

## Case Study

## NDS StormChamber™ System

### NDS HELPS HOMEOWNER CONVERT POND INTO RECREATIONAL SPACE

The eclectic town of Englewood, CO, is a draw for many homeowners. Its proximity to major metropolitan areas and mountainous views is an attractive package. Unfortunately though, one new homeowner had a problem. While his new home was nestled on 2.5 beautiful acres with scenic views, he was unable to utilize a portion of his yard due to a drainage issue. A small pond about an acre in size had naturally formed on his property, taking up a valuable amount of space.

With a desire to turn the area into a recreational field instead, the homeowner consulted with a contractor, and then turned to the NDS Design Worx<sup>®</sup> team for help. NDS worked with the contractor and homeowner to propose an appropriate amount of underground water storage. This process ensured there would be no pooling above ground.

#### UNDERGROUND WATER STORAGE SAVES LANDSPACE

After consulting with an NDS drainage specialist and receiving contractor approval, an integrated system that could capture 5,880 cf. of water was installed. It included 50 NDS StormChamber™ System units, two 24-inch catch basins as well as two SedimenTrap™ Devices. The traps are designed to fit perfectly into the first and last row receiving water in the storm chamber to help capture any sediments or pollutants brought in by stormwater.

The use of a filtration system on both ends of the NDS StormChamber System is what makes it one of the most unique yet effective stormwater systems in the marketplace today.



#### INSTALLATION DONE IN RECORD TIME

With a robust support team and a product that features fewer components than competitive products, the homeowner experienced a quick and easy installation – it only took three days from start to finish. He now has a beautiful yard and the freedom to use it however he chooses and he doesn't have to worry about extensive upkeep since the system requires less maintenance than competitive products.

### PROJECT SUMMARY

<b>PROJECT TYPE</b> Storage & Infiltration	<b>PROPERTY</b> Residential
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**STAKEHOLDERS**  
303 Landscaping

**NDS PRODUCTS USED**  
50 qty. StormChamber™ System units  
2 qty. SedimenTrap™ Devices  
2 qty. 24" Catch Basins

*"This was our first time installing these storm chambers and the support that we received from NDS made the whole process smooth and worry-free."*

*- Peyton S., Owner*