPODIFNJM
? TFUDFJHICSITDJTFTDODFSODDIFSFJTJHO?
UIFDFFFDFOOTSFDIUDIFSTDTUJOMCSJDLO?
NSUSPTUCMOMFFSFS IFNVMWFNFUFSTO?
DOUSMTDFFFDUPODIFETUJOHSMVFSIF?
DODFSODIUDIFFOUJMSDTTFTSIFOWFS8USFDU?
O?OFENJOHTTUFN?MWFMMDFIFJSDFOUJMDODFSOT?



PROBLEM

- ESMNDFDI OMHETFTDTTFT U?
- -JNJUFD FUI DSSFOUEMMIJ
- OTUOUDNSFTTSMT
- DMFSODFSSTSDJTFT
- -JNJUFDCHFUSDFDCTUSDUJO

Solution

The OverWatch Direct In-Line Pumping System was a direct replacement for the pneumatic ejectors, while giving the operators all of the benefits of VFD controlled pumps. The system maintains a dry machine room and requires a smaller footprint than the previous pumping technology used. The current invert and discharge could be used as is, and no additional changes were needed to the machine room. The system comes complete with the control panel and pump; arriving on site ready to install. The roadside access hatch was only 30", which would require all components to be designed to fit through the hatch without removing the well lid. By not needing to remove the lid, the contractor was able to save on crane rental costs and the danger of the concrete lid crumbling from being moved after 30 years in place. The control panel fit on the wall in the location of the existing panel.

The town selected OverWatch as no major construction would be needed to install the system. The installation took place over the course of three days, with one and a half days devoted completely to demolition and repairing a leaking invert pipe. The town engineer was able to set the operating parameters to maximize scouring velocities with each start up keeping the invert clean, while eliminating future discharge build up.

The town opted for the wireless communication package, which provides them in-real-time notifications and performance of the system. The town pays for daily inspections of the lift station and a premium for emergency service calls. By utilizing the OverWatch communication platform, they hope to remove the daily inspection expenses, saving them thousands each year.

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Features

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Applications

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RESULTS

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- Bullet Example Text
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