

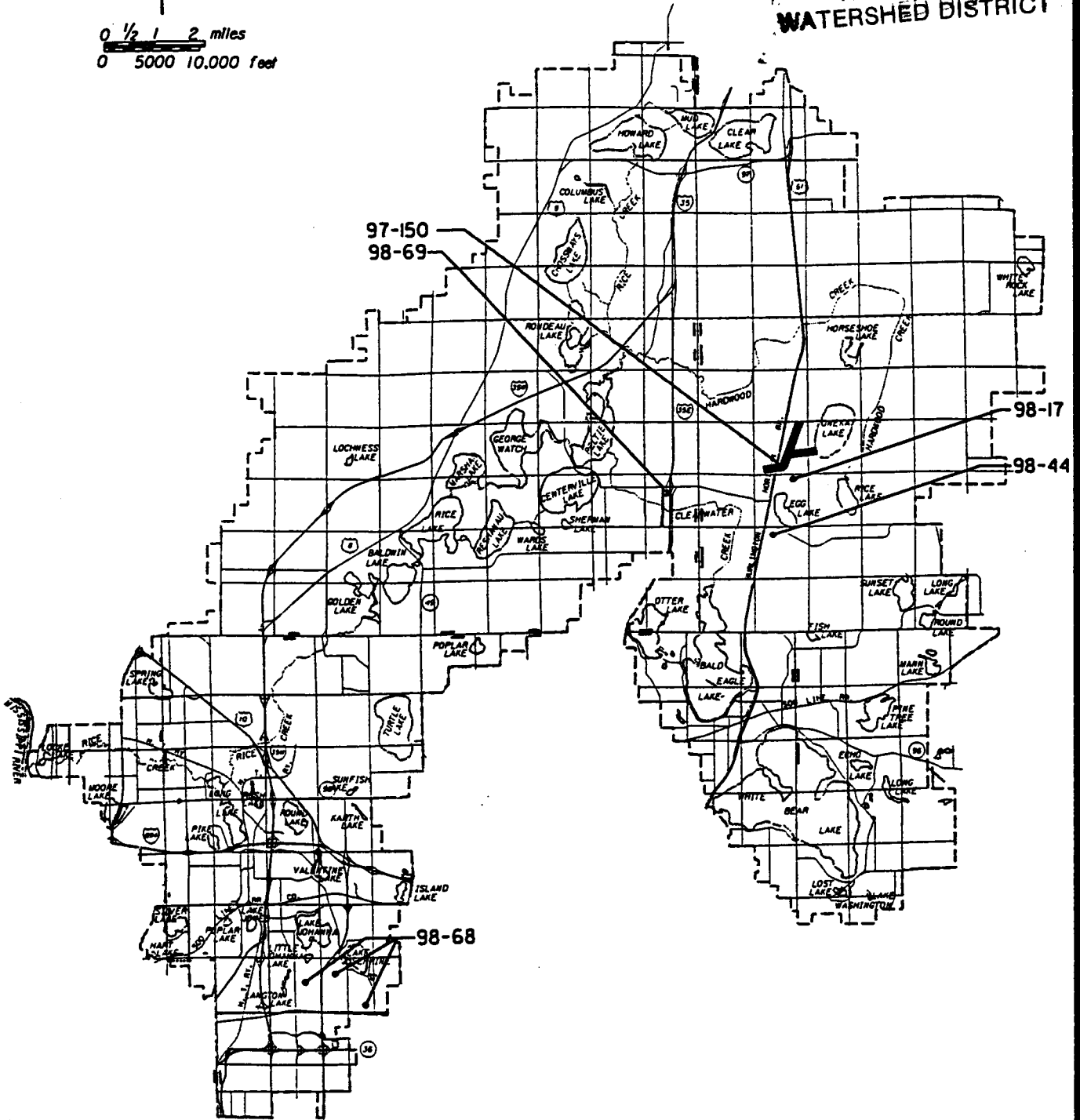
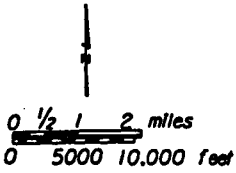
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RICE CREEK
WATERSHED DISTRICT

