

Aegis Chemical Solutions is a leading provider of fluid transfer systems. Our experienced personnel are constantly prepared to use innovative technology to find the right solutions to help energy companies act quickly and responsibly and in compliance with current and future regulations.

## Water Transfer System

Aegis water transfer systems use lay-flat hose to rapidly deploy and redeploy high volume flow lines from water sources to frac locations. By reducing manpower needs to a minimum, this cost effective solution provides a rapidly deployed, leak-free water transfer solution for today's frac operations.



## Equipment Highlights

Lay-flat hose system 8" & 10" lines

- 200 psi working pressure
- 600 psi burst pressure
- 50,000 BBL/D transfer rate 8"
- 85,000 BBL/D transfer rate 10"

Remote Operated Pump Systems

Rapid Deployment System

3" Poly "Fast lines"

Above ground storage options



<b>Quality of equipment</b>	<ul style="list-style-type: none"> <li>▪ Brand new fleet of equipment</li> <li>▪ Caterpillar 299 Skid steer               <ul style="list-style-type: none"> <li>• 4.2 ground pressure loaded w/reel</li> </ul> </li> <li>▪ Lay-flat 8" &amp; 10" hose               <ul style="list-style-type: none"> <li>• 200psi working, bursting 600psi 3x safety factor</li> <li>• Victaulic connections (8 connections per mile)</li> <li>• 660' per spool</li> <li>• 8x10 pumps w/manifold system w/two outlets</li> <li>• 325hp</li> <li>• Pumps equipped w/remote operating capabilities</li> <li>• Road crossings designed to meet system's spec</li> </ul> </li> </ul>
<b>Footprint &amp; Mobility</b>	<ul style="list-style-type: none"> <li>▪ System can mob &amp; de-mob quickly</li> <li>▪ Rapid deployment and retrieval</li> <li>▪ Equipment allows for minimum footprint on land               <ul style="list-style-type: none"> <li>• Skid steer leaves minimal tracks</li> </ul> </li> </ul>
<b>Versatility &amp; Capability</b>	<ul style="list-style-type: none"> <li>▪ Able to lay out in rough terrain</li> <li>▪ Able to run two pumps in parallel on 1 line</li> <li>▪ 660' of hose per spool</li> </ul>
<b>What is special about it?</b>	<ul style="list-style-type: none"> <li>▪ System can follow a frac crew around</li> <li>▪ Rig-up/Rig-down time drastically reduced</li> <li>▪ Reduces road &amp; land damage = happy landowner</li> <li>▪ Reduces trucking</li> <li>▪ Reduces Personnel required to rig-up &amp; pump jobs</li> <li>▪ 8 connections per mile, as opposed to 176 connections per mile in aluminum</li> <li>▪ Leak free system allows operator to pump brackish water through system</li> <li>▪ Line can be pigged</li> <li>▪ Allows operator the ability to get more frac dates in a month</li> </ul>
<b>People and leadership</b>	<ul style="list-style-type: none"> <li>▪ Experienced Personnel</li> </ul>
<b>Safety awareness and applicable features</b>	<ul style="list-style-type: none"> <li>▪ 3x safety factor on hose. (operating 200 psi, burst 600psi)</li> <li>▪ HSE exposure of back injuries is reduced</li> <li>▪ DOT exposure reduced</li> </ul>