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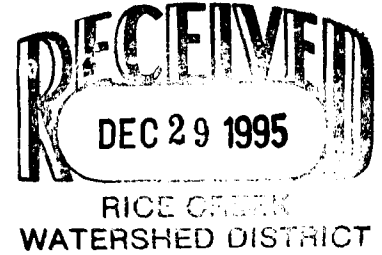
ATTACHMENT TYPED: 1-5-96/ JK

due Jan 4, noon

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

DECEMBER 27, 1995



It was moved by _____ CARDINAL _____ and seconded by
_____ RYDEN _____ to approve, ratify, table with authorization for administrative
action, table, or withdraw the Permit Applications noted in the following table of contents in
FINDINGS AND
accordance with the District Engineer's/Recommendation, as contained in the Engineer's Report
dated December 22, 1995. Carried 5-0

FINAL

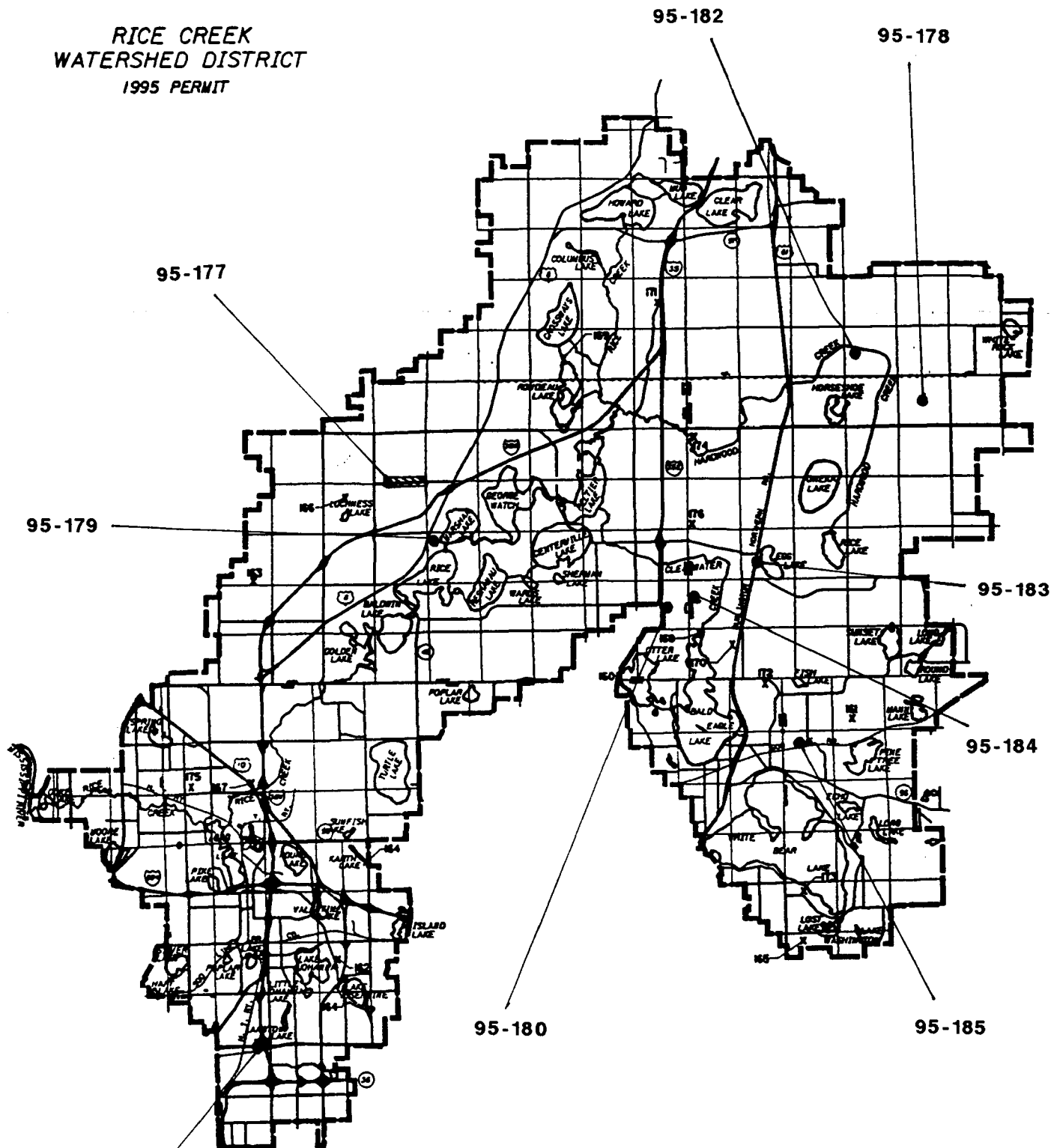
RICE CREEK WATERSHED DISTRICT

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RICE CREEK
WATERSHED DISTRICT
1995 PERMIT



MONTGOMERY WATSON

Wichita, Minnesota

Permit Application No. 95-55:

Glenn Rehbein Excavating, Inc.
(Successful Bidder, City of Lino Lakes)

RAT

Recommendation: Ratification of administrative approval.

Location: Southeast quadrant of Baldwin Lake Road and White Pine Road, Lino Lakes.

T-R-S: 31-22-31 cbbd

Purpose: Approval of a Roadway and Utility Construction Plan to serve a residential development to be known as Woods of Baldwin Lake, 2nd Addition, 13 lots, 5.6 acres.

Exhibits: 1. Signed Permit Application, received December 5, 1995.
2. RCWD Permit File 94-157.

Findings: 1. The application is for construction of roadway, storm sewer, and utilities that will service Woods of Baldwin Lake 2nd Addition.
2. The Woods of Baldwin Lake 2nd Addition Land Development Plan was approved as RCWD Permit 94-157. The plan submitted under the current application conformed with RCWD Permit 94-157.
3. The project was completed by the contractor without a permit. Per the District Inspector the project has been completed satisfactorily.

Board Action:

CONSENT AGENDA C/R 5-0

ISSUED 12-8-95

12/22/95
EJT

Permit Application No. 95-122: Arndt Construction, Co.
(Successful Bidder,
Anoka County Parks Department)

RAT

Recommendation: Ratification of administrative approval.

- 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: Terminus of Aqua Lane, Lino Lakes.

T-R-S: 31-22-16, 20, 21

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for renovation/grading work riparian to Rice Creek for the Chomonix Golf Course.

- Exhibits:
1. Signed Permit Application, received December 8, 1995.
 2. Preliminary Wetland, Floodplain, Grading, and Erosion Control Plan prepared by David A. Kirscht Associates, Inc., dated August 8, 1995, received August 10, 1995.
 3. Wetland Delineation Report prepared by BRW, Inc., last revised August 14, 1995, received August 14, 1995.
 4. WCA Replacement Plan Application prepared by BRW, Inc., dated August 10, 1995, received August 10, 1995.
 5. Cash surety of \$2,000, received September 20, 1995.

- Findings:
1. The Applicant is proposing placement of 4,741 cubic yards of fill in the floodplain of Rice Creek. A compensatory volume of 13,644 cubic yards will be created by this project (net gain is 8,903 cubic yards). The Applicant is requesting a variance from District policy which does not allow placement of fill in the floodplain of Rice Creek.

12/22/95
EJT

Permit Application No. 95-122: Arndt Construction, Co.
(Successful Bidder,
Anoka County Parks Department)

2. Applicant is proposing impact to 0.22 acres of wetland. An on-site replacement area of 0.44 acres has been identified.
3. At the August 23, 1995 regular RCWD meeting, the Board of Managers approved a variance allowing placement of fill within the floodplain of Rice Creek based on the following:
 - a. The Applicant is suffering a hardship due to loss of use of land (course playability) due to existing wet conditions which will be rectified through proposed Grading Plan.
 - b. The area has been highly disturbed by extensive construction activities which have occurred in the past.
 - c. Floodplain fill volumes will be replaced on site in excess of the minimum 1:1 volume ratio.

Board Action: CONSENT AGENDA C/R 5-0

ISSUED 12-13-95

12/22/95
EJT

Permit Application No. 95-150: Bob Walls

RAT
TWAFAA

Recommendation: ~~Table with authorization for administrative action pending receipt of RATIFICATION OF ADMINISTRATIVE APPROVAL~~

Stipulations: ~~1. The Notice of Use Restriction and Maintenance Responsibility for the replacement wetland shall be properly filed and recorded prior to any wetland fill activity.~~

2. ~~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: Crossways Lake Drive 3,000 feet east of Lake Drive, Columbus Township.

T-R-S: 32-22-22/23

Purpose: Approval of renewal of RCWD Permit 94-156 of a Land Development Plan for a single family residential development to be known as Crossways Country Estates, 16 lots 160 acres.

Exhibits: 1. Permit Application dated October 3, 1995, received October 5, 1995.
2. RCWD Permit File 94-156 containing a cash surety in the amount of \$2,000.
3. An additional cash surety deposit of \$2,000, received December 13, 1995.

Findings 1. This Permit Application was approved by the RCWD Board at the October 1995 regular meeting as a renewal of RCWD Permit 94-156 with no proposed changes. The District has received revised plans which involve approximately 15,500 sq ft of wetland fill previously permitted under an agricultural exemption that will be mitigated through excavation and enhancement of existing wetlands through construction of two ditch blocks. A total area of 522,000 sq ft of wetland will be created. The excess mitigation area will be used for wetland bank credit.
2. A cash surety in the amount of \$2,000 is on file under RCWD Permit 94-156. An additional surety amount of \$2,000 will be required (for a total of \$4,000) to include the recommended amount for creation of the required 31,000 sq ft mitigation area.

Board Action: CONSENT AGENDA C/R 5-0

HOLD FOR 30-day
comment period for WCA

On 1-7-96, can issue
permit 12/22/95
EJT

Recommendation: Ratification of administrative approval.

Location: Southwest quadrant of 101st Avenue N.E. and Naples Street, Blaine.

T-R-S: 31-23-27 aadd

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition and paving of an existing parking lot, 9.6± acres.

- Exhibits:
1. Permit Application, dated October 12, 1995, received October 12, 1995.
 2. Grading, Drainage, and Erosion Control Plan prepared by Sunde Engineering, Inc., dated October 12, 1995, received October 12, 1995.
 3. Hydraulic/hydrologic calculations, dated October 12, 1995, received October 12, 1995.
 4. Wetland Delineation Report prepared by the Anoka Conservation District, dated November 2, 1995, received November 6, 1995.
 5. Cash surety in the amount of \$3,000, received November 22, 1995.

- Findings:
1. The project involves construction of an additional 1.87 acres of impervious area through pavement of an existing gravel parking lot. Additionally, a 4,000 sq ft addition to an existing building will be constructed.
 2. Site runoff is routed to two on-site ponds linked in series which outlet to Anoka County Ditch 53-62. The ponds provide a dead storage volume of 6.7 ac-ft, 4.7 ac-ft in excess of District requirements. Rate control for the 100-year event is maintained, however, a very slight (0.14 cfs) increase occurs for the 1-year storm following development. This small amount is acceptable.
 3. The Applicant proposes impacts to 800 sq ft of wetland. The Applicant wishes to apply for Exemption 25 (which allows unmitigated impacts of up to 400 sq ft) twice, once for 1995 and again for 1996.
 4. A detailed Erosion Control Plan consisting of silt fence, rock construction entrances, riprap, seeding, and sodding has been specified.

Board Action: CONSENT AGENDA C/R 5-0

ISSUED 11-27-95

12/22/95
EJT

Permit Application No. 95-166: David Klatt

RAT

Recommendation: Ratification of administrative approval.

Location: 4175-114th Lane N.E., Blaine.

T-R-S: 31-23-14 accc

Purpose: Approval of a Wetland Alteration Plan to create an open water pond.

- Exhibits:
1. Permit Application dated August 22, 1995, received October 20, 1995.
 2. Pond Design Sketch Plan prepared by Applicant, undated, received October 20, 1995.
 3. Spoils Disposal and Erosion Control Plan prepared by Applicant, received November 20, 1995.
 4. RCWD Permit File 93-40.
 5. Cash surety in the amount of \$250, received December 5, 1995.

- Findings:
1. The project site is located within Lot 1, Block 1 of North Oaks Ponds East, as approved under RCWD Permit 93-40.
 2. The 100-year floodplain for the area is 899.0. The Grading Plan for North Oaks Ponds East shows areas within easements to be floodplain. Pond excavation spoils will be removed from easement areas to prevent floodplain fill.

Board Action: CONSENT AGENDA C/R 5-0

ISSUED 12-12-95

Recommendation: Ratification of administrative approval.

- Stipulation:
1. This permit covers Phase I of construction only. A second RCWD approved Final Site Drainage Plan will be required for Phase II work.
 2. A revised wetland delineation in accordance with the November 21, 1995 TEP findings of fact will be required before RCWD permit approval will be granted.
 3. Easements covering floodplain, wetlands, and stormwater facilities will be required for Phase II approval.

Location: 14536 West Freeway Drive, Columbus Township.

T-R-S: 32-22-25 caa

Purpose: Approval of a Final Site Drainage Plan for construction of Phase I of storage facility to be known as Freeway Mini Storage, 30± acres.

- Exhibits:
1. Permit Application, dated November 2, 1995, received November 8, 1995.
 2. Wetland Delineation Report prepared by Dave Banta, dated October 18, 1995, received November 8, 1995.
 3. Drainage Plan prepared by R. Nelson Engineering, last revised November 28, 1995, received November 29, 1995.
 4. Hydrologic/hydraulic calculations prepared by R. Nelson Engineering, dated November 8, 1995, received November 8, 1995.
 5. Written permission for off-site grading associated with pond construction prepared by Applicant, dated November 21, 1995, received November 21, 1995.
 6. WCA Technical Evaluation Panel findings of fact, dated November 21, 1995, received December 4, 1995.
 7. Cash surety in the amount of \$1,000, received November 22, 1995.

- Findings:
1. Applicant is proposing construction of Phase 1 of a 6-acre storage facility on a 30± acre lot. Drainage from 5.9 acres of the site will be routed to pond located partially on the property to the north of the site.

Permit Application No. 95-171: Patricia Preiner

The pond which will be constructed under Phase II of this project has been designed to provide for rate control for the 1-year event and water quality in accordance with District requirements. The pond outlets west to a large wetland surrounding Rice Creek. Rate control for 100-year storms is not critical in this subwatershed so the existing pond design is acceptable.

2. Per the District Administrator, there are more wetlands on site than reported in the original wetland delineation. A TEP met November 21, 1995 on site and identified two other potential wetlands on site. The Phase I Grading Plan has been revised to avoid these areas. A second delineation will be required before Phase II construction will be approved to locate the boundaries of these and any other wetlands on site.
3. A revised wetland delineation in accordance with the November 21, 1995 TEP findings will be required before permit approval will be granted.
4. Easements covering floodplain, wetlands, and stormwater facilities will be required for Phase II approval.

Board Action: CONSENT AGENDA C/R 5-0

ISSUED 12-15-95

Permit Application No. 95-173: Van and Diane Johnson

TWAFAA

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

1. Cash surety in the amount of \$500.

Location: 233 Wildwood Avenue, Birchwood Village.

T-R-S: 30-21-30

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake.

Exhibits: 1. Permit Application dated November 6, 1995, received November 9, 1995.

Findings: 1. The OHW of White Bear Lake is 924.7. White Bear Lake is classified as general development requires a 75-foot setback for all structures from the OHW. The current plan proposes a 100-foot setback.
2. The 100-year flood elevation of White Bear Lake is 926.7. The lowest floor is to be 942.3.
3. An Erosion Control Plan consisting of silt fence placed downslope of all graded areas has been received.

Board Action: CONSENT AGENDA C/R 5-0

STAT
12-28-95 BT

Recommendation: Ratification of administrative approval.

- 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: 900 feet east of southeast quadrant of 170th Street N. and Elmcrest Avenue N., Hugo.

T-R-S: 31-21-7 bbbd

Purpose: Approval of Wetland Alteration Plan and Final Site Drainage Plan for creation of a driveway to access a building site on 10 acres.

- Exhibits:
1. Permit Application dated November 9, 1995, received November 9, 1995.
 2. WCA sequencing narrative prepared by R. Nelson Engineers, dated November 8, 1995, received November 9, 1995.
 3. WCA Replacement Plan Application prepared by Applicant, dated November 9, 1995, received November 9, 1995.
 4. Revised Site Sketch Plan, undated, received November 22, 1995.
 5. RCWD Permit File 94-35.
 6. Cash surety in the amount of \$1,400, received December 12, 1995.

- Findings:
1. The proposed project involves construction of a driveway to access a building site for a single family residence. The lot to be developed is the easternmost lot of two divided under RCWD Permit 94-35.
 2. RCWD Permit 94-35 was for land division only. As no construction plans were included in the earlier approval, this also covers grading activities for building the house.

Permit Application No. 95-174: Joe Underwood

3. The 1994 permit included a document granting easements over all wetlands. To develop this lot, some fill will need to be placed within these easements. As this will also constitute wetland fill which must be mitigated and to prevent this fill would render the lot unusable as a residence (the only other acceptable building site failed foundation tests), this fill should be allowed.
4. Wetlands were delineated and approved under RCWD Permit 94-35.
5. A total wetland impact area of 1,850 sq ft is proposed. An onsite mitigation area of 3,700 sq ft has been identified.
6. The 100-year floodplain for the site is 903.0. The lowest floor is set at 905.0.
7. The amount of the cash surety is based upon RCWD requirements for Wetland Replacement Plans: $\$500 + 0.085 \text{ ac} \times \$10,000/\text{ac} = \$1,349$.

Board Action: CONSENT AGENDA C/R 5-0

ISSUED 12-12-95

Recommendation: Approval of renewal.

Location: CSAH 14 between Lexington Avenue and 4th Avenue, Blaine and Lino Lakes.

T-R-S: 31-23-1 and 31-22-6

Purpose: Approval of renewal of RCWD Permit 94-76 for reconstruction of CSAH 14 between Lexington and 4th Avenues.

Exhibits: 1. Permit Application, dated November 14, 1995, received November 17, 1995.
2. RCWD Permit File 94-76 which includes a cash surety in the amount of \$8,000.

Findings: 1. There are eight wetland areas along the 2-mile stretch of CSAH 14 proposed for reconstruction. Total area affected by this project will be 2.089 acres of Types I, II, and IV wetlands.

Several public and private ditches will be relocated as a result of the widening of CSAH 14. All ditchways will be reconstructed at the limits of the roadway right-of-way at current elevation and slopes. Associated culvert replacements will be replaced at the same invert elevations as currently exist.

2. This is the first renewal of this permit. The Applicant is proposing no changes to previously approved plans.
3. A cash surety in the amount of \$8,000 is on file under RCWD Permit 94-76.

Board Action: CONSENT AGENDA C/R 5-0

PERMIT 12-28-95/JK

12/22/95
EJT

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

1. Erosion Control Plan.
2. Benchmark data (MSL datum) verifying elevations on Mitigation Plan.
3. A cash surety in the amount of \$2,800.

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: 1,300 feet south of southeast quadrant of 180th Street N. and Irvin Avenue N., Hugo.

T-R-S: 31-21-2 a and d

Purpose: Approval of a Wetland Alteration Plan for construction of a driveway and a single family residence.

Exhibits: 1. Permit Application, dated November 15, 1995, received November 20, 1995.

2. Wetland Mitigation Plan prepared by Folz, Freeman, Dupay & Associates, Inc., undated, received November 20, 1995.
3. Wetland delineation report prepared by Chris Lord, dated May 15, 1995, received November 20, 1995.
4. WCA Replacement Plan Application, unsigned, undated, received November 20, 1995.

Findings: 1. NWI maps show Type II (PEMBg) wetlands dominating the site. A large portion of the wetlands on the southwest corner are labeled DNR Protected Wetland 228W.

12/22/95
EJT

Permit Application No. 95-178: Joseph Stanek

2. The Applicant is proposing impacts to 0.111 acres of Type VII wetland. An onsite mitigation area of 0.227 acres has been identified. This exceeds the minimum 2:1 ratio.
3. The 100-year floodplain for the site is 928.0. No site development (house location, grading plans, etc.) plans have been received yet.
4. The driveway alignment will cut off wetland fingers. Equalizer culverts have been specified for placement at these locations.
5. USGS topography for the site shows ground elevations of approximately 930. The Mitigation Plan shows surface elevations between 40 to 50 feet higher.
6. The Applicant has no plans to construct anything but the driveway at this time. The driveway is to provide site access for prospective buyers. At the time of sale/development, an RCWD-approved Final Site Drainage Plan may be required depending on site conditions and development plans.

Board Action: CONSENT AGENDA C/R 5-0

STAT 12-28-95 BT

12/22/95
EJT

Recommendation: Approval of renewal.

Location: Northeast quadrant of Lake Drive and Aqua Lane, Lino Lakes.

T-R-S: 31-22-20 bbbb

Purpose: Approval of renewal of RCWD Permit 94-208 for a Land Development Plan for a single family residential development to be known as Marshan Lake Townhomes, 24 lots, 22± acres.

Exhibits:

1. Permit Application, dated November 27, 1995, received November 29, 1995.
2. RCWD Permit File 93-208.
3. RCWD Permit File 94-208 which includes a cash surety in the amount of \$5,400.

Findings:

1. Proposed grading will not affect any wetlands.
2. This is the second renewal of this permit. The Applicant is proposing no changes to previously approved plans.
3. A cash surety in the amount of \$5,400 is on file under RCWD Permit 93-208.

Board Action: CONSENT AGENDA C/R 5-0

PERMIT 12-28-95 JK

12/22/95
EJT

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

1. Cash surety in the amount of \$250.

Location: 6440 Otter Lake Road, Lino Lakes.

T-R-S: 31-22-25 dbbb

Purpose: Approval of a Final Site Drainage Plan for construction of a pole barn on a 11.2-acre site.

- Exhibits:
1. Permit Application, dated November 30, 1995, received December 4, 1995.
 2. Site sketch plan prepared by Applicant, undated, received December 4, 1995.
 3. Wetlands Compliance Certificate prepared by Anoka Conservation District, dated September 23, 1994, received November 29, 1995.

- Findings:
1. Applicant is proposing placement of silt fence downslope of all graded areas.
 2. The location of the pole barn has been selected to avoid all wetland impacts.

Board Action: CONSENT AGENDA C/R 5-0

STAT 12-28-95 BT

12/22/95
EJT

Recommendation: Approval of renewal.

Location: 2360 County Road C, Roseville.

T-R-S: 29-23-8 baaa

Purpose: Approval of renewal of RCWD Permit 95-03 of a Final Site Drainage Plan for redevelopment of an existing truck terminal into an office warehouse complex, 13± acres.

Exhibits: 1. Permit Application, dated December 6, 1995, received December 8, 1995.
2. RCWD Permit Files 93-204 and 95-03. including a \$3,000 cash surety.

Findings: 1. This is the second renewal of this permit.
2. Applicant is proposing no changes to previously approved plans.
3. No wetland impacts are associated with this project.
4. A cash surety in the amount of \$3,000 is on file under RCWD Permit 95-03.

Board Action: CONSENT AGENDA C/R 5-0

PERMIT 12-28-95 JK

12/22/95
EJT

Recommendation: Approval of renewal.

Location: Northwest quadrant of Harrow Avenue and Henna Avenue, Forest Lake Township.

T-R-S: 32-21-34 bddc

Purpose: Approval of renewal of RCWD Permit 94-200 for a Wetland Alteration Plan for construction of a wildlife pond riparian to Hardwood Creek, 2± acres.

- Exhibits:
1. Permit Application, dated December 8, 1995, received December 11, 1995.
 2. RCWD Permit File 94-200, including a cash surety in amt of \$250.

- Findings:
1. This is the first renewal of this permit. Applicant is proposing no changes to previously approved plan.
 2. NWI maps for the area show Type II (PEMB) wetlands on site. The pond design plan shows the pond to be located within this wetland. To prevent fill impacts, spoils from the pond will be removed from the site.
 3. A cash surety in the amount of \$250 is on file under RCWD Permit 94-200.

Board Action: CONSENT AGENDA C/R 5-0

PERMIT 12-28-95 JK

12/22/95
EJT

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

1. A cash surety in the amount of \$1,000.

Location: 14409 Forest Boulevard N., Hugo.

T-R-S: 31-21-20 ca

Purpose: Approval of construction of additional parking area for home-based business riparian to Egg Lake, 0.7± acres.

- Exhibits:
1. Permit Application 95-183, dated December 8, 1995, received December 11, 1995.
 2. Drainage Plan prepared by R. Nelson Engineers, dated December 5, 1995, received December 13, 1995.
 3. RCWD Permit File 94-07.

- Findings:
1. The Applicant is proposing paving of an existing 2,400± sq ft gravel parking area. An additional 600 sq ft of paved parking will be created as well.
 2. Egg Lake is classified as a recreational development lake which requires a setback distance of 75 feet from the OHW of 926.5. The construction area is set back from Egg Lake approximately 150 feet.
 3. Silt fence is to be installed downslope of all graded areas.
 4. Rate control is not an issue as the project is creating very little new impervious surfaces. All runoff will be overland (as unconcentrated flow) across grassed areas before entering Egg Lake.
 5. There is a Type II wetland on site adjacent to Egg Lake. This wetland will not be impacted by the development.
 6. Site is adjacent to the south of Firstar Bank, approved under RCWD Permit 94-07.

Board Action: MSP TWAFAA PRO #1
AJC/RMH 5-0

STAT 12-28-95/BT

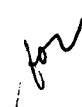
12/22/95
EJT

Recommendation: Table pending receipt of:

1. Site Plan locating house site and entire driveway orientation.
2. Erosion Control Plan.
3. Document conveying easements over wetlands within southern 10-acre parcel.
4. Specification of a lowest floor elevation at a minimum of 912.9.
5. Cash surety in the amount of \$250.

Location: 5,000 feet north of the northeast quadrant of Elmcrest Avenue and Bald Eagle Boulevard, Hugo.

T-R-S: 31-21-30 bcc

Purpose: Approval of a Wetland Alteration and "after-the-fact" Land Development Plan for subdivision of two 10-acre lots from a 20-acre parcel  creation of a single family residence.

- Exhibits:
1. Permit Application, dated December 6, 1995, received December 7, 1995.
 2. Lot survey prepared by Milton Hyland, dated December 12, 1995, received December 13, 1995.
 3. Document conveying easements over wetlands (north parcel) prepared by Applicant, dated December 15, 1995, received December 18, 1995.
 4. Wetland Delineation Report, prepared by Washington Soil and Water Conservation District, dated June 6, 1994, received June 9, 1994.

- Findings:
1. The Applicant is requesting WCA Exemption 25 for placement of fill within one of four Type II wetlands for creation of the driveway. WCA Exemption 25 allows unmitigated fill areas of up to 400 sq ft. An 18-inch culvert will be placed within the ditch to connect the wetlands.
 2. Per FIS, the 100-year flood elevation is 910.9. To meet freeboard requirements, a minimum first-floor elevation of 912.9 will be required.
 3. The land has already been divided. Easements and site descriptions have been submitted for the north parcel, which is to be developed. However, because wetlands are located on the southern lot, additional easements are required.

Board Action: CONSENT AGENDA C/R 5-0

STAT 12-28-95/BT

12/22/95
EJT

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

~~1. Field verification of wetland boundaries.~~

①

~~2.~~ Cash surety in the amount of \$2,225.

(PER KATE DREWRY
12/27/95
NOT NECESSARY)

- 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: 29 East Highway 96, Dellwood (16th fairway).

T-R-S: 30-21-7 bac

Purpose: Approval of a Wetland Alteration Plan to repair the 16th fairway pond.

- Exhibits:
1. Permit Application, dated December 14, 1995, received December 14, 1995.
 2. Site Sketch Plan prepared by Applicant, undated, received December 14, 1995.
 3. WCA Wetland Replacement Plan Application prepared by Applicant, undated, received December 14, 1995.
 4. RCWD Permit Files 85-11 and 85-12.

- Findings:
1. Applicant is proposing 3,711± sq ft of fill within a water hazard on the 16th fairway. The fill will correct an erosion problem which is resulting in loss of the playing area of the fairway. An on-site mitigation area (opposite side of pond) of 7,516± sq ft is proposed. The wetlands affected are Type III/IV. Wetlands to be created are Type III/IV. The replacement ratio exceeds the 2:1 requirement.

Board Action: CONSENT AGENDA C/R 5-0

STAT 12-28-95/BT

12/22/95
EJT

ENGRS RPT:

12-13-95 Bd MTG

FINAL RPT.

Logged action: 12-15-95/BT

Copied to file: 12-15-95/BT

Typed on att: 12-15-95/BT

Permit Application No. 93-21:

Bruggeman Construction Company

TWAFAA

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

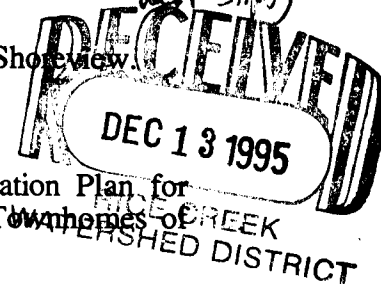
1. Cash surety in the amount of \$8,000.

Specifications: (3 standard WCA sheets)

Location: Northeast quadrant of Hamline Avenue and Sunview Drive, Shoreview.

T-R-S: 30-23-3 dbb

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a residential development to be known as Townhomes of Willow Creek, 76 townhomes, 12.7± acres.



- Exhibits:
1. Permit Application dated March 9, 1995, received March 9, 1995.
 2. Grading and Drainage Plan prepared by MFRA, dated October 31, 1995, received December 5, 1995.
 3. Wetland Delineation Report prepared by MFRA, last revised June 23, 1995, received July 13, 1995.
 4. Plat document prepared by MFRA, undated, received December 5, 1995.
 5. Hydrologic/hydraulic calculations prepared by MFRA, dated October 26, 1995, received December 13, 1995.
 6. RCWD Permit Files 82-98, 84-67, 87-31, 87-67, 88-135.

- Findings:
1. The Grading Plan identifies six wetland areas, three of which will be impacted. A total loss of 0.24 acres of wetland is proposed. The Applicant is proposing creation of 0.48 acres of on-site wetland as replacement for nonexempt impact. This provides a minimum 2:1 replacement ratio.
 2. FIS maps show Zone A floodplain on site. The 1992 RCWD flood study shows this elevation to be 888.7. The highest flood elevation in a ponding area is 895.0. The lowest floor specified for the site is 899.0. This satisfies District requirements.
 3. Site drainage is to two on-site stormwater detention ponds. The pond summary shows these two ponds have a total dead storage volume of 3.1± ac-ft, which exceeds District requirements. The ponds discharge through 4-inch orifices contained within submerged outlet control structures. The design provides for rate control in conformance with District standards.

Board Action:

12/11/95
EJT

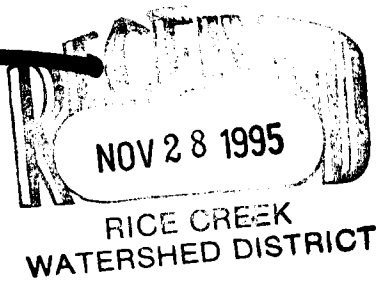
EN-86- 36 : 1987 211
15-12-89 140

FINAL

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

NOVEMBER 22, 1995



It was moved by _____ and seconded by _____ to approve, ratify, table with authorization for administrative action, table, or withdraw the Permit Applications noted in the following table of contents in accordance with the District Engineer's Recommendation, as contained in the Engineer's Report dated November 17, 1995.