6-10-98 MTG

RECEIVED
JUN 12 1998

RICE CREEK
WATERSHED DISTRICT



MONTGOMERY WATSON

Minneapolis, Minnesota

Permit Application No. 97-150: Successful Bidder, City of Hugo
(To be Selected)

TAB
TWAFAA

Recommendation: Table ~~with administrative information~~ pending receipt of:

- ① RESOLUTION OF EAW PETITION.
1. ~~Construction plans for the outlet.~~
 2. ~~Erosion Control Plan.~~
 - ② 3. Further review of hydrologic model.
 - ③ 4. Permit Application signed by Successful Bidder.
 5. ~~Further review of raised invert of proposed 165th ditch control structure.~~
 - ④ 6. Cash surety in the amount of \$10,000.

Location: Oneka Lake and a lateral to the north branch of Clearwater Creek (Anoka/Washington Judicial Ditch 3).

T-R-S: 31-21-8 d, 31-21-16 cb, 31-21-17

Purpose: Approval of a Culvert Construction and Ditch Maintenance Plan for construction of a westerly Oneka Lake outlet and maintenance to 15,000 feet of a lateral to Clearwater Creek.

- Exhibits:
1. Permit Application, unsigned, undated, received November 7, 1997.
 2. Construction plans (9 sheets) prepared by WSB & Associates, last revised February 19, 1998, received February 24, 1998.
6/2 6/4
 3. Project narrative prepared by WSB & Associates, dated November 6, 1997, received November 7, 1997.
 4. 165th Street drainage ditch improvements photo narrative, undated, received November 7, 1997.
 5. "Response to Comments" narrative and exhibits prepared by WSB & Assoc. dated February 19, 1998, received February 24, 1998.
 6. Meeting minutes prepared by WSB & Assoc., dated May 19, 1998, received May 19, 1998.

6/5/98
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Permit Application No. 97-150: Successful Bidder, City of Hugo
(To be Selected)

7. Adjoining landowners list, undated, received November 7, 1997.

Findings:

1. Project involves construction of a westerly outlet from Oneka Lake. The new outlet will flow to a lateral to the north branch of Clearwater Creek (Anoka/Washington Judicial Ditch 3) which is to be maintained from 165th to Clearwater Creek (north branch) through channel excavation to facilitate drainage.
2. In 1986, the RCWD received a petition for a drainage outlet on Oneka Lake in an effort to relieve high water levels thought to be caused by blockage of the southeasterly ditch outlets. Several outlet locations were analyzed with the easterly outlet to Hardwood creek chosen for construction. Appraisals and engineer's reports were done for the construction of this outlet, however, the project was dropped by the petitioners and never constructed.

In 1984, the DNR established an OHW for Oneka Lake at 931.2.

3. The proposed Oneka Lake outlet will consist of an 18-foot weir with an elevation of 931.0 which is the elevation that the DNR estimated the southeasterly ditch outlet to be at prior to its being filled in the late 70s to early 80s. The proposed discharge rate is 5 cfs for the 100 year 10-day storm event. The lake currently partially flows west via overland flow. Any wetlands dewatered as a result of this outlet would be WCA exempt under Incidental Wetland Exemptions.
4. Concept plans did not discuss the wall thickness of the outlet structure nor buoyant forces acting on the structure.
5. Approximately 15,000 feet (from 165th Street to confluence with Clearwater Creek north branch) of a private lateral to the north branch of Anoka/Washington Judicial Ditch 3 (Clearwater Creek) will be maintained through channel excavation and culvert replacements/repairs to facilitate drainage and provide additional on-line storage for this subwatershed. Additionally, approximately 1,000 feet of channel work will be adjacent to DNR protected wetland 242W. The proposed outlet control structure for this ditch is designed for a normal water elevation of 926.5 with an overflow swale at 929.5 to prevent dewatering of the wetlands.

