



| Target Pollutants |
|-------------------|
| Colloidal solids |
| Dissolved metals |
| Nitrate |
| Toxic organics |
| Bacteria |

Purus (pure-us), a group of stormwater polishing technologies, provides the most advanced level of stormwater treatment and is designed for challenging stormwater conditions or targeted pollutant removal.

Applications

With this level of stormwater pollutant removal possible, the Purus system is ideal for industries where higher concentrations of specific pollutants are common, or where water quality standards are more stringent or watershed-specific. The diagrams below show the complete Purus polishing line of products. The large vessel, shown directly below, can house media appropriate for polishing dissolved metals, nitrate and/or organics from stormwater. Purus Bacteria is shown to the far right. Purus is typically installed after the Aquip stormwater filtration technology in a "treatment train" configuration.

| Technology | Pollutant Type |
|------------|--|
| Basic | Fine particulates, colloidal solids and turbidity |
| Metals | Dissolved metals to the parts per billion range |
| Nitrate | Intermediary degradation product of organic nitrogen, ammonia and urea |
| Organics | Categorical organics such as BOD and COD; toxic organics such as PCBs and PAHs; and dissolved organics such as petroleum hydrocarbons and VOCs |
| Bacteria | Bacteria, such as E. coli and fecal coliform |

Features

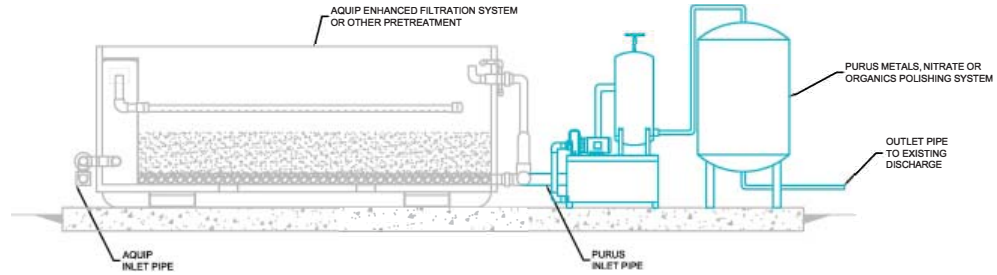
- Flow matched to upstream treatment rates
- Slip-stream treatment configuration available
- Freeze protection available
- Targets individual site-specific parameters
- Removes trace pollutants



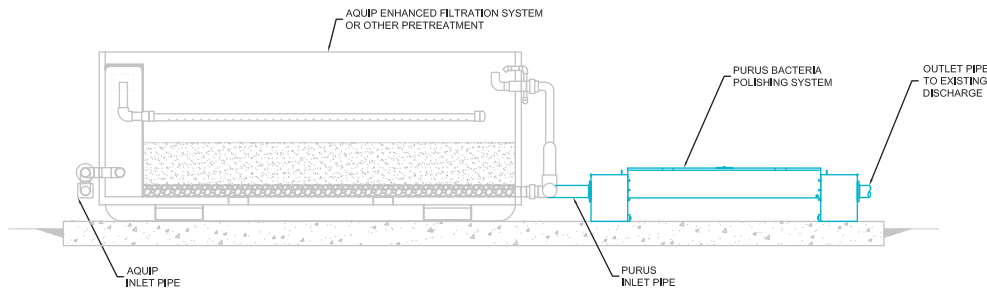
StormwaterRx LLC designs, manufactures, installs and maintains stormwater treatment systems for industrial customers throughout North America. Contact StormwaterRx to find out how we can help you meet your stormwater quality requirements.



Call toll free 800.680.3543 or visit stormwaterx.com



PURUS BASIC, METALS, NITRATE OR ORGANICS POLISHING – SECTION VIEW



PURUS BACTERIA POLISHING – SECTION VIEW



Purus Basic



Purus Metals



Purus Bacteria



Purus Nitrate