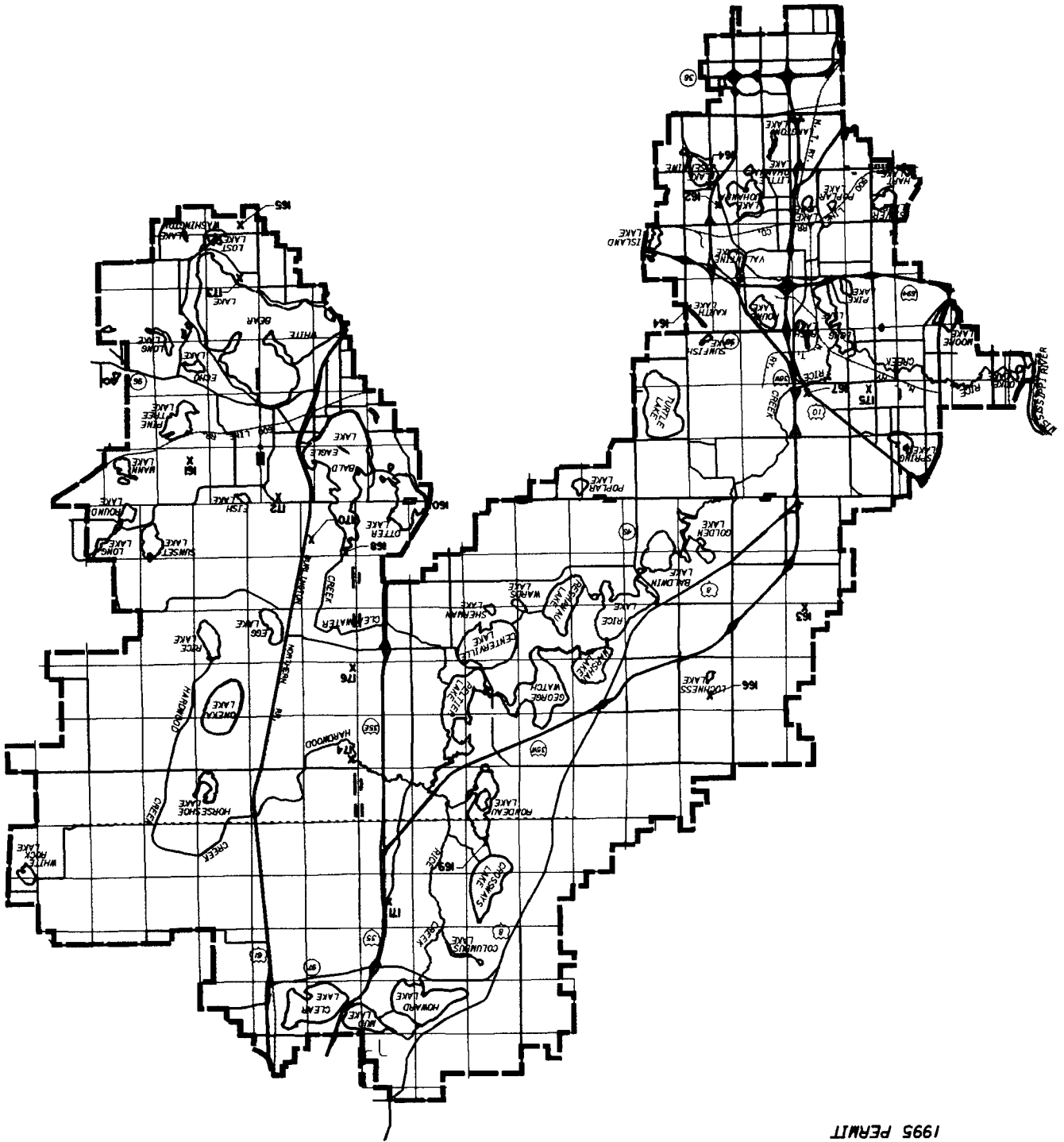
~~95-171~~ ~~See me~~

~~95-174~~ ~~wants surety reduced totally~~
~~how much due to wet surety & how~~
~~much due to grading~~

~~95-175~~ ~~is going to want justification from Kate~~
~~surety in Applicant~~

Post-it® Fax Note		7671	Date	11-27	# of pages	45
To	Kate	From	Cris Thompson			
Co./Dept.	RCWD	Co.				
Phone #		Phone #				
Fax #		Fax #				

1111



RICE CREEK
WATERSHED DISTRICT
1995 PERMIT

RICE CREEK WATERSHED DISTRICT

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NOVEMBER 22, 1995

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* To be presented

Permit Application No. 95-04: Dan Ogren

RAT

Recommendation: Ratification of administrative approval.

Location: Northwest quadrant of County Road E2 and Old Highway 10, Arden Hills.

T-R-S: 30-23-28 adbd

Purpose: Approval of a Land Development Plan for a residential development to be known as Townhomes of Lake Valentine, 8 units (duplex), 4.6± acres.

- Exhibits:
1. Permit Application, dated January 11, 1995, received January 11, 1995.
 2. Final Grading, Erosion Control, and Utility Plans prepared by Passe Engineering, Inc., last revised October 26, 1995, received October 26, 1995.
 3. Preliminary plat, prepared by E.G. Rud, last revised July 17, 1995, received August 31, 1995.
 4. Tributary area watershed maps, undated, received February 10, 1995.
 5. Wetland delineation report, prepared by Arlig Environmental, dated November 1, 1994, received January 24, 1995.
 6. Hydrologic/hydraulic calculations prepared by Passe Engineering, last revised October 23, 1995, received October 26, 1995.
 7. Cash surety in the amount of \$2,000, received October 26, 1995.
 8. Written permission for off-site work required to install storm sewer for pond outlet, dated October 19, 1995, received October 23, 1995.

- Findings:
1. A detention pond has been included to provide stormwater rate control and treatment in accordance with District requirements. The pond which was originally oriented to outlet to Valentine Lake has been realigned to discharge south to Valentine Creek, the outlet of Lake Valentine.
 2. NWI maps for the site show a Type III/V (PEMC/PUBF) wetland on the site and soil survey indicates hydric soils cover most of site. The revised Grading Plan shows two wetlands on site. There will be no filling or excavation in these wetlands.
 3. The 100-year floodplain for the site is 879.5. The lowest floor elevation is 883.5.

Board Action:

11/17/95
EJT

Permit Application No. 95-30: Thor Construction
Successful Bidder, Ramsey County Parks

RAT

Recommendation: Ratification of administrative approval.

Location: Southeast quadrant of Lexington Avenue and Island Lake Avenue,
Shoreview.

T-R-S: 30-23-26 c and d

Purpose: Approval of a Pedestrian/Bicycle Construction Plan, 3,300± linear feet.

- Exhibits:
1. Permit Application, dated March 23, 1995, received March 23, 1995.
 2. Construction Plans prepared by Ramsey County Parks and Recreation Department, last revised August 4, 1995, received August 4, 1995.
 3. Project narrative, prepared by Ramsey County Parks and Recreation Department, dated March 23, 1995, received March 23, 1995.
 4. Cash surety in the amount of \$500, received November 9, 1995.
 5. Permit Application fee in the amount of \$150, received November 9, 1995.

- Findings:
1. The proposed project involves construction of a 7-foot wide bituminous pathway between Lexington Avenue and Island Lake.
 2. NWI maps for the area show six small wetlands in the project vicinity.
 3. The project will include a 60-foot floating walkway across a wetland area.
 4. An Erosion Control Plan consisting of silt fence, filter fabric, seed and mulch, and riprap has been outlined for the project.
 5. Wetlands were delineated by the District Administrator on August 3, 1995. Per the revised plan, wetland fill will occur in two places with a total area of 370 sq ft. This is less than the 400 sq ft allowed under WCA Exemption 25 (deminimus).

Board Action:

11/17/95
EJT

Permit Application No. 95-103: Michael and Linda McGrath and
D.C. and Company

RAT

Recommendation: Ratification of administrative approval.

Location: Northeast quadrant of East Avenue and Hickory Street, Mahtomedi.

T-R-S: 30-21-20 ddc

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development, 10 lots, 4.8± acres.

- Exhibits:
1. Permit Application, dated July 14, 1995, received July 13, 1995.
 2. Revised Wetland Sequencing Narrative and WCA Replacement Plan Application, dated August 9, 1995, received August 10, 1995.
 3. Wetland Delineation Report prepared by SEH, dated August 3, 1995, received August 10, 1995.
 4. Grading, Drainage, and Erosion Control Plan prepared by Comstock and Davis, Inc., dated September 13, 1995, received September 14, 1995.
 5. Hydrologic/hydraulic calculations prepared by Comstock and Davis, dated August 15, 1995, received September 14, 1995.
 6. Pond design calculations prepared by Comstock & Davis, dated September 27, 1995, received September 27, 1995.
 7. Preliminary plat prepared by Comstock and Davis, undated, received October 20, 1995.
 8. Cash surety in the amount of \$2,000, received September 27, 1995.

- Findings:
1. The project has been revised twice since the July 1995 application. The number of lots has been reduced from 12 to 10.
 2. The revised Sequencing Narrative identifies three wetlands on site with a total area of 0.53 acres (down from 0.95 acres). The narrative says these wetlands have been unintentionally enlarged due to the loss of drainage routes through construction of roadways. The original wetland area was 0.3 acres.
 3. The proposed plan identifies two on-site ponds for treatment of stormwater. The northern ponds receive concentrated runoff from the cul-de-sac. The southern pond is located adjacent to a wetland and receives runoff from backyards.

Rate control and water quality concerns are satisfied by the pond design.

11/17/95
EJT

Permit Application No. 95-85: Richard Cross

WDL

Recommendation: Withdrawal.

Location: 1,500 feet southwest of the southwest quadrant of Lake Drive and Potomac Street, Columbus Township.

T-R-S: 32-22-28 aac

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residence and a driveway.

Exhibits: 1. Permit Application, dated June 14, 1995, received June 14, 1995.
2. Site boundary survey prepared by Hult & Associates, last revised July 10, 1995, received July 11, 1995.
3. Wetland Delineation Report prepared by the Anoka Conservation District, dated May 1, 1995, received June 14, 1995.
4. WCA Replacement Plan Application, dated June 14, 1995, received June 14, 1995.

Findings: 1. The Application is to be withdrawn at the owner's request.

Board Action:

11/17/95
EJT

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

1. Revised hydraulic/hydrologic calculations incorporating revised pond/wetland mitigation area design.

2. EMERGENCY OVERFLOW DIRECTION/ELEVATION FOR EASTERN POND →

3. Cash surety in the amount of \$2,600.

3. POND DESIGN ~~OVERFLOW~~ CALCULATIONS DEMONSTRATING PERMANENT POOL VOLUME & RATE CONTROL IN ACCORDANCE WITH DISTRICT STANDARDS

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: Southwest quadrant of 93rd Avenue N.E. and I-35 frontage road, Blaine.

T-R-S: 31-23-34 abd

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of an industrial facility (Outlot B, Aspen Ridge), 5± acres.

- Exhibits:
1. Permit Application, dated August 9, 1995, received August 10, 1995.
 2. Grading and Erosion Control Plan prepared by Glenn Rehbein Companies, last revised November 15, 1995, received November 15, 1995.
 3. Hydraulic/hydrologic calculations prepared by Glenn Rehbein Companies, dated August 18, 1995, received August 22, 1995.
 4. WCA Replacement Plan Application prepared by Glenn Rehbein Companies, dated August 10, 1995, received August 10, 1995.
 5. Wetland Delineation Report prepared by the Anoka Conservation District, dated July 7, 1995, received August 10, 1995.
 6. RCWD Permit File 95-71.

11/17/95
EJT

Permit Application No. 95-115: K-G Development

- Findings:
1. Applicant is proposing construction of an industrial facility on Outlot B of Aspen Ridge, which was reviewed under RCWD Permit 95-71.
 2. The Applicant has submitted a new wetland delineation report which shows considerably less wetland area in Outlot B in comparison to the delineation submitted for the original development. It was the original delineation report which showed Outlot B to be approximately 80%± covered with wetlands that prevented its development at the time of the original permit for Aspen Ridge. Boundaries were field checked by District Administrator and the current delineation was found to be accurate.
 3. According to the current delineation and revised construction plan, 3,453 sq ft of wetland will be filled with a total replacement area of 9,100 sq ft. This exceeds a 2:1 ratio.
 - ~~4. Hydraulic calculations performed for the pond design were only the 10-year event. No information was provided for the 100-year event.~~
 5. The current hydraulic routing plan involves allowing parking lot and roof drainage to flow to the pond area and then to a replacement area wetland. The bounce for the 10-year event is approximately 1 foot in the pond area. For the wetland, the bounce will be less due to the increased storage volume as well as an emergency overflow at a depth of 0.8 feet above the outlet invert.
 6. The NWL of the existing wetland will not be affected by the ponding area as a berm to 906.0 surrounds the pond edge toward the wetland.

Board Action:

11/17/95
EJT

Recommendation: Ratification of administrative approval.

Location: 17445 Notre Dame Street, Columbus Township.

T-R-S: 32-22-2 dcbb

Purpose: Approval of a Final Site Drainage Plan for construction of a 0.56-acre addition to a parking lot for an existing office/warehouse building, 5.85 acres.

- Exhibits:
1. Permit Application, dated September 12, 1995, received September 14, 1995.
 2. Certificate of Survey prepared by Hult and Associates, last revised 9/23/95, received 9/14/95.
 3. Erosion Control Plan, unsigned, undated, received October 11, 1995.
 4. Swale Design Plan prepared by Glenn Rehbein Excavating, Inc., dated October 26, 1995, received October 30, 1995.
 5. RCWD Permit File 83-135.
 6. Cash surety in the amount of \$1,000, received October 11, 1995.

- Findings:
1. The original church development was permitted by the RCWD in 1983 (83-135). The 1983 permit was for construction of approximately 1.5 acres of impervious area. Sometime between 1983 and today, an additional paved parking area was constructed (unpermitted) creating a total site impervious area of 3.85 acres. The currently proposed project involves construction of a 14,000-foot parking area and a 36,000 sq ft building. The entire site will subsequently have approximately 5.0 acres of impervious area.
 2. There are currently no rate control or water quality treatment devices located on site.
 3. The site drains to Branch 1 of County Ditch 31.
 4. NWI maps show no wetlands on site.
 5. Although the site has been extensively converted to paved areas, rate control is not a big concern due to the large amounts of storage available in wetlands and lakes downstream.

11/17/95
EJT

Permit Application No. 95-137: Crossroads Evangelical Covenant Church

Water quality, however, will be greatly enhanced for the whole site (retrofit) through construction of a 10-foot wide, 2-foot deep grassed swale along the southeast edges of the existing and proposed parking areas.

Board Action:

11/17/95
EJT

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

1. Fulfillment of WCA public notice requirements.
2. Evidence that declaration of restrictions and covenants for replacement wetland have been properly filed and recorded.
3. Letter of Credit in the amount of \$20,000, *Rec'd 11-20-95*

Stipulation: 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: 1,700 feet south of the southeast quadrant of 11th Avenue and Highway 61, Forest Lake Township.

T-R-S: 32-21-17 acac

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of the Forest Lake Doctor's Clinic, 32.± acres.

- Exhibits:
1. Permit Application, dated September 13, 1995, received September 14, 1995.
 2. WCA Sequencing Narrative and Replacement Plan Application prepared by Applicants, dated September 14, 1995.
 3. Wetland Delineation Report prepared by Schoell & Madson, Inc., dated May 25, 1995, received September 14, 1995.
 4. Grading and Erosion-Sediment Control Plans prepared by STS, Consultants, Ltd., last revised October 30, 1995, received November 1, 1995.
 5. Boundary and topographical survey prepared by Schoell & Madson, dated May 17, 1995, received September 14, 1995.
 6. Outlet control structure design details prepared by Horty Elving & Associates, Inc., last revised October 30, 1995, received November 1, 1995.
 7. Hydrologic/hydraulic calculations prepared by Horty Elving & Associates, Inc., dated August 28, 1995, received August 14, 1995.
 8. Cash surety in the amount of \$5,000, received November 10, 1995.

→ 9,

11/17/95
EJT

Permit Application No. 95-141: Allina Group Practice Organization and
Richard Schreir

- Findings:
1. Applicant is proposing construction of 2.7 acres of new impervious area.
 2. Site drainage is routed to a large onsite detention pond which discharges south to a wetland which, in turn, outlets via an existing swale/ditch west to Clear Lake.
 3. The pond provides dead storage volume and rate control in accordance with District standards.
 4. The Wetland Delineation Report identifies two wetlands on site, 1.03 acres and 0.121 acres. Approximately 0.68 acres of wetland will be impacted by this project. An off-site replacement area of 1.51 acres, which exceeds the 2:1 required replacement rate, has been specified.

Wetland replacement activities will not be concurrent with site development.
 5. A detailed Erosion Control Plan has been specified which includes hay bale sediment barriers, silt fence, riprap, and gravel construction entrances.
 6. The lowest floor elevation is 913.0, 3.8 feet above the 100-year elevation in the detention pond.

Board Action:

11/17/95
EJT

Permit Application No. 95-143: Graus Construction Co.
Successful Bidder, City of St. Anthony

RAT

Recommendation: Ratification of administrative approval.

Location: Northeast quadrant of 33rd Avenue N.E. and Silver Lake Road, St. Anthony.

T-R-S: 23-23-6 acbb

Purpose: Approval of a Final Site Grading Plan for reconstruction of the existing St. Anthony City Hall and Community Center, 6.5± acres.

Exhibits:

1. Permit Application, received September 19, 1995.
2. Revised Site Plan prepared by Williams O'Brien Associates, Inc., dated September 25, 1995, received October 17, 1995.
3. Calculation of existing and post-project impervious areas prepared by Williams O-Brian, dated September 21, 1995, received September 26, 1995.
4. Erosion Control Plan prepared by Williams O'Brien Associates, Inc., last revised October 25, 1995, received October 27, 1995.
5. RCWD Permit File 93-32.
6. Cash surety in the amount of \$2,000, received October 16, 1995 from City HRA.
7. Permit fee in the amount of \$500, received from City HRA.

Findings:

1. Proposed project involves resurfacing approximately 160,000 sq ft of the site to reconstruct the existing city hall and relocate park facilities. The net increase in impervious area is 460 sq ft.

Because of the small change in impervious area, rate control following redevelopment will not be a concern.

2. Three water quality treatment areas have been specified throughout the site. Each area provides dead storage volume in excess of the required amount for each respective drainage area. A total volume of 0.87 ac-ft has been provided; 0.46 ac-ft is required.

Each of the three detention basin/swale areas are designed to enhance infiltration through use of shallow slopes, benching, and underground drain tiles.

11/17/95
EJT

Permit Application No. 95-143: Graus Construction Co.
(Successful Bidder, City of St. Anthony)

The entire site receives on-site water quality treatment except the roof area which ties directly into an existing storm sewer. All areas draining towards RCWD are routed through Mirror Pond, a designated stormwater pond for the City of St. Anthony. This includes the roof area.

Board Action:

11/17/95
EJT

Recommendation: Ratification of administrative approval.

Location: 700 feet east of the northeast quadrant of 170th Avenue and Potomac street, Columbus Township.

T-R-S: 33-22-10 bca

Purpose: Approval of a Wetland Alteration Plan for construction of a private driveway to access a residential lot, 5± acres.

- Exhibits:
1. Permit Application, dated September 18, 1995, received September 25, 1995.
 2. Wetland Delineation Report prepared by the Anoka Conservation District, dated September 19, 1995, received September 29, 1995.
 3. WCA Replacement Plan Application prepared by the Anoka Conservation District, undated, received September 25, 1995.
 4. Certificate of Survey prepared by Hult & Associates, last revised October 23, 1995, received October 23, 1995.
 5. Cash surety in the amount of \$1,100, received October 11, 1995.

- Findings:
1. Applicant is proposing filling 0.05 acres of wetland to construct a driveway to access an upland building site for a single family residence. An on-site mitigation area of 0.1 acres has been identified for replacement of impacted wetland area.
 2. The fill area will isolate a narrow finger of wetland. An equalizer culvert has been specified for placement in the area to provide water to both sides of the divided wetland.
 3. An Erosion Control Plan consisting of silt fence surrounding the work areas has been identified.

Board Action:

Permit Application No. 95-150: Bob Walls

TWAFAA

~~TAB~~

Recommendation:

Table ^{WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION} pending receipt of:

- ~~1. A detailed hydrologic analysis of effects of ditch blocks on flood conveyance and storage for the areas upstream of the project site.~~
2. An additional cash surety deposit of \$2,000.

Stipulations: ~~1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.~~

1. ~~X~~. The Notice of Use Restriction and Maintenance Responsibility for the replacement wetland shall be properly filed and recorded prior to any wetland fill activity.
2. ~~X~~. 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: Crossways Lake Drive 3,000 feet east of Lake Drive, Columbus Township.

T-R-S: 32-22-22/23

Purpose: Approval of renewal of RCWD Permit 94-156 of a Land Development Plan for a single family residential development to be known as Crossways Country Estates, 16 lots 160 acres.

Exhibits:

1. Permit Application dated October 3, 1995, received October 5, 1995.
2. RCWD Permit File 94-156 containing a cash surety in the amount of \$2,000.

Findings

1. This Permit Application was approved by the RCWD Board at the October 1995 regular meeting as a renewal of RCWD Permit 94-156 with no proposed changes. The District has received revised plans which involve approximately 15,500 sq ft of wetland fill previously permitted under an agricultural exemption that will be mitigated through excavation and enhancement of existing wetlands through construction of two ditch blocks. A total area of 522,000 sq ft of wetland will be created. The excess mitigation area will be used for wetland bank credit.

11/17/95
EJT

Permit Application No. 95-150: Bob Walls

2. A cash surety in the amount of \$2,000 is on file under RCWD Permit 94-156. An additional surety amount of \$2,000 will be required (for a total of \$4,000) to include the recommended amount for creation of the required 31,000 sq ft mitigation area.

Board Action:

11/17/95
EJT

Recommendation: Ratification of administrative approval.

Location: Southeast quadrant of 73rd Avenue N.E. and University Avenue service drive, Fridley.

T-R-S: 30-24-11 cbbb

Purpose: Approval of a Final Site Drainage Plan for construction of an office warehouse building to be known as the North Park Business Center, 6± acres.

- Exhibits:
1. Permit Application, dated September 11, 1995, received October 10, 1995.
 2. Stormwater Management Plan calculations prepared by Schoell & Madson, Inc., dated October 16, 1995, received October 16, 1995.
 3. Preliminary Grading and Drainage Plan prepared by Schoell & Madson, Inc., last revised October 24, 1995, received October 25, 1995.
 4. RCWD Permit File 89-17.
 5. RCWD CSMP File 89C02.
 6. Cash surety in the amount of \$3,000, received November 7, 1995.

- Findings:
1. Project site is located within Lots 1 and 2 of the Northland Business Park approved under RCWD 89-17 and 89C02.
 2. Comprehensive Drainage Plan 89C02 specifies peak discharge rates of 11.9 cfs and 5.6 cfs for the 100-year and 1-year storms, respectively. The proposed plan allows 11.0 cfs and 5.8 cfs discharge from the site. The small 0.2 cfs increase in the 1-year discharge is acceptable.

Emergency stormwater overflows (in excess of 10-year runoff) will pool onto the parking lot. There is over 5.5 feet of freeboard between lowest floors and the pond's 100-year elevation.

3. Two on-site ponds have been designated to provide rate control for runoff from the proposed project as well as from upstream drainage areas. The ponds have dead storage equal to the runoff from a 2.5-inch storm. Although not all stormwater from the site is brought through these ponds, a large tributary area southeast of the project is. This will provide excellent retrofit water quality for the site as a whole.
4. NWI maps show no wetlands on site.

Board Action:

11/17/95
EJT

Recommendation: Table pending receipt of:

~~1. RCWD Board discussion and approval of use of Exemption 25 twice for proposed wetland impacts.~~

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

Location: Southwest quadrant of 101st Avenue N.E. and Naples Street, Blaine.

T-R-S: 31-23-27 aadd

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition and paving of an existing parking lot, 9.6± acres.

- Exhibits:
1. Permit Application, dated October 12, 1995, received October 12, 1995.
 2. Grading, Drainage, and Erosion Control Plan prepared by Sunde Engineering, Inc., dated October 12, 1995, received October 12, 1995.
 3. Hydraulic/hydrologic calculations, dated October 12, 1995, received October 12, 1995.
 4. Wetland Delineation Report prepared by the Anoka Conservation District, dated November 2, 1995, received November 6, 1995.

- Findings:
1. The project involves construction of an additional 1.87 acres of impervious area through pavement of an existing gravel parking lot. Additionally, a 4,000 sq ft addition to an existing building will be constructed.
 2. Site runoff is routed to two on-site ponds linked in series which outlet to Anoka County Ditch 53-62. The ponds provide a dead storage volume of 6.7 ac-ft, 4.7 ac-ft in excess of District requirements. Rate control for the 100-year event is maintained, however, a very slight (0.14 cfs) increase occurs for the 1-year storm following development. This small amount is acceptable.
 3. The Applicant proposes impacts to 800 sq ft of wetland. The Applicant wishes to apply for Exemption 25 (which allows unmitigated impacts of up to 400 sq ft) twice, once for 1995 and again for 1996.
 4. A detailed Erosion Control Plan consisting of silt fence, rock construction entrances, riprap, seeding, and sodding has been specified.

calendar yr
vs.
12-month

Board Action:

11/17/95
EJT

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

1. Cash surety in the amount of \$2,000.

Not PAF
Location: Northwest quadrant of U.S. Highway 10 and Pleasant View Drive, Spring Lake Park.

T-R-S: 30-24-1 aadd

Purpose: Approval of a Final Site Drainage Plan for construction of a residential development to be known as Spring Lake Park Senior Housing, 3.6 acres.

- Exhibits:
1. Permit Application, dated October 11, 1995, received October 12, 1995.
 2. Grading and Erosion Control Plan prepared by Ulteig Engineering, last revised October 26, 1995, received November 1, 1995.
 3. Hydrologic/hydraulic calculations prepared by Ulteig Engineering, dated October 10, 1995, received October 12, 1995.
 4. Wetland Determination Report prepared by Arlig Environmental, dated September 11, 1995, received September 13, 1995.

- Findings:
1. There are no wetlands on site.
 2. Two on-site detention ponds are to be constructed to provide rate control and treatment of stormwater discharges from the site. The ponds together have nearly double the dead storage volume required by District standards.

The south pond which receives roof drainage has a pumped outlet but has adequate storage below the emergency overflow to store back-to-back 100-year rainfalls.

The pond designs satisfy District requirements.

3. The lowest floor elevation is 916.0, 4 feet above local 100-year flood elevations.

Board Action:

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

1. A cash surety in the amount of \$500.

Location: 6246 Otter Lake Road, Lino Lakes.

T-R-S: 31-22-35 dccc

Purpose: Approval of renewal of RCWD Permit 94-179 for a Final Site Drainage Plan for construction of a single family residence riparian to Otter Lake, 0.7± acres.

- Exhibits:
1. Permit Application, dated October 13, 1995, received October 13, 1995.
 2. Grading and Erosion Control Plan prepared by Professional Engineering Consultants, last revised November 29, 1994, received October 17, 1995.
 3. Wetland Delineation Report prepared by Professional Engineering Consultants, Inc., dated August 22 1994, received October 20, 1994.
 4. Pre-Permit File prepared by Steven Woods, dated June 18, 1994.
 5. RCWD Permit Files 91-13 and 94-179.

- Findings:
1. The proposed project is for construction of a home on Lot 1, Block 5 of Otter Lake Estates, previously reviewed for approval and denied under RCWD Permit Application 91-13. A revised plan was approved in December 1994 under the name of John McLean. The current submittal shows the exact same development plan as the 1994 approval.
 2. The site is occupied by a Type 1 wetland which covers 50% of the site. Wetland fill in the amount of 276 sq ft will be required to create a driveway to Otter Lake Road. This fill is exempt under WCA Exemption 25.
 3. The OHW of Otter Lake is 910.5 and the 100-year flood elevation is 913.0. The current house pad is beyond the 100-foot setback from Otter Lake and has a specified lowest floor of 915.0, but is located within an area which is currently floodplain.

Permit Application No. 95-160: Robert Hagen

4. The 1994 approval included a variance from management plan rules which state that the Board will not permit flood fringe encroachment within shoreland areas associated with public waters. The variance was granted because this site has been highly disturbed by previous grading activities.

Board Action:

11/17/95
EJT

Recommendation: Approval of renewal.

Location: South of the intersection of 117th Street No. (CSAH 10) and Hamlet Avenue No., Dellwood

TRS 30-21-5 CUB

Purpose: Approval of renewal of RCWD Permit 93-69 of a Land Development Plan for a development to be known as "Meadow Ridge Estates of Dellwood, 1st and 2nd Addition," 58 lots, 174± acres.

Exhibits: 1. Permit Application dated October 14, 1995, received October 18, 1995.
2. RCWD Permit File 93-69 which includes a cash surety in the amount of \$2,200.
22800

Findings: 1. This is the first renewal of this permit. The Applicant is proposing no changes to previously approved plans.
2. A cash surety in the amount of \$22,800 is on file under RCWD Permit 93-69.
3. The Grading Plan shows a total graded area of approximately 109± acres.

Board Action:

Recommendation: Approval of renewal.

Location: 1485 Arden Place West, Arden Hills.

T-R-S: 30-23-34 bddc

Purpose: Approval of renewal of RCWD Permit 94-174 of a Final Site Drainage Plan for construction of a new residence, 0.5± acres.

Exhibits: 1. Permit Application, dated October 20, 1995, received October 20, 1995.
2. RCWD Permit File 94-174 which includes a cash surety in the amount of \$250.

Findings: 1. This is the first renewal of this permit. The Applicant is proposing no changes to previously approved plans.
2. A cash surety in the amount of \$250 is on file under RCWD Permit 94-174.
3. There are no wetland impacts associated with this permit.

Recommendation: Approval of renewal.

Location: 1,300 feet east of Flanders Street N.E. north of 101st Avenue N.E., Blaine.

T-R-S: 31-23-22 dcdd

Purpose: Approval of renewal of RCWD Permit 94-89 for a Land Development Plan to construct the Anoka Electric/United Power Association Lexington Substation, 2.3± acres.

Exhibits: 1. Permit Application dated October 19, 1995, received October 20, 1995.
2. RCWD Permit File 94-89 which includes a cash surety in the amount of \$2,500.

Findings: 1. This is the first renewal of this permit. The Applicant is proposing no change to previously approved plans.
2. A cash surety in the amount of \$1,500 is on file under RCWD Permit 94-89.
3. Approximately 300 sq ft of wetland will be filled as part of this project. The fill activity is exempt from WCA under Exemption 10, which allows filling of accidentally created wetlands and Exemption 25 which allows fill in wetlands if the cumulative impact is less than 400 sq ft. These exemptions cover fill in the roadside ditch which is considered an accidental wetland and fill for the perimeter of the building site.

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

1. Signed Permit Application.
2. Justification for placement of larger arch culverts at Hamline Avenue.
3. Hydraulic calculations justifying design of Karth Lake Ravine storm sewer.
4. Hydrologic calculations identifying impact on flow conveyance through Karth Lake Ravine.
5. Copy of permit application for work within DNR protected waters.
6. Cash surety in the amount of \$10,000.
7. Permit fee in the amount of \$500.

Location: Hamline Avenue at the Lake Josephine outlet channel and the southeast corner of Karth Lake (185 feet west of Lexington Avenue).

T-R-S: 30-23-34 dbdb
30-23-22 addd

Purpose: Approval of a Construction Plan to repair and prevent erosion problems at the Lake Josephine outlet and the Karth Lake Ravine.

Exhibits:

1. Permit Application, unsigned, dated October 16, 1995, received October 20, 1995.
2. Project narrative prepared by MSA, dated October 16, 1995.
3. Construction Plans prepared by MSA, dated October 10, 1995, received October 20, 1995.

Findings:

1. The Application is for two projects aimed at repairing and preventing future damage to the outlet channel for Lake Josephine and the southeast inlet to Karth Lake (Karth Lake Ravine).
2. The Lake Josephine project consists of replacement of the dual 18"x30" CMPAs at Hamline Avenue with two 36-1/4" RCPAs. The downstream invert will be raised (upstream invert will remain at current elevation) to be consistent with the ditch flow line. The existing scour hole downstream of Hamline Avenue will be filled and stabilized with grouted riprap. Additionally, grouted riprap will be placed downstream of the existing 24-inch PVC pipe outlet to Lake Josephine.

Permit Application No. 95-164: Successful Bidder, City of Arden Hills

3. The Karth Lake project consists of storm sewerage an existing ravine which conveys flows to Karth Lake. The ravine is very steep; the reach to be sewerage has an average slope of 10%. An 18-inch HDPE pipe 175 feet long is to be laid in the ravine and covered with 1 foot of fill material which will be stabilized with riprap and three check dams for high flow control. At the outlet to the 18-inch HDPE pipe, a stilling plate and riprapped basin will be placed to dissipate energy. A final aspect of the project will be excavation of approximately 50 cu yds of accumulated sediment from Karth Lake.
4. Removal of the sediment will require a DNR permit.
5. There may be wetland impacts associated with the Karth Lake project but the impacts will be exempt from WCA under Exemption 3 for drainageway maintenance.

Board Action:

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

1. Wetland Delineation Report.
2. Revised Grading Plan showing NURP pond grading contours.
3. NURP pond outlet control design detail.
4. Justification of choice for starting elevation for calculation of pond storage volumes.
5. Preliminary plat granting easements over wetlands, floodplain, and ponding areas.
6. Easement documents covering elevations up to back-to-back 100-year rainfall flood elevation for properties adjacent to landlocked basin.
7. ~~X~~. Cash surety in the amount of \$4,500.