6/5/98
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Permit Application No. 97-150: Successful Bidder, City of Hugo
(To be Selected)

6. This Permit Application was tabled on November 25, 1997 for wetland, flow direction, and conveyance issues. The Board tabled it again on May 27, 1998 for further review of outlet structure configuration, ditch maintenance specifications, and further review of flow impacts from Oneka outlet. No submittals were received since the May 27, 1998 meeting.

Board Action:

7. A PETITION REQUESTING AN EAW FOR THE PROJECT WAS RECENTLY RECEIVED.

6/5/98
DSK

Recommendation: Table with authorization for administrative action pending receipt of:

1. A Revised Erosion Control Plan specifying ^{clearly} ~~silt fence around grading limits, an implementation plan, and revegetation specifications.~~ ^{LIMITS OF GRADING.}

2. Cash surety in the amount of \$5,000, ^{REC'D 6/8/98 FROM} NORTH SUBURBAN DEVELOPMENT, INC.

Stipulation: This permit phase covers rough grading only. All site work shall avoid wetlands and is at the Applicant's risk regarding potential subsequent Land Development Plan modifications.

Location: Oneka Lake Boulevard 2,500 feet east of Highway 61, Hugo.

T-R-S: 31-21-17 ddc and 31-21-20 aab

Purpose: Approval of a Rough Grading Plan for a multifamily residential development to be known as Oneka Lake View, 82 lots, 19.7± acres.

- Exhibits:
1. Permit Application, dated March 2, 1998, received March 3, 1998.
 2. Grading, Drainage, and Erosion Control Plan prepared by North Suburban Development, Inc., ^{L.R. 6/8} ~~dated February 25, 1998, received May 27, 1998.~~ ^{6/8/98.}
 3. Preliminary plat prepared by North Suburban Development, Inc., dated February 23, 1998, received March 3, 1998.
 4. Utility Plan prepared by North Suburban Development, Inc., dated February 25, 1998, received March 3, 1998.
 5. Drainage analysis and calculations prepared by Ken Gust Enterprises, dated February 26, 1998, received March 3, 1998.
 6. Alternatives analysis prepared by Ken Gust Enterprises, dated February 25, 1998, received March 3, 1998.
 7. Pre-permit investigation letter prepared by the RCWD, dated January 5, 1989, received March 3, 1998.

6/5/98
CEA

Permit Application No. 98-17:

Marvin and Yvonne Christianson

8. Wetland Delineation Report prepared by Earth Science Associates, Inc., dated May 1998, received May 14, 1998.

9. RCWD Permit Files 97-04, 90-149, 89-85, 89-37, and 81-109.
(SURETY)

Findings:

1. Project involves construction of townhome development to be known as Oneka Lake View on a currently undeveloped site. This permit phase is for rough grading only. Questions have arisen recently regarding the initial wetland delineation and the presence of additional on-site wetlands; site work under this phase will avoid all wetlands.

2. An Erosion Control Plan has been submitted specifying silt fence downslope of most graded areas. A revised Erosion Control Plan ~~will be required~~ specifying additional silt fence surrounding proposed grading limits, an implementation schedule, and revised specifications.
HAS BEEN SUBMITTED

3. This permit was tabled on March 25, 1998 for many issues. The Applicant applied at the May 27, 1998 Board meeting for a Rough Grading Plan approval; the Board denied the request with the permit to be reviewed on the June 10, 1998 agenda.

