

Midway City Council
4 February 2020
Regular Meeting

Reimbursement for Damage /
1206 North Cottage Way

To: Midway City Council
From: Wes Johnson, City Engineer



HORROCKS
ENGINEERS

Date: February 4, 2020

Memorandum

Subject: Basement Flooding at the Barry & Camille Hillam Home, 1206 North Cottage Way

During March of 2019 Midway Sanitation District, (MSD) was notified that sewer was backing up into a basement located at 1236 North Homestead Drive. The home is owned by the Hanson's and is located on Homestead Drive just down from the Wasatch Mountain State Park Visitors Center. See the attached map. As the District was addressing the sewer back-up it was noticed that groundwater was leaking into a manhole on Homestead Drive just above the Hanson's home. It was estimated that the leak was approximately 100 gpm. It was determined that the surcharged sewer lateral was due to a main sewer line plug.

On April 1 MSD repaired the approximately 100 gpm leak within the manhole. The leak was at a depth of approximately 7' deep. After several days it was noticed that the manhole was now leaking at a depth of approximately 4'. The second leak was repaired on April 9. The Hillam's recently submitted a complaint form to Midway City. From reviewing the Hillam's complain form they state; "April 10, 2019 Discovered Family room carpet saturated with 1" or more of water around 10 pm. Water also coming into bedroom and heading towards hall. Turned off water to the home." The Hillam's immediately began to address the basement flooding issues. On April 19 the Hillam's contacted Midway City to ask if the City had any leaking water lines within the area. Midway assured the Hillam's the water entering their home was groundwater and not from a leaking culinary water line.

During the month of May I was informed by our staff that a basement across the street from the Hanson's home, and directly behind the repaired manhole was experiencing groundwater entering the basement. I wasn't completely surprised having seen the groundwater that was coming into the manhole behind the Hillam's home. I asked our staff to stay informed about the flooding and to let the homeowner know we'd be happy to meet and see if we could help in any way.

In late June I was asked by the Mayor if I would go with her and Cory to meet with the Hillam's. As we went to the basement of the home carpet was removed from two rooms, approximately 2' of concrete was removed adjacent to a perimeter wall, drain rock had been installed in the new trench and two sumps were installed and pumping to outside the home. A section of sheetrock, approximately 2' high, was also removed from the perimeter walls.

Early on in the conversation it was noted that a member of the Public Works had taken a water sample from inside the basement and it tested positive for chlorine. Since chlorine is only injected within a public water system and not found in groundwater, it was apparent to us that the flooding issues were from our culinary water system. Cory indicated that the City had found a leaking City waterline near a fire hydrant just up the street. Mrs. Hillam indicated that within days of the waterline being repaired the flow of water into the basement stopped.

At that time, we indicated to the Hillam's that it was clear to us the source of groundwater was from the City's leaking waterline. We indicated that it would be a Midway City Council decision if financial reimbursements would be made by Midway City.

Please let me know if you have any questions.

728 West 100 South Heber City, UT 84032 Telephone (435) 654-2226



Hanson Home

Manhole

Fire Hydrant

Hillam Home

Flooding Costs from Barry & Camille Hillam
Basement Flooding Breakout

Disaster Plus Restoration	\$1,500.00
Above and Beyond Remodeling	\$2,943.00
Ogden's Flooring	\$10,267.81
Pumps, Shop-Vac, Hoses, & Misc., Walmart	\$47.71
Pumps, Shop-Vac, Hoses, & Misc., Home Depot	\$287.37
Pumps, Shop-Vac, Hoses, & Misc., Home Depot	\$116.90
Pumps, Shop-Vac, Hoses, & Misc., Home Depot	\$108.29
Pumps, Shop-Vac, Hoses, & Misc., Ace Hardware	\$21.26
Pumps, Shop-Vac, Hoses, & Misc., Home Depot	\$105.11
Arlyn Whipple Plumbing	\$2,300.00
Arlyn Whipple Plumbing	\$3,900.00
Hour Reimbursement, 296 hr. @ \$10/hr.	\$2,960.00
Estimated wear to Washer & Dryer	\$600.00
Increased Power Bill for April, May, & June	\$245.55
Total Expenses	\$25,403.00