Location: One-quarter mile east of southeast quadrant of Wildwood Road and Century Avenue N., Mahtomedi.

T-R-S: 30-21-31 bba

Purpose: Approval of a Land Development Plan for construction of a residential development to be known as Deer Ridge Townhomes, 68 units, 17± acres.

Exhibits:

1. Permit Application dated October 17, 1995, received October 24, 1995.
2. Grading and Storm Sewer Construction Plans prepared by MFRA, dated September 29, 1995, received October 19, 1995.
3. Hydrologic calculations prepared by MFRA, dated September 29, 1995, received October 19, 1995.
4. Storm sewer design calculations prepared by MFRA, dated September 29, 1995, received October 19, 1995.

Findings:

1. The proposed project involves creation of impervious area over approximately 50% of the project site.
2. All runoff is routed to a landlocked basin. The basin is only partially located within property controlled by the Applicant.

Permit Application No. 95-165: Bruggeman Companies

3. The 100-year snowmelt flood elevation is 991.6; the 100-year rainfall flood elevations are 987.3 and 989.5 for pre- and post-project conditions. According to District policy, developments adjacent to landlocked basins must have lowest floor elevations 2 feet above the flood elevation resulting from two consecutive 100-year rainfalls. For this site, the back-to-back rainfall flood elevations are 990.1 and 992.4 for pre- and post-development, respectively. This increase will have serious effects on development around the landlocked basin for areas not owned by the Applicant.
4. Lowest floor elevations for the development satisfy District freeboard requirements.
5. The Grading Plan shows a small wetland within the landlocked basin but no delineation report has been submitted. There will be no filling or drainage of this wetland.

Board Action:

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

- ~~1. Identification of upland spoils displacement site above elevation 899.0 (outside lot easements):~~
- ~~2. Erosion Control Plan:~~
3. Cash surety in the amount of \$250.

Location: 4175-114th Lane N.E., Blaine.

T-R-S: 31-23-14 accc

Purpose: Approval of a Wetland Alteration Plan to create an open water pond.

- Exhibits:
1. Permit Application dated August 22, 1995, received October 20, 1995.
 2. Pond Design Sketch Plan prepared by Applicant, undated, received October 20, 1995.

- Findings:
- ~~3.4.~~ RCWD Permit File 93-40.
 1. The project site is located within Lot 1, Block 1 of North Oaks Ponds East, as approved under RCWD Permit 93-40.
 2. The 100-year floodplain for the area is 899.0. The Grading Plan for North Oaks Ponds East shows areas within easements to be floodplain. Pond excavation spoils will need to be removed from easement areas to prevent floodplain fill.

Board Action:

3. SPOILS DISPOSAL & EROSION CONTROL PLAN, PREP'D BY APPLICANT,
RECD ~~11-20-95~~

Recommendation: Approval of renewal.

Location: Program Avenue north of Highway 10, Mounds View.

T-R-S: 30-23-8 dddb

Purpose: Approval of renewal of RCWD Permit 94-152 for a Final Site Drainage Plan for development of a commercial site, 6.9± acres.

Exhibits: 1. Permit Application, dated October 24, 1995, received October 25, 1995.
2. RCWD Permit Files 90-19, 94-87, and 94-152 which includes a cash surety in the amount of \$3,000.

Findings: 1. Site is Lot 2, Block 1 of Mounds View Business Park as described in RCWD Permits 94-87 and 90-19.
2. Some wetland impact is associated with the project but is exempt under WCA Exemption 24, which allows impacts due to developments where infrastructure is already in place.
3. This is the first renewal of this permit. The Applicant is proposing no changes to previously plans.
4. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-152.

Board Action:

Recommendation: Approval of renewal.

Stipulation: Applicant is required to submit a survey prepared by a registered surveyor which certifies that the lowest floor elevation meets minimum standards for freeboard. Until this certification is received, the structure will not be certified for habitation.

Location: 4510 North 129th Street, Hugo.

TRS: 31-21-31 bbac

Purpose: Approval of renewal of RCWD Permit 94-06 of a Final Site Drainage Plan for reconstruction of a single family residence north of Bald Eagle Lake, 0.5± acres.

Exhibits:

1. Permit Application dated November 6, 1995, received November 6, 1995.
2. RCWD Permit File 94-06 which includes a cash surety in the amount of \$500.

Findings:

1. This is the first renewal of this permit. The Applicant is proposing no changes to previously approved plans.
2. The Applicant is proposing soil correction to provide a suitable 30'x30' building pad. This will require a small amount of additional fill brought into the site to provide foundation slopes.
3. The Applicant has revised his building plan to best meet the RCWD's requirements and has presented a design which will present a minimal impact to the floodplain.
4. The proposed project will involve no wetland impacts.
5. A cash surety in the amount of \$500 is on file under RCWD Permit 94-06.

Board Action:

Permit Application No. 95-169: Successful Bidder, Columbus Township TWAFAA

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

1. Signed Permit Application.
2. Survey of culvert inverts referenced to sea level datum.
3. Revised plan showing use of an equivalent size culvert.
4. Erosion Control Plan.
5. Cash surety in the amount of \$5,000.
6. Permit fee in the amount of \$500.

Stipulation: An as-built survey will be required to ensure the culvert is replaced at the currently existing invert.

Location: North Rondeau Lake Drive one-half mile west of Furman Street N.E., Columbus Township.

T-R-S: 32-22-34 dbbd

Purpose: Approval of a Culvert Construction Plan to replace a culvert under Lake Drive at the Rondeau Lake tributary.

Exhibits:

1. Permit Application, unsigned, dated October 27, 1995, received November 2, 1995.
2. Site location map, undated, received November 2, 1995.

Findings:

1. Proposed project involves replacement of an existing 24-inch CMP at North Rondeau Lake Drive with a 36-inch RCP. The existing pipe is in poor condition as is the roadway which is suffering piping failures.
2. According to the District's stormwater runoff study, the culvert under Lake Drive is the control structure for Crossways Lake. Enlarging this outlet could cause flooding problems downstream and a loss of floodplain storage upstream.
3. A pre- and post-project survey is required to ensure the culvert is replaced at the existing elevation.

Board Action:

Recommendation: Table pending receipt of:

1. Signed Permit Application.
2. Copy of DNR Permit Application to work within protected waters.
3. Detailed hydrologic calculations for the entire drainage system upstream of Clearwater Creek identifying effects of outlet reconfiguration on flood elevations and discharge rates.
4. Quantification of wetland impacts and WCA Replacement Plan if any wetlands will be drained.
5. Outlet control structure design detail.
6. Cash surety in the amount of \$3,000.
7. Permit fee in the amount of \$500.

Location: Wilson Tool pond outlet (southwest quadrant of 130th Street N. and Farnham Avenue N.), Hugo.

T-R-S: 31-21-31 aaac

Purpose: Approval of a Comprehensive Stormwater Management Plan for the Lake Air Estates/Wilson Tool drainage area.

Exhibits:

1. Permit Application, unsigned, undated, received November 8, 1995.
2. Project narrative prepared by OSM, dated November 3, 1995, received November 6, 1995.
3. Lake Air Estates drainage report prepared by OSM, dated September 1994, received November 6, 1995.
4. RCWD Permit Files 84-125, 88-74, and 88-179.

Findings:

1. The City of Hugo has prepared a feasibility report which suggests that lowering the weir at the Wilson Tool Pond (DNR Wetland 198W) will provide benefit to the areas southeast of the pond by lowering the level of standing water in the drainage ditches serving the area.
2. The city intends to perform maintenance (sediment and vegetation removal) to the ditches following reconstruction of the pond outlet. This project is proposed as a means of protecting homes which, according to the City, may be flooded by events of less than 100-year frequency.

Permit Application No. 95-170: Successful Bidder, City of Hugo

3. The feasibility report identifies a do-nothing alternative which clearly states that "while there will be periods of diminished land use for some, no significant property damage is expected and the original residents may have made a correspondingly lower initial land purchase (as ditches cost less to construct than does storm sewer...)"
4. There has been no hydraulic/hydrologic investigation into the design of a new structure or flooding effects both upstream and downstream.
5. The RCWD is currently reviewing Permit Application 95-100 for construction of Woods of Bald Eagle Lake. The development is located along the Wilson Tool Pond outlet channel. Reconfiguring the pond outlet could have drastic effects on this development.

Board Action:

Permit Application No. 95-171: Patricia Preiner

TAB

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

1. Revised wetland delineation report.
2. Field verification of wetland boundaries.
3. Revised Grading Plan showing revised wetland boundaries ^{at} ~~Indis. Hwy~~ _{limits}
4. Written permission for off-site grading associated with pond construction, PREP'D BY APPLICANT, DATED 11-21-95, REC'D 11-21-95
5. Documents conveying easements over 100-year pond elevations for properties to the north surrounding the detention pond.
- ~~6. Calculations determining predevelopment peak discharge rates for 1- and 100-year rainfall.~~
7. Cash surety in the amount of \$1,000.

Location: 14536 West Freeway drive, Columbus Township.

T-R-S: 32-22-25 caa

Purpose: Approval of a Final Site Drainage Plan for construction of storage facility to be known as Freeway Mini Storage, 30± acres.

- Exhibits:
1. Permit Application, dated November 2, 1995, received November 8, 1995.
 2. Wetland Delineation Report prepared by Dave Banta, dated October 18, 1995, received November 8, 1995.
 3. Drainage Plan prepared by R. Nelson Engineering, dated November 8, 1995, received November 8, 1995.
 4. Hydrologic/hydraulic calculations prepared by R. Nelson Engineering, dated November 8, 1995, received November 8, 1995.

- Findings:
1. Applicant is proposing construction of Phase 1 of a 6-acre storage facility on a 30± acre lot. Drainage from 5.9 acres of the site will be routed to pond located partially on the property to the north of the site.
 2. The pond has been designed to provide for rate control for the 1-year event, ~~and water quality in accordance with District requirements.~~ and water quality in accordance with District requirements. The pond outlets west to a large wetland surrounding Rice Creek. RATE CONTROL FOR 100-YR STORMS IS NOT CRITICAL IN THIS SUBWATERSHED SO THE EXISTING POND DESIGN IS ACCEPTABLE.

STIPULATIONS: 1. THE PROJECT COVERED BY THIS PERMIT COVERS PHASE I OF CONSTRUCTION ONLY. A SECOND ROUND APPROVED F.S.D.P. WILL BE REQ'D. FOR PHASE II WORK.
2. EASEMENTS COVERING FLOODPLAIN, WETLANDS, AND STORMWATER FACILITIES WILL BE REQ'D FOR PHASE II APPROVAL.

Lead done
of Ph. 2

STEP 1 is NOT for Ph. 2
STEP 2 is Easement off pond
& floodplain & wetland
Ph. 1
w/ Ph. 2 permit

11/17/95
EJT

Permit Application No. 95-171: Patricia Preiner

3. Per the District Administrator, there are more wetlands on site than reported in the original wetland delineation. A second delineation is required to locate the boundaries of the additional area.

Board Action:

Recommendation: Approval of renewal.

Location: South of Norway Pine Drive and east of Red Pine Boulevard, White Bear Township.

T-R-5 30-21-1 wbaa

Purpose: Approval of renewal of RCWD Permit 93-212 for a Final Site Drainage Plan and Land Development Plan for a single family residential development to be known as White Bear Ponds Second Addition, 75 lots, 38± acres.

- Exhibits:
1. Permit Application dated November 6, 1995, received November 9, 1995.
 2. RCWD Permit Files 93-211, 93-212, and 94-112.

- Findings:
1. Site is located within the Northeast Bald Eagle Lake Comprehensive Stormwater Management Plan (RCWD Permit 93-211).
 2. There are no wetland impacts associated with this project.
 3. This is the first renewal of this permit. The Applicant is proposing no changes to previously approved plans.

Board Action:

Recommendation: Table pending receipt of:

1. Site location map.
2. Site lot boundary map indicating proposed house location.
3. Erosion Control Plan.
4. Cash surety in the amount of \$500.

Location: 233 Wildwood Avenue, Birchwood Village.

T-R-S: 30-21-30

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake.

Exhibits: 1. Permit Application dated November 6, 1995, received November 9, 1995.

Findings: 1. To date, the only information received are architectural drawings of the proposed house. No location or grading plans have been submitted.

Board Action:

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

1. Erosion Control Plan.
2. Specification of an equalizer culvert under southern crossing.
3. Identification of building site and specification of minimum floor elevation of 909.0.
4. Identification of an upland spoils displacement site.
5. Fulfillment of WCA public notice requirements.
6. Cash surety in the amount of \$1,400.

94.35

- 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: 900 feet east of southeast quadrant of 170th Street N. and Elmcrest Avenue N., Hugo.

T-R-S: 31-21-7 bbbd

Purpose: Approval of Wetland Alteration Plan and Final Site Drainage Plan for creation of a driveway to access a building site on 10 acres.

- Exhibits:
1. Permit Application dated November 9, 1995, received November 9, 1995.
 2. WCA sequencing narrative prepared by R. Nelson Engineers, dated November 8, 1995, received November 9, 1995.
 3. WCA Replacement Plan Application prepared by Applicant, dated November 9, 1995, received November 9, 1995.

Permit Application No. 95-174: Joe Underwood

4. Site Sketch Plan, undated, received November 9, 1995.
5. RCWD Permit File 94-35.

Findings:

1. The proposed project involves construction of a driveway to access a building site for a single family residence. The lot to be developed is the easternmost lot of two divided under RCWD Permit 94-35.
2. RCWD Permit 94-35 was for land division only. As no construction plans were included in the earlier approval, this permit should also cover grading activities for building the house.
3. The 1994 permit included a document granting easements over all wetlands. To develop this lot, some fill will need to be placed within these easements. As this will also constitute wetland fill which must be mitigated and to prevent this fill would render the lot unusable as a residence (the only other acceptable building site failed foundation tests), this fill should be allowed.
4. Wetlands were delineated and approved under RCWD Permit 94-35.
5. A total wetland impact area of 1,850 sq ft is proposed. An onsite mitigation area of 3,700 sq ft has been identified.
6. The 100-year floodplain for the site is 903.0. Lowest floors should be no less than 905.0.

Board Action: 7. THE AMT OF THE CASH SURETY IS BASED UPON RCWD REQ'S FOR
WETLAND REPLACEMENT PLANS: $\$500 + 0.085 \text{ AC} * \$10000/\text{AC} = \$1349$ ~~11/17/95~~

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

1. Fulfillment of WCA public notice requirements.

2. Erosion Control Plan.

3. Cash surety in the amount of \$1,900.

4. *Further review for 100yr and levels & flow elevation*

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: Southeast quadrant of Wooddale Drive and Longview Drive, Mounds View.

T-R-S: 30-23-7 dcac

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a single family residence, 0.9± acres.

Exhibits: 1. Permit Application dated November 7, 1995, received November 9, 1995.

2. Grading Plan approved by PEC, dated November 8, 1995, received November 9, 1995.

3. Wetland Delineation Report prepared by PEC, dated May 15, 1995, received November 9, 1995.

4. WCA Replacement Plan Application, dated November 9, 1995, received November 9, 1995.

Findings: 1. Applicant is proposing fill of 0.07 acres of wetland to provide a suitable building place for a single family residence. The amount of fill has been minimized to that required to create a buildable lot.

Permit Application No. 95-175: Sherri Ruf

2. An onsite mitigation area of $0.15^{\pm}$ acres is shown on the Grading Plan which involves removal of old fill from the wetland basin.
3. The basement floor elevation is 893.0. Wetland edges delineated on the Grading Plan are shown between 892 and 893 so groundwater levels are most likely near 892.0. There is no 100-year floodplain for the site.

Board Action: 4. THE AMT OF CASH SURETY IS BASED UPON RWD REQ'S FOR
WETLAND REPLACEMENT PLANS: $\$ 500 + 0.15 \text{ ac} * \$6000/\text{ac} = \$1,400$

Permit Application No. 95-176: Dorothy and Michael Masters

TWAFAA

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

1. Wetland Delineation Report.
2. Field verification of wetland boundaries.
3. Document conveying easements over wetlands.

Stipulation: At the time construction activities are to begin for either parcel, an RCWD Final Site Drainage Plan will be required.

Location: 15231 Elmcrest Avenue, Hugo.

T-R-S: 31-21-18 ccbb

Purpose: Approval of a Land Development Plan for subdivision of two 10-acre lots from a single 20-acre parcel.

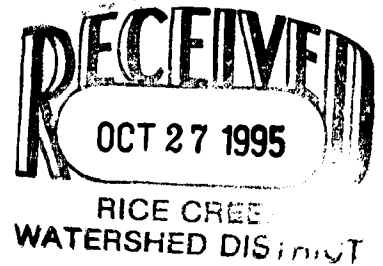
Exhibits: 1. Permit Application dated November 3, 1995, received November 10, 1995.

2. Certificate of Survey prepared by ^{CARLEY} ~~Calley~~ Torgerson, dated November 10, 1995, received November 10, 1995.

Findings: 1. No construction activities are planned at this time.
2. There are four wetlands shown on the plan which must be verified. No Delineation Report has yet been received.

Board Action:

RICE CREEK WATERSHED DISTRICT
CONSENT AGENDA
OCTOBER 25, 1995



It was moved by _____ and seconded by _____ to approve, ratify, table with authorization for administrative action, table, or withdraw the Permit Applications noted in the following table of contents in accordance with the District Engineer's Recommendation, as contained in the Engineer's Report dated October 20, 1995.

FINAL

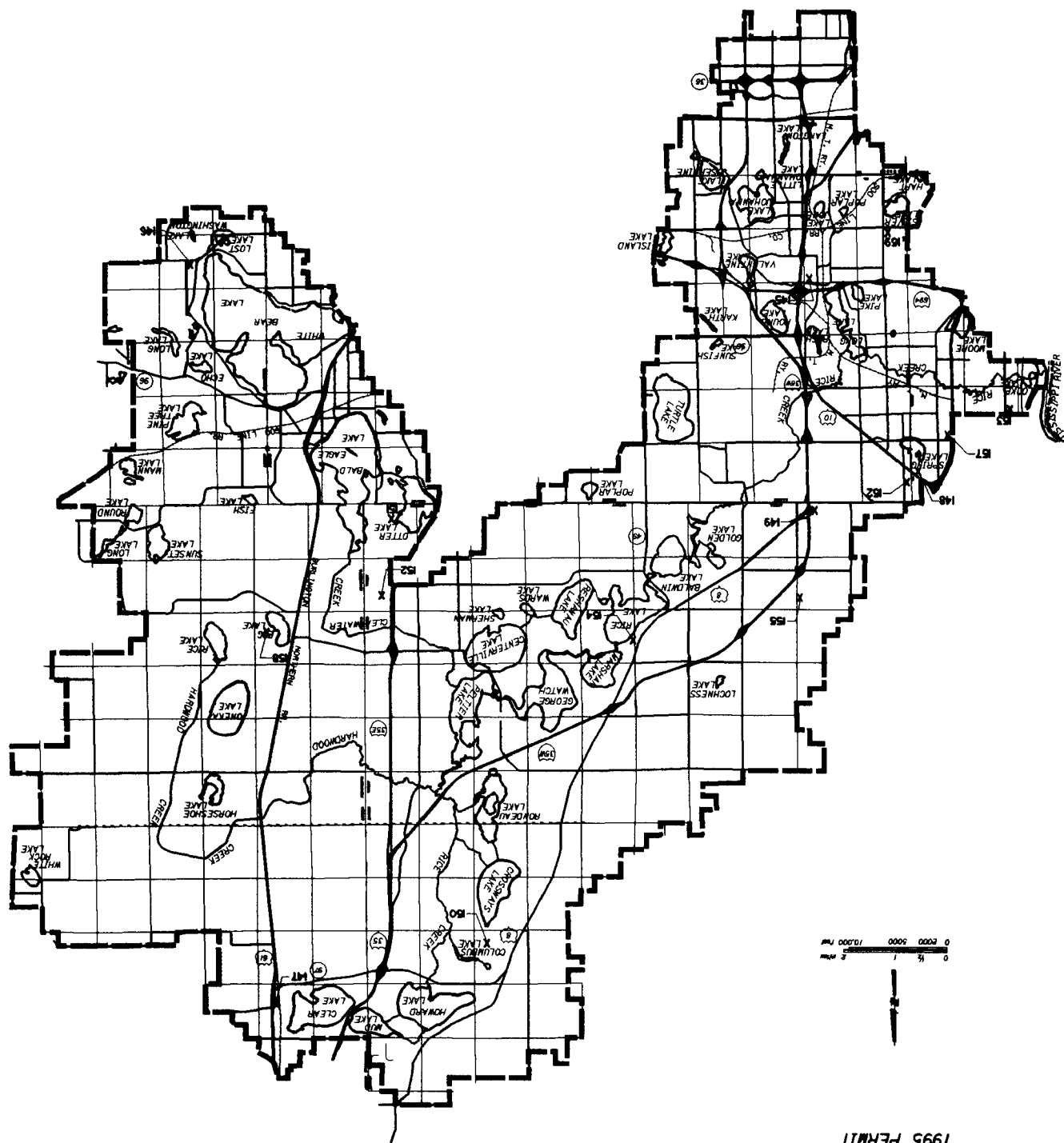
RICE CREEK WATERSHED DISTRICT

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94-187	Dan Mattila and Glenn Karlen	2	WDL
95-103	Michael and Linda McGrath and D.C. and Company	3	TWAFAA
95-121	Roberts Development Company	4	RAT
95-122	Successful Bidder, Anoka County Parks Department	5	TWAFAA
95-124	Tony Sampair	7	RAT
95-125	Graffco., Inc.	8	APP
95-130	Successful Bidder, City of Lino Lakes	9	TWAFAA
95-132	Pleasant View Homes	10	RAT
95-133	John and Donna Kostuch	11	RAT
95-137 <i>called 10/11</i>	Crossroads Evangelical Covenant Church	12	TWAFAA
95-138 <i>called 10/11</i>	Ceres Environmental	14	TWAFAA
95-139	Fred Comb	15	RAT
95-140	Fred and Linda Goebel	16	RAT
* 95-143 <i>APR 10/10 called 10/20 FAXED 10/10</i>	Successful Bidder, City of St. Anthony	17	TWAFAA
95-144 <i>KAREN</i>	Karen Olson	19	TWAFAA
95-145	The Rottlund Company, Inc.	20	APP
95-146	Clifford Leach	21	APP
95-147	John Milbauer	22	APP
95-148	David G. Schulte	23	APP
95-149 <i>FAXED 10-20</i>	Successful Bidder, MNDOT	24	TWAFAA
95-150	Bob Walls	25	APP
95-151	Robert Adamson	26	APP
95-152 <i>called 10-15 FAXED 10-20</i>	Successful Bidder, City of Lino Lakes	27	TWAFAA
95-153 <i>* called 10-15 FAXED 10-20</i>	Industrial Equities LLP	28	TWAFAA
95-154	Bruce Hanson	29	APP
95-155 <i>FAXED 10-20</i>	Waste Management, Blaine	30	TAB
95-156* <i>FAXED 10-20</i>	Noah's Ark Affordable Housing, Inc.	31	TWAFAA
95-157	Supreme Tool	32	APP
95-158 <i>FAX 9-20</i>	Kenco Construction, Inc.	33	TWAFAA
95-159* <i>FAX 9-20</i>	Kindercare Learning Center	34	TAB

* To be presented



RICE CREEK
WATERSHED DISTRICT
1995 PERMIT

Permit Application No. 94-149: Richard E. Magnuson

APP

Recommendation: Approval.

Location: 1429 Karth Road, Lino Lakes.

T-R-S: 31-22-27 dccc

Purpose: Approval of an "after-the-fact" Wetland Alteration Plan for creation of a wildlife pond.

- Exhibits:
1. Permit Application, dated August 22, 1994, received September 7, 1994.
 2. Notice of Permit Requirement prepared by Dale Eklin, dated August 11, 1994, received September 7, 1994.
 3. Project narrative prepared by Applicant, dated September 4, 1994, received September 7, 1994.
 4. Project site sketch map prepared by Applicant, undated, received September 7, 1994.
 5. WCA Restoration Order prepared by ACD, dated November 15, 1995.
 6. Letter from ACD, dated July 19, 1995 stating that remaining fill is less than 400 sq ft and thus qualifies for WCA Exemption 25.
 7. WCA Certificate of Exemption 25 signed October 18, 1995.

- Findings:
1. NWI maps for the area show Type PEMB/PEMF (II/IV) wetlands occupying the northern one-half of the property.
 2. Spoils may have been placed in wetland area.
 3. The spoils pile is to be seeded and planted with trees and shrubs as an erosion control measure.
 4. The cash surety requirement has been waived as the work is complete.

Board Action:

10/20/95
EJT

Permit Application No. 94-187: Dan Mattila and Glenn Karlen

WDL

Recommendation: Withdrawal.

Location: 8846 and 8860 Xylite Street N.E., Blaine.

T-R-S: 31-23-33 dadd

Purpose: Approval of an "after-the-fact" Final Site Drainage Plan for creation of an outdoor storage yard for an existing facility, 3.8± acres.

- Exhibits:
1. Permit Application, dated October 31, 1994, received October 31, 1994.
 2. Drainage Plan prepared by Coffin and Gronberg, Inc., dated May 12, 1997, received October 31, 1994.
 3. Construction sketch plan prepared by Applicant, undated, received October 31, 1994.
 4. RCWD Permit Files 86-93 and 87-59.
 5. Letter to D. Mattila from B. Torpe, RCWD, dated October 18, 1995.

- Findings:
1. Applicant wishes to place 300 cu yds of gravel behind an existing facility which was improved under RCWD Permit 86-93.
 2. The fill area is partially occupied by a rate controlled stormwater pond. This fill will reduce the total available storage for the pond by 0.18 ac-ft but will create 0.27 ac-ft of dead storage. This results in an increase in the 100-year discharge of only 0.4 cfs while providing water quality benefits.
 3. RCWD Permit File 87-59 includes this site as an off-site tributary drainage area contributing a peak discharge of 5 cfs. Since the increased runoff is still less than this amount, no further restrictions are required for stormwater rate control.
 4. National Wetland Inventory maps for the area show two Type PEMC wetlands on site, both of which are located in areas which may receive impacts if this project is completed.
 5. This application is to be withdrawn due to lack of activity.

Board Action:

4/21/95
EJT

Permit Application No. 95-103: Michael and Linda McGrath and
D.C. and Company

TWAFAA

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

1. Revised preliminary plat conveying easements over wetlands.

Location: Northeast quadrant of East Avenue and Hickory Street, Mahtomedi.

T-R-S: 30-21-20 ddc

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development, 10 lots, 4.8± acres.

- Exhibits:
1. Permit Application, dated July 14, 1995, received July 13, 1995.
 2. Revised Wetland Sequencing Narrative and WCA Replacement Plan Application, dated August 9, 1995, received August 10, 1995.
 3. Wetland Delineation Report prepared by SEH, dated August 3, 1995, received August 10, 1995.
 4. Grading, Drainage, and Erosion Control Plan prepared by Comstock and Davis, Inc., dated September 13, 1995, received September 14, 1995.
 5. Hydrologic/hydraulic calculations prepared by Comstock and Davis, dated August 15, 1995, received September 14, 1995.
 6. Pond design calculations prepared by Comstock & Davis, dated September 27, 1995, received September 27, 1995.
 7. Cash surety in the amount of \$2,000, received September 27, 1995.

- Findings:
1. The project has been revised twice since the July 1995 application. The number of lots has been reduced from 12 to 10.
 2. The revised Sequencing Narrative identifies three wetlands on site with a total area of 0.53 acres (down from 0.95 acres). The narrative says these wetlands have been unintentionally enlarged due to the loss of drainage routes through construction of roadways. The original wetland area was 0.3 acres.
 3. The proposed plan identifies two on-site ponds for treatment of stormwater. The northern ponds receive concentrated runoff from the cul-de-sac. The southern pond is located adjacent to a wetland and receives runoff from backyards.

Rate control and water quality concerns are satisfied by the pond design.

10/20/95
EJT

Recommendation: Ratification of administrative approval.

Location: Northwest quadrant of 89th Avenue N.E. and I-35W service drive, Blaine.

T-R-S: 31-23-34 adc

Purpose: Approval of a Land Development Plan for construction of an office-warehouse building, 9.6 acres.

- Exhibits:
1. Permit Application, dated August 10, 1995, received August 10, 1995.
 2. Hydraulic/hydrologic calculations prepared by Larson Engineering, last revised September 8, 1995, received September 11, 1995.
 3. Site Plan prepared by Carley Torgersen, Inc., dated September 7, 1995, received September 11, 1995.
 4. Wetland Delineation Report prepared by Professional Engineering Consultants, dated August 15, 1995, received August 17, 1995.
 5. RCWD Permit File 93-153.
 6. Cash surety in the amount of \$3,000, received October 14, 1995.

- Findings:
1. Applicant is proposing creation of 1.81 acres of impervious area on a currently undeveloped site. This is a reduced Site Plan from previous submittals which included a lot to the north.
 2. NWI maps show extensive wetlands on site. These wetlands are delineated on the Grading Plan and cover nearly 50% of the site. No impact is shown for these wetlands.
 3. An on-site detention basin is shown for the site to treat stormwater quality and runoff rates. The pond has been designed to meet District requirements. The pond design shown is the result of several iterations with the final result being a pond which does not fill wetland(via berming) or drain wetlands (via a low outlet).
 4. Because development activities are being confined to one lot, a previous requirement for an easement document has been removed.

Board Action:

10/20/95
EJT

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

1. Signed Permit Application.

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: Terminus of Aqua Lane, Lino Lakes.

T-R-S: 31-22-16, 20, 21

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for renovation/grading work riparian to Rice Creek for the Chomonix Golf Course.

Exhibits: 1. Permit Application, dated August 10, 1995, received August 10, 1995.

2. Preliminary Wetland, Floodplain, Grading, and Erosion Control Plan prepared by David A. Kirscht Associates, Inc., dated August 8, 1995, received August 10, 1995.

3. Wetland Delineation Report prepared by BRW, Inc., last revised August 14, 1995, received August 14, 1995.

4. WCA Replacement Plan Application prepared by BRW, Inc., dated August 10, 1995, received August 10, 1995.

5. Cash surety of \$2,000, received September 20, 1995.

Findings: 1. The Applicant is proposing placement of 4,741 cubic yards of fill in the floodplain of Rice Creek. A compensatory volume of 13,644 cubic yards will be created by this project (net gain is 8,903 cubic yards). The Applicant is requesting a variance from District policy which does not allow placement of fill in the floodplain of Rice Creek.

10/20/95

EJT

Permit Application No. 95-122: Successful Bidder
Anoka County Parks Department

3. At the August 23, 1995 regular RCWD meeting, the Board of Managers approved a variance allowing placement of fill within the floodplain of Rice Creek based on the following:
 - a. The Applicant is suffering a hardship due to loss of use of land (course playability) due to existing wet conditions which will be rectified through proposed Grading Plan.
 - b. The area has been highly disturbed by extensive construction activities which have occurred in the past.
 - c. Floodplain fill volumes will be replaced on site in excess of the minimum 1:1 volume ratio.

Board Action:

10/20/95
EJT

Recommendation: Ratification of administrative approval.

Location: 205 Iris Street, Mahtomedi.

T-R-S: 30-21-20 dcdB

Purpose: Approval of a Land Development and Wetland Alteration Plan for construction of a single family residential development, 4 lots, 1.1± acres.

- Exhibits:
1. Permit Application, dated August 10, 1995, received August 10, 1995.
 2. Project narrative prepared by Pioneer Engineering, undated, received August 10, 1995.
 3. Wetland Delineation Report prepared by Pioneer Engineering, dated April 30, 1995, received August 10, 1995.
 4. Hydraulic/hydrologic calculations prepared by Pioneer Engineering, dated July 11, 1995, received August 10, 1995.
 5. Preliminary plat prepared by Pioneer Engineering, dated August 10, 1995, received August 10, 1995.
 6. Preliminary Grading and Erosion Control Plan prepared by Pioneer Engineering, last revised August 21, 1995, received August 23, 1995.
 7. Cash surety in the amount of \$1,000, received September 8, 1995.

- Findings:
1. Applicant is proposing impact of 400 sq ft to a small Type II (PEMB) wetland on site. This amount of fill is allowed under WCA Exemption 25 (deminimus).
 2. The local 100-year floodplain for the site is 1002.5. The lowest floor elevation is to be 1005.
 3. As the three new lots have frontage on Griffin Avenue, no new roadways or large increases in impervious surfaces will be constructed as part of this project. There will also be no new concentrated flows.

