

02-a

MEMO

TO: Ramsey City Council  
FROM: City Engineer  
RE: Summary of High Water or Flooding  
DATE: October 18, 1985

As requested at your October 10, 1985 council meeting, I have assisted Merle Mevissen and Councilman Gary Reimann in the purchase of a pump and piping. The total cost of the equipment was \$9,691.00 as shown on the attached invoice. The pump was delivered on October 16, 1985 and pumping commenced in accordance with the attached pumping schedule. In addition, I have acquired or am in the process of acquiring waivers of trespass and DNR permits for the pumping.

Following is a summary of the problems shown on the high water map which were not scheduled for pumping at this time:

1. Glen Berg, 5651-164th Lane: This problem consists of surface water accumulating on the northeast corner of the lot. This problem will be minimized when a swale is constructed to the drainage pipe by the golf course developer.
2. Karen Osc, 7750-152nd Lane N.W.: This problem consists of a walkout basement located on a low lot. The City crews have pumped this area and plugged the culvert. However, due to the high ground water and rainfall, this problem keeps reoccurring.
3. George Cowles, 9539 Highway 10: This problem is a surface water problem caused by the new building constructed by Christian Builders. I have informed the developer he will have to resolve the problem prior to occupancy.
4. Tony Karst, 16312 Marmoset St. N.W.: This problem consists of a walkout basement constructed on a pond below the overflow to the pond. City crews have pumped this pond several times to alleviate the problem.
5. Mike Villeneuve, 6230-177th Lane N.W.: This problem consists of water ponding in the back yard of Mr. Villeneuve's lot. Mr. Mevissen has reviewed this problem.
- 6&7. Ruth Thompson & Dan Hawkes, 164th Lane: These houses are constructed next to a Type IV wetland. The ponds have been lowered to the normal water level. However, the drainfields are constructed at or near the normal water level. I have contacted the golf course developer and they have agreed to lower the pond levels another six inches.

*Balen*

8. John Lenz, 16234 Jarvis St. N.W.: This problem is located in Elk River. I have discussed the problem with the City of Elk River and stated that they should resolve this problem. The solution may require constructing a drainage ditch from the City of Elk River to Trott Brook in Ramsey.
10. Helen Nebelung, 17675 Argon St. N.W.: This problem is a combined surface and groundwater problem. A culvert across Argon Street outlets into Mrs. Nebelung's lot and drains toward her drainfield. With the heavy rainfall and high water table, her drain field and septic tank have backed up into her basement. A possible solution to minimize the problem would be to swale the drainage from the culvert away from the drainfield. This would require easements.
- 12,14  
&17. Highway 10 Area: Skelgas is currently pumping groundwater from their lot across Highway 10 to alleviate their flooding problem. Based on piezometers in the area, the water table is four feet higher than July, 1985. We have also installed piezometers south of Highway 10 and it appears that the groundwater has a steep gradient toward the Mississippi River.
13. Floyd Larson, 18025 Erdium St. N.W.: This problem is caused by the high water level in Ford Brook. The City started a project and provided an outlet to Ford Brook for Mr. Larson two years ago. Due to wet conditions, the final grading has not been completed.
19. Arla Voltin, 6410-162nd Ave. N.W.: This problem is a combined surface and groundwater problem. A city culvert drains into this lot towards the drainfield. With the heavy rains and high water table, her drainfield and septic tank have backed up into her basement. Swaling the drainage from the culvert away from the drainfield may help to minimize the problem.
20. Ronald Lange, 14930 St. Francis Blvd. N.W.: We will be pumping the pond on the east side of T.H. 47. I contacted Mrs. Lange and informed her of the pumping. I also told her we could not pump her side of T.H. 47 because there was not a culvert crossing.
26. Zirconium St. N.W.: This problem consists of water on the edge of the street.
27. Ralph Lenarz, 4925-179th Lane N.W.: Flooding of the Lenarz's basement is caused by high groundwater.

*City Agreement  
easement  
etc*

*City Agreement  
easement*

28. Glen Zettervall, 7601-163rd Lane N.W.: Mr. Zettervall's problem is caused by the high surface water and groundwater in the area. County Ditch No. 66 is partially plugged and has not been able to provide adequate drainage to the area. I told Mr. Zettervald that the City may be able to do some pumping if we could find a suitable place to setup the pump and discharge pipe.

In addition to the above, I have been contacted by three additional residents with water problems. They are as follows:

- A. Mrs. Klisch, Lot 14, Block 4, Whispering Pines Estates: She is concerned with the high water in the park south of her lot.
- B. Crystal Androli, Lot 3, Block 7, Barthel's Rum River Acres: She has water in her basement and problems with her drainfield. Her problems are caused by high groundwater.
- C. Gary Hawks, Lot 4, Block 6, Barthel's Rum River Acres: He has had water in his basement and problems with his drainfield due to high ground water and surface water. Mr. Hawks stated he would allow the City to drain the ponding area behind his house and would like to have the ditch on the east side of his lot cleaned.

*Open  
Ditch on  
East +  
discharge*

PROPOSED PUMPING SCHEDULE  
CITY OF RAMSEY

<u>Map Numbers</u>	<u>Area</u>	<u>Pumping Dates</u>
11	Hall Anderson Acres	Oct. 15, 1985
15,16,21,22	Pineview Estates	Oct. 16-18, 1985
9,23	Peltzer Addition	Oct. 21-23, 1985
25	Magnesium Street	Oct. 24 - Nov. 1, 1985
18,24	Gorhams Sandy Acres	Nov. 4-8, 1985