



Most bulkhead fittings don't allow the last 2 inches of standing water to drain from the berm.

## YOU JUST CAN'T GET THERE.

### From Idea to Sketchpad to Finished Product in Six Weeks

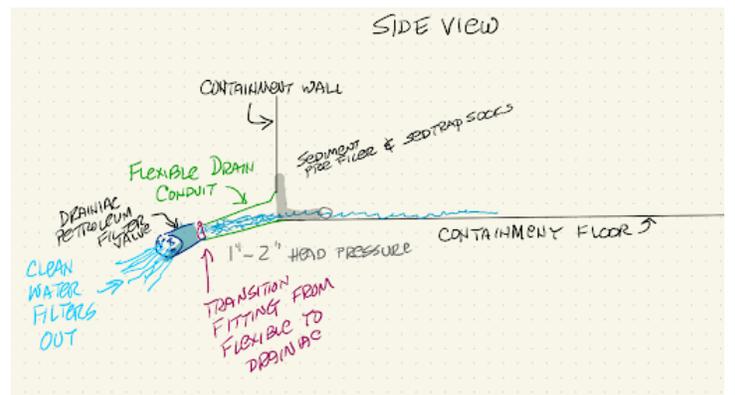
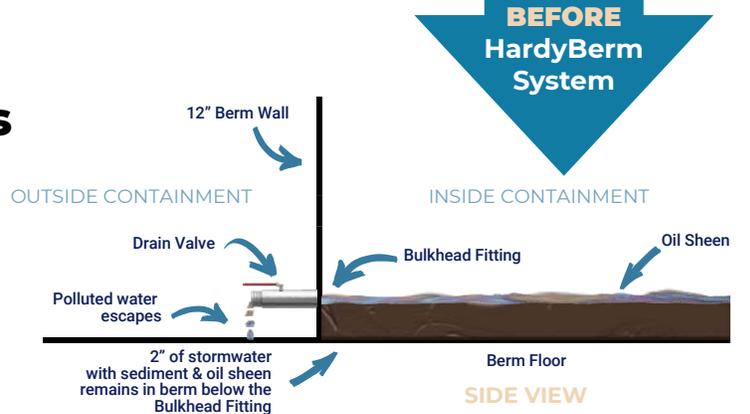
**THE PROBLEM:** Oily Stormwater Buildup inside Portable Secondary Containment.

Did you ever look at a problem and say, "there's got to be a better way?" That's how it was for us with draining the last 2 inches of rainwater from portable secondary containment berms. We tossed around lots of ideas over the years. One was a berm liner that would wick water over the wall but leave oil inside. Another was a self-priming siphon.

**THE NUDGE:** A Customer's Compelling Need

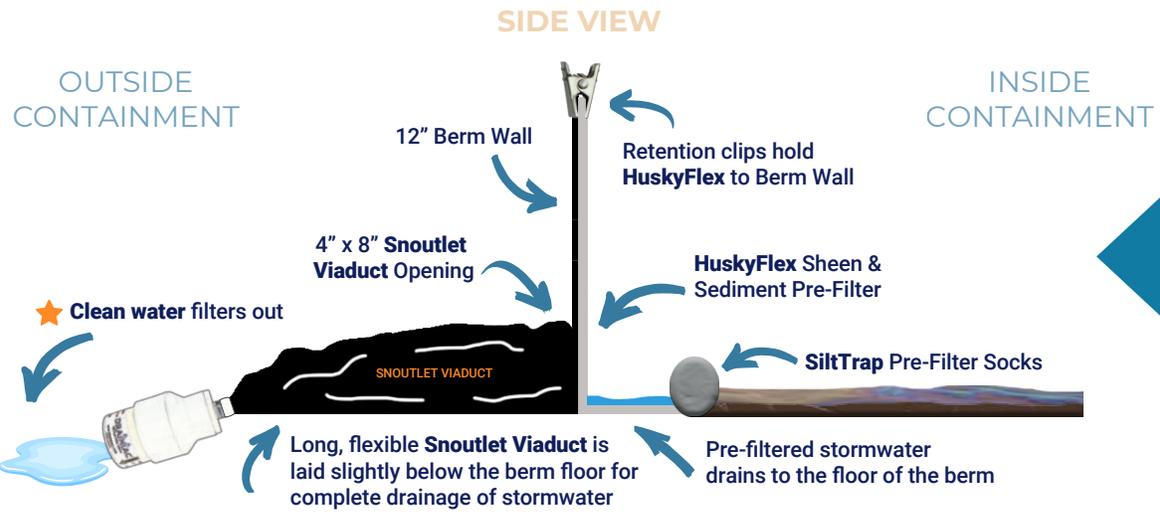
In February, a client called. He was pushing us hard to come up with a solution NOW. (See case history on page 48). That evening, I was doodling on my iPad sketch program, and the concept unfolded right before my very eyes. It was like an invisible hand was guiding my stylus. In just a few minutes, I had a rudimentary drawing. I shot it off to our team and client.