Because of the small site area, a small increase in tributary area, overland (unconcentrated) flow of stormwater, rate control, and water quality concerns are not an issue for this project.
 4. The wetland area shown on the plan currently receives untreated stormwater runoff from a storm sewer outfall north of Griffin Street, approximately 175 feet west of Iris Street.

Board Action:

10/22/95
EJT

Permit Application No. 95-125: Graffco, Inc.

APP

Recommendation: Approval.

Location: 13957 Lake Drive, Columbus Township.

T-R-S: 32-22-33 abc

Purpose: Approval of a Land Development to divide an 11.35-acre parcel from a 27.56-acre lot.

- Exhibits:
1. Permit Application, dated August 11, 1995, received August 11, 1995.
 2. Topographic and boundary survey prepared by E.G. Rud and Sons, last revised September 28, 1995, received October 6, 1995.
 3. Wetland Delineation Report prepared by Anoka Conservation District, dated September 15, 1995, received September 15, 1995.
 4. RCWD Permit File 95-116.

- Findings:
1. Applicant proposes lot split only. Construction activities are to be covered by RCWD Permit 95-116 by a different applicant.
 2. Easements have been provided around all on-site wetlands.

Board Action:

10/20/95
EJT

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

1. Signed Permit Application.
2. Cash surety in the amount of \$2,000.

Location: Southwest quadrant of Birch Street and 12th Avenue, Lino Lakes.

T-R-S: 31-22-28 daaa

Purpose: Approval of a Wetland Alteration Plan for excavation in a private ditch, 466 linear feet.

Exhibits:

1. Permit Application, unsigned, undated, received September 6, 1995.
2. Ditch excavation plans prepared by SEH, undated, received September 8, 1995.
3. Request for WCA Exemption 3 prepared by Applicant, dated September 20, 1995, received October 2, 1995.

Findings:

1. The city is proposing excavation within a private ditch which is tributary to County Ditch 25. The area has been heavily altered due to past excavating activities. The RCWD has issued eight permits since 1977 for public and private excavations within County Ditch 25 and private laterals in the vicinity of Lamotte Ditch.
2. Minor wetland impacts associated with this project are exempt from WCA by exemption 3 (drainage system repair and maintenance). Spoils are to be placed within the ditch right-of-way.

Board Action:

Recommendation: Ratification of administrative approval.

Location: 200 feet east of southeast quadrant of Spring Lake Road and Highway 10, Spring Lake Park.

T-R-S: 30-23-6 cca

Purpose: Approval of a Final Site Drainage Plan for construction of a multifamily residential development to be known as Pleasant View Townhomes, 21 units, 2.6± acres.

- Exhibits:
1. Permit Application, dated August 14, 1995, received September 7, 1995.
 2. Preliminary Grading and Utility Plan prepared by Midwest Land Surveyors and Civil Engineers, Inc., last revised September 5, 1995, received September 7, 1995.
 3. Dead storage calculations prepared by Midwest Land Surveyors and Civil Engineers, Inc., dated August 31, 1995, received September 7, 1995.
 4. Hydrologic/hydraulic calculations prepared by Midwest Land Surveyors and Civil Engineers, Inc., dated August 28, 1995, received September 7, 1995.
 5. Cash surety in the amount of \$2,000, received October 4, 1995.

- Findings:
1. Site drainage is routed to an on-site detention pond which has been designed in accordance with District standards. The pond outlets to an existing storm sewer which drains to Spring Lake.
 2. NWI maps show no wetlands on site.
 3. The 100-year flood elevation in the pond is 913.4, 5.1 feet lower than the nearest lowest building floor.

Board Action:

Permit Application No. 95-133: John and Donna Kostuch

RAT

Recommendation: Ratification of administrative approval.

Location: 5342-142nd Street N., Hugo.

T-R-S: 31-21-20 cacc

Purpose: Approval of a Land Development Plan for construction of a residential development to be known as Oneka Estates 2 (subdivision of two lots from a single 2.0± acre lot).

Exhibits: 1. Permit Application, dated September 11, 1995, received September 12, 1995.
2. Grading Plan prepared by Hy-Land Surveying, P.A., dated August 29, 1995, received September 12, 1995.
3. Cash surety in the amount of \$1,000, received September 28, 1995.

Findings: 1. NWI maps show no wetlands on site.
2. Drainage for the site is north to a private extension of branch 2 of Clearwater Creek and east to Egg Lake.
3. Site development will result in no new concentrated flows.
4. Currently submitted development plans show some minor site grading to create suitable building pads. Erosion control consists of silt fence placed around the construction area. The Grading Plan notes the home on Lot 3 is currently under construction.

Board Action:

10/20/95
EJT

Permit Application No. 95-137: Crossroads Evangelical Covenant Church TWAFAA

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

1. Plans for construction of a grassed swale along the south and east edge of the existing parking lot and the east edge of the new parking lot for conveyance of stormwater to the existing ditch to the southwest.

Location: 17445 Notre Dame Street, Columbus Township.

T-R-S: 32-22-2 dcbb

Purpose: Approval of a Final Site Drainage Plan for construction of a 0.56-acre addition to a parking lot for an existing office/warehouse building, 5.85 acres.

- Exhibits:
1. Permit Application, dated September 12, 1995, received September 14, 1995.
 2. Certificate of Survey prepared by Hult and Associates, last revised 9/23/95, received 9/14/95.
 3. Erosion Control Plan, unsigned, undated, received October 11, 1995.
 4. RCWD Permit File 83-135.
 5. Cash surety in the amount of \$1,000, received October 11, 1995.

- Findings:
1. The original church development was permitted by the RCWD in 1983 (83-135). The 1983 permit was for construction of approximately 1.5 acres of impervious area. Sometime between 1983 and today, an additional paved parking area was constructed (unpermitted) creating a total site impervious area of 3.85 acres. The currently proposed project involves construction of a 14,000-foot parking area and a 36,000 sq ft building. The entire site will subsequently have approximately 5.0 acres of impervious area.
 2. There are currently no rate control or water quality treatment devices located on site.
 3. The site drains to Branch 1 of County Ditch 31.
 4. NWI maps show no wetlands on site.
 5. Although the site has been extensively converted to paved areas, rate control is not a big concern due to the large amounts of storage available in wetlands and lakes downstream.

10/20/95
EJT

Permit Application No. 95-137: Crossroads Evangelical Covenant Church

Water quality, however, could be greatly enhanced for the whole site (retrofit) through construction of a 10-foot wide, 2-foot deep grassed swale along the southeast edges of the existing and proposed parking areas. This low cost alternative to ponding will most likely provide better water quality benefits (for the whole site) than would a pond designed to treat runoff from just the new development.

Board Action:

10/20/95
EJT

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

~~1. Preliminary plat conveying easements over wetlands, ponding areas, and other drainage features.~~

2. Cash surety in the amount of \$2,000.

Location: 300 feet east of northeast quadrant of 101st Avenue and Xylite Street N.E., Blaine.

T-R-S: 31-23-22 cccd

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan for construction of an industrial facility on a 2.2-acre division from a 7.9± acre parcel.

Exhibits:

1. Permit Application, dated September 13, 1995, received September 14, 1995.
2. Grading and Erosion Control Plan prepared by Pioneer Engineering, last revised October 11, 1995, received October 13, 1995.
3. Hydrologic/hydraulic calculations prepared by Pioneer Engineering, dated September 12, 1995, received September 14, 1995.
4. Wetland Delineation Report prepared by Arlig Environmental, Inc., dated October 17, 1994, received September 14, 1995.

Findings:

1. Applicant is proposing development of a 2.2-acre lot which will be divided from a 7.9-acre parcel. The site will have an on-site detention pond which meets District requirements.
2. The pond outlets to a roadside ditch north of 101st Avenue and a wetland west of the site, ultimately to Ditch 53-62.
3. The detention pond has been sized to handle drainage from the developed 2.2-acre site and the undeveloped larger parcel. At the time the larger parcel is developed, additional stormwater facilities will be required.
4. The Wetland Report identifies a small wetland on the southwest corner of the property. This wetland will not be impacted.

Board Action:

10/20/95
EJT

Recommendation: Ratification of administrative approval.

Location: 33 Apple Orchard Road, Dellwood (400 feet north of northwest quadrant of Tamarisk Road and Apple Orchard Road).

T-R-S: 30-21-7 dbda

Purpose: Approval of a Wetland Alteration and Final Site Drainage Plan for construction of a single family residence and creation of two wildlife ponds.

- Exhibits:
1. Permit Application, dated September 12, 1995, received September 14, 1995.
 2. Certificate of Survey prepared by Frank Cardarelle, dated September 6, 1995.
 3. Grading Plan prepared by R. Nelson Engineers, dated September 11, 1995, received September 14, 1995.
 4. Project narrative prepared by Applicant, dated September 12, 1995, received September 14, 1995.
 5. Wetland delineation Report prepared by Chris Lord, dated August 26, 1995, received September 14, 1995.
 6. Cash surety in the amount of \$500, received October 12, 1995.

- Findings:
1. The Wetland Delineation Report identifies a large Type III (PEMC) wetland occupying over 50% of the site. This wetland will be altered through excavation of two open water ponds and placement of the spoil material as fill for approximately 400 sq ft of wetland near the proposed driveway.
 2. The fill quantity will qualify for WCA Exemption 25 (deminimus).
 3. The lowest floor elevation proposed for the house is 947. The lowest elevation of the drainfield is approximately 943. The 100-year flood for the area is 921.1.

Board Action:

Permit Application No. 95-140: Fred and Linda Goebel

RAT

Recommendation: Ratification of administrative approval.

Location: 11100 National Street N.E., Blaine.

T-R-S: 31-23-13 bddc

Purpose: Approval of a Wetland Alteration Plan for creation of a wildlife pond.

- Exhibits:
1. Permit Application, dated September 14, 1995, received September 14, 1995.
 2. Wetland Delineation Report prepared by Blaine Paschke, dated November 16, 1992, received September 18, 1995.
 3. Certificate of Survey prepared by Ronald Alwin, undated, received September 14, 1995.
 4. Letter stating that no fill is to be placed in easements, prepared by Applicant, dated October 13, 1995, received October 13, 1995.
 5. RCWD Permit 93-28.
 6. Cash surety in the amount of \$250, received October 13, 1995.

- Findings:
1. Applicant is proposing excavation of an open water pond in a wetland to gain fill for the house pad.
 2. Silt fence will be placed downslope of all spoils placement areas.
 3. Spoils will be placed no lower than elevation 900.0. The 100-year floodplain for the site is 899.0.
 4. The wetland delineation for the site appears to cover only the eastern portion of the site. A field inspection by the District Administrator has verified no wetland impacts.
 5. The project site is Lot 5 of the Lochness Prairie Addition, permitted under RCWD 93-28. The house location has been moved west to avoid placement of fill within easements identified on the 1993 plat document.

Board Action:

10/20/95
EJT

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

1. Permit Application signed by Successful Bidder.
2. Revised temporary Erosion Control Plan addressing two phases of construction.

Location: Northeast quadrant of 33rd Avenue N.E. and Silver Lake Road, St. Anthony.

T-R-S: 23-23-6 acbb

Purpose: Approval of a Final Site Grading Plan for reconstruction of the existing St. Anthony City Hall and Community Center, 6.5± acres.

- Exhibits:
1. Permit Application, unsigned, undated, received September 19, 1995.
 2. Revised Site Plan prepared by Williams O'Brien Associates, Inc., dated September 25, 1995, received October 17, 1995.
 3. Calculation of existing and post-project impervious areas prepared by Williams O'Brien, dated September 21, 1995, received September 26, 1995.
 4. Erosion Control Plan prepared by Williams O'Brien Associates, Inc., undated, received October 11, 1995.
 5. RCWD Permit File 93-32.
 6. Cash surety in the amount of \$2,000, received October 16, 1995 from City HRA.
 7. Permit fee in the amount of \$500, received from City HRA.

- Findings:
1. Proposed project involves resurfacing approximately 160,000 sq ft of the site to reconstruct the existing city hall and relocate park facilities. The net increase in impervious area is 460 sq ft.

Because of the small change in impervious area, rate control following redevelopment will not be a concern.

2. Three water quality treatment areas have been specified throughout the site. Each area provides dead storage volume in excess of the required amount for each respective drainage area. A total volume of 0.87 ac-ft has been provided; 0.46 ac-ft is required.

Each of the three detention basin/swale areas are designed to enhance infiltration through use of shallow slopes, benching, and underground drain tiles.

10/20/95
EJT

Permit Application No. 95-143: Successful Bidder, City of St. Anthony

The entire site receives on-site water quality treatment except the roof area which ties directly into an existing storm sewer. All areas draining towards RCWD are routed through Mirror Pond, a designated stormwater pond for the City of St. Anthony. This includes the roof area.

Board Action:

10/20/95
EJT

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

1. Fulfillment of WCA public notice requirements.
2. Identification of an upland spoils placement site for excavation associated with wetland mitigation.

Location: 700 feet east of the northeast quadrant of 170th Avenue and Potomac street, Columbus Township.

T-R-S: 33-22-10 bca

Purpose: Approval of a Wetland Alteration Plan for construction of a private driveway to access a residential lot, 5± acres.

- Exhibits:
1. Permit Application, dated September 18, 1995, received September 25, 1995.
 2. Wetland Delineation Report prepared by the Anoka Conservation District, dated September 19, 1995, received September 29, 1995.
 3. WCA Replacement Plan Application prepared by the Anoka Conservation District, undated, received September 25, 1995.
 4. Certificate of Survey prepared by Hult & Associates, dated October 17, 1995, received October 20, 1995.
 5. Cash surety in the amount of \$1,100, received October 11, 1995.

- Findings:
1. Applicant is proposing filling 0.03 acres of wetland to construct a driveway to access an upland building site for a single family residence. An on-site mitigation area of 0.1 acres has been identified for replacement of impacted wetland area.
 2. The fill area will isolate a narrow finger of wetland. An equalizer culvert has been specified for placement in the area to provide water to both sides of the divided wetland.
 3. An Erosion Control Plan consisting of silt fence surrounding the work areas has been identified.

Board Action:

Permit Application No. 95-145: The Rottlund Company, Inc.

APP

Recommendation: Approval of renewal.

Location: Southwest quadrant of 10th Street N.W. and 5th Avenue N.W., New Brighton.

T-R-S: 30-23-29 aab

Purpose: Approval of renewal of RCWD Permit 94-67 of a Land Development Plan and Final Site Drainage Plan for construction of a nine unit townhome development to be known as Brighton Green, 7.4± acres.

Exhibits: 1. Permit Application, dated September 21, 1995, received September 26, 1995.
2. RCWD Permit Files 82-122 and 94-67.

Findings: 1. The site plan follows the Comprehensive Stormwater Management Plan specified for New Brighton. All flow for the site is to drain into Regional Pond No. 3 which was permitted as RCWD Permit 82-122..
2. There are no wetland impacts associated with this proposed project.
3. This is the first renewal of this permit.
4. The Applicant is proposing no changes to previously approved plans.
5. A cash surety in the amount of \$2,000 is on file under RCWD Permit 94-67.

Board Action:

10/20/95
EJT

Permit Application No. 95-146: Clifford Leach

APP

Recommendation: Approval of renewal.

Location: Northwest quadrant of Stillwater Road and East Avenue, Mahtomedi.

T-R-S: 30-21-29 bddd

Purpose: Approval of renewal of RCWD Permit 94-146 with changes for a Final Site Drainage Plan and Wetland Alteration Plan for a development to be known as Briarcliff 2.

Exhibits: 1. Permit Application, dated September 25, 1995, received September 27, 1995.
2. RCWD Permit Files 93-91 and 94-146.
3. RCWD CSMP File 84C13.

Findings: 1. The proposed project is a slightly revised plan for the project approved under RCWD Permit 93-91 and renewed as RCWD Permit 94-146. This is the second renewal of this permit. There are no proposed changes to the approved project.
2. A \$4,300 cash surety is on file under RCWD Permit 93-91.
3. Proposed wetland impacts have not changed from the approved 1993 plan, an on-site 2:1 replacement ratio is proposed.
4. Stormwater management for the site is in accordance with RCWD CSMP 84C13.

Board Action:

10/20/95
EJT

Permit Application No. 95-147: John Milbauer

APP

Recommendation: Approval of renewal.

Stipulations:

1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
2. The Declaration of Restrictions and Covenants for Replacement Wetlands, the Affidavit of Landowner(s), and the Consent to 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.

Location: 1600 South Lake Street (800 feet north of Highway 97 on west side of Highway 61), Forest Lake.

T-R-S: 32-21-17 dbaa

Purpose: Approval of renewal of RCWD Permit 94-165 of a Final Site Drainage Plan for construction of a new banking facility, 2.8 acres.

Exhibits:

1. Permit Application, dated September 26, 1995, received September 27, 1995.
2. RCWD Permit File 94-165.

Findings:

1. This is the first renewal of this permit.
2. The Applicant is proposing no changes to the previously approved project.
3. A cash surety in the amount of \$2,000 is on file under RCWD Permit 94-165.

Board Action:

10/20/95
EJT

Recommendation: Approval of renewal.

Location: Southwest quadrant of 81st Avenue N.E. and McKinley Street, Spring Lake Park.

T-R-S: 30-24-1 daab

Purpose: Approval of renewal of RCWD Permit 94-139 of a Land Development Plan for construction of a residential development riparian to Spring Lake to be known as Spring Lake Park Villas, 31 single family residences, 3 multifamily residences, 10.3± acres.

Exhibits: 1. Permit Application, dated September 8, 1995, received September 27, 1995.
2. RCWD Permit File 94-139.

Findings: 1. There are no wetland impacts associated with this project.
2. This is the first renewal of this permit.
3. The Applicant is proposing no changes to previously approved plans.
4. A cash surety in the amount of \$3,000 is on file under RCWD Permit 95-148.

Board Action:

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

1. Signed Permit Application.
2. Cash surety in the amount of \$3,000.

Location: Lake Drive southbound ramp to I-35W, Lino Lakes.

T-R-S: 31-23-34 dd

Purpose: Approval of a Final Site Drainage Plan and culvert Construction Plan for reconstruction of 2,570 feet of roadway which crosses Anoka-Ramsey JD-1.

Exhibits:

1. Permit Application, unsigned, undated, received October 4, 1995.
2. Construction Plans prepared by MNDOT, dated September 13, 1995, received September 20, 1995.

Findings:

1. Proposed project involves construction of extensions of two existing parallel 36-inch RCP culverts at Lake Drive (station 14+55) on Branch 2 of Anoka-Ramsey JD-1.

The culverts will be extended on their downstream sides 20 and 22 feet, respectively, at slopes equivalent to the existing culverts to allow for widening of the roadway.

2. The project was originally to include extension of the 48-inch RCP culvert at station 25+68, also on Branch 2. This aspect of the project was dropped to avoid wetland impacts.
3. There are no wetland impacts associated with this project.

Board Action:

Permit Application No. 95-150: Bob Walls

APP

Recommendation: Approval of renewal.

Location: Crossways Lake Drive 3,000 feet east of Lake Drive, Columbus Township.

T-R-S: 32-22-22/23

Purpose: Approval of renewal of RCWD Permit 94-156 of a Land Development Plan for a single family residential development to be known as Crossways Country Estates, 16 lots 160 acres.

Exhibits: 1. Permit Application, dated October 3, 1995 received October 5, 1995.
2. RCWD Permit File 94-156.

Findings: 1. There are no wetland impacts associated with the project.
2. This is the first renewal of this permit.
3. The Applicant is proposing no changes to previously approved plans.
4. A cash surety in the amount of \$2,000 is on file under RCWD Permit 94-156.

Board Action:

10/20/95
EJT

Permit Application No. 95-151: Robert Adamson

APP

Recommendation: Approval of renewal.

Location: 6294 Otter Lake Road, Lino Lakes.

T-R-S: 31-22-36 cddd

Purpose: Approval of renewal of RCWD Permit 94-154 for a Final Site Drainage Plan and Wetland Alteration Plan to construct a single family residence and excavate a pond on Lot 5, Block 4, Otter Lake Estates, 1.0± acres.

Exhibits: 1. Permit Application, dated September 21, 1995, received October 5, 1995.
2. RCWD Permit Files 93-67 (including \$500 cash surety), 93-135 and 94-154.

Findings: 1. This is the third renewal of this permit.
2. The Applicant proposes no changes to previously approved plan.
3. There is a \$500 cash surety on file under RCWD Permit File 93-67.

Board Action:

10/20/95
EJT

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

1. Signed Permit Application.
2. Cash surety in the amount of \$3,000.

Location: Southeast quadrant of Cedar Street and Otter Lake Road, Lino Lakes.

T-R-S: 31-22-25 accc

Purpose: Approval of a Final Site Drainage Plan and Culvert Construction Plan for construction of 2,300 feet of roadway which crosses Anoka-Washington JD-3.

Exhibits:

1. Permit Application, unsigned, undated, received September 29, 1995.
2. Construction plans prepared by TKDA, dated September 12, 1995, received September 29, 1995.
3. Construction specifications prepared by TKDA, dated September 12, 1995, received September 29, 1995.
4. RCWD Permit File 95-24.

Findings:

1. Proposal project involves construction of one-half of Street A and all of Streets B and D of the Clearwater Creek Subdivision, Phase I, as approved under RCWD Permit 95-24.
2. The street and storm sewer match the alignments and profiles approved under RCWD Permit 95-24.
3. A 36-inch culvert is to be placed across Anoka-Washington JD-3, Branch 4, as part of this project. The slope and elevation of the culvert match those recommended from the official profile investigation for Clearwater Creek (JD-3).
4. There will be no wetland impacts associated with this project which have not been accounted for in the land development permit (95-24).

Board Action:

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

- ~~1. Revised Drainage Plan routing CB 1 and CB 2 to western pond.~~
2. Revised pond design incorporating RCWD water quality treatment standards.
3. Cash surety in the amount of \$3,000.

Location: Southeast quadrant of 73rd Avenue N.E. and University Avenue service drive, Fridley.

T-R-S: 30-24-11 cbbb

Purpose: Approval of a Final Site Drainage Plan for construction of an office warehouse building to be known as the North Park Business Center, 6± acres.

- Exhibits:
1. Permit Application, dated September 11, 1995, received October 10, 1995.
 2. Stormwater Management Plan calculations, ^{PREP'D BY SCHUELL / MADSON, INC} dated October 16, 1995, received October 16, 1995.
 3. Preliminary Grading and Drainage Plan, ^{PREP'D BY SCHUELL / MADSON, INC} dated October 1995, received October 16, 1995.
 4. RCWD Permit File 89-17.
 5. RCWD CSMP File 89C02.

Findings: 1. Project site is located within Lots 1 and 2 of the Northland Business Park approved under RCWD 89-17 and 89C02.

2. Comprehensive Drainage Plan 89C02 specifies peak discharge rates of 11.9 cfs and 5.6 cfs for the 100-year and 1-year storms, respectively. The proposed plan allows 11.0 cfs and 5.8 cfs discharge from the site. The small 0.2 cfs increase in the 1-year discharge is acceptable.

Emergency stormwater overflows (in excess of 10-year runoff) will pool onto the parking lot. There is over 5.5 feet of freeboard between lowest floors and the pond's 100-year elevation.

3. Two on-site ponds have been designated to provide rate control for runoff from the proposed project as well as from upstream drainage areas. The ponds do not have permanent pools for water quality treatment.
4. NWI maps show no wetlands on site.

10/20/95
EJT

Permit Application No. 95-154: Bruce Hanson

APP

Recommendation: Approval of renewal.

Location: 6980 Lake Drive, Lino Lakes.

T-R-S: 31-22-20 bccc

Purpose: Approval of renewal of RCWD Permit 94-202 for a Final Site Drainage Plan to regrade a landing strip riparian to Rice Lake, 6.9± acres.

Exhibits: 1. Permit Application, dated December 4, 1994, received December 6, 1994.

2. RCWD Permit Files 92-208, 93-198, 94-202.

Findings: 1. Applicant is proposing no changes to previously approved plans.

2. This permit was reviewed in 1992 as an "after-the-fact" action. This is the third renewal of this permit.

3. A \$2,000 cash surety is on file under RCWD Permit 92-208.

Board Action:

10/20/95
EJT

Recommendation: Table pending receipt of:

1. Wetland Delineation Report.
2. Field verification of wetland boundaries.
3. Cash surety in the amount of \$3,000.

Location: Southwest quadrant of 101st Avenue N.E. and Naples Street, Blaine.

T-R-S: 31-23-27 aadd

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition and paving of an existing parking lot, 9.6± acres.

Exhibits:

1. Permit Application, dated October 12, 1995, received October 12, 1995.
2. Grading, Drainage, and Erosion Control Plan prepared by Sunde Engineering, Inc., dated October 12, 1995, received October 12, 1995.
3. Hydraulic/hydrologic calculations, dated October 12, 1995, received October 12, 1995.

Findings:

1. The project involves construction of an additional 1.87 acres of impervious area through pavement of an existing gravel parking lot. Additionally, a 4,000 sq ft addition to an existing building will be constructed.
2. Site runoff is routed to two on-site ponds linked in series which outlet to Anoka County Ditch 53-62. The ponds provide a dead storage volume of 6.7 ac-ft, 4.7 ac-ft in excess of District requirements. Rate control for the 100-year event is maintained, however, a very slight (0.14 cfs) increase occurs for the 1-year storm following development. This small amount is acceptable.
3. Per the District Administrator, there may be wetland impacts associated with this project.
4. A detailed Erosion Control Plan consisting of silt fence, rock construction entrances, riprap, seeding, and sodding has been specified.

Board Action:

10/20/95
EJT

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

1. Specification of riprap at storm sewer outfalls and flumes.
2. Cash surety in the amount of \$2,000.

Location: Northwest quadrant of U.S. Highway 10 and Pleasant View Drive, Spring Lake Park.

T-R-S: 30-24-1 aadd

Purpose: Approval of a Final Site Drainage Plan for construction of a residential development to be known as Spring Lake Park Senior Housing, 3.6 acres.

- Exhibits:
1. Permit Application, dated October 11, 1995, received October 12, 1995.
 2. Grading and Erosion Control Plan prepared by Ulteig Engineering, dated October 11, 1995, received October 12, 1995.
 3. Hydrologic/hydraulic calculations prepared by Ulteig Engineering, dated October 10, 1995, received October 12, 1995.
 4. Wetland Determination Report prepared by Arlig Environmental, dated September 11, 1995, received September 13, 1995.

- Findings:
1. There are no wetlands on site.
 2. Two on-site detention ponds are to be constructed to provide rate control and treatment of stormwater discharges from the site. The ponds together have nearly double the dead storage volume required by District standards.

The south pond which receives roof drainage has a pumped outlet but has adequate storage below the emergency overflow to store back-to-back 100-year rainfalls.

The pond designs satisfy District requirements.

3. The lowest floor elevation is 916.0, 4 feet above local 100-year flood elevations.

Board Action:

Permit Application No. 95-157: Supreme Tool

APP

Recommendation: Approval of renewal.

Location: Northeast quadrant of Viron Road and Fireside Drive (adjacent to north of 7585 Highway 65), Fridley.

T-R-S: 30-24-12 babc

Purpose: Approval of renewal of RCWD Permit 94-189 of a Final Site Drainage Plan for construction of an industrial facility, 2.0± acres.

Exhibits: 1. Permit Application, dated October 10, 1995, received October 12, 1995.
2. RCWD Permit Files 94-159 and 94-189.

Findings: 1. This is the first renewal of this permit.
2. The Applicant is proposing no changes to previously approved plans.
3. A cash surety in the amount of \$1,000 is on file under RCWD Permit 94-189.

Board Action:

10/20/95
EJT

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

- ~~1. Field verification of wetland boundaries.~~
2. Revised preliminary plat conveying easements over all wetland areas.
3. Cash surety in the amount of \$2,000.

Location: West of Geneva Avenue at 145th Street N., Hugo.

T-R-S: 31-21-20 a and d

Purpose: Approval of a Land Development Plan for construction of a single family residential development to be known as Rice Lake Meadows 4th Addition, 5 lots, 8.5± acres.

Exhibits:

1. Permit Application, dated October 12, 1995, received October 12, 1995.
2. Preliminary plat, Development, Grading, and Utility Plan prepared by Merila and Associates, dated September 6, 1995, received October 12, 1995.
3. RCWD Permit Files 90-163, 94-82, and 95-65.
4. Wetland Delineation Report, dated October 5, 1995, received October 12, 1995.

Findings:

1. The project site is adjacent to the west of the site approved under RCWD Permits 94-82 and 95-65 (Rice Lake Meadows 3rd Addition). The current project involves construction of five new residences with frontage on the existing Geneva Avenue. There will be no new roadways constructed as part of this project.
2. Stormwater runoff will naturally flow west to wetlands surrounding Egg Lake. A total of 0.5± acres of impervious area will be constructed through this project. No new concentrated stormwater flows will be generated by this project. Because of this situation, no rate control or water quality treatment is required for this project.
3. The Grading Plan indicates several wetlands on site. Although no impact is shown to these wetlands, their boundaries will need to be verified.

Board Action:

10/20/95
EJT

Recommendation: Table pending receipt of:

1. Field verification of wetland boundaries.
2. Fulfillment of WCA public notice requirements.
3. Revised plat document conveying easements over wetlands.
4. Stormwater Management Plan.
5. Cash surety in the amount of \$2,000.

Stipulations:

1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
2. The Declaration of Restrictions and Covenants for Replacement Wetlands, the Affidavit of Landowner(s), and the Consent to 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.

Location: 300 feet north of northwest quadrant of County Road E and Silver Lake Road, New Brighton.

T-R-S: 30-23-30 ddda

Purpose: Approval of a Land Development and Wetland Alteration Plan for construction of a day care facility, 2.3 acres.

- Exhibits:
1. Permit Application, dated October 4, 1995, received October 12, 1995.
 2. WCA Sequencing Narrative and Replacement Plan Application prepared by Svoboda Ecological Resources and RLK Associates, Ltd., dated October 13, 1995, received October 13, 1995.
 3. Preliminary Grading, Drainage, and Erosion Control Plan prepared by RLK Associates, Ltd., dated October 4, 1995, received October 13, 1995.
 4. Preliminary plat prepared by RLK Associates, Ltd., dated October 4, 1995, received October 13, 1995.
 5. RCWD Permit Files 91-74 and 92-39.

10/20/95
EJT

Permit Application No. 95-159: Kindercare Learning Center

- Findings:
1. Site is located within Outlot A of Wexford Heights, approved as RCWD Permits 91-74 and 92-39.
 2. The project will create 40,000 sq ft of impervious area (46% of site). No rate control or water quality treatment devices have been specified.
 3. Approximately 0.037 acres (1,630 sq ft) of wetland will be filled by this project.
 4. As part of the 1991 permit, it was noted by the District Engineer that a separate (FSDP) permit would be required to develop this project (Outlot A).

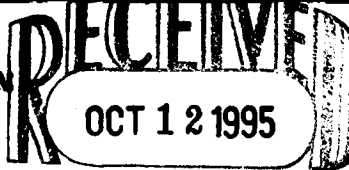
Board Action:

10/20/95
EJT

F A X



MONTGOMERY WATSON



WATERFORD PARK
505 U.S. HWY 169, Suite #555
Minneapolis, MN 55441

Date: 10/12/95

RICE CREEK
WATERSHED DISTRICT

Tel: (612) 593-9000

Fax: (612) 593-9975

LOGGED: 10-12-95/BTCOPIED: 10-12-95/BTTYPED: To: BONNIEFax: RCWDFrom: STEVESubject: Revised Eng. Rpt.

10 - 11 - 95

Reference: No. of Pages:

(including cover)

FINAL

AS WE DISCUSSED95-04 - TWAFRA P.R.O. 1, 2, & 3.

3 - Revised grading plan showing use of at least one bentonite trench
block along proposed storm sewer from site.

95-100 - TWAFRA P.R.O. 6, 7, B & revised grading plan showing no more than
5200 sq. ft. of wetland fill to create a ~~buildable~~ buildable site on either
lot 4 or 5 of Block 1.

95-143 - Table as recommended.

Additional exhibit #5. Site survey prepared by William O'Brien Associates, Inc.
dated Sept. 12, 1995, rec'd 9/19/95.

Note: If there are any problems with the transmission of this fax, please call Robin Sheehan
at (612) 593-9000.

21111

10 - 11 - 82

Permit Application No. 95-04: Dan Ogren

TWAFAA

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

① Written permission for off-site work required to install storm sewer for pond outlet.

② Cash surety in the amount of \$2,000.

③ Revised grading plan showing use of at least one bench to prevent bank erosion down gradient of E2.

Location: Northwest quadrant of County Road E2 and Old Highway 10, Arden Hills.

T-R-S: 30-23-28 abdb

Purpose: Approval of a Land Development Plan for a residential development to be known as Townhomes of Lake Valentine, 8 units (duplex), 4.6± acres.

