

## *Underdrain Inspection on April 4, 2020 – Clay and Russ*

**Link to: [Several Maps for the underdrains, all located on SSSF private Homeowner property.](#)**

(Also see online maps for manhole locations: <https://www.silverspringscommunity.com/underdrain-system/underdrain-system-maps/> )

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Outflow through SSSF streams is at approximately 50% capacity. Water is running slowly. Utah 2020 weather broadcasts are for another hot, dry summer. Statewide below average water flow.



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March 25, 2020 Hunt, Russ, Chris checked manholes 7A, 10A, 11A. Found broken pipes and damage that can only be explained as being done by ProPipe the vacuum pipe company that has been doing the underdrain tube clean-outs. The plastic pipes are showing age, some areas are thin and fragile as old parchment paper. They talked to Mike Collette (Lot 67) he reported he has not had crawlspace water issues since manhole 8A was installed between his lot and Lot 68 circa 2017.

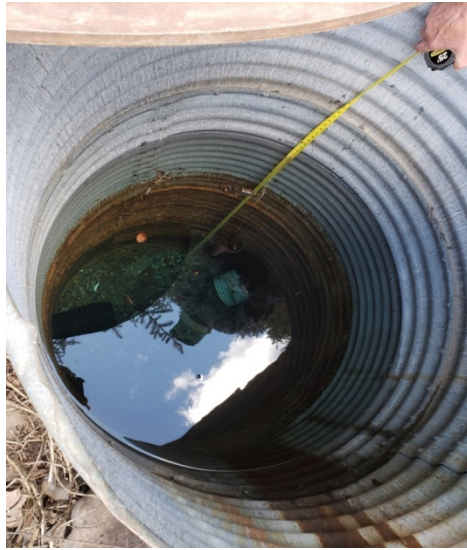
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Lot 25 **MH 11A** shows less than 50% flow, water height does not cover the 6" diameter plastic hoses.



This manhole **11A** should be taken off the inspection and clean-out list. **Very little activity.** The black corrugated tube is loose at the bottom of the conduit, broken off by Pro-Pipe during inspection.

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*Lot 54 **MH 10A** water level is about 82". By May 4th it was down to 20" level. Today due to a high inflow source, possibly an artesian spring, between Lot 25 MH 11A and between Lots 26 and 27. There existed a creek between those two lots that was filled in sometime between 1987 and 1994 according to aerial maps from those years, and several neighbors' recall.*

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***MH 8A** located between Lots 67 & 68, near the curb, flows north (to lower elevation) from MH10A to 8A; also from MH 7A on Lot 87, flows east to MH 6A; MH9A between Lots 70 and 71 joins MH 7A and 6A to then flow together into the exit drain pipe into Willow Creek.*

*MH 9A between lots 99 and 88 also flows into the junction of MH 7A following flow through MH 6A.*

*Our inspection of this exit drain shows normal flow, about 1" to 2" above pipes, approximately 10" of water. Roots are visible extending out of the 8A MH perforated pipe at the bottom of the steel conduit.*

*Inspection also noted the individual Homeowner sump pump hoses are not in use this year. The paucity of snow melt and rainfall made for a drier winter and spring than usual. Eight years of drought trend.*





**(Left ) MH 7A** Lot 88. In backyard .

water through a PVC pipe into Willow Creek, no reduction or increase in and out of this drain this year.



**(Right) MH 6A** on Lot 87 *discharges collected*



Leaving MH 6A, water outflow through PVC drainpipe under East Meadows Dr., then between Lots 105 and 106, moves water to Willow Creek.

Summit County in 2019 recorded a Plat Amendment that changed the configuration of Lots 87, 88, 89.