After a couple of days of refinement, our fabrication team built a prototype. The client loved it. Within six weeks, we had four finished HardyBerm contaminants with Snoutlet and Drainiac® fittings on the way to the customer.



After years of thinking about a better way to drain portable containment berms, this concept sketch just flowed through my stylus in a matter of minutes. Funny how things come together.

# New! HardyBerm Portable Secondary Containment System



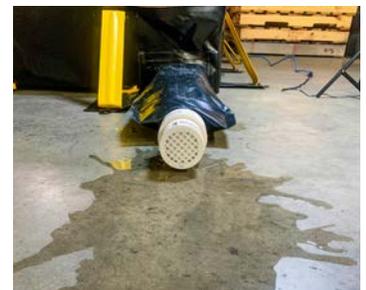
**STEP 1:** Cover Patent Pending Snoutlet viaduct with **HuskyFlex** pre-filter fabric.



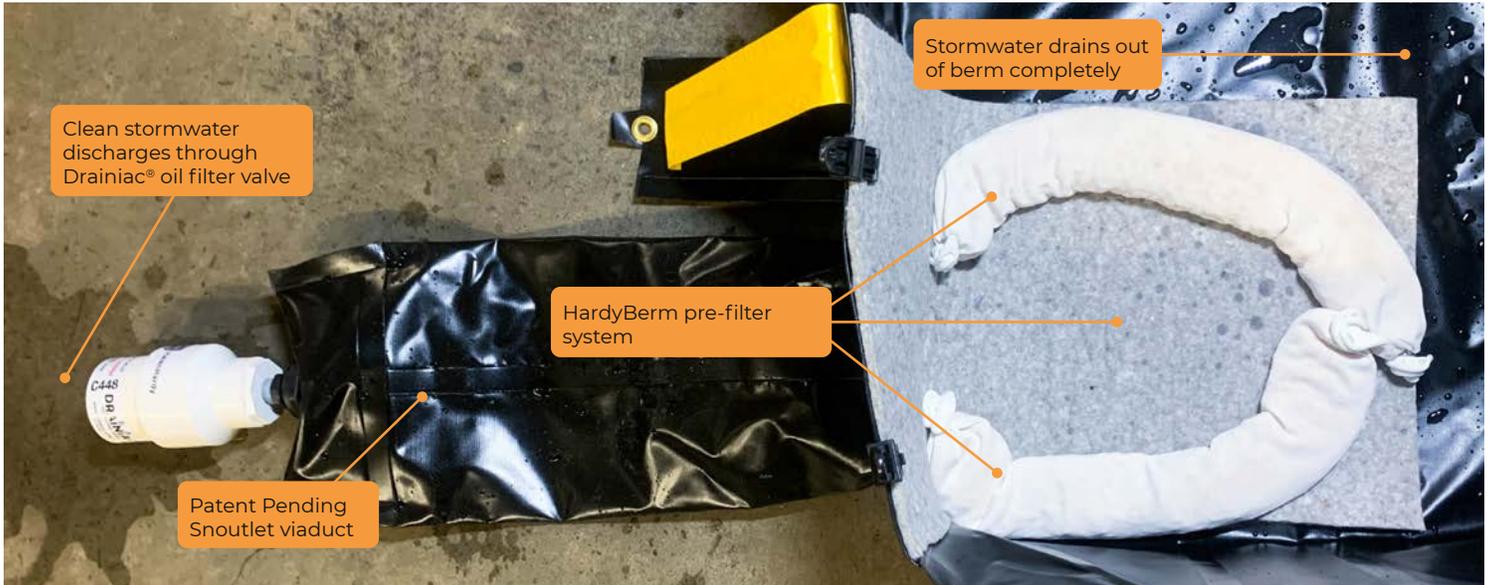
**STEP 2:** Clip **HuskyFlex** to berm wall and place **SiltTrap** socks on top.



**STEP 3:** Attach **Drainiac**® oil filter valve to the end of threaded **Snoutlet**.



**STEP 4:** Clean water filters through. The polymer inside swells up and shuts off the **Drainiac**® valve in case of a spill.



