**Noonan, Terry**

**From:** Terry.Noonan@Co.Ramsey.MN.US

**Sent:** Tuesday, July 07, 1992 10:37 AM

July 7, 1992

Doug Thomas

Minnesota Board of Water & Soil Resources

155 South Wabasha St., Suite 104

St. Paul, MN 55107

Dear Mr. Thomas:

SUBJECT: Ramsey County Ditch Inventory

Attached is a summary of available information relating to ditches

remaining within the authority of Ramsey County. This information is

submitted to the BWSR in fulfillment of legislative requirement L 90,

C 601, S 27. The maintenance of almost all County ditches has been

transferred as a result of petitions received from various watershed

districts and water management organizations, specifically:

 Ditches 1, 2, 3, 4, 5, 8, 11 and 12 to the Rice Creek Watershed

 District, February 4, 1974;

 Ditches 6, 7, 16, 17 and 18 to the Ramsey Washington Metro

 Watershed District, March 7, 1983.

 Ditch 13 and Ditch 14 to Vadnais Lake Area Water Management

 Organization, September 26, 1986;

The remaining ditches under County jurisdiction have both required and

received limited maintenance attention. For this reason, relatively

little information requested in the Public Drainage Ditch Inventory

Form is available for these ditches. I have included a general

watershed map for each ditch, as well as a short summary of current

condition and maintenance history.

Ditch 10

A reconnaissance survey indicates that the historic ditchline (solid

line on attached map) through much of this low-lying area has been

overgrown and is no longer evident. A deep and wide depression runs

to the north of Margolis Nursery and then south along Galtier St.,

which may represent a remnant ditchline segment, although it does not

appear to be water-bearing at present. The most obvious current flow

pattern in the area includes a ditchline running to the east, parallel

to and approximately 50 ft north of Larpenteur Ave. (shown on map

using arrows). Water is then piped south across Larpenteur to a pond

near Hoyt Ave.

Maintenance needs identified in the survey include an obstructed 24

inch CMP south of Larpenteur Ave. near Cumberland St. and a sand mound

near a small ponding area north of Larpenteur Ave. which diverts water

flow to the east and away from the low area to the north.

This ditch was constructed in 1912 through a wetland area. No active

record exists of maintenance efforts although an estimate for cleaning

of the ditch was made in 1943. Ditch 10 is included in drainage

district #9 of the Roseville stormsewer plan dated 1962. No

stormsewers were planned for this area and the plan states that

drainage was to be maintained by existing ditches to the combined

sewer system to the south.

Ditch 9

A Shoreview stormsewer study dated December 1971 included plans to

pipe the ditch section from Hodgson Rd. and County Road G-2 to

existing pond B-P-1 near the present Shoreview Community Center. The

pond outlets south under Highway 96 to Snail Lake. This work was

completed in 1976. The Shoreview City Engineer states that the ditch

is now maintained by the city as a stormsewer. The watershed and

historic ditchline, which was originally constructed in 1911, are

indicated on the attached map. No maintenance records are available

in active County files.

Ditch 19

The ditch consists largely of open channels lying within an existing

wetland, which is incorporated into the Roseville park system. A

ditch section along Victoria St. extends northward under County Road C

to a wetland area adjacent to Lake Owasso (see attached map). A

pumping station was constructed near Bennett Lake in March 1972, which

removes water from Bennett and dumps it into the ditch on the east

side of Victoria St. The attached watershed map does not identify the

contributing drainage area to Bennett Lake. The ditchline extends

eastward along a ballpark constructed on wetland fill with two major

linear projections to the south. A bermed walkway extends along the

ditch channel between Victoria Rd. and Dale St. The ditch continues

under Dale St. to the east where a timber walkway has been constructed

through a large wetland area as part of a Roseville nature center.

A survey of the ditchline revealed a few areas in which deadfall tree

litter had accumulated in channelized sections, without creating an

obvious impediment to water flow. The only available information on

maintenance of the ditch in active files was a recommendation for

cleaning of the section between Dale St. and Lake Owasso. Roseville

staff indicate that some maintenance work on the ditch was done,

possibly as part of a County Road C construction project in 1973.

Some playground flooding was reported near Lake Owasso in November

1977.

If I can provide additional information relating to the ditch

inventory, please contact me at 482-5230.

Sincerely,

Terry Noonan

Project Manager - Water Resources

enclosure