Exhibits: 1. Permit Application, dated January 11, 1995, received January 11, 1995.

2. Preliminary Grading, Erosion Control, and Utility Plans prepared by Passe Engineering, Inc., last revised September 21, 1995, received September 27, 1995.

3. Preliminary plat, prepared by E.G. Rud, last revised July 17, 1995, received August 31, 1995.

4. Stormwater pond volume sizing calculations prepared by Passe Engineering, dated January 11, 1995, received January 11, 1995.

5. Tributary area watershed maps, undated, received February 10, 1995.

6. Wetland delineation report, prepared by Arlig Environmental, dated November 1, 1994, received January 24, 1995.

7. Hydrologic/hydraulic calculations prepared by Passe Engineering, last revised September 26, 1995, received September 27, 1995.

Findings: 1. A detention pond has been included to provide stormwater rate control and treatment in accordance with District requirements. The pond which was originally oriented to outlet to Valentine Lake has been realigned to discharge south to Valentine Creek, the outlet of Lake Valentine.

2. NWI maps for the site show a Type III/V (PEMC/PUBF) wetland on the site and soil survey indicates hydric soils cover most of site. The revised Grading Plan shows two wetlands on site. There will be no filling or excavation in these wetlands.

3. The 100-year floodplain for the site is 879.5. The lowest floor elevation is 883.5.

Board Action:

10/5/95
EJT

TWAFAA 1,2,3-1.

MSP ELP/AJC4-0

Permit Application No. 95-100: Grace Development Co.

TAB

Recommendation: Table pending receipt of:

1. Board discussion of justification for fill for Lots 4 and 5 of Block 1.

~~2. Preliminary plat identifying property boundaries and easements over wetlands and other hydraulic/hydrologic features.~~~~3. Revised Grading Plan incorporating a wetland forebay for sediment deposition for stormwater discharges from Ethan Avenue.~~~~4. Riprap specified for all storm sewer outfalls.~~~~5. Information relating to groundwater levels throughout project site.~~

① 6. Completion of Wetland Replacement Plan including quantification of public value credits.

② 7. Declaration of restriction and covenants for replacement wetland.

③ 8. Cash surety in the amount of \$22,000.

④ REVISED GRADING PLAN SHOWING NO MORE THAN 5200 SQ. FT OF WETLAND

Stipulations: 1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.

2. 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.

FILL TO
CREATE A
BUILDABLE
SITE ON
EITHER
LOT 4 OR
5 OF
BLOCK 1.

Location: Southwest quadrant of 130th Street and Falcon Avenue N., Hugo.

T-R-S: 31-21-31 abb

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a residential development to be known as Woods of Bald Eagle Lake, 54 single family residences, 13 townhomes, 58.8± acres.

Exhibits:

1. Permit Application, dated July 10, 1995, received July 13, 1995.
2. Grading, Drainage, and Erosion Control Plan prepared by Merila and Associates, last revised September 26, 1995, received September 26, 1995.
3. Wetland Delineation Report prepared by STS Consultants, Ltd., dated August 24, 1994, received July 13, 1995.

10/5/95
EJT

Permit Application No. 95-100: Grace Development Co.

5. GROUNDWATER ELEVATION
SUMMARY, PREP'D BY STS
CONSULTANT, LTD. DATED
3-17-94, REV'D 10-11-95

4. Drainage summary prepared by Merila and Associates, last revised August 22, 1995, received August 23, 1995.
10-10 10-11
6. WCA Replacement Plan Application prepared by Applicant, dated July 13, 1995, received July 13, 1995.
7. EAW prepared by the City of Hugo, dated July 21, 1995, received July 31, 1995.
8. FINAL PLAT, PREP'D BY MERILA & ASSOC. UNDATED, REV'D 10-11-95.
9. RCWD Permit File 94-44.

Findings:

1. The project reviewed under RCWD Permit 94-44 has been enlarged under the current application. The 1994 permit application was for 30 lots on 25 acres.
2. The Wetland Delineation Report shows extensive wetlands on site. The wetlands fall into five basins, four of which will be impacted, for a total of 4.65 acres. Replacement will be on-site with a combination of wetland restoration of a partially drained basin and creation of new wetland areas. 1.36 AC
3. Four detention ponds have been designed for rate control and treatment of stormwater runoff. A total dead storage volume of 2.73 ac-ft is provided. This value exceeds District requirements by 0.97 ac-ft.
4. The developed site will discharge 0.69 ac-ft and 1.9 ac-ft of extra volume during the 1- and 100-year storms, respectively. Following development, the site design will retain this volume on site, increasing local 100-year elevations within the basin east of Ethan Avenue by 0.12 feet following construction. Lowest floor elevations are all at least 3.8 feet above 100-year flood elevations, 2.2 FT ABOVE AREA GROUNDWATER ELEV.
5. The site received preliminary plat approval by the City of Hugo in July 1995.
6. The project is the focus of a mandatory EAW as required by Minnesota Rules 4410.4300 Subpart 32.
7. The 10-year bounce within the specified wetland replacement area is 0.39 feet. WCA allows up to 1 foot.

ON SITE CREATION OF 2.24 AC
RESTORATION PLUS VALUE
CREDIT OF 0.702 AC
TOTAL MINIMUM: 2.951 AC

Board Action:

Motion: TWAFAA 6-7-8 w/strip

* to allow fill for one pad w/ 500 sq ft of fill.

MSP
① BAH/AJC 2-2 (FAILED)
TWAFAA INCL LOTS 4 + 5 of BLK 1 + 6, 7, 8

MSP
② BAH/AJC 3-1 (PASSED)
TWAFAA INCL 1 of LOTS 4 + 5, BLK 1 + 6, 7, 8.

10/5/95
EJT

Permit Application No. 95-143: Successful Bidder, City of St. AnthonyTAB

Recommendation: Table pending receipt of:

1. Signed Permit Application.
2. Revised Grading Plan incorporating water quality treatment ponds in accordance with District requirements.
- 2.6. ~~Shumaker~~ *Shumaker* ~~Plan~~ *Plan*.
3. Erosion Control Plan.
4. Cash surety in the amount of \$2,000.
5. Permit fee of \$500.

Location: Northeast quadrant of 33rd Avenue N.E. and Silver Lake Road, St. Anthony.

T-R-S: 23-23-6 acbb

Purpose: Approval of a Final Site Grading Plan for reconstruction of the existing St. Anthony City Hall and Community Center, 6.5± acres. *4 1/2 each way*

- Exhibits:
1. Permit Application, unsigned, undated, received September 19, 1995.
 2. Site Plan prepared by Williams O'Brien Associates, Inc., dated September 25, 1995, received September 19, 1995.
 3. Calculation of existing and post-project impervious areas prepared by Williams O'Brien, dated September 21, 1995, received September 26, 1995. *Prepared by William O'Brien Assoc. Inc., DATED 9-12-95*
 4. RCWD Permit File 93-32. *REC'D 9-19-95*

- Findings:
1. Proposed project involves resurfacing approximately 160,000 sq ft of the site to reconstruct the existing city hall and relocate park facilities. The net increase in impervious area is 460 sq ft.
 2. Because of the small change in impervious area, rate control following redevelopment will not be a concern.
 3. The site will naturally drain southwest out of the District, however, all roof drainage (27% of impervious area) will be connected to storm sewer outletting to the Mirror Lake retention basin at Highcrest and 39th Avenue N.E. This basin is a designated water quality/detention facility.

Board Action: MSP

TABLED
AJC/RMH 4-0

10/5/95
 EJT

Permit Application No. 95-144: Karen Olson

TWAFAA
~~EWB~~

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

1. Fulfillment of WCA public notice requirements. --
2. Certificate of Survey identifying and quantifying wetland mitigation area.
3. Field verification of wetland boundaries. ?
4. Specification of an equalizer culvert beneath the driveway at the wetland fill location.
5. Identification of an upland spoils placement site for excavation associated with wetland mitigation.

6. Cash surety in the amount of \$1,100, ~~Rec'd~~ 10-11-95

Location: 700 feet east of the northeast quadrant of 170th Avenue and Potomac street, Columbus Township.

T-R-S: 33-22-10 bca

Purpose: Approval of a Wetland Alteration Plan for construction of a private driveway to access a residential lot, 5± acres.

Exhibits: 1. Permit Application, dated September 18, 1995, received September 25, 1995.

2. Wetland Delineation Report prepared by the Anoka Conservation District, dated September 19, 1995, received September 29, 1995.

3. WCA Replacement Plan Application prepared by the Anoka Conservation District, undated, received September 25, 1995.

→ 4. Cash Surety ...

5. SITE SURVEY PREPARED BY WILLIAM O'BRIEN ASSOCIATES INC. DATED SEPT 12, 1995, REC'D SEPT 19, 1995.

Findings: 1. Applicant is proposing filling 0.03 acres of wetland to construct a driveway to access an upland building site for a single family residence.

An on-site mitigation area has been identified but the exact surface area of replacement wetland has not been quantified.

2. The fill area will isolate a narrow finger of wetland. An equalizer culvert will need to be placed in the area to provide water to both sides of the divided wetland.

3. An Erosion Control Plan consisting of silt fence surrounding the work areas has been identified.

Board Action: MSP TWAFAA
AJC/RM# 4-0

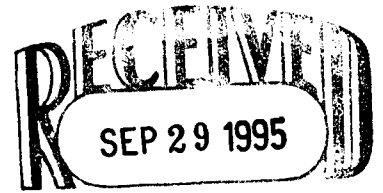
10/5/95
EJT

LOGGED: 9-28-95/BF
COPIED+FILED: 9-29-95/BF
TYPED:

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

SEPTEMBER 27, 1995



RICE CREEK
WATERSHED DISTRICT

It was moved by _____ and seconded by
_____ to approve, ratify, table with authorization for administrative
action, table, or withdraw the Permit Applications noted in the following table of contents in
accordance with the District Engineer's Recommendation, as contained in the Engineer's Report
dated September 22, 1995.

FINAL

FOR FILE.

1990



RICE CREEK WATERSHED DISTRICT

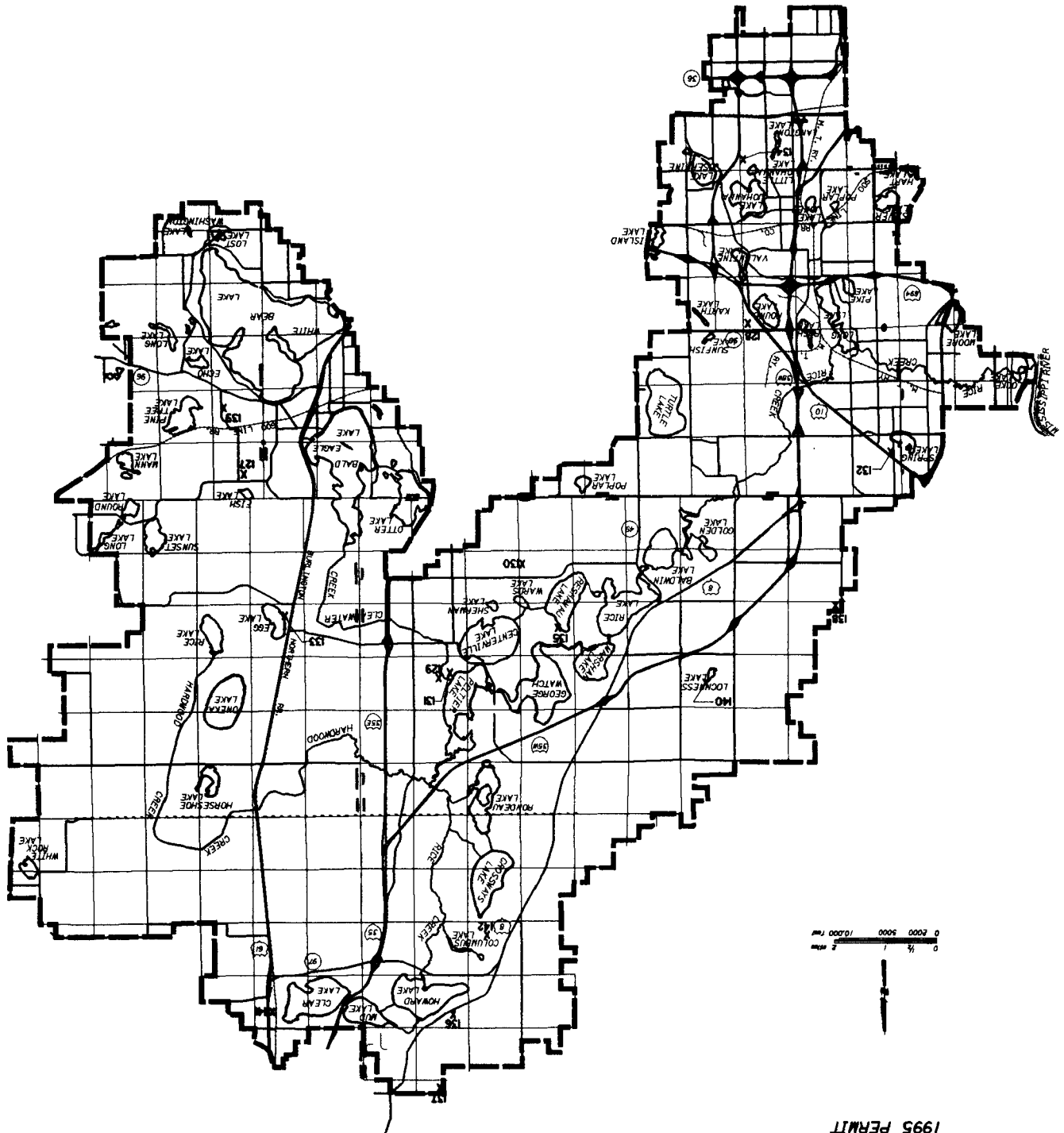
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* To be presented

X PRESENTED



RICE CREEK
WATERSHED DISTRICT
1995 PERMIT

Recommendation: Withdrawal.

Location: Eustis Street, St. Croix Street, and St. Stephen Street north of County Road B, Laurie Road west of Marion Road, Marion Road between Trunk Highway 36 service drive and County Road B, and Midland Grove Road north of County Road B, Roseville.

T-R-S: 29-23-8,9

Purpose: Reconstruction of roadways, associated storm sewers, and watermain for several streets in the vicinity of County Road B in Roseville.

Exhibits: 1. Permit Application, unsigned, undated, received April 20, 1994.
 2. Roadway reconstruction plans prepared by the City of Roseville, dated March 31, 1994, received April 20, 1994.
 3. Design specifications prepared by the City of Roseville's Department of Public Works, undated, received April 20, 1994.

Findings: 1. Project work consists of resurfacing several city streets including installation of concrete curb and gutter in several neighborhoods which do not have roadway storm drainage capability. A system of 12-inch storm sewer will augment the curb and gutter drainage. All sewers tie into existing sewer.
 2. The Application is to be withdrawn because construction activities are covered under RCWD Permit 94-126.

Board Action:

9/22/95
EJT

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

1. Receipt of deed restriction form for replacement wetland.

Location: Intersection of Hodgson Road and Lake Drive, Lino Lakes.

Purpose: Approval of a Wetland Alteration Plan for roadway construction in and around the intersection of TH 49 and CSAH 23.

- Exhibits:
1. Permit Application, dated January 18, 1994, signed by Successful Bidder.
 2. Grading and erosion control plan, prepared by SEH, last revised June 7, 1994, received June 7, 1994.
 3. Wetland impact analysis and mitigation design report, prepared by SEH, last revised June 7, 1994, received June 7, 1994.
 4. RCWD Project Review File No. 94R02.
 5. Cash surety in the amount of \$15,000, received August 22, 1995.

- Findings:
1. The project proposes an estimated 0.88 acres of wetland impacts. The impacts are scattered throughout five areas. Wetland 1 is a Type III shallow marsh which will experience 1,221 square feet of fill. Wetland 2 is a Type IV shrub swamp which will experience 1,635 square feet of fill. Wetland 3 is a Type III shallow marsh which will experience 5,170 square feet of fill. Wetland 4 is a Type II fresh meadow which will experience 14,783 square feet of fill. Wetland 5 is a Type II fresh meadow which will experience 9,146 square feet of fill. There are five wetland creation sites of 3,244, 3,970, 10,550, 1,252, and 31,200 square feet, respectively, totaling 1.77 acres. This is a 2:1 mitigation ratio. The majority of impact (0.3 acres) is due to widening of STH 49 south of Lake Drive. Alignment follows existing right-of-way and minimizes impact by increased sideslopes.
 2. Cash surety value was determined using RCWD standards adjusted by the amount of wetland impacts and size of the proposed grading area.

Board Action:

Recommendation: Ratification of administrative approval.

Location: Lincoln Drive between Terrace Drive and Snelling Drive, Roseville.

T-R-S: 29-23-4 add

Purpose: Approval of a Wetland Alteration Plan for completion of the Lincoln Drive roadway and utility system and removal of existing frontage road.

- Exhibits:
1. Permit Application, received June 3, 1994, signed by Successful Bidder on August 25, 1995.
 2. Wetland Conservation Act exemption request prepared by SEH, dated May 31, 1994, received June 3, 1994.
 3. Lincoln Drive Utility Construction Plan prepared by SEH, undated, received June 8, 1994.
 4. Wetland Delineation Report prepared by SEH, dated May 1994, received June 3, 1994.
 5. Hydrologic calculations verifying supply of runoff to wetland areas following construction prepared by SEH, undated, received June 3, 1994.
 6. Sequencing narrative prepared by SEH, dated July 8, 1994, received July 11, 1994.
 7. Cash surety in the amount of \$2,000, received August 25, 1995.

- Findings:
1. Applicant is requesting Exemption No. 25 for fill of a wetland area northwest of the roadway construction project which will amount to less than 400 square feet of fill. Applicant is also requesting Exemption No. 10 for fill in a wetland area southeast of the roadway project which has been created as the result of fill placed prior to 1973, resulting in isolated wetland area. Applicant states that this wetland has been augmented by the installation of a baffled weir upstream of the culvert outlet for the wetland area. Hydrologic analysis, aerial photographs, and soil borings support granting this exemption.
 2. Currently, the wetland areas drain via a 54-inch RCP north to County Ditch 4.
 3. Current plans call for direct discharge of stormwater into a wetland area. However, because the wetland is a highly disturbed area, impacts directly associated with this project will be proportionately small.

Board Action:

9/22/95
EJT

Recommendation: Ratification of administrative approval.

Stipulations:

1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
2. The Declaration of Restrictions and Covenants for Replacement Wetlands, the Affidavit of Landowner(s), and the Consent to 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.

Location: Extension of Isleton Avenue Court between Mann Lake and Round Lake, Grant Township.

T-R-S: 30-21-4 aaca

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Mann Lake Estates III, 29 lots, 290± acres.

Exhibits:

1. Permit Application, dated January 27, 1995, received January 27, 1995.
2. Drainage report prepared by Nyhus Engineering, dated January 24, 1995, received January 27, 1995.
3. Predeveloped, developed, and soils drainage plans, prepared by Nyhus Engineering, dated January 23, 1995, received January 27, 1995.
4. Grading and Erosion Control Plan prepared by Nyhus Engineering, last revised March 8, 1995, received March 10, 1995.
5. Preliminary plat prepared by Bruce Folz and Associates, dated July 1, 1994, received March 13, 1995.
6. WCA Replacement Plan Application prepared by Applicant, dated January 27, 1995, received January 27, 1995.
7. Sequencing Narrative, unsigned, undated, received January 27, 1995.
8. U.S. Army COE Nationwide Permit, dated January 6, 1995, received January 27, 1995.
9. Wetland delineation report, prepared by the Washington County Soil and Water Conservation District, dated November 23, 1994, received January 27, 1995.

9/22/95
EJT

Permit Application No. 95-08: Barr and Harley Development

10. RCWD Permit Files 93-57, 94-08, and 94-15.
11. Cash surety in the amount of \$6,400, received August 28, 1995.
12. Wetland Replacement Plan fee of \$500, received August 28, 1995.

- Findings:
1. The proposed project will impact four wetland areas. The impacts are itemized as follows: 400 sq ft of a Type II wetland and 600 sq ft, 4,500 sq ft, and 900 sq of three individual Type II/VI wetlands, for a total loss of 6,400 sq ft. A wetland replacement plan with a 2:1 replacement ratio has been received. The wetland impacts are associated with the roadway construction portion of the project.
 2. All roadways are rural section. There will be no concentrated flow which will require treatment.
 3. The \$6,400 value of the cash surety was determined by the following: \$3,000 for a site development with disturbed areas between 5 and 10 acres and \$500 for a Wetland Alteration Plan, plus \$1,000 per acre impact x 12,800 sq ft.

Board Action:

9/22/95
EJT

Permit Application No. 95-32: Maertens-Brenny Construction Co. RAT
(Successful Bidder, Anoka Correctional Facility)

Recommendation: Ratification of administrative approval.

Location: Northwest quadrant of 74th Street and Highway 49, Lino Lakes.

T-R-S: 31-22-18 aabd

Purpose: Approval of a Final Site Drainage Plan for construction of an addition to an existing housing facility and a new housing facility within the Anoka Correctional Facility.

Exhibits: 1. Permit Application, received March 21, 1995, signed by Successful Bidder July 20, 1995.
 2. Grading, Utility, and Erosion Control Plans prepared by Bakke, Koppe, Ballou, and McFarlin, undated, received March 21, 1995.
 3. Drainage calculations prepared by Bakke, Koppe, Ballou, and McFarlin, dated January 3, 1995, received March 16, 1995.
 4. RCWD Permit Files 91-54 and 94-193.
 5. Cash surety in the amount of \$2,000.

Findings: 1. The project involves construction of a new 40,000 sq ft housing facility and a small addition to an existing housing facility. Stormwater discharge will be treated/controlled through use of two new ponding areas immediately east and west of the proposed new building. The ponds will act as infiltration ponds during a 1-year rainfall. For the 100-year event, the ponds will overflow at elevation 899.8 to Anoka County Ditch 10-22-32.
 2. There are no wetland impacts associated with this project.
 3. The 100-year elevation of the ponds is 899.8 (overflow). The lowest floor elevation is to be 901.8.

Board Action:

9/22/95
EJT

Permit Application No. 95-47: T.A. Schifsky & Sons, Inc.
(Successful Bidder, City of Roseville)

RAT

Recommendation: Ratification of administrative approval.

Location: County Road C, Woodhill Drive, Civic Center Drive, Terrace Drive, Judith Avenue, Huron Street, Dellwood Street, Merrill Street, Acorn Road, Centennial Drive, Pascal Avenue, Terrace Drive, Roseville.

T-R-S: 29-23-3, 8

Purpose: Approval of a Roadway Reconstruction Plan for 11 separate streets, 2.8± miles total length.

Exhibits: 1. Permit Application, unsigned, undated, received April 13, 1995.
2. Roadway Construction Plans prepared by the City of Roseville, dated March 28, 1995, received April 11, 1995.

Findings: 1. The project consists primarily of resurfacing roadways. In a few isolated areas, repairs will be made to sanitary sewer lines. New storm sewer will be placed under two stretches of road: 1,029 feet under Acorn Road and 275 feet in two segments under Civic Center Drive.
2. The stormwater discharge for Acorn Street is routed to a designated stormwater pond east of Acorn Street and then to the designated stormwater pond at I-35W and County Road C.
3. Both segments of new storm sewer at Civic Center Drive will be located below an existing curb and guttered street and will tie into existing catchbasins. No new concentrated storm sewer discharges will be added to the existing storm sewer systems. No new storm sewer outfalls will be constructed.
4. Rate control is not an issue as there will be no increase in discharge resulting from the site. Water quality is also not an issue as all trunk sewers outlet to designated ponding areas.
5. The required \$1,000 cash surety was transferred from RCWD Permit 94-206.

Board Action:

9/22/95
EJT

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

1. *FULLFILLMENT OF WCA PUBLIC NOTICE REQUIREMENTS*

1. Proof that the Notice of Use Restriction and Maintenance Responsibility for the replacement wetland shall be properly filed and recorded prior to any wetland fill activity.

Stipulations:

1. This permit applies to development of the 1st Addition and grading of the two ponds between the 1st, 2nd and 3rd Additions only.
2. The replacement wetland approved as part of this permit shall be constructed concurrent or 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: Northeast quadrant of Sunset Road and Lilac Street, Lino Lakes.

T-R-S: 31-22-7 c and d

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of the 1st Addition of a single family residential development to be known as Behm's Century Farm, 105± acres, 160 lots (1st Addition, 30 acres, 65 lots).

- Exhibits:
1. Permit Application, dated April 13, 1995, received April 13, 1995.
 2. Preliminary Grading Plan prepared by J. C. Johnson Consultants, Inc., last revised June 19, 1995, received July 20, 1995.
 3. Concept sketch prepared by J. C. Johnson Consultants, Inc., dated April 13, 1995, received April 13, 1995.
 4. Preliminary plat prepared by J. C. Johnson Consultants, Inc., dated July 19, 1995, received July 20, 1995.
 5. Hydraulic/hydrologic calculations prepared by John C. Johnson, last revised July 12, 1995, received July 20, 1995.
 6. WCA Sequencing Narrative and Replacement Plan Application prepared by Peterson Environmental Consulting, Inc., dated August 11, 1995, received August 15, 1995.
 7. Cash surety in the amount of \$6,000, received June 8, 1995.

9/22/95
EJT

Recommendation: Ratification of administrative approval.

Location: Southeast quadrant of Fordham Drive and 39th Avenue, St. Anthony.

T-R-S: 30-23-31 dabb

Purpose: Approval of a Final Site Drainage Plan for construction of a multi-family residential development to be known as The Village Commons, 2 single family residences, 12 townhomes, 3.5± acres.

- Exhibits:
1. Permit Application, dated, received May 11, 1995, received May 11, 1995.
 2. Preliminary plan prepared by Hy-Land Surveying, last revised May 10, 1995, received May 11, 1995.
 3. Grading and Erosion Control Plan prepared by Ulteig Engineering, dated May 10, 1995, received May 11, 1995.
 4. RCWD Permit File 91-70.
 5. Cash surety in the amount of \$2,000, received August 22, 1995.

- Findings:
1. Project site lies immediately south of Evergreen Terrace, reviewed by RCWD as Permit 91-70.
 2. NWI maps show two small Type III (PEMC) wetlands on site. Discussions with project engineer suggest that these wetlands may have been filled in the past.
 3. The stormwater pond has adequate live and dead storage volumes to satisfy District requirements.
 4. Rate control for the site is maintained through a baffled weir and a 12-inch RCP. The weir is the controlling structure for the 1-year event reducing flows from 1 cfs to 0.5 cfs (existing vs proposed). For the 100-year event, the culvert controls outflows; limiting discharge to 3.6 cfs from an existing flow of 5.9 cfs.
 5. Erosion control silt fence, construction entrances, hay bales, riprap, and erosion maps are specified for sediment control.

Board Action:

9/22/95
EJT

Permit Application No. 95-94: Veit and Company
(Successful Bidder, City of Arden Hills)

RAT

Recommendation: Ratification of administrative approval.

Location: Northeast and southeast quadrants of Thom Drive and New Brighton Road, Arden Hills.

T-R-S: 30-23-28 cdbc

Purpose: Approval of a Final Site Drainage Plan for resurfacing an existing parking lot for a 17± acre public park.

Exhibits:

1. Permit Application, unsigned, undated, received July 7, 1995, signed by Successful Bidder, August 17, 1995.
2. Grading and Utility Plan prepared by MSA, dated June 23, 1995, received July 7, 1995.
3. Outlet control structure design detail prepared by MSA, dated August 4, 1995, received August 4, 1995.
4. NURP pond sizing calculations prepared by MSA, dated August 2, 1995, received August 3, 1995.
5. Cash surety in the amount of \$2,000, received August 17, 1995.

Findings:

1. Proposed project involves repaving an existing 2± acre parking lot and some site grading for creation of four new ball fields.
2. All drainage from impervious areas will be routed to an on-site detention pond for water quality treatment. Rate control is not an issue as redevelopment will cause no increase in volumes and rates of stormwater runoff. The pond will outlet to a large Type IV (PEMF) wetland to the east of the site.
3. NWI maps show wetlands in the project vicinity but none on site.

Board Action:

9/22/95
EJT

Permit Application No. 95-97: Joel and Karen Nelson

RAT

Recommendation: Ratification of administrative approval.

Location: 150 feet south of the southwest quadrant of East Street and Park Avenue, White Bear Township.

T-R-S: 30-22-11 daad

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan for coordination of two lots and construction of a single family residence, 0.4± acres.

Exhibits:

1. Permit Application dated July 13, 1995, received July 13, 1995.
2. Plot plan prepared by Kurth Surveying, Inc., last revised August 31, 1995, received September 5, 1995.
3. Drainage easement legal description prepared by Kurth Surveying, dated July 12, 1995, received July 13, 1995.
4. Calculations of the 100-year flood elevation for County Ditch 11 at Park Avenue prepared by Charles Plowe, dated July 28, 1995, received July 28, 1995.
5. Cash surety in the amount of \$250, received September 1, 1995.

Findings:

1. Applicant is proposing combination of Lots 6 and 7 of Block 7 of Bald Eagle Park. The site is located across East Street from Ramsey County Ditch 11 (within 300 feet).
2. All site drainage is to County Ditch 11 through overland flow or through an 8-inch clay tile line which lies across both Lots 6 and 7 within 15 feet of the house location.
3. Easements have been provided over the pipeline corridor. The easement extends 7.5 feet south and 12.5 feet north of the centerline of the tile lie along its entire length.
4. NWI maps show no wetlands on site.
5. The 100-year peak flood elevation for the site is 921.5. An extended duration discharge for White Bear Lake of 38 cfs is expected following a 100-year event. This flow would cause a headwater of 920.2 feet at Park Avenue.
6. The residence is located across East Street at County Ditch 11. East Street has an overflow of 922.3. (This emergency overflow for Park Avenue is 923.6.)

Board Action:

9/22/95
EJT

Permit Application No. 95-103: Michael and Linda McGrath and
D.C. and Company

TWAFAA

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

1. Revised preliminary plat conveying easements over wetlands.
2. Calculations demonstrating pond dead storage volume in accordance with District requirements.
3. Documentation of ultimate receiving body for stormwater runoff.
4. Cash surety in the amount of \$2,000.

Location: Northeast quadrant of East Avenue and Hickory Street, Mahtomedi.

T-R-S: 30-21-20 ddc

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development, 10 lots, 4.8± acres.

Exhibits:

1. Permit Application, dated July 14, 1995, received July 13, 1995.
2. Revised Wetland Sequencing Narrative and WCA Replacement Plan Application, dated August 9, 1995, received August 10, 1995.
3. Wetland Delineation Report prepared by SEH, dated August 3, 1995, received August 10, 1995.
4. Grading, Drainage, and Erosion Control Plan prepared by Comstock and Davis, Inc., dated September 13, 1995, received September 14, 1995.
5. Hydrologic/hydraulic calculations prepared by Comstock and Davis, dated August 15, 1995, received September 14, 1995.

Findings:

1. The project has been revised twice since the July 1995 application. The number of lots has been reduced from 12 to 10.
2. The revised Sequencing Narrative identifies three wetlands on site with a total area of 0.53 acres (down from 0.95 acres). The narrative says these wetlands have been unintentionally enlarged due to the loss of drainage routes through construction of roadways. The original wetland area was 0.3 acres.

Only two wetlands are shown on the Grading Plan.

9/22/95
EJT

Permit Application No. 95-103: Michael and Linda McGrath and
D.C. and Company

3. The proposed plan identifies two on-site ponds for treatment of stormwater. The northern ponds receive concentrated runoff from the cul-de-sac. The southern pond is located adjacent to a wetland and receives runoff from backyards.
4. Rate control is satisfied by the pond design. However, no information has been provided regarding the dead ~~pool~~ volume for the ponds.
Pool

Board Action:

9/22/95
EJT

Permit Application No. 95-108: Dennis and Dana Murray

RAT

Recommendation: Ratification of administrative approval.

Location: 229 Wildwood Avenue, Birchwood Village.

T-R-S: 30-21-30 bba

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake.

- Exhibits:
1. Permit Application, dated July 31, 1995, received August 2, 1995.
 2. Site Plan, undated, received August 2, 1995.
 3. RCWD Permit Files 90-25, 90-52, and 95-117.
 4. Cash surety in the amount of \$500, received September 8, 1995.

- Findings:
1. Applicant proposes building a residence on a currently developed lot. The existing structure will be demolished and a new house will be built.
 2. The house will be set back approximately 60 feet from the OHW of White Bear Lake of 924.7. This exceeds District requirements by 10 feet.
 3. The 100-year flood elevation of White Bear Lake is 926.7. From comparison of the site plan's local datum to 2-foot topography for the area, it appears that the lowest proposed floor will be 932.4 at a minimum.