Board Action:

6/5/98
CEA

Permit Application No. 98-44: Joint: Grace Waugh and Scott Montgomery TWAFAA

Recommendation: Table with authorization for administrative approval pending receipt of:

- ~~1. WCA wetland mitigation 24 hour detention time calculations for 2 year, 24 hour storm.~~
1. ~~2.~~ Identification of compensatory floodplain storage location (eliminating "double counting" of pond volumes, if proposed).
2. ~~3.~~ Incorporation of well-defined swale between west pond outlet and created wetland.
3. ~~4.~~ Cash surety in the amount of \$4,000.

- Stipulations:
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
 2. The Notice of Use Restriction and Maintenance Responsibility for the replacement wetland shall be properly filed and recorded prior to any wetland fill activity.
 3. The permittee shall submit a monitoring report on the replacement wetland to RCWD which includes the information specified in Minnesota Rules 8420.0620 each year for five years following completion of the replacement wetland. The report shall be submitted no later than November 15 of each year.

Location: South of 140th Street N. and approximately 500 feet east of Highway 61 east, Hugo.

T-R-S: 31-21-29 ba

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a multifamily residential development to be known as Waugh's Preserve, 63 lots, 10± acres.

6/5/98
DSK

Permit Application No. 98-44:

Joint: Grace Waugh and Scott Montgomery

- Exhibits:
1. Permit Application, dated April 7, 1998, received April 10, 1998.
 2. Preliminary Grading Plan prepared by Passe Engineering, Inc., last revised May 26, 1998, received June 2, 1998.
 3. Preliminary plat prepared by Passe Engineering, Inc., last revised May 26, 1998, received June 2, 1998.
 4. Preliminary Utility Plan prepared by Passe Engineering, Inc., last revised May 26, 1998, received June 2, 1998.
 5. Wetland Replacement Plan and sequencing narrative prepared by Passe Engineering, Inc., dated April 8, 1998, received April 10, 1998.
 6. Runoff calculations prepared by Passe Engineering, Inc., dated April 3, 1998, received April 10, 1998.
 7. Copy of MPCA NPDES permit application, received May 26, 1998.
 8. Narrative addressing incorporation of volume controls prepared by Passe Engineering, dated May 26, 1998, received May 26, 1998.
 9. Groundwater level narrative prepared by PEC, Inc., dated June 2, 1998, received June 2, 1998.
 10. Floodplain fill calculations prepared by Passe Engineering, Inc., dated June 1, 1998, received June 2, 1998.
 11. RCWD Permit Files 93-98, 91-86, 91-22, 90-116, 90-60, and 89-16.

- Findings:
1. The project includes construction of a multifamily residential development on a currently undeveloped site to be known as Waugh's Preserve. Approximately 1,050 feet of 32 foot wide roadway and 1,150 feet of 24-foot wide roadway will be constructed to serve the development.
 2. 95% of roadway runoff will be conveyed to two new on-site detention ponds and a wetland mitigation basin which collectively provide rate control and water quality in accordance with District standards.

6/5/98
DSK

Permit Application No. 98-44:

Joint: Grace Waugh and Scott Montgomery

3. A private lateral to Branch 2 of Clearwater Creek flows north along the northeast edge of the site. The north overflow of 140th Street (County Road 8A) is 929.2 (FEMA Floodplain Sector A). Floodplain fill mitigation will be required.

The highest flood level of the on-site ponds is 930.0. The current lowest first floor elevation is 932.0. Basements are proposed for Lots 3 - 14, Block 2 with a minimum floor elevation of 931.5, satisfying the District's 1-foot emergency overflow freeboard requirement.