Ground Pads installed underneath the HardyBerm to protect from rock punctures.



Mobile transformers driven into HardyBerm portable containment system.

**HALENHARDY® INNOVATION**

## The Story of the HardyBerm and the Snoutlet

In March of 2021, a large New England-based electric utility asked if we could help them overcome the problem of draining their portable secondary containment units and preventing oily sheen from escaping. Their old containment units had filled partially with rain and snow in the winter; and the water froze, trapping a large transformer. The client was skeptical if we could solve the problem but threw it in our laps anyway.

Listening to their frustrations, we went to work on developing the new HardyBerm with the Drainiac® Snoutlet to allow water to drain and be filtered all the way to the floor level.

**A huge thank you to our customers for bringing us their problems and trusting us to develop a solution!**

A universal problem with portable secondary containment is stormwater buildup inside the berm. And, manually draining the water is an expensive pain in the neck. To compound the problem, most portable berms have a 'bulkhead fitting' on one sidewall of the berm. Unfortunately, all bulkhead fittings are mounted about 2" above the berm floor. So, even when you open the drain valve, you're stuck with a couple of inches of water inside. It's a sloppy breeding ground for insects in warm weather and an ice rink in the winter.

So, we sketched out a better idea. What if we could build in drain passages in all four corners of the berm. Unlike bulkhead fittings, these 'outlet ducts' could drain the rain the whole way down to the berm floor. And the water would run to the lowest corner. We designed the outlet duct to be long enough to extend a few feet beyond the berm wall. This enabled the operator to dig a little trench outside the berm so that the final drain would be BELOW the berm floor.

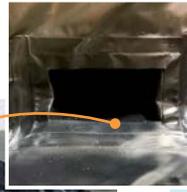
When we looked at the finished product, the outlet ducts looked like an elephant's snout. So, we dubbed it the 'Snoutlet' drain duct. To cap it all off, we installed Drainiac® Petroleum Filter Valves and Pre-Filter Systems on the downhill Snoutlet fitting(s). **The result...hassle-free draining and filtration.**

# The HardyBerm System

**Snoutlet:** allows water to drain completely to the floor. One in each corner to ensure you always have a drain on the low side.



**Drainiac® Petroleum Filter Valve:** connects to Snoutlet and filters sheen from stormwater.



**Prefilter System:** prevents Drainiac® Filter Valve from clogging with debris and sediment.



**SPL145**

## Drainiac® Pre-Filter System for Above-Ground Containment

Includes 4 SiltTrap Socks, 8 HuskyFlex Pre-Filter Sheets, and 4 HardyClips.

HuskyFlex Pre-Filter Sheet	16" x 30" per sheet
Silt Trap Socks	3.5" x 1.5" x 24" per sock
max flow rate	110 gal per min
msrp	\$179 per case



**SPL101-.75MIPT**

## Drainiac® Petroleum Filter Valve for Portable Secondary Containment

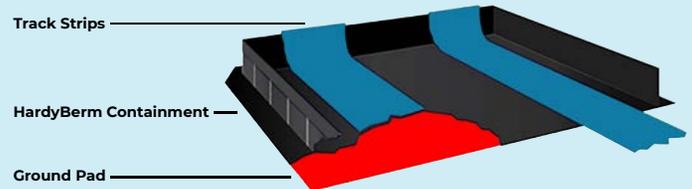
dimensions	3.5" Diameter x 6"L
sold as	each
inlet fitting	.75" male NPT threaded adapter
flow rate	2" to 1" Head Pressure: 56.6 gal./hr. 1" to 0" Head Pressure: 41 gal./hr.
msrp	\$295

## HARDYBERM OPTIONS

dimensions	spill capacity	msrp
6'W x 8'Lx 1'H	359 gal	\$1,356
10'W x 10'L x 1'H	748 gal	\$2,122
12'W x 36'L x 1'H	3,231 gal.	\$4,682
12'W x 50'L x 1'H	4,488 gal	\$6,416
12'W x 60'L x 1'H	5,385 gal.	\$7,708

\* Custom Sizes Available. Call 814-822-2004 for pricing.

## ACCESSORIES



Ground Pads protect your HardyBerm from rock punctures. Track Strips absorb torture from tires. Talk to your Client Success Rep about details at 814-822-2004.

## Want easy drive in and drive out access?



**Try our Combo Berm option.** Combines foam end caps with snap-up side walls, for ultimate convenience. Foam end caps can be continually driven in and out of without any modifications. Plus, they automatically rise in the event of an oil spill.