Board Action:

9/22/95
EJT

Permit Application No. 95-113: Lloyd and Diane Hansen

RAT

Recommendation: Ratification of administrative approval.

Location: 1588 Sorel Street, Centerville.

T-R-S: 31-22-23 bcac

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to Clear Lake.

- Exhibits:
1. Permit Application, dated August 7, 1995, received August 8, 1995.
 2. Certificate of Survey prepared by John Oliver and Associates, Inc., dated August 30, 1995, received September 11, 1995.
 3. RCWD Permit File 94-138.
 4. Cash surety in the amount of \$500, received September 6, 1996.

- Findings:
1. Site is immediately north of the site permitted under RCWD 94-138, also by Mr. and Mrs. Hansen.
 2. The minimum floor elevation is specified at 888.7, 2.45 feet above the 100-year flood for Centerville Lake (886.25, TKDA, 80R06).
 3. Centerville Lake is a recreational water and requires a 75-foot setback from the lake OHW.

Board Action:

9/22/95
EJT

Permit Application No. 95-114: Medtronic, Inc.

RAT

Recommendation: Ratification of administrative approval.

Location: 7000 Central Avenue N.E., Fridley.

T-R-S: 30-24-12 cacd

Purpose: Approval of a Final Site Drainage Plan for construction of a parking lot expansion for an existing business center.

- Exhibits:
1. Permit Application, dated August 1, 1995, received August 9, 1995.
 2. Grading and Erosion Control Plan prepared by Wille Associates, Engineers, Ltd., dated August 7, 1995, received August 9, 1995.
 3. Hydraulic/hydrologic calculations prepared by Wille Associates, Engineers, Ltd., last revised August 22, 1995, received August 22, 1995.
 4. RCWD Permit File 92-92.
 5. Cash surety in the amount of \$2,000, received August 31, 1995.

- Findings:
1. Proposed project involves construction of 20,412 sq ft of additional parking surfaces.
 2. Stormwater will be collected by an existing storm sewer system and controlled through an existing onsite pond.
 3. The existing on-site pond will be enlarged to accommodate the increased runoff volumes from the new impervious surface. An additional dead storage volume of 4,252 sq ft will be provided through excavations in the pond below the invert of the outlet.
 4. NWI maps show no wetlands on site.

Board Action:

9/22/95
EJT

Permit Application No. 95-116: Northern Technologies International Corp. TWAFAA

APPROVAL

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

~~1. Additional Permit Application fee of \$250.~~

Location: 7,000 feet south of southeast quadrant of 141st Avenue N.E. and Lake Drive (immediately south of 13957 Lake Drive), Columbus Township.

T-R-S: 32-22-33 abc

Purpose: Approval of a Final Site Drainage Plan for construction of an office-warehouse building, 10± acres.

Exhibits: 1. Permit Application, dated August 10, 1995, received August 10, 1995.

2. Topographic and boundary survey prepared by E. G. Rud and Sons, Inc., last revised September 8, 1995, received September 8, 1995.

3. Drainage, Grading, and Erosion Control Plan prepared by Charles Plowe, received September 8, 1995.

4. RCWD Permit File 95-125.

5. Wetland Delineation Report prepared by Anoka conservation District, dated September 15, 1995, received September 15, 1995.

6. Cash surety in the amount of \$3,000, received August 22, 1995.

Findings: 1. Applicant proposes construction of 2.1 acres of new impervious area on a currently undeveloped site.

2. A revised topographic survey has been received which indicates an easement around the wetland area. The easement does not cover the proposed ponding area.

3. NWI maps show Type VI (PSS1) wetlands occupying the eastern portion of the site. Wetlands are indicated on the topographic plan but no clear boundary is shown. Per a preliminary review by the District Administrator, no wetland impacts are proposed.

Board Action:

9/22/95
EJT

Recommendation: Ratification of administrative approval.

Location: 121 Wildwood Lane, Birchwood Village.

T-R-S: 30-21-30 bba

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake.

- Exhibits:
1. Permit Application, dated August 8, 1995, received August 10, 1995.
 2. Certificate of Survey prepared by E.G. Rud and Sons, dated April 27, 1995, received August 10, 1995.
 3. RCWD Permit Files 90-25, 90-52, and 95-108.
 4. Cash surety in the amount of \$500, received September 6, 1995.

- Findings:
1. Applicant is proposing reconstruction of a residence on a currently developed lot. Activities will include only reconstruction of the house. An existing boathouse and dock area will remain unchanged.
 2. The new house will be set back over 50 feet from the OHW (924.7) of White Bear Lake. This is in exceedence of District requirements.
 3. The minimum floor elevation will be no lower than approximately 940±, well above the 100-year flood elevation of 926.7.

Board Action:

9/22/95
EJT

Recommendation: Ratification of administrative approval.

Location: Northwest quadrant of 36th Avenue N.E. and Highcrest Road, St. Anthony.

T-R-S: 29-23-6 aaaa

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition to the Wilshire Park Elementary School.

- Exhibits:
1. Permit Application, dated August 9, 1995, received August 10, 1995.
 2. Grading and Erosion Control Plan prepared by Clark Engineering, dated August 15, 1995, received August 10, 1995.
 3. Storm sewer map for City of St. Anthony, undated, received August 10, 1995.
 4. RCWD Permit File 95-120.
 5. Cash surety in the amount of \$1,000, received September 6, 1995.

- Findings:
1. The proposed project involves construction of two building additions for a total increase in impervious area of 15,000± sq ft. A new parking area will be constructed along the 37th Avenue N.E. entrances with an increase in impervious surface of 5,000± sq ft.
 2. Runoff rate control and water quality concerns are not an issue as the site drains to a regional pond located at the southwest corner of 39th Avenue and Highcrest Road. This pond is a designated stormwater pond as identified by the City of St. Anthony Storm Sewer Plan.
 3. NWI maps show no wetland on site.

Board Action:

9/22/95
EJT

Recommendation: Ratification of administrative approval.

Location: Northeast quadrant of 33rd Avenue N.E. and Silver Lake Road, St. Anthony.

T-R-S: 29-23-6 acc

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition to the St. Anthony High School.

Exhibits:

1. Permit Application, dated August 9, 1995, received August 10, 1995.
2. Grading and Erosion Control Plan prepared by Clark Engineering, dated August 15, 1995, received August 10, 1995.
3. Storm sewer map for City of St. Anthony, undated, received August 10, 1995.
4. RCWD Permit File 95-119.
5. Cash surety in the amount of \$1,000, received September 6, 1995.

Findings:

1. The proposed project involves construction of a 4,000 sq ft addition to an existing school building.
2. Runoff rate control and water quality are handled by a regional pond located at the southwest corner of 39th Avenue N.W. and Highcrest Road. This pond is a designated stormwater pond as identified by the City of St. Anthony storm sewer plan.
3. NWI maps show no wetlands on site.

Board Action:

9/22/95
EJT

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

1. Field verification of wetland boundaries.
2. Cash surety in the amount of \$3,000.

Location: Northwest quadrant of 89th Avenue N.E. and I-35W service drive, Blaine.

T-R-S: 31-23-34 adc

Purpose: Approval of a Land Development Plan for construction of an office-warehouse building, 9.6 acres.

- Exhibits:
1. Permit Application, dated August 10, 1995, received August 10, 1995.
 2. Hydraulic/hydrologic calculations prepared by Larson Engineering, last revised September 8, 1995, received September 11, 1995.
 3. Site Plan prepared by Carley Torgersen, Inc., dated September 7, 1995, received September 11, 1995.
 4. Wetland Delineation Report prepared by Professional Engineering Consultants, dated August 15, 1995, received August 17, 1995.
 5. RCWD Permit File 93-153.

- Findings:
1. Applicant is proposing creation of 1.81 acres of impervious area on a currently undeveloped site. This is a reduced Site Plan from previous submittals which included a lot to the north.
 2. NWI maps show extensive wetlands on site. These wetlands are delineated on the Grading Plan and cover nearly 50% of the site. No impact is shown for these wetlands.
 3. An on-site detention basin is shown for the site to treat stormwater quality and runoff rates. The pond has been designed to meet District requirements. The pond design shown in the result of several iterations with the final result being a pond which does not fill wetland(via berming) or drain wetlands (via a low outlet).
 4. Because development activities are being confined to one lot, a previous requirement for an easement document has been removed.

Board Action:

9/22/95
EJT

Recommendation: Ratification of administrative approval.

Location: 600 feet east of southeast quadrant of 20th Avenue and Main Street, Centerville.

T-R-S: 31-22-24 bb

Purpose: Approval of a Final Site Drainage Plan for construction of an office-warehouse building riparian to Branch 5 of Clearwater Creek, 2.1 acres.

Exhibits: 1. Permit Application, dated August 9, 1995, received August 10, 1995.
2. Site Plan prepared by Greystone Construction Company, dated August 9, 1995, received August 10, 1995.
3. RCWD Permit Files 87-51 and 95-17.
4. Cash surety in the amount of \$1,000, received September 1, 1995.

Findings: 1. The 100-year floodplain for the site is 906.0 per FIS. The modeled flood elevation for Clearwater Creek calculated after the Centerville ditch improvements for the cross section immediately upstream of 20th Avenue is predicted to be 902.8, 5.4 feet lower than the modeled pre-improvement 100-year flood elevation of 908.2.

Because the site is located in a flood fringe area, the reduction in flood elevation resulting from the Centerville ditch improvement will likely have a significant effect on the flood elevation for this site. It is likely that the site will no longer be located within the 100-year floodplain.

2. The project site is located within a development area approved under RCWD Permit 87-51. The 1987 plan included stormwater ponding for this site.
3. Applicant is proposing construction of 0.36± acres of impervious area on a 1.4± acre lot.
4. NWI maps and aerial photos for the area show no wetlands on site.

Board Action:

9/22/95
EJT

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

1. Revised easement boundary covering all wetlands on the existing site (northern parcel).

Location: 13957 Lake Drive, Columbus Township.

T-R-S: 32-22-33 abc

Purpose: Approval of a Land Development to divide an 11.35-acre parcel from a 27.56-acre lot.

- Exhibits:
1. Permit Application, dated August 11, 1995, received August 11, 1995.
 2. Topographic and boundary survey prepared by E.G. Rud and Sons, dated September 1, 1995, received September 5, 1995.
 3. Wetland Delineation Report prepared by Anoka Conservation District, dated September 15, 1995, received September 15, 1995.
 4. RCWD Permit File 95-116.

Findings: 1. Applicant proposes lot split only. Construction activities are to be covered by RCWD Permit 95-116 by a different applicant.

Board Action:

9/22/95
EJT

Recommendation: Approval of renewal.

Location: Southeast quadrant of Portland Avenue and Short Street, White Bear Township.

T-R-S: 30-21-6 bcd

Purpose: Approval of renewal of RCWD Permit 94-98 for a Final Site Drainage Plan for a home construction project adjacent to DNR Protected Wetland 82-326P, 1.76± acres.

Exhibits: 1. Permit Application, dated August 16, 1995, received August 17, 1995.

2. RCWD Permit Files 86-15, 91-62, and 94-98.

Findings: 1. Applicant proposes no changes to previously approved plans.

2. This is the second renewal of this permit.

3. The proposed project involves some minor wetland fill which qualifies for WCA Exemption 25 (for areas of impact <400 sq ft).

Board Action:

9/22/95
EJT

Permit Application No. 95-128: Sts. Volodymyr and Olga Ukrainian
Orthodox Church

APP

Recommendation: Approval of renewal.

Location: Southwest quadrant of CSAH 96 and Snelling Avenue, Arden Hills.

T-R-S: 31-23-21 aaaaa

Purpose: Approval of renewal of RCWD Permit 94-133 for a Final Site Drainage Plan for construction of Ukrainian Orthodox Church, 4.3± acres.

Exhibits: 1. Permit Application, dated August 25, 1995, received August 30, 1995.
2. RCWD Permit Files 90-120 and 94-133.
3. RCWD CSMP 84C02.

Findings: 1. Applicant is proposing no changes to previously approved plans.
2. This is the second renewal of this permit.
3. Project site is located within the area defined by CSMP 84C02. Stormwater rate control is addressed by this plan.
4. Since original approval, the WCA permanent rules have been enacted. This site involves some wetland impact as defined by WCA. This impact is exempt under WCA Exemption 24 for work on approved plans during the period between July 1, 1986 and January 1, 1992.

Board Action:

9/22/95
EJT

Permit Application No. 95-129: Gerald Rehbein

APR
~~TWAFAA~~

Recommendation: ~~Table with authorization for administrative action pending receipt of:~~
APPROVAL OF RENEWAL

- ~~1. Investigation into erosion problems at Acorn Creek and Clearwater Creek potentially resulting from the Acorn Creek residential development.~~

Location: 74th Street (north of Acorn Creek, east of Old Mill Road), Centerville.

T-R-S: 31-22-14 dba

Purpose: Approval of renewal of RCWD Permit 93-114 of a Land Development and Final Site Drainage Plan for construction of a residential development to be known as Acorn Creek 2nd Addition, 69 lots, 36± acres.

- Exhibits:
1. Permit Application, dated August 29, 1995, received September 1, 1995.
 2. Sanitary sewer, watermain, storm sewer, and street construction plans prepared by MSA, undated, received September 1, 1995.
 3. RCWD Permit File 93-114.

- Findings:
1. The current application's intent is to renew Permit 93-114 (first renewal) but only plans for construction of 900 feet of 784th Street and associated utilities have been submitted.

Proposed construction activities are labeled as part of Acorn Creek 2nd Addition but were reviewed under RCWD Permit 93-114.

2. Storm sewer for the new street will drain south to a detention basin located north of 73 1/2 Street, constructed as part of the Acorn Creek development.

The pond is in reality a widening of Acorn Creek and outlets west and north of the terminus of Mill Road (at Peltier Lake Drive) to Clearwater Creek. The City of Centerville has reported problems at Acorn Creek north of Mill Road which may be the result of the Acorn Creek development.

3. A cash surety in the amount of \$8,200 is on file under RCWD Permit 93-114.

Board Action:

9/22/95
EJT

Permit Application No. 95-130: Successful Bidder, City of Lino Lakes

TWAFAA

Recommendation: Table pending receipt of:

1. Signed Permit Application.
2. Quantification of wetland impacts.
3. Documentation of WCA Exemption ^{OR} ~~WCA~~ WCA Replacement Plan application.
4. Cash surety in the amount of \$2,000.

Location: Southwest quadrant of Birch Street and 12th Avenue, Lino Lakes.

T-R-S: 31-22-28 daaa

Purpose: Approval of a Wetland Alteration Plan for excavation in a private ditch (Lamotte Ditch), 466 feet.

Exhibits:

1. Permit Application, unsigned, undated, received September 6, 1995.
2. Ditch excavation plans prepared by SEH, undated, received September 8, 1995.

Findings:

1. The city is proposing excavation within a private ditch which is tributary to County Ditch 25. The area has been heavily altered due to past excavating activities. The RCWD has issued eight permits since 1977 for public and private excavations within County Ditch 25 and private laterals in the vicinity of Lamotte Ditch.
2. Wetland impacts associated with this project may be exempt from WCA by exemption 3 (drainage system repair and maintenance) if it can be demonstrated that wetlands which have been in existence for more than 20 years are not impacted. Spoils must be placed within the ditch right-of-way.
3. Agricultural Exemptions 1, 2, 6, or 7 may also apply, subject to recording of a deed restricting limiting use of the land to agricultural uses for a period of 10 years.

Board Action:

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1
To <u>TODD ERICKSON</u>	From <u>ERIC THOMPSON</u>	
Co. <u>SEH</u>	Co.	
Dept.	Phone # <u>585-5273</u>	
Fax # <u>490-2150</u>	Fax #	

9/22/95
EJT

Permit Application No. 95-131: Jeff and Jeane Muellner

WDL
~~TWAFAA~~

Recommendation:

~~WITHDRAWN~~
~~Table with authorization for administrative action pending receipt of:~~

- ~~1. An Erosion Control Plan.~~
- ~~2. Cash surety in the amount of \$250.~~

Location: 7268 Centerville Road, Centerville.

T-R-S: 31-22-14 ccaa

Purpose: Approval of a Final Site Drainage Plan for construction of a 1,200 sq ft pole building.

- Exhibits:
1. Permit Application, dated August 30, 1995, received September 6, 1995.
 2. Site Sketch Plan prepared by Applicant, undated, received September 6, 1995.

- Findings:
1. NWI maps show no wetlands in the immediate project vicinity.
 2. The pole shed will be set back approximately 600 feet from Peltier Lake and will be over 10 feet above the lake normal water level.

Board Action: 3 THE APPLICATION IS TO BE WITHDRAWN PER THE APPLICANT'S REQUEST.

9/22/95
EJT

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

1. Cash surety in the amount of \$2,000.

Location: 200 feet east of southeast quadrant of Spring Lake Road and Highway 10, Spring Lake Park.

T-R-S: 30-23-6 cca

Purpose: Approval of a Final Site Drainage Plan for construction of a multifamily residential development to be known as Pleasant View Townhomes, 21 units, 2.6± acres.

- Exhibits:
1. Permit Application, dated August 14, 1995, received September 7, 1995.
 2. Preliminary Grading and Utility Plan prepared by Midwest Land Surveyors and Civil Engineers, Inc., last revised September 5, 1995, received September 7, 1995.
 3. Dead storage calculations prepared by Midwest Land Surveyors and Civil Engineers, Inc., dated August 31, 1995, received September 7, 1995.
 4. Hydrologic/hydraulic calculations prepared by Midwest Land Surveyors and Civil Engineers, Inc., dated August 28, 1995, received September 7, 1995.

- Findings:
1. Site drainage is routed to an on-site detention pond which has been designed in accordance with District standards. The pond outlets to an existing storm sewer which drains to Spring Lake.
 2. NWI maps show no wetlands on site.
 3. The 100-year flood elevation in the pond is 913.4, 5.1 feet lower than the nearest lowest building floor.

Board Action:

9/22/95
EJT

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

1. Cash surety in the amount of \$1,000.

Location: 5342-142nd Street N., Hugo.

T-R-S: 31-21-20 cacc

Purpose: Approval of a Land Development Plan for construction of a residential development to be known as Oneka Estates 2 (subdivision of two lots from a single 2.0± acre lot).

Exhibits:

1. Permit Application, dated September 11, 1995, received September 12, 1995.
2. Grading Plan prepared by Hy-Land Surveying, P.A., dated August 29, 1995, received September 12, 1995.

Findings:

1. NWI maps show no wetlands on site.
2. Drainage for the site is north to a private extension of branch 2 of Clearwater Creek and east to Egg Lake.
3. Site development will result in no new concentrated flows.
4. Currently submitted development plans show some minor site grading to create suitable building plan. Erosion control consists of silt fence placed around the construction area. The Grading Plan notes the home on Lot 3 to be under construction.

Board Action:

Recommendation: Approval of renewal.

Stipulation: Before current grading activities begin, the stormwater treatment pond associated with RCWD Permit 91-143 must be regraded according to the approved plan.

Location: 3033 Snelling Avenue N., Roseville.

T-R-S: 29-23-4 aabd

Purpose: Approval of renewal of RCWD Permit 94-141 of a Final Site Drainage Plan for construction of a new physical education center.

Exhibits: 1. Permit Application, dated September 11, 1995, received September 12, 1995
2. RCWD Permit Files 86-25, 91-143, and 94-141.

Findings: 1. Applicant proposes no changes to previously approved plans.
2. This is the first renewal of this permit.

Board Action:

Recommendation: Approval of renewal.

Location: Northwest quadrant of 89th Avenue N.E. and I-35W service drive, Blaine.

T-R-S: 31-22-21 bdcc

Purpose: Approval of renewal of RCWD Permit 92-66 of a shoreland improvement and wetland alteration for construction of a beach sand blanket and boat launch for motorized boats.

Exhibits: 1. Permit Application, dated August 27, 1995, received September 13, 1995.
2. RCWD Permit File 92-66.

Findings: 1. This is the first renewal of this permit.
2. Applicant is proposing no changes to previously approved plans.
3. A cash surety in the amount of \$250, received June 8, 1992.
4. There are no wetland impacts associated with the project.

Board Action:

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

1. Erosion Control Plan.
2. Cash surety in the amount of \$250.

Location: 16225 Kettle River Boulevard, Columbus Township.

T-R-S: 31-22-14 bcaa

Purpose: Approval of a Final Site Drainage Plan for construction of a 1,500 sq ft pole building.

Exhibits:

1. Permit Application, dated September 14, 1995, received September 14, 1995.
2. Lot survey prepared by Hult and Associates, dated July 19, 1990, received September 14, 1995.

Findings:

1. NWI maps show no wetlands on site.
2. The proposed pole building will be set back approximately 280 feet from the shoreline of Howard Lake. This exceeds setback requirements.
3. The lowest floor elevation is specified at 904.0; the 100-year elevation of Howard Lake is 888.9.

Board Action:

9/22/95
EJT

10

Permit Application No. 95-137: Crossroads Evangelical Covenant Church TWAFAA

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

1. Erosion Control Plan.
2. Plans for construction of a grassed swale along the south and east edge of the existing parking lot and the east edge of the new parking lot for conveyance of stormwater to the existing ditch to the southwest.
3. Cash surety in the amount of \$1,000.

Location: 17445 Notre Dame Street, Columbus Township.

T-R-S: 32-22-2 dcbb

Purpose: Approval of a Final Site Drainage Plan for construction of a 0.56-acre addition to a parking lot for an existing office/warehouse building, 5.85 acres.

- Exhibits:
1. Permit Application, dated September 12, 1995, received September 14, 1995.
 2. Certificate of Survey prepared by Hult and Associates, last revised 9/23/95, received 9/14/95.
 3. RCWD Permit File 83-135.

- Findings:
1. The original church development was permitted by the RCWD in 1983 (83-135). The 1983 permit was for construction of approximately 1.5 acres of impervious area. Sometime between 1983 and today, an additional paved parking area was constructed (unpermitted) creating a total site impervious area of 3.85 acres. The currently proposed project involves construction of a 14,000-foot parking area and a 36,000 sq ft building. The entire site will subsequently have approximately 5.0 acres of impervious area.
 2. There are currently no rate control or water quality treatment devices located on site.
 3. The site drains to Branch 1 of County Ditch 31.
 4. NWI maps show no wetlands on site.
 5. Although the site has been extensively converted to paved areas, rate control is not a big concern due to the large amounts of storage available in wetlands and lakes downstream.

9/22/95
EJT

Permit Application No. 95-137: Crossroads Evangelical Covenant Church

Water quality, however, could be greatly enhanced for the whole site (retrofit) through construction of a 10-foot wide, 2-foot deep grassed swale along the southeast edges of the existing and proposed parking areas. This low cost alternative to ponding will most likely provide better water quality benefits (for the whole site) than would a pond designed to treat runoff from just the new development.

Board Action:

9/22/95
EJT

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

1. Submerged outlet-outlet control structure.
2. Hydrologic/hydraulic calculations for 100-year rainfall.
3. Field verification of wetland boundaries.
4. Preliminary plat conveying easements over wetlands, ponding areas, and other drainage features.
5. Cash surety in the amount of \$2,000.

LEON, MY COPY SAID 100-YR
BUT WAS REALLY 10-YR
(4.1")



Location: 300 feet east of northeast quadrant of 101st Avenue and Xylite Street N.E., Blaine.

T-R-S: 31-23-22 cccd

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan for construction of an industrial facility on a 2.2-acre division from a 7.9± acre parcel.

- Exhibits:
1. Permit Application, dated September 13, 1995, received September 14, 1995.
 2. Grading and Erosion Control Plan prepared by Pioneer Engineering, dated September 14, 1995, received September 14, 1995.
 3. Hydrologic/hydraulic calculations prepared by Pioneer Engineering, dated September 12, 1995, received September 14, 1995.
 4. Wetland Delineation Report prepared by Arlig Environmental, Inc., dated October 17, 1994, received September 14, 1995.

- Findings:
1. Applicant is proposing development of a 2.2-acre lot which will be divided from a 7.9-acre parcel. The site will have an on-site detention pond which meets District requirements.
 2. The pond outlets to a roadside ditch north of 101st Avenue and a wetland west of the site, ultimately to Ditch 53-62.
 3. The detention pond has been sized to handle drainage from the developed 2.2-acre site and the undeveloped larger parcel. At the time the larger parcel is developed, additional stormwater facilities will be required.
 4. The Wetland Report identifies a small wetland on the southwest corner of the property. This wetland will not be impacted.

Board Action:

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1
To LEON OPATZ	From ERIC THOMPSON	
Co.	Co.	
Dept.	Phone # 595-5273	
Fax # 783-1883	Fax #	

9/22/95
EJT

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

1. Field verification of wetland boundaries.
2. Cash surety in the amount of \$500.

Location: 33 Apple Orchard Road, Dellwood (400 feet north of northwest quadrant of Tamarisk Road and Apple Orchard Road).

T-R-S: 30-21-7 dbda

Purpose: Approval of a Wetland Alteration and Final Site Drainage Plan for construction of a single family residence and creation of two wildlife ponds.

Exhibits:

1. Permit Application, dated September 12, 1995, received September 14, 1995.
2. Certificate of Survey prepared by Frank Cardarelle, dated September 6, 1995.
3. Grading Plan prepared by R. Nelson Engineers, dated September 11, 1995, received September 14, 1995.
4. Project narrative prepared by Applicant, dated September 12, 1995, received September 14, 1995.
5. Wetland delineation Report prepared by Chris Lord, dated August 26, 1995, received September 14, 1995.

Findings:

1. The Wetland Delineation Report identifies a large Type III (PEMC) wetland occupying over 50% of the site. This wetland will be altered through excavation of two open water ponds and placement of the spoil material as fill for approximately 400 sq ft of wetland near the proposed driveway.
2. The fill quantity will qualify for WCA Exemption 25 (deminimus).
3. The lowest floor elevation proposed for the house is 947. The lowest elevation of the drainfield is approximately 943. The 100-year flood for the area is 921.1.

Board Action:

9/22/95
EJT

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

1. Field verification of wetland boundaries.
2. Revised plan showing no fill in designated easement areas.
3. Cash surety in the amount of \$250.

Location: 11100 National Street N.E., Blaine.

T-R-S: 31-23-13 bddc

Purpose: Approval of a Wetland Alteration Plan for creation of a wildlife pond.

- Exhibits:
1. Permit Application, dated September 14, 1995, received September 14, 1995.
 2. Wetland Delineation Report prepared by Blaine Paschke, dated November 16, 1992, received September 18, 1995.
 3. Certificate of Survey prepared by Ronald Alwin, undated, received September 14, 1995.
 4. RCWD Permit 93-28.

- Findings:
1. Applicant is proposing excavation of an open water pond in a wetland to gain fill for the house pad.
 2. Silt fence will be placed downslope of all spoils placement areas.
 3. Spoils will be placed no lower than elevation 900.0. The 100-year floodplain for the site is 899.0.
 4. The wetland delineation for the site appears to cover only the eastern portion of the site. A field inspection will be required to verify the presence of wetlands on the western portion of the site.
 5. The project site is Lot 5 of the Lochness Prairie Addition, permitted under RCWD 93-28. Fill shown on the Certificate of Survey will fall within easements designated on the 1993 plat document.

Board Action:

9/22/95
EJT

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

2. FULLFILLMENT OF WCA PUBLIC NOTICE REQUIREMENTS.

3. EVIDENCE THAT DECLARATION OF RESTRICTIONS / COVENANTS FOR REPLACEMENT WETLAND HAS BEEN PROPERLY FILED & RECORDED

1. Specification of riprap at all storm sewer outfalls.

5. ~~2.~~ Cash surety in the amount of \$25,000.

Location:

1,700 feet south of the southeast quadrant of 11th Avenue and Highway 61, Forest Lake Township.

Area:

32-21-17 acac

Purpose:

Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of the Forest Lake Doctor's Clinic, 32.± acres.

Exhibits:

1. Permit Application, dated September 13, 1995, received September 14, 1995.
2. WCA Sequencing Narrative and Replacement Plan Application prepared by Applicants, dated September 14, 1995.
3. Wetland Delineation Report prepared by Schoell & Madson, Inc., dated May 25, 1995, received September 14, 1995.
4. Grading and Erosion-Sediment Control Plans prepared by STS, Consultants, Ltd., dated September 14, 1995, received September 14, 1995.
5. Boundary and topographical survey prepared by Schoell & Madson, dated May 17, 1995, received September 14, 1995.
6. Outlet control structure design detail prepared by Horty Elving & Associates, Inc., dated September 7, 1995, received September 14, 1995.
7. Hydrologic/hydraulic calculations prepared by Horty Elving & Associates, Inc., dated August 28, 1995, received August 14, 1995.

Findings:

1. Applicant is proposing construction of 2.7 acres of new impervious area.
2. Site drainage is routed to a large onsite detention pond which discharges south to a wetland which, in turn, outlets via an existing swale/ditch west to Clear Lake.
3. The pond provides dead storage volume and rate control in accordance with District standards.

STIPULATION: THE PERMITTEE SHALL SUBMIT A MONITORING REPORT ON THE REPLACEMENT WETLAND TO RCWD WHICH INCLUDES THE INFORMATION SPECIFIED IN MN ~~RULES~~ 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. -39-

9/22/95
EJT

Permit Application No. 95-141: Allina Group Practice Organization and
Richard Schreir

4. The Wetland Delineation Report identifies two wetlands on site, 1.03 acres and 0.121 acres. Approximately 0.68 acres of wetland will be impacted by this project. An off-site replacement area of 1.51 acres, which exceeds the 2:1 required replacement rate, has been specified.

Wetland replacement activities will not be concurrent with site development.

5. A detailed Erosion Control Plan has been specified which includes hay bale sediment barriers, silt fence, riprap, and gravel construction entrances.
6. The lowest floor elevation is 913.0, 3.8 feet above the 100-year elevation in the detention pond.

Board Action:

9/22/95
EJT

Recommendation: Approval of renewal.

Location: 15045 Lake Drive, Columbus Township.

T-R-S: 32-22-22 dcbe

Purpose: Approval of renewal of RCWD Permit 94-173 of a Wetland Alteration Plan for creation of a wetland from existing upland area.

Exhibits: 1. Permit Application, dated September 14, 1995, received September 15, 1994.

2. RCWD Permit Files 92-168, 93-143, and 94-173.

Findings: 1. Applicant proposes no changes to previously approved plan.

2. A \$250 cash surety is on file under RCWD Permit File 92-168.

3. This is the third renewal of a permit for this project.

4. The purpose of the project is to create a 14-acre wetland area adjacent to an existing wetland. The wetland will function as a borrow pit for several years and will eventually be abandoned when the average depth reaches 23± feet.

