

Back Side Hayes Run

5/1/2008

Bill had DEP BD crew at site 1 – 2 weeks ago because the site appeared to be malfunctioning. Using a power water jet sewer snake, they cleaned out all the manholes and the 6" feed lines from the manholes to the SAP's. Also sealed and replaced the manhole lids/covers. There has been vandalism at the site. 4 wheelers have ran over and broke clean out ports on the feed lines, perforated raisers in the drainline under the waterway, and the ends of inlet pipes into the SAPs.

Elbows were still on the overflows from the manholes and filled with water to exclude oxygen. Water was within a few inches of overtopping one of the SAPs indicating an urgent need to flush the SAPs. There were at least three location on the banks of the wetland pond with muskrat damage (caved in channels). Water was high enough in the wetland that muskrats would not longer borrow since there would not be enough fill above water line. Rock channel from the sed basin to the wetland was full of grass and sludge to the point it was over topping in the middle.

Flow in one weir #1– 200, in #2 – 240. Water in sed basin was very blue. Bill had tested water and said pH was 6.9-7 and Fe was .2 ppm.

Showed Bill where all valves were located and explained flushing sequence. Will try and go to site with Bill next week to flush system. Bill had ProChem make a handle for stop log removal. It did not work that well. Discussed needed improvements. Also suggested Bill order a couple of handles from AgriDrain, he agreed. I will get info for him. He will need to use my wrench to open Back Side Hayes Run. I left him my wheel handle and extension and told him he would have to have one made so I could have mine back. Told him to call Manno for handle and to go to Dinsmore in Kersey to have extension made.

-----GSwope 5/1/2008

5/6/2008

Bill had drew wetland and settling basins down on 5/5/2008. He returned to site at 7:30 A.M., closed the settling basin valve and opened the 3 SAPS valves. I arrived at 8:30 and all flush pipes were running clear. Proceeded to Kyler and then back to Bill's lab to get wrench for Kyler. Returned to Backside around 11:00. Water in Saps 1 down about 1' and in SAP 2 down about 2'. Settling basin close to overflowing. Water about 1"-2" deep over concrete flumes and breaking out of the rock w/w between settling basin and wetland. W/W clogged with grass and needs maintenance. Closed the SAPS flush valves.