4. Approximately 2,083 square feet of Type II wetland will be filled as part of roadway construction. Mitigation entails construction of a wetland basin adjacent to existing wetlands for a total new area of 4,712 square feet, satisfying WCA's 2:1 replacement ratio. Calculations demonstrating 2-year storm, 24-hour detention time in the upstream (westerly) detention pond have been submitted.
5. A revised Erosion Control Plan has been submitted specifying silt fence between roadways and created wetlands and ponds, as well as riprap at storm sewer outfalls.
6. A preliminary plat has been submitted granting easements over all on-site ponds, wetlands, and floodplain.
7. Proposed volume controls include elimination of two buildings, street width reduction, ponds with sandy bottoms, and roof drains to pervious surfaces for overland runoff.
8. Test pits identified groundwater elevations ranging from 919.4 to 94.9. The minimum first floor elevation is 932.0.
9. Projects adjacent to the site: Permits 91-22, 90-60, and 89-16 were issued for Hugo Meadows South; Permits 93-98 and 91-86 were for County Ponds; and Permit 90-116 was issued for the Nadeau Market.
10. This Permit Application was tabled on May 27, 1998 for issues relating to floodplain, wetland mitigation, and surety. The Board agreed to review this permit on the early consent agenda at the May 27, 1998 meeting.

Board Action:

6/5/98
DSK

Permit Application No. 98-68: Successful Bidder, City of Roseville
(T. A. Schifsky & Sons)

TWAFAA

Recommendation: Table with authorization for administrative approval pending receipt of:

1. Permit Application signed by T. A. Schifsky & Sons.
2. ~~Narrative addressing potential retrofit water quality opportunities at:~~
 - ~~Northwest corner of Civic Center Drive and County Road C at Ice Arena~~
 - ~~Adjacent to East Snelling Service Drive (stations 0+260 m and 0+670 m)~~
 - ~~Intersection of East Snelling Service Drive and Glenhill Road.~~
3. ~~Sedimentation sump detail, UNDATED, REC'D 6/8/98.~~
4. ~~Sump inspection and maintenance intervals.~~

② 5. Erosion Control Plan for activities in proximity to wetlands and Lake Josephine.

③ 6. Cash surety in the amount of \$3,000.

STIPULATION: THE SHOREWOOD LAKE SUMP WILL BE INSPECTED TWICE PER YEAR + MAINTAINED AS NECESSARY.

Location: Twelve various roadways south of Little Lake Johanna and Lake Josephine, Roseville.

T-R-S: 29-23-3,4

Purpose: Approval of a Roadway and Utilities Plan for improvements to approximately 3.2± miles of roadway.

- Exhibits:
1. Permit Application, unsigned, undated, received May 15, 1998.
 2. Civic Center Drive Construction Plans (14 sheets) prepared by the City of Roseville, dated August 12, 1997, received May 15, 1998.
 3. Construction Plans (42 sheets) prepared by the City of Roseville, dated March 26, 1998, received May 15, 1998.
 4. Project narrative prepared by the City of Roseville, dated May 15, 1998, received May 15, 1998.

→ ⑤

6/5/98
DSK

Permit Application No. 98-68: Successful Bidder, City of Roseville
(T. A. Schifsky & Sons)

① WATER QUALITY
NARRATIVE PREP'D
BY CITY OF ROSEVILLE;
DATED 6/8/98, REC'D
6/8/98.

② S.
③ B.

Shorewood Lane runoff calculations prepared by City of Roseville, dated May 15, 1998, received May 15, 1998.

RCWD Project Review File 89R11, & CSMP 87C01.

Findings:

1. The project involves reconstruction of Shorewood Lane, East Snelling Service Drive, Arona Street, Pascal Street, Albert Street, Simpson Street, Maple Lane, and Civic Center Drive, as well as milling and repairs to County Road C2, Sentinel Drive, and East Snelling Service Drive.

A total of 2.2 miles will be reconstructed and 1.0 miles will be rehabilitated as part of the project.

2. Drainage patterns will be unchanged as a result of the project as new storm sewer consists of new or repaired collection systems. ~~Several areas discharging to lakes or wetlands appear to have retrofit water quality opportunities (Civic Center Drive and East Snelling service drive). STREET WIDTHS ARE NOT INCREASING FOR RECONSTRUCTION PORTIONS.~~

An existing storm sewer discharging from Shorewood Lane to Little Lake Johanna will be reconstructed with an 8-foot diameter by 13-foot deep sump basin ~~constructed at the outfall~~ for sediment collection. All other streets are within currently fully developed areas and water quality retrofit opportunities are infeasible.