Board Action:

10/21/94
EJT

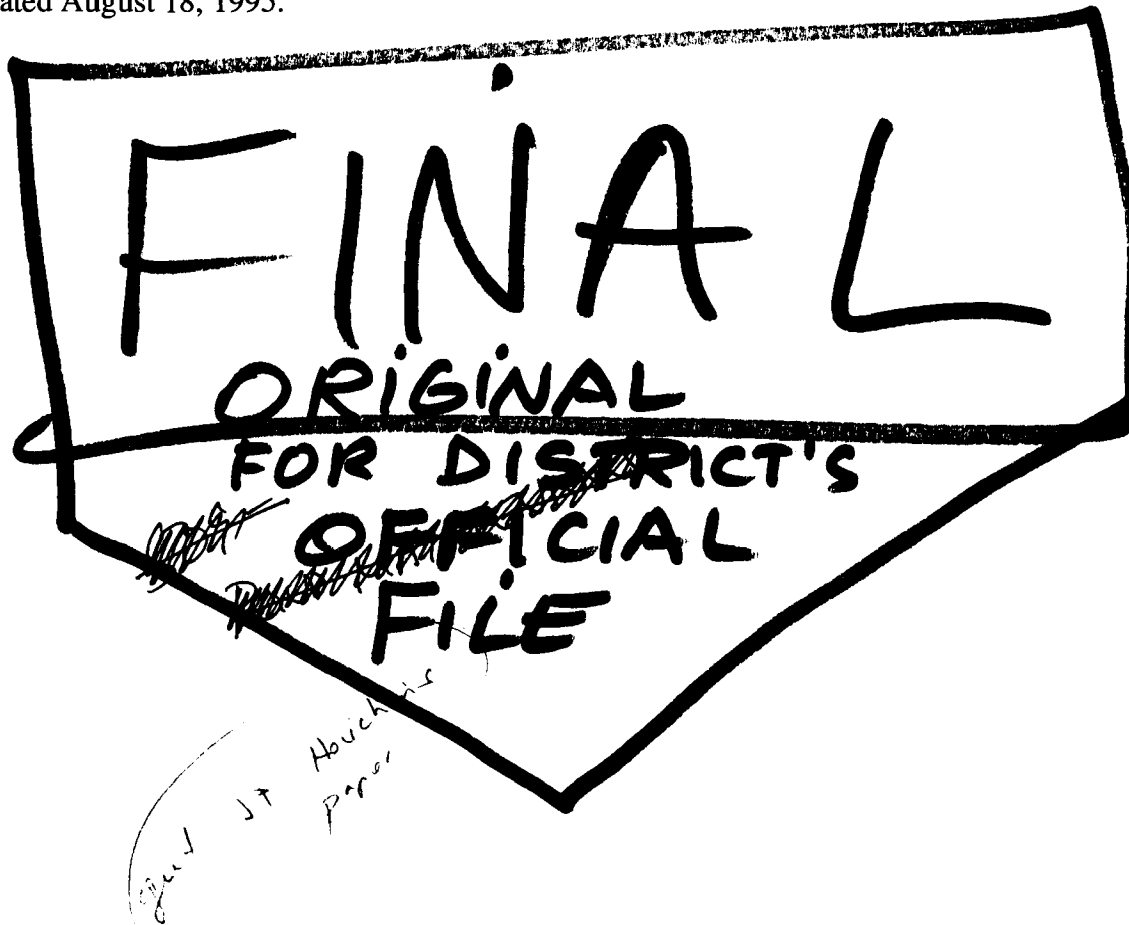
Logged: 8-27-95/BS
Copied to Filer: 8-24-95/BS
Typed on Attachment: _____/JK

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

AUGUST 23, 1995

It was moved by CARDINAL and seconded by
HAAKE *adapt the findings of the Dist Engineer*
to approve, ratify, table with authorization for administrative
action, table, or withdraw the Permit Applications noted in the following table of contents in
accordance with the District Engineer's Recommendation, as contained in the Engineer's Report
dated August 18, 1995.





1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental procedures and the statistical analysis performed.

3. The third part of the document presents the results of the study, showing the trends and patterns observed in the data. It includes several tables and figures to illustrate the findings.

4. The fourth part of the document discusses the implications of the results and the potential applications of the findings. It also addresses the limitations of the study and suggests areas for future research.

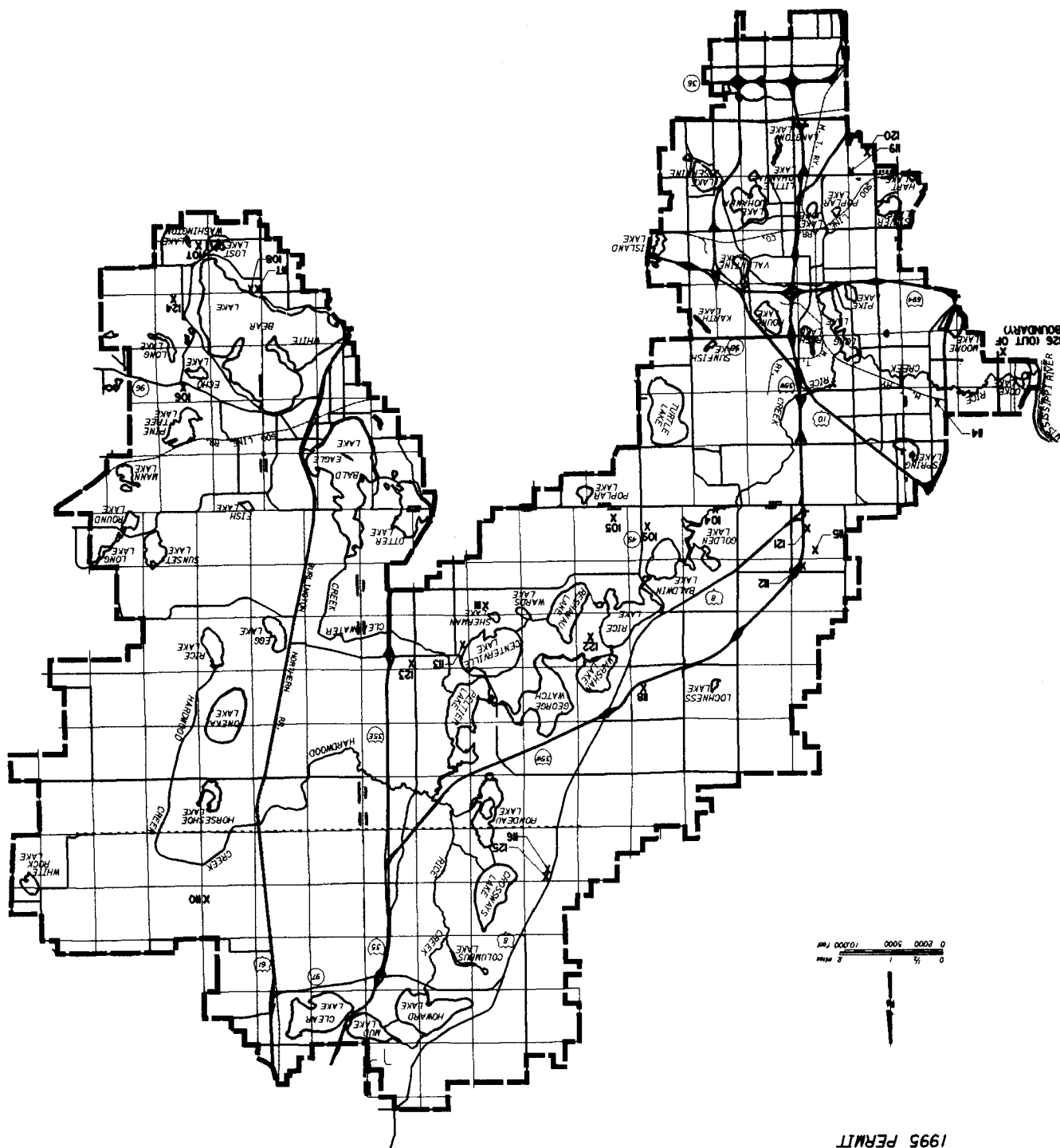
RICE CREEK WATERSHED DISTRICT

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* To be presented



RICE CREEK
WATERSHED DISTRICT
1995 PERMIT

Permit Application No. 94-44: Grace Development Company, Inc.

WDL

Recommendation: Withdrawal.

Location: Southeast quadrant of 130th Street and Falcon Avenue North, Hugo.

Purpose: Approval of a Land Development Plan for a single family residential subdivision to be known as Woods of Bald Eagle Lake, 4 blocks, 30 lots, 25± acres.

- Exhibits:
1. Permit Application, dated February 23, 1994, received February 25 1994.
 2. Preliminary grading, drainage, and erosion control plan prepared by Merila and Associates, dated February 2, 1994, received February 25, 1994.
 3. Calculations for runoff and ponding volume for 1- and 100-year storm events prepared by Merila and Associates, dated February 22, 1994, received February 25, 1994.

- Findings:
1. The permit is to be withdrawn as a revised plan had been submitted under a new application, RCWD 95-100.

Board Action:

8/18/95
EJT

Permit Application No. 94-84: Sunram Construction, Inc.
(Successful Bidder, City of Shoreview)

RAT

Recommendation: Ratification of administrative approval.

Location: County Road J between Hall Street and Lexington Avenue, Shoreview.

T-R-S: 30-23-3 bbb

Purpose: Approval of a bike/pedestrian pathway to the south of County Road J, 0.36± lineal miles.

- Exhibits:
1. Permit Application, dated May 9, 1994, received May 11, 199, signed by Successful Bidder August 11, 1995..
 2. Construction plans prepared by Mn/DOT and the City of Shoreview, undated, received May 11, 1994.
 3. Cash surety in the amount of \$1,000, received August 11, 1995.

- Findings:
1. The proposed project is to construct an 8-foot bituminous pathway to the south of County Road J between Hall Street and Lexington Avenue in the City of Shoreview.
 2. NWI maps for the region and aerial photographs of the site indicate an extensive wetland area to the southwest of 9th Street and Hall Street. This wetland lies approximately 300 feet south of County Road J and will not be impacted by any aspect of this proposed project.

Board Action:

8/18/95
EJT

Permit Application No. 95-25: Hokanson Development Co.

RAT

Recommendation: Ratification of administrative approval.

Stipulations: 1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.

2. 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: Northwest and southwest quadrants of Holly Drive and 12th Avenue, Lino Lakes.

T-R-S: 31-22-28, 33

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Trappers Crossing, 121 lots, 73.5± acres.

Exhibits:

1. Permit Application dated March 9, 1995, received March 9, 1995.
2. Wetland Delineation Re-Evaluation Report prepared by Lori Marco, dated April 25, 1994, received March 9, 1995.
3. Hydraulic calculations, unsigned, dated February 26, 1995, received March 9, 1995.
4. Preliminary plat prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
5. Grading, Erosion Control, and Wetland Alteration Plans prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
6. WCA wetland replacement plan application prepared by Hokanson Development, undated, received April 18, 1995.
7. RCWD Permit Files 93-213 and 94-114.
8. Cash surety in the amount of \$5,000, received July 12, 1995.
9. Proof that the Notice of Use Restriction and Maintenance Responsibility for the replacement wetland has been properly filed and recorded, received July 25, 1995.

8/18/95
EJT

Permit Application No. 95-25: Hokanson Development Co.

- Findings:
1. Applicant has submitted a new application for an action which is actually a continuation of RCWD Permit 94-114. Because Permit 94-114 has been inactive for nine months, a new application has been submitted for review under the new fee structure.
 2. The Applicant is proposing a total of approximately 7,200 sq ft of wetland impact for two wetland fill activities. An on-site mitigation area of 15,000 sq ft is proposed.
 3. A detailed Erosion Control Plan including silt fence, rock construction entrances, and bale checks at storm sewer catchbasins and riprap at storm sewer outfalls has been specified.
 4. Water quality ponds have been specified for seven locations across the site. The total dead storage provided exceeds District requirements by 15%.
 5. Peak discharges from the site are reduced by approximately 14% for 1-year storms and 40% for 100-year storms. For the 100-year storm, the total increase in runoff volume from the site is 2.5 ac-ft.
 6. The 100-year flood elevation for the area is 886. The lowest ground elevation on the site is 896.

Board Action:

8/18/95
EJT

Permit Application No. 95-30: Successful Bidder, Ramsey County Parks TWAFAA

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

1. Signed Permit Application.
2. Cash surety in the amount of \$500.
3. Permit Application fee in the amount of \$150.

Location: Southeast quadrant of Lexington Avenue and Island Lake Avenue, Shoreview.

T-R-S: 30-23-26 c and d

Purpose: Approval of a Pedestrian/Bicycle Construction Plan, 3,300± linear feet.

Exhibits:

1. Permit Application, unsigned, dated March 23, 1995, received March 23, 1995.
2. Construction Plans prepared by Ramsey County Parks and Recreation Department, last revised August 4, 1995, received August 4, 1995.
3. Project narrative, prepared by Ramsey County Parks and Recreation Department, dated March 23, 1995, received March 23, 1995.

Findings:

1. The proposed project involves construction of a 7-foot wide bituminous pathway between Lexington Avenue and Island Lake.
2. NWI maps for the area show six small wetlands in the project vicinity.
~~Wetlands were delineated by the District Administrator on August 3, 1995. Per the revised plan, wetland fill will occur in two places with a total area of 370 sq ft. This is less than the 400 sq ft allowed under WCA Exemption 25 (deminimus).~~
3. The project will include a 60-foot floating walkway across a wetland area.
~~Wetlands were delineated by the District Administrator on August 3, 1995. Per the revised plan, wetland fill will occur in two places with a total area of 370 sq ft. This is less than the 400 sq ft allowed under WCA Exemption 25 (deminimus).~~
4. An Erosion Control Plan consisting of silt fence, filter fabric, seed and mulch, and riprap has been outlined for the project.
5. Wetlands were delineated by the District Administrator on August 3, 1995. Per the revised plan, wetland fill will occur in two places with a total area of 370 sq ft. This is less than the 400 sq ft allowed under WCA Exemption 25 (deminimus).

Board Action:

8/18/95
EJT

Permit Application No. 95-89: Bridges Leasing Co., ^{LLC on app} ~~L.L.C.~~ RAT

Recommendation: Ratification of administrative approval.

Location: 8400 Coral Sea Street, Mounds View.

T-R-S: 30-23-5 baad

Purpose: Approval of a Final Site Drainage Plan for construction of an office-warehouse building, 3.0± acres.

- Exhibits:
1. Permit Application dated June 15, 1995, received June 15, 1995.
 2. Erosion control notes, undated, received June 15, 1995.
 3. Hydraulic calculations prepared by Clark Engineering, last revised July 13, 1995, received July 13, 1995.
 4. Revised Grading and Drainage Plan prepared by Clark Engineering, dated July 1995, received July 13, 1995.
 5. Wetland Delineation Report prepared by Arlig Environmental, dated July 13, 1995, received July 14, 1995.
 6. Request for WCA Exemption 25 (diminimus) for wetland fill of 340 sq ft.
 7. RCWD CSMP File 87C02.
 8. Cash surety in the amount of \$2,000, received July 12, 1995.

- Findings:
1. Site is adjacent to Anoka-Ramsey JD-1. The onsite detention pond discharges directly to the ditch.
 2. NWI maps for the region show a large Type III PEMC wetland on site.
 3. The 100-year floodplain for the area is 901 feet. The lowest floor elevation is 908.0.
 4. A onsite detention pond has been designed to control and treat stormwater runoff. The pond satisfies District requirements for quality and rate control.
 5. The site is located within a approved stormwater comprehensive planning area. However, to date neither of the two ponds identified in the plan have been constructed. The pond to serve this site will be located partially within the outlot designated for stormwater ponding according to the approved CSMP.

8/18/95
EJT

Permit Application No. 95-89: Bridges Leasing Co., L.L.C.

6. Approximately 340 sq ft of wetland will be filled. The Applicant has requested Exemption 25 for fill areas less than 400 sq ft.

Board Action:

8/18/95
EJT

Permit Application No. 95-92: Twin Cities Stores, Inc.

RAT

Recommendation: Ratification of administrative approval.

Location: 7509 Lake Drive, Lino Lakes.

T-R-S: 31-22-17 bcaa

Purpose: Approval of a Final Site Drainage Plan for construction of a convenience store on an existing commercial site, 3.1± acres.

Exhibits:

1. Permit Application dated June 21, 1995, received June 26, 1995.
2. Grading and Drainage Plan prepared by Finn-Daniels Architects, dated May 23, 1995, received June 27, 1995.
3. RCWD Permit Files 94-91 and 92-91.
4. Cash surety in the amount of \$2,000, received August 4, 1995.

Findings:

1. Proposed project involves reconstruction of an existing commercial site to create a convenience store/gas station. The impervious area will be expanded from 49,000 sq ft to 92,000 sq ft.
2. Stormwater rate control and water quality treatment is achieved through an on-site pond which meets District requirements. The pond outlets to the right-of-way of I-35W which drains to County Ditch 10-22-32.
3. Silt fence, riprap, and geotextile erosion fabric have been specified for sediment control.
4. NWI maps show no wetlands on site.

Board Action:

8/18/95
EJT

Permit Application No. 95-95: William Schifsky

RAT

Recommendation: Ratification of administrative approval..

Location: Southwest quadrant of Highway 61 and 165th Street N., Hugo.

T-R-S: 31-21-8 dbbb

Purpose: Approval of a Final Site Drainage Plan and Land Development Plan to subdivide a 2.1± acre lot from a 17.7± acre parcel and to perform grading to improve site drainage.

Exhibits:

1. Permit Application dated July 12, 1995, received July 12, 1995.
2. Site plan and lot split plan prepared by R. Nelson Engineering, last revised July 24, 1995, received July 25, 1995.
3. Hydrologic/hydraulic calculations prepared by R. Nelson Engineering, dated July 9, 1995, received July 12, 1995.
4. Wetland Delineation Report, prepared by Dave Banta, dated October 28, 1994, received July 10, 1995.
5. Easement agreement between Applicant and Larry and Wanda Loken (neighbors) for off-site grades dated November 25, 1995, received July 25, 1995.
6. Cash surety in the amount of \$1,000, received July 25, 1995.

Findings:

1. Applicant is proposing placing a 170-foot long culvert in an existing drainage ditch which serves as outlet to a large Type III/V (PEMC/PUBG) wetland. The culvert will retain the same invert as an existing culvert located at the existing outlet of the ditch. The new culvert will flow north and outlet to an existing swale which flows west to Branch 3 of Anoka-Washington JD-3.
2. NWI maps show a large Type IV/V wetland on site. The site plan shows this wetland and one other small wetland located 150 east of the large wetland. A delineated boundary is shown, but field inspection indicates wetlands extend to 929-foot contour.
3. No construction activities other than the culvert project are proposed at this time.
4. Easements have been shown on the lot split plan around wetlands and 100-year floodplain.

Board Action:

8/18/95
EJT

Permit Application No. 95-96: Nazareth Building Association, Inc.

RAT

Recommendation: Ratification of administrative approval.

Location: Northwest quadrant of Oakcrest Avenue and Snelling Avenue, Roseville.

T-R-S: 29-23-9 aada

Purpose: Approval of a Final Site Drainage Plan for construction of a commercial facility on a currently developed 2.8± acre lot.

- Exhibits:
1. Permit Application dated July 12, 1995, received July 13, 1995.
 2. Hydrologic/hydraulic calculations prepared by Landform Engineering, dated July 7, 1995, received July 13, 1995.
 3. Preliminary Grading Plan prepared by Landform Engineering, last revised August 11, 1995, received August 11, 1995.
 4. Letter of approval for off-site grading from the City of Roseville, dated August 8, 1995, received August 11, 1995.
 5. Cash surety in the amount of \$1,000, received August 11, 1995.

- Findings:
1. The proposed project will reduce the existing impervious area by approximately 0.3± acres. Rate control is not required as the proposed site will generate less runoff than the existing site.
 2. Water quality treatment will be achieved through an on-site pond which has been designed to NURP standards and meets current District standards. The pond has been sized to provide water quality treatment to the entire developed 2.8-acre parcel. The pond outlets to a right-of-way ditch along Snelling Avenue which ultimately drains to Ramsey County Ditch 4.
 3. NWI maps show no wetlands on site.

Board Action:

8/18/95
EJT

Permit Application No. 95-98: Northwestern College

RAT

Recommendation: Ratification of administrative approval.

Location: Northeast quadrant of Lydia Avenue and Ramsey County Ditch 4, Roseville.

T-R-S: 29-23-4 aacc

Purpose: Approval of a Final Site Drainage Plan for construction of a new 112 stall parking lot adjacent to Ramsey County Ditch 4.

Exhibits: 1. Permit Application, dated July 11, 1995, received July 13, 1995.
 2. Stormwater Management, Grading, and Erosion Control Plans prepared by TKDA, last revised August 1, 1995, received August 3, 1995.
 3. Hydrologic/hydraulic calculations prepared by TKDA, dated June 30, 1995, received July 13, 1995.
 4. Cash surety in the amount of \$5,000, received July 31, 1995.

Findings: 1. The proposed project involves construction of approximately 0.4± acres of new impervious area. All new impervious areas, as well as 0.4 acres of existing impervious areas, will drain to an on-site water quality /rate control pond before discharging to Ramsey County Ditch 4.
 2. The on-site detention pond has been designed in accordance with District standards for rate control and water quality. Additionally, a 6-inch perforated drain tile beneath the pond bottom will allow the pond to infiltrate dry.
 3. NWI maps show no wetlands on site.
 4. An Erosion Control Plan consisting of silt fence and cable concrete spillways has been identified. To further reduce the potential for erosion, cable concrete has been added to the bank of the ditch opposite the outfall. Construction sequencing will result in construction of the sedimentation pond before any major site grading.

Board Action:

8/18/95
EJT

Permit Application No. 95-99: Scott Pearce

RAT

Recommendation: Ratification of administrative approval.

Location: 16045 Potomac Street N.E., Columbus.

T-R-S: 32-22-15 caaa

Purpose: Approval of a Final Site Drainage Plan for construction of a pole shed on a residential lot, 5.25± acres.

- Exhibits:
1. Permit Application, dated July 5, 1995, received July 12, 1995.
 2. Plat drawing prepared by First American Title Insurance Company, dated May 27, 1994, received July 12, 1995.
 3. Erosion Control Plan prepared by Applicant, undated, received August 14, 1995.
 4. RCWD Permit File 92-182.
 5. Cash surety in the amount of \$250, received August 14, 1995.

- Findings:
1. The Applicant wishes to construct a new 1,024 sq ft pole shed and remove an existing 300± sq ft shed.
 2. NWI maps show no wetlands on site.
 3. The 100-year floodplain for the site is 904 (past permits). There does not appear to be any floodplain on site.

Board Action:

Recommendation: Ratification of administrative approval.

Location: 3900 Bethel Drive (Bethel College South Campus), Arden Hills.

T-R-S: 30-23-27 bb

Purpose: Approval of a Final Site Drainage Plan for construction of a new 0.9± acre parking lot.

- Exhibits:
1. Permit Application, dated July 13, 1995, received July 13, 1995.
 2. Grading, Drainage, and Erosion Control Plan prepared by Barton-Aschman Associates, Inc., last revised August 1, 1995, received August 10, 1995.
 3. Cash surety in the amount of \$2,000, received August 2, 1995.

- Findings:
1. NWI maps show no wetlands on site.
 2. The project area will drain to an onsite pond which will discharge to a drainage ditch outletting to Valentine Lake. All storm sewer outfalls will be protected with riprap.
 3. The stormwater pond has been revised to meet District requirements for water quality and rate control.

Board Action:

8/18/95
EJT

Recommendation: Approval of renewal.

Location: 4501 County Road J, Blaine.

T-R-S: 31-23-36 cdd

Purpose: Approval of renewal of RCWD Permit 94-74 for an "after-the-fact" Wetland Alteration Plan for placement of fill along Rice Creek.

Exhibits: 1. Permit Application, dated July 17, 1995, received July 17, 1995.
2. RCWD Permit File 94-74, including a cash surety in the amount of \$3,000, received June 29, 1994.

Findings: 1. At the time of issuance of the 1994 permit, there was still illegal fill remaining in the floodway of Rice Creek. The Applicant had revised his fill plan to involve raising the foundation of his house and removing the illegal fill to shore up the new home foundation. This would still amount to some floodway fill but the Applicant has no other alternative if his home is to be raised above the floodplain elevation.
2. The Applicant is proposing no changes to previously approved plans.
3. This is the first renewal of this permit.
4. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-74.

Board Action:

8/18/95
EJT

Recommendation: Approval of renewal.

Stipulations:

1. The replacement wetland approved as part of this permit shall be constructed concurrent with 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 reports shall be submitted no later than November 15 of each year.

Location: Northeast quadrant of Ware Road and 62nd Street W., Lino Lakes.

T-R-S: 31-22-32 cab

Purpose: Approval of renewal of RCWD Permit 94-79 of a Comprehensive Stormwater Management Plan, Land Development Plan, Final Site Drainage Plan, and Wetland Alteration Plan for construction of a single family residential development to be known as Pine Ridge III, 10± acres.

Exhibits:

1. Permit Application, dated July 19, 1995, received July 26, 1995.
2. RCWD Permit Files 93-139 and 94-79, including a \$3,000 cash surety, received June 29, 1994.

Findings:

1. Applicant is proposing the third addition to Pine Ridge which has been developed under RCWD Permits 90-77, 91-77, and 93-139.
2. Applicant has proposed no changes to previously approved plans.
3. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-79.

Board Action:

8/18/95
EJT

Recommendation: Approval of renewal.

Location: Between 99th Street Court and State Highway 96 (Lot 13, Block 1, Glasgow Pine Tree Estates), Grant Township.

T-R-S: 30-21-17 bad

Purpose: Approval of renewal of RCWD Permit 94-64 for a Culvert Construction and Wetland Alteration Plan for creation of a driveway access to a home site on a 4± acre site.

Exhibits: 1. Permit Application, dated July 21, 1995, received July 25, 1995.
2. RCWD Permit File 94-64, including a cash surety in the amount of \$500, received July 7, 1995.

Findings: 1. The Applicant is proposing no changes to previously approved plans.
2. This is the first renewal of this permit.
3. A cash surety of \$500 is on file under RCWD Permit 94-64.

Board Action:

Recommendation: Approval of renewal.

Location: Northeast quadrant of Lincolntown Drive and Robert Street, Mahtomedi.

T-R-S: 30-21-29 cccc

Purpose: Approval of renewal of RCWD Permit 94-136 for a Land Development Plan for construction of a single family residential subdivision to be known as Wildwood Ponds, 24 lots, 20.1± acres.

Exhibits: 1. Permit Application, dated July 28, 1995, received August 1, 1995.
2. RCWD Permit File 94-136, including a cash surety in the amount of \$5,000, received September 1, 1994.

Findings: 1. This proposing no changes to previously approved plans.
2. This is the first renewal of this permit.
3. A cash surety in the amount of \$5,000 is on file under RCWD Permit 94-136.

Board Action:

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

1. Cash surety in the amount of \$500.

Location: 229 Wildwood Avenue, Birchwood Village.

T-R-S: 30-21-30 bba

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake.

Exhibits:

1. Permit Application, dated July 31, 1995, received August 2, 1995.
2. Site Plan, undated, received August 2, 1995.
3. RCWD Permit Files 90-25, 90-52, and 95-117.

Findings:

1. Applicant proposes building a residence on a currently developed lot. The existing structure will be demolished and a new house will be built.
2. The house will be set back approximately 60 feet from the OHW of White Bear Lake of 924.7. This exceeds District requirements by 10 feet.
3. The 100-year flood elevation of White Bear Lake is 926.7. From comparison of the site plan's local datum to 2-foot topography for the area, it appears that the lowest proposed floor will be 932.4 at a minimum.

Board Action:

Permit Application No. 95-109: R-Property, Inc.

APP

Recommendation: Approval of renewal.

Location: Northwest quadrant of Ware Road and 62nd Street West, Lino Lakes.

T-R-S: 31-22-31 dbbb

Purpose: Approval of renewal of RCWD Permit 93-202 for a Land Development Plan for a single family residential development to be known as Fox Trace, 55 lots, 27± acres.

Exhibits: 1. Permit Application, dated August 2, 1995, received August 3, 1995.
2. RCWD Permit File 93-202, including a \$5,800 cash surety, received December 30, 1993.

Findings: 1. Applicant is proposing no changes to previously approved plans.
2. This is the first renewal of this permit.
3. A cash surety in the amount of \$5,800 is on file under RCWD Permit 93-202.

Board Action:

8/18/95
EJT

Recommendation: Approval of renewal.

Location: Northwest quadrant of 190th Street N. and Harrow Avenue, Forest Lake Township.

T-R-S: 32-21-28 dddc

Purpose: Approval of renewal of RCWD Permit 94-135 for an "after-the-fact" Wetland Alteration Plan for removal of fill from a wetland area originally altered under RCWD Permit 93-24.

Exhibits: 1. Permit Application, dated August 5, 1995, received August 7, 1995.
2. RCWD Permit Files 93-24 and 94-135, including a \$2,000 cash surety, received March 11, 1993.

Findings: 1. Applicant was granted approval to crate a wildlife pond as per RCWD Permit 93-24. At the time of construction, spoils were sidecast into the surrounding Type PEMB (II) wetland area. This permit is for relocation of this illegal fill.
2. Applicant is proposing no changes to previously approved plans.
3. A \$2,000 cash surety is on file under RCWD Permit 93-24.
4. This is the first renewal of this permit.

Board Action:

Permit Application No. 95-111: Contractor Property Developers Co.

APP

Recommendation: Approval of renewal.

Location: 1,000 feet north of Birch Street on Sherman Lake Road, Lino Lakes.

T-R-S: 31-22-27 abdd

Purpose: Approval of renewal of RCWD Permit 94-137 of a Land Development Plan for construction of a single family residential development to be known as Pheasant Hills Preserve, 6th Addition, 19 lots.

Exhibits: 1. Permit Application, dated July 31, 1995, received August 7, 1995.
2. RCWD Permit Files 91-167 and 94-137.

Findings: 1. Applicant proposes no changes to previously approved plans.
2. This is the first renewal of this permit.
3. A cash surety in the amount of \$2,000 is on file under RCWD Permit 94-137.

Board Action:

8/18/95
EJT

Permit Application No. 95-112: Tony Emerich Construction, Inc.

APP
TWAEAA

Recommendation:

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

1. Wetland Delineation Report, ~~PREP'D BY ANOKA CONSERVATION DISTRICT,~~
DATED 8-7-95, REC'D 8-22-95
2. ~~Field verification of wetland boundaries.~~
3. ~~Revised preliminary plat or legal document conveying easements over wetlands and other hydrologic features, REC'D~~
4. Cash surety in the amount of ~~\$200,000~~, REC'D 8-23

Location: 250 feet north of northeast quadrant of 93rd Street N.E. and Jamestown Street N.E., Blaine.

T-R-S: 31-23-27 ddc

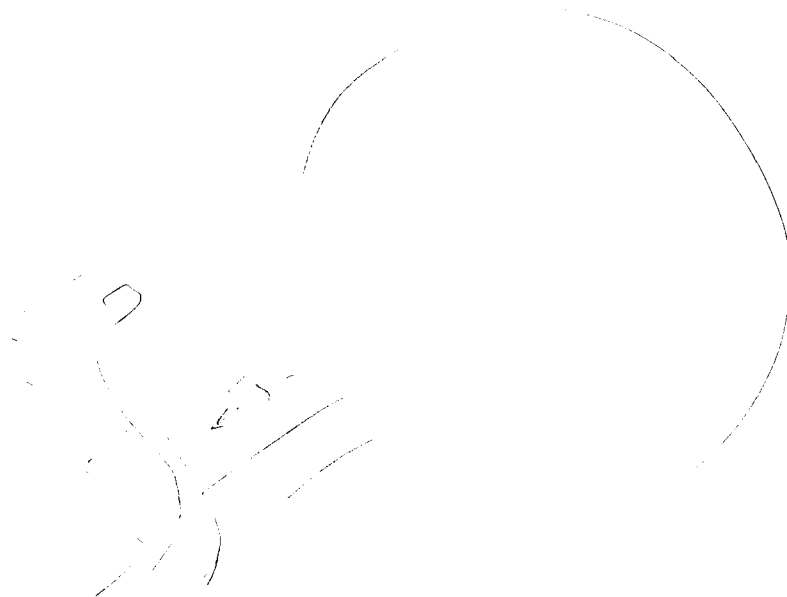
Purpose: Approval of a Land Development Plan for construction of a single family residential development to be known as Jamestown Estates, 6 lots, 5± acres.

- Exhibits:
1. Permit Application, dated August 7, 1995, received August 7, 1995.
 2. Preliminary plat prepared by Midwest Land Surveyors, Inc., last revised August 1, 1995, received August 7, 1995.
 3. RCWD Permit Files 94-128, 95-31, and 95-71.

- Findings:
1. Proposed project involves construction of six residential lots, all of which have frontage on Jamestown Street N.E.
 2. Drainage from the portion of the lots facing Jamestown Avenue is collected by storm sewer under Jamestown Avenue.
 3. There is no floodplain on the site.
 4. A 19,000 sq ft wetland is shown on the plat. No impacts are proposed to this wetland.

Board Action:

8/18/95
EJT



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

1. Relocated house pad in conformance with 75-foot setback requirement.
2. Cash surety in the amount of \$500.

Location: 1588 Sorel Street, Centerville.

T-R-S: 31-22-23 bcac

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to Clear Lake.

Exhibits:

1. Permit Application, dated August 7, 1995, received August 8, 1995.
2. Certificate of Survey, undated, received August 9, 1995.
3. RCWD Permit File 94-138.

Findings:

1. Site is immediately north of the site permitted under RCWD 94-138, also by Mr. and Mrs. Hansen.
2. The minimum floor elevation is specified at 888.7, 2.45 feet above the 100-year flood for Centerville Lake (886.25, TKDA, 80R06).
3. Centerville Lake is a recreational water and requires a 75-foot setback from the lake OHW. Currently, the house is shown set back 62 feet from the lake, which is shown at elevation 884.4. (The OHW of Centerville Lake has not been determined.)

Board Action:

100-yr flood elev 887.
→ PRELIM w/ 94-138

8/18/95
EJT

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

- ~~1. Revised Pond Excavation Plan incorporating enlarged dead storage volume.~~
2. Cash surety in the amount of \$2,000.

Location: 7000 Central Avenue N.E., Fridley.