3. No wetlands will be filled or dewatered as a result of this project.
4. Several other roadways included in this project are located outside of the RCWD boundaries and were not reviewed.
5. Shorewood Lane between Lydia Avenue and Shorewood Curve was reconstructed under RCWD Project Review File 89R11. CSMP 87C01 WAS APPROVED FOR A COMMERCIAL COMPLEX AT THE SW CORNER OF COUNTY ROAD "C" AND EAST SNELLING SERVICE DRIVE; THE CSMP COULD RUNOFF FROM A PORTION OF EAST SNELLING.

Board Action:

★ HARRIS ASKED AS PART OF MOTION TO MONITOR MH7 (SUMP).

6/5/98
DSK

Permit Application No. 98-69: Successful Bidder, City of Lino Lakes TWAFAA
(T & G Properties, Inc.)

Recommendation: Table with authorization for administrative approval pending receipt of:

1. Permit Application signed by Successful Bidder.
2. Proposed Clearwater Creek flow diversion methods (if applicable).
3. Narrative addressing impacts to Clearwater Creek from construction of vertical pipe bends and pipe auguring.
4. Narrative addressing watermain bedding material and potential of dewatering wetlands riparian to Clearwater Creek.
5. Narrative addressing temporary impacts at stations 58 and 62 to private ditch on Clearwater Creek Commercial Park.
6. Erosion Control Plan at Clearwater Creek crossing.
7. Cash surety in the amount of \$3,000.

STIPULATION: ALL WETLANDS AFFECTED BY SEWER + WATER-MAIN INSTALLATION SHALL BE RESTORED TO INITIAL GRADES + RESEEDED WITH MUDOT SEED MIX 25 (OR EQUIVALENT).

Location: 21st Avenue from Cedar Street to Main Street (CSAH 14) and Northern Lights Boulevard, Lino Lakes.

T-R-S: 31-22-24

Purpose: Approval of a partial "after-the-fact" Roadway and Utilities Plan for improvements to approximately 4,100 feet of 21st Avenue N. and 1,900 feet of Northern Lights Boulevard.

- Exhibits:
1. Permit Application, unsigned, dated May 20, 1998, received May 20, 1998.
 2. Construction plans (8 sheets) prepared by TKDA, dated April 28, 1998, received May 20, 1998.
 3. RCWD Permit Files 97-12, 97-125, 97-141, 96-12, 87-51, and 83-55.

6/5/98
DSK

**Permit Application No. 98-69: Successful Bidder, City of Lino Lakes
(T & G Properties, Inc.)**

- Findings:**
1. The project involves watermain and sanitary sewer construction for 4,100 feet of 21st Avenue N. and 1,900 feet of the future Northern Lights Boulevard, including a crossing of Clearwater Creek. The Northern Lights Boulevard section will ultimately serve the Clearwater Creek Commercial Park under review as RCWD Permit 97-125 (Rough Grading Plan issued March 4, 1998). No new storm sewer is proposed.
 2. The 21st Avenue crossing of Clearwater Creek will involve installation of pipe bends and jacking or auguring 80 feet of pipe below Clearwater Creek. The submitted channel survey and proposed watermain cross section specifies approximately 7.5 feet of clearance, consistent with past District practice and greater than the Minnesota State Statute required cover of depth (4.5 feet).

A small private tributary across the Clearwater Creek Commercial Park will be crossed as part of the Northern Lights Road segment.
 3. The proposed watermain passes through numerous wetlands riparian to Clearwater Creek. It is unclear if pipe construction and/or pipe bedding material placement will result in wetland dewatering.
 4. RCWD-approved Permits 97-12, 97-141, 96-12, 87-51, and 83-55 are for projects located along 21st Avenue.

Board Action:

6/5/98
DSK