T-R-S: 30-24-12 cacd

Purpose: Approval of a Final Site Drainage Plan for construction of a parking lot expansion for an existing business center.

- Exhibits:
1. Permit Application, dated August 1, 1995, received August 9, 1995.
 2. Grading and Erosion Control Plan prepared by Wille Associates, Engineers, Ltd., dated August 7, 1995, received August 9, 1995.
 3. Hydraulic/hydrologic calculations prepared by Wille Associates, Engineers, Ltd., ~~dated August 7, 1995, received August 9, 1995.~~
LAST REVISED 8-22 8-22
 4. RCWD Permit File 92-92.

- Findings:
1. Proposed project involves construction of 20,412 sq ft of additional parking surfaces.
 2. Stormwater will be collected by an existing storm sewer system and controlled through an existing onsite pond.
 3. The existing on-site pond will be enlarged to accommodate the increased runoff volumes from the new impervious surface. ~~From comparison of proposed pond grades, it appears that while live storage will be sufficiently increased by the pond excavation, dead storage volumes will not. Approximately 4,390 cu ft is required while only an additional 640± cu ft will be provided.~~
 4. NWI maps show no wetlands on site.

Board Action:

AN ADDITIONAL
DEAD STORAGE
VOLUME OF
4252 FT³ WILL
BE PROVIDED THROUGH
EXCAVATION OF IN
THE POND BELOW
THE INVERT OF
THE OUTLET.

(- SUSPECT THAT THIS EXCAVATION WILL REALLY REMOVE ACCUMULATED
SEDIMENT FROM ABOVE LINED POND BOTTOM - HOWEVER,
THE "NEW" IMPERVIOUS AREA WAS MOST LIKELY INCLUDED IN
THE ORIGINAL SITE DESIGN).

8/18/95
EJT

Permit Application No. 95-115: K-G Development

TWAFAA
~~22AB~~

Recommendation: Table ^{WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION} pending receipt of:

1. Field verification of wetland boundaries and resolution of deviation between past and current wetland boundaries.

~~2. Calculations demonstrating runoff rate control for 100-year rainfalls.~~

~~3. Calculations demonstrating pond design (dead storage) in conformance with District water quality standards.~~

~~4. Submerged outlet-outlet control structure design detail.~~

~~5. Erosion Control Plan.~~

~~6. FULL FILLMENT OF UCA PUBLIC NOTIFICATION REQ'S.~~

~~6. Revised Grading Plan incorporating a swale, storm sewer, or other conveyance device to deliver parking lot/roof drainage directly to stormwater pond.~~

27. Cash surety in the amount of \$2,000.

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: Southwest quadrant of 93rd Avenue N.E. and I-35 frontage road, Blaine.

T-R-S: 31-23-34 abd

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of an industrial facility, 5± acres.

Exhibits: 1. Permit Application, dated August 9, 1995, received August 10, 1995.

2. Grading Plan prepared by Glen Rehbein Companies, ^{EROSION CONTROL N} dated August 9, 1995, received August 10, 1995. ^{LAST REVISED 8-22}

3. HYDRAULIC/HYDROLOGIC CALC'S, PREP'D AT GLENN REHBEIN COS. ^{REVISED 8-18-95, REV'D 8-22-95.}

8/18/95
EJT

Permit Application No. 95-115: K-G Development

3. WCA Replacement Plan Application prepared by Glenn Rehbein Companies, dated August 10, 1995, received August 10, 1995.
4. Wetland Delineation Report prepared by the Anoka Conservation District, dated July 7, 1995, received August 10, 1995.
5. RCWD Permit File 95-71.

Findings:

1. Applicant is proposing construction of an industrial facility on Outlot B of Aspen Ridge, which was reviewed under RCWD Permit 95-71.
 2. The Applicant has submitted a new wetland delineation report which shows considerably less wetland area in Outlot B in comparison to the delineation submitted for the original development. It was the original delineation report which showed Outlot B to be approximately 80%± ~~COVERED~~ ~~OWNED~~ with wetlands that prevented its development at the time of the original permit for Aspen Ridge.
 3. According to the current delineation and construction plan, ~~0.133~~ ^{3139 FT²} acres of wetland will be filled with a total replacement ~~ratio of nearly 3:1.~~ ^{AREA 6545 FT². THEN} ~~EXCEEDS A 2:1 RATIO~~
 4. Hydraulic calculations submitted for the pond design cover only the 2- and 10-year storms. No information has been provided for the 100-year event.
 5. The current hydraulic routing plan involves allowing parking lot and roof drainage to flow to ~~the wetland and then to the pond area.~~ ^{THEN TO} ~~Runoff should be routed to a detention pond for treatment before discharge to the wetland.~~
A REPLACEMENT-AREA WETLAND. THE BOUNCE FOR THE 10-YR EVENT IS APPROXIMATELY 1 FT IN THE POND AREA. FOR THE WETLAND THE BOUNCE WILL BE LESS DUE TO THE INCREASED STORAGE VOLUME AS WELL AS AN EMERGENCY OVERFLOW AT A DEPTH OF 0.8 FT ABOVE THE OULET INVERT.
6. THE NWL OF THE EXISTING WETLAND WILL NOT BE AFFECTED BY THE PONDING AREAS AS A BERM TO 906.0 SURROUND THE POND EDGE TOWARD THE WETLAND.

Board Action:

8/18/95
EJT

Permit Application No. 95-116: Northern Technologies International Corporation

TWAFAA
~~7-18~~

Recommendation: Table ^{WITH AUTHORIZATION OF ADMINISTRATIVE ACTION} pending receipt of:

1. Wetland Delineation Report.

~~Wetland Delineation Report prepared by E. G. Rud and Sons, Inc., dated August 8, 1995, received August 10, 1995.~~

~~Wetland Delineation Report prepared by E. G. Rud and Sons, Inc., dated August 8, 1995, received August 10, 1995.~~

~~Wetland Delineation Report prepared by E. G. Rud and Sons, Inc., dated August 8, 1995, received August 10, 1995.~~

~~Wetland Delineation Report prepared by E. G. Rud and Sons, Inc., dated August 8, 1995, received August 10, 1995.~~

6. Coordination with RCWD Permit 95-125 (Graff Company) to prepare a preliminary plat or other legal document conveying easements over wetlands and other hydrologic features.

7. Cash surety in the amount of \$3,000, ^{REC'D 8-22-95}

8. Additional Permit Application fee of \$250.

Location: 7,000 feet south of southeast quadrant of 141st Avenue N.E. and Lake Drive (immediately south of 13957 Lake Drive), Columbus Township.

T-R-S: 32-22-33 abc

Purpose: Approval of a Final Site Drainage Plan for construction of an office-warehouse building, 10± acres.

Exhibits: 1. Permit Application, dated August 10, 1995, received August 10, 1995.

2. Topographic and boundary survey prepared by E. G. Rud and Sons, Inc., dated August 8, 1995, received August 10, 1995.

3. ~~DRAINAGE, GRADING & EROSION CONTROL PLAN~~ DATED 8-14-95 REC'D 8-14-95

48. RCWD Permit File 95-125.

49.

PREP'D BY ~~CHARLES~~ FLOWE,
CHARLES

Findings: 1. Applicant proposes construction of 2.1 acres of new impervious area on a currently undeveloped site.

~~Wetland Delineation Report prepared by E. G. Rud and Sons, Inc., dated August 8, 1995, received August 10, 1995.~~

A PRELIMINARY REVIEW BY

3. NWI maps show Type VI (PSS1) wetlands occupying the eastern portion of the site. Wetlands are indicated on the topographic plan but no clear boundary is shown. PER THE DISTRICT ADMINISTRATOR NO WETLAND IMPACTS ARE PROPOSED. THE DELINEATION REPORT WILL STILL BE REQUIRED.

Board Action:

8/18/95
EJT

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

1. Cash surety in the amount of \$500.

Location: 121 Wildwood Lane, Birchwood Village.

T-R-S: 30-21-30 bba

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake.

Exhibits:

1. Permit Application, dated August 8, 1995, received August 10, 1995.
2. Certificate of Survey prepared by E.G. Rud and Sons, dated April 27, 1995, received August 10, 1995.
3. RCWD Permit Files 90-25, 90-52, and 95-108.

Findings:

1. Applicant is proposing reconstruction of a residence on a currently developed lot. Activities will include only reconstruction of the house. An existing boathouse and dock area will remain unchanged.
2. The new house will be set back over 50 feet from the OHW (924.7) of White Bear Lake. This is in exceedence of District requirements.
3. The minimum floor elevation will be no lower than approximately 940±, well above the 100-year flood elevation of 926.7.

Board Action:

ROUGHLY 52'
EXISTING BOAT HOUSE WILL STAY
SHOW PHOTO.

manubato

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

1. Revised pond design providing volume for two consecutive 100-year storms or construction of a controlled outlet for discharge of stormwater.
2. Preliminary plat or legal document granting easements over stormwater facilities.
3. Cash surety in the amount of \$3,000.

Stipulation: At the time construction activities have to take place for Phase II, an RCWD Permit for a Final Site Drainage Plan will be required.

Location: Southwest quadrant of 74th Street and Apollo Drive, Lino Lakes.

T-R-S: 31-22-18 daa

Purpose: Approval of a Final Site Drainage Plan and Land Development Plan for construction of an office-warehouse complex, 4.6± acres.

- Exhibits:
1. Permit Application, dated August 8, 1995, received August 10, 1995.
 2. Grading, Drainage, and Erosion Control Plan prepared by John Oliver and Associates, Ltd., dated August 9, 1995, received August 10, 1995.
 3. Hydrologic/hydraulic calculations prepared by John Oliver and Associates, dated August 9, 1995, received August 10, 1995.
 4. RCWD Permit File 93-186.

- Findings:
1. Applicant is proposing a two-phase development in which nearly the entire site area is converted to impervious area.
 2. A pond which will be constructed under the first phase of the project is to be of sufficient size to receive runoff from the entire site.
 3. NWI maps show no wetlands on site.
 4. The building first floor elevation is 904.0. The pond's 100-year flood elevation is 900.3, with an emergency overflow across 74th Street at 901.
 5. The pond does not have a normal outlet and as such, retains all volume on site. Currently, the pond design does not provide storage for two consecutive 100-year storms.

Board Action:

8/18/95
EJT

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

1. Cash surety in the amount of \$1,000.

Location: Northwest quadrant of 36th Avenue N.E. and Highcrest Road, St. Anthony.

T-R-S: 29-23-6 aaaa

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition to the Wilshire Park Elementary School.

- Exhibits:
1. Permit Application, dated August 9, 1995, received August 10, 1995.
 2. Grading and Erosion Control Plan prepared by Clark Engineering, dated August 15, 1995, received August 10, 1995.
 3. Storm sewer map for City of St. Anthony, undated, received August 10, 1995.
 4. RCWD Permit File 95-120.

- Findings:
1. The proposed project involves construction of two building additions for a total increase in impervious area of 15,000± sq ft. A new parking area will be constructed along the 37th Avenue N.E. entrances with an increase in impervious surface of 5,000± sq ft.
 2. Runoff rate control and water quality concerns are not an issue as the site drains to a regional pond located at the southwest corner of 39th Avenue and Highcrest Road. This pond is a designated stormwater pond as identified by the City of St. Anthony Storm Sewer Plan.
 3. NWI maps show no wetland on site.

Board Action:

8/18/95
EJT

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

1. Cash surety in the amount of \$1,000.

Location: Northeast quadrant of 33rd Avenue N.E. and Silver Lake Road, St. Anthony.

T-R-S: 29-23-6 acc

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition to the St. Anthony High School.

Exhibits:

1. Permit Application, dated August 9, 1995, received August 10, 1995.
2. Grading and Erosion Control Plan prepared by Clark Engineering, dated August 15, 1995, received August 10, 1995.
3. Storm sewer map for City of St. Anthony, undated, received August 10, 1995.
4. RCWD Permit File 95-119.

Findings:

1. The proposed project involves construction of a 4,000 sq ft addition to an existing school building.
2. Runoff rate control and water quality are handled by a regional pond located at the southwest corner of 39th Avenue N.W. and Highcrest Road. This pond is a designated stormwater pond as identified by the City of St. Anthony storm sewer plan.
3. NWI maps show no wetlands on site.

Board Action:

Permit Application No. 95-121: Roberts Development Company

7/24/95
TAB

Recommendation: Table ^{WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION} pending receipt of:

1. Wetland Delineation Report, PREP'D BY PROF. ENGINEERING CONSULTANTS, DATED 8-15-95, REL'D 8-17-95

1. ~~2.~~ Field verification of wetland boundaries.

2. ~~3.~~ REVISED POND ~~DESIGN~~ OUTLET DESIGN WITH RAISED RUNOUT ELEVATION ~~TO PREVENT DOWNFLOWS OF WETLAND AREAS.~~

3. ~~4.~~ REVISED OUTLET STRUCTURE DETAIL PROVIDING SKIMMING FOR ALL STORMS OF 1-YR FREQUENCY OR INTENSITY OR LESS.

~~4. PRELIMINARY PLAT OR LEGAL DOCUMENT GRATING EASEMENTS OVER WETLANDS AND HYDROLOGIC FEATURES IF LOT COMBINATIONS ARE PROPOSED.~~

4. ~~5.~~ Preliminary plat or legal document grating easements over wetlands and hydrologic features if lot combinations are proposed.

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

Location: Northwest quadrant of 89th Avenue N.E. and I-35W service drive, Blaine.

T-R-S: 31-23-34 adc

Purpose: Approval of a Land Development Plan for construction of an office-warehouse building, 9.6 acres.

Exhibits: 1. Permit Application, dated August 10, 1995, received August 10, 1995.

2. Hydraulic/hydrologic calculations prepared by ^{LARSEN ENGINEERING, LAST REVISED} ~~ROBERTS DEVELOPMENT COMPANY~~ August ~~10~~₂₃, 1995, received August ~~10~~₂₃, 1995.

3. Site Plan prepared by Carley Torgersen, Inc., dated August 10, 1995, received August 10, 1995.

4. ~~5.~~ RCWD Permit File 93-153.

Findings: 1. Applicant is proposing creation of 4.95 acres of impervious area on a currently undeveloped site.

2. NWI maps show extensive wetlands on site. These wetlands are delineated on the Grading Plan and cover nearly 50% of the site. No fill impact is shown for these wetlands.

3. ~~Currently, the stormwater pond is to be located on the northern building edge. This spot is delineated as wetland on the site plan so the pond will need to be moved.~~

5. ~~No erosion control measures have been specified.~~

Board Action:

8/18/95
EJT

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

1. Fulfillment of WCA public notice requirements.
2. RCWD Board discussion on request for variance for placement of fill in Rice Creek floodplain.
3. Cash surety of \$2,000.

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: Terminus of Aqua Lane, Lino Lakes.

T-R-S: 31-22-16, 20, 21

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for renovation/grading work riparian to Rice Creek for the Chomonix Golf Course.

- Exhibits:
1. Permit Application, dated August 10, 1995, received August 10, 1995.
 2. Preliminary Wetland, Floodplain, Grading, and Erosion Control Plan prepared by David A. Kirscht Associates, Inc., dated August 8, 1995, received August 10, 1995.
 3. Wetland Delineation Report prepared by BRW, Inc., last revised August 14, 1995, received August 14, 1995.
 4. WCA Replacement Plan Application prepared by BRW, Inc., dated August 10, 1995, received August 10, 1995.

RCWD APPROVED
VARIANCE
- HARDHIP DUE TO LOSS OF
PLAY TIME DUE TO FLOODING
- HIGHLY DISTURBED AREA
- COMV. STOPPAGE

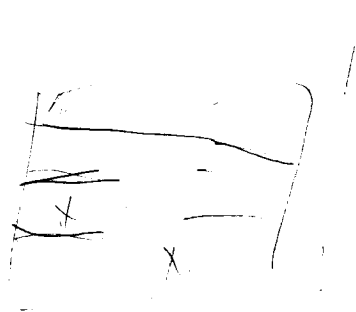
8/18/95
EJT

Permit Application No. 95-122: Successful Bidder
Anoka County Parks Department

- Findings:
1. The Applicant is proposing placement of 4,741 cubic yards of fill in the floodplain of Rice Creek. A compensatory volume of 13,644 cubic yards will be created by this project (net gain is 8,903 cubic yards). The Applicant is requesting a variance from District policy which does not allow placement of fill in the floodplain of Rice Creek.
 2. Applicant is proposing impact to 0.22 acres of wetland. An on-site replacement area of 0.44 acres has been identified.

Board Action:

8/18/95
EJT



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

1. Cash surety in the amount of \$1,000.

Location: 600 feet east of southeast quadrant of 20th Avenue and Main Street, Centerville.

T-R-S: 31-22-24 bb

Purpose: Approval of a Final Site Drainage Plan for construction of an office-warehouse building riparian to Branch 5 of Clearwater Creek, 2.1 acres.

- Exhibits:
1. Permit Application, dated August 9, 1995, received August 10, 1995.
 2. Site Plan prepared by Greystone Construction Company, dated August 9, 1995, received August 10, 1995.
 3. RCWD Permit Files 87-51 and 95-17.

- Findings:
1. The 100-year floodplain for the site is 906.0 per FIS. The modeled flood elevation for Clearwater Creek calculated after the Centerville ditch improvements for the cross section immediately upstream of 20th Avenue is predicted to be 902.8, 5.4 feet lower than the modeled pre-improvement 100-year flood elevation of 908.2.

Because the site is located in a flood fringe area, the reduction in flood elevation resulting from the Centerville ditch improvement will likely have a significant effect on the flood elevation for this site. It is likely that the site will no longer be located within the 100-year floodplain.

2. The project site is located within a development area approved under RCWD Permit 87-51. The 1987 plan included stormwater ponding for this site.
3. Applicant is proposing construction of 0.36± acres of impervious area on a 1.4± acre lot.
4. NWI maps and aerial photos for the area show no wetlands on site.

Board Action:

8/18/95
EJT

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

1. Specification of riprap for storm sewer outfall at Griffin Avenue.
2. Cash surety in the amount of \$1,000.

Location: 205 Iris Street, Mahtomedi.

T-R-S: 30-21-20 dcdB

Purpose: Approval of a Land Development and Wetland Alteration Plan for construction of a single family residential development, 4 lots, 1.1± acres.

- Exhibits:
1. Permit Application, dated August 10, 1995, received August 10, 1995.
 2. Project narrative prepared by Pioneer Engineering, undated, received August 10, 1995.
 3. Wetland delineation Report prepared by Pioneer Engineering, dated April 30, 1995, received August 10, 1995.
 4. Hydraulic/hydrologic calculations prepared by Pioneer Engineering, dated July 11, 1995, received August 10, 1995.
 5. Preliminary plat prepared by Pioneer Engineering, dated August 10, 1995, received August 10, 1995.
 6. Preliminary Grading and Erosion Control Plan prepared by Pioneer Engineering, dated August 10, 1995, received August 10, 1995.

- Findings:
1. Applicant is proposing impact of 400 sq ft to a small Type II (PEMB) wetland on site. This amount of fill is allowed under WCA Exemption 25 (deminimus).
 2. The local 100-year floodplain for the site is 1002.5. The lowest floor elevation is to be 1005.
 3. As the three new lots have frontage on Griffin Avenue, no new roadways or drastic increases in impervious surfaces will be constructed as part of this project. There will also be no new concentrated flows.

Because of the small site area, a small increase in tributary area, overland (unconcentrated) flow of stormwater, rate control, and water quality concerns have are not an issue for this project.

8/18/95
EJT

Permit Application No. 95-124: Tony Sampair

4. The wetland area shown on the plan received untreated stormwater runoff from a storm sewer outfall north of Griffin Street, approximately 175 feet west of Iris Street.

Board Action:

8/18/95
EJT

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

1. Wetland Delineation Report.
2. Preliminary plat conveying easement over all wetlands and ponding area to be constructed under RCWD Permit 95-116 for Lot B.

Location: 13957 Lake Drive, Columbus Township.

T-R-S: 32-22-33 abc

Purpose: Approval of a Land Development to divide an 11.35-acre parcel from a 27.56-acre lot.

- Exhibits:
1. Permit Application, dated August 11, 1995, received August 11, 1995.
 2. Topographic and boundary survey prepared by E.G. Rud and Sons, dated August 8, 1995, received August 11, 1995.
 3. RCWD Permit File 95-116.

Findings: 1. Applicant proposes lot split only. Construction activities are to be covered by RCWD Permit 95-116 by a different applicant.

Board Action:

8/18/95
EJT

Permit Application No. 95-126: RAO Manufacturing Co.

NPR

Recommendation: No permit required.

Location: 200 Mississippi Street, Fridley.

T-R-S: 30-24-14 cbbb

Purpose: Approval of a Final Site Drainage Plan for construction of a 0.56-acre addition to a parking lot for an existing office/warehouse building, 5.85 acres.

Exhibits: 1. Permit Application, dated August 10, 1995, received August 11, 1995.
2. Grading and Storm Sewer Plan prepared by Clark Engineering, undated, received August 11, 1995.
3. Hydraulic/hydrologic calculations prepared by Clark Engineering, dated August 4, 1995, received August 11, 1995.

Findings: 1. Although the site drains north into the District and so is within the hydrologic boundary of the District, it is outside the legal boundary of the District. Therefore, no permit is required.
2. An on-site detention pond will be regraded to serve the additional site runoff. Rate control is maintained for the 100-year storm. No information has been provided for the 1-year rainfall.

Board Action:

8/18/95
EJT

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

1. REVISED LOWEST FLOOR ELEVATION NO LOWER THAN 923.5.
1. ~~Calculations determining 100-year floodplain elevation for County Ditch 11.~~
2. Cash surety in the amount of \$250.

Location: 150 feet south of the southwest quadrant of East Street and Park Avenue, White Bear Township.

T-R-S: 30-22-11 daad

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan for coordination of two lots and construction of a single family residence, 0.4± acres.

Exhibits: 1. Permit Application dated July 13, 1995, received July 13, 1995.

2. Plot plan prepared by Kurth Surveying, Inc., dated July 12, 1995, received July 13, 1995.

3. Drainage easement legal description prepared by Kurth Surveying, dated July 12, 1995, received July 13, 1995.

4. ~~CALCULATIONS OF THE 100-YR FLOOD ELEVATION FOR CD-11 AT PARK AVE, PREP'D BY CHARLES PLOWE, DATED 7-28-95, RECD 7-28-95~~

Findings: 1. Applicant is proposing combination of Lots 6 and 7 of Block 7 of Bald Eagle Park. The site is located across East Street from Ramsey County Ditch 11 (within 300 feet).

2. All site drainage is to County Ditch 11 through overland flow or through an 8-inch tile line which lies across both Lots 6 and 7, WITHIN 15 FT OF THE HOUSE LOCATION.

3. Easements have been provided over the pipeline corridor. The easement extends 7.5 feet south and 12.5 feet north of the centerline of the tile lie along its entire length.

4. NWI maps show no wetlands on site.

5. ~~The lowest floor elevation for the house is to be 917.7. The residence is 922.3 with higher elevations between the road and the house pad. THE 100-YR FLOOD ELEVATION FOR THE SITE IS 921.5. AN EXTENDED~~

Board Action:

PEAK
DURATION DISCHARGE OF 38 CFS IS EXPECTED FOLLOWING A 100-YR
FOR WHITE BEAR LAKE
EVENT. THIS FLOW WOULD CAUSE A HEADWATER OF 920.2 FT AT
PARK AVENUE.

6. THE RESIDENCE IS LOCATED ACROSS EAST STREET COUNTY DITCH ELEVEN. EAST STREET HAS AN OVERFLOW OF 922.3 (THE EMERGENCY OVERFLOW FOR PARK AVENUE IS 923.6). EVEN THOUGH THE HOUSE IS ISOLATED BY THE HIGHER ELEVATION OF EAST ST, THE PRESENCE OF
FROM THE FLOODPLAIN
-38- THE
7/21/95
EJT

Rice Creek watershed district

3585 LEXINGTON AVENUE NORTH, SUITE 132
ARDEN HILLS, MINNESOTA 55126-8016
TELEPHONE (612) 483-0634
FAX (612) 483-9186



Board of Managers
Regular Meetings:
2nd and 4th Wednesdays
at Shoreview City Hall

KATE DREWRY, District Admin.
BONITA TORPE, Admin. Assist.

August 9, 1995

Mr. Charles W. Plowe, Consulting Engineer
9180 Lexington Avenue N.E.
Circle Pines, MN 55014

SUBJECT: Minimum Floor Elevation for Nelson Property, White Bear Township
RCWD Permit 95-97

Dear Mr. Plowe:

The Rice Creek Watershed District (RCWD) has received your calculations regarding the 100-year flood elevation of Ramsey County Ditch 11 at Park Avenue in White Bear Township. The flood elevation of ~~912.5~~ ^{921.5} has been verified and appears to be reasonable.

The RCWD will require the minimum floor to be at elevation 923.5. This number represents the elevation of the 100-year floodplain plus 2 feet of freeboard as outlined in Section 5 of the RCWD water resource management plan. This requirement is standard for all properties subject to flood damage.

In previous conversations with the RCWD Engineer, you proposed that the house is located on the opposite side of East Street from County Ditch 11 and is isolated from the floodplain by the street whose lowest elevation is 922.5, 0.8 feet above the 100-year floodplain (elevation taken from the Johnson residence site survey). However, the lowest elevation of Park Avenue is 923.6 (provided in your letter dated July 28, 1995), 1.3 feet higher than the lowest point on East Street. This means if the Park Avenue culvert should become blocked, the ditch overflow would be directed towards the Johnson property. In similar circumstances, the RCWD has by precedent required that building elevations be at least 1 foot above the emergency overflow elevation. Accordingly, the lowest allowable floor elevation is, again, 923.5.

Please feel free to call with any questions or comments regarding this decision. My direct dial phone number is 595-5273. The next meet at which the Board will review permits is August 23, 1995.

Sincerely,

MONTGOMERY WATSON
Engineers for the District


Eric J. Thompson

:crs

BOARD OF MANAGERS

A. J. CARDINAL, SR.
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ANOKA COUNTY

MONTGOMERY WATSON Consulting Engineers 593-9000 • Co-Counsel: HAROLD H. SHEFF 332-1000, MICHELLE J. ULRICH 699-9845

Recommendation: Table pending receipt of:

1. Fulfillment of WCA public notice requirements.
2. Resolution of EAW proceedings.
3. Preliminary plat identifying property boundaries and easements over wetlands and other hydraulic/hydrologic features.
4. Riprap specified for all storm sewer outfalls.
5. Information relating to groundwater levels throughout project site.
6. Wetland Delineation Report for the proposed mitigation area.
7. Cash surety in the amount of \$22,000.

Location: Southwest quadrant of 130th Street and Falcon Avenue N., Hugo.

T-R-S: 31-21-31 abb

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a residential development to be known as Woods of Bald Eagle Lake, 54 single family residences, 13 townhomes, 58.8± acres.

- Exhibits:
1. Permit Application, dated July 10, 1995, received July 13, 1995.
 2. Grading, Drainage, and Erosion Control Plan prepared by Merila and Associates, last revised August 22, 1995, received August 23, 1995.
 3. Wetland Delineation Report prepared by STS Consultants, Ltd., dated August 24, 1994, received July 13, 1995.
 4. Drainage summary prepared by Merila and Associates, last revised August 22, 1995, received August 23, 1995.
 5. WCA Replacement Plan Application prepared by Applicant, dated July 13, 1995, received July 13, 1995.
 6. EAW prepared by the City of Hugo, dated July 21, 1995, received July 31, 1995.
 7. RCWD Permit File 94-44.

- Findings:
1. The project reviewed under RCWD Permit 94-44 has been enlarged under the current application. The 1994 permit was for 30 lots on 25 acres.

Permit Application No. 95-100: Grace Development Co.

2. The Wetland Delineation Report shows extensive wetlands on site. The wetlands fall into five basins, four of which will be impacted, for a total of 1.65 acres.
3. Four detention ponds have been designed for rate control and treatment of stormwater runoff. A total dead storage volume of 2.73 ac-ft is provided. This value exceeds District requirements by 0.97 ac-ft.
4. The developed site will discharge 0.69 ac-ft and 1.9 ac-ft of extra volume during the 1- and 100-year storms, respectively. Following development, the site design will retain this volume on site, increasing local 100-year elevations within the basin east of Ethan Avenue by 0.12 feet following construction. Lowest floor elevations are all at least 3.8 feet above 100-year flood elevations.
5. The site received preliminary plat approval by the City of Hugo in July 1995.
6. The project is the focus of a mandatory EAW as required by Minnesota Rules 4410.4300 Subpart 32.
7. The 10-year bounce within the specified wetland replacement area is 0.39 feet. WCA ~~allowing~~ allows up to 1 foot.

Board Action:

8/18/95
EJT

LOG BD ACTION: 8-11-95 /BT
COPY TO FILE: 8-11-95 /BT
TYPE ATTACHMENT: 8-11-95 /BT

8-9-95 MTG
FINAL

Permit Application No. 95-08: Barr and Harley Development TWAFAA

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

1. Cash surety in the amount of \$6,400.
2. Wetland Replacement Plan fee of \$500.

Stipulations:

1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
2. The Declaration of Restrictions and Covenants for Replacement Wetlands, the Affidavit of Landowner(s), and the Consent to 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.

Location: Extension of Isleton Avenue Court between Mann Lake and Round Lake, Grant Township.

T-R-S: 30-21-4 aaca

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Mann Lake Estates III, 29 lots, 290± acres.

Exhibits:

1. Permit Application, dated January 27, 1995, received January 27, 1995.
2. Drainage report prepared by Nyhus Engineering, dated January 24, 1995, received January 27, 1995.
3. Predeveloped, developed, and soils drainage plans, prepared by Nyhus Engineering, dated January 23, 1995, received January 27, 1995.
4. Grading and Erosion Control Plan prepared by Nyhus Engineering, last revised March 8, 1995, received March 10, 1995.
5. Preliminary plat prepared by Bruce Folz and Associates, dated July 1, 1994, received March 13, 1995.
6. WCA Replacement Plan Application prepared by Applicant, dated January 27, 1995, received January 27, 1995.
7. Sequencing Narrative, unsigned, undated, received January 27, 1995.
8. U.S. Army COE Nationwide Permit, dated January 6, 1995, received January 27, 1995.

8/4/95
EJT

1000

Permit Application No. 95-08: Barr and Harley Development

9. Wetland delineation report, prepared by the Washington County Soil and Water Conservation District, dated November 23, 1994, received January 27, 1995.
10. RCWD Permit Files 93-57, 94-08, and 94-15.

Findings:

1. The proposed project will impact wetland areas. The impacts are itemized as follows: 400 sq ft of a Type II wetland and 600 sq ft, 4,500 sq ft, and 900 sq of three individual Type II/VI wetlands, for a total loss of 6,400 sq ft. A wetland replacement plan with a 2:1 replacement ratio has been received. The wetland impacts are associated with the roadway construction portion of the project.
2. The grading plan identifies 13 and 18 subwatersheds for the undeveloped conditions ^{and developed condition} respectively. However, the model results are based on 8 and 9 subwatersheds, respectively. Furthermore, runoff is routed through only one structure for both conditions while the grading plan shows 6 culverts for developed conditions.
3. All roadways are rural section. There will be no concentrated flow which will require treatment.
4. The \$6,400 value of the cash surety was determined by the following: \$3,000 for a site development with disturbed areas between 5 and 10 acres and \$500 for a Wetland Alteration Plan, plus \$1,000 per acre impact x 12,800 sq ft.

Board Action:

MSP

AJC/BAH 4-0

TWafaa

8/4/95
EJT

EARLY CONSIDERATION FOR AUG. 9 Bd MTS.



RICE CREEK
WATERSHED DISTRICT

Rice Creek Watershed District
3585 Lexington Avenue North Suite 132
Arden Hills, Minnesota 55126 - 8016

8-3-95 Fxd to Engr

cc: MGRS (5)
ADMIN (1)
ATTY (1)
ENGR (1)
AC (2)
PUBLIC (1)

Re: RCWD Permit Application 95 -08
Mann Lake Estates III 29 Lots

Your letter of May 26 indicates that all requirements for issuance of the RCWD Permit for the referenced project have been met with the exception of:

1. Payment of the 550 Wetland fee
2. Payment of Cash surety of 6400

We have not supplied the requested funds as we had not received final approval from other governing agencies. However, we now have approval with the condition that we receive the RCWD Permit.

I request this permit receive early consideration at your next meeting. I would not ask this if it required a study or a review by your engineer but as this has been previously approved, I ask the early consideration be granted thus allowing me to start construction so that completion would be possible before bad weather.

Sincerely,

Cal Barr
Barr and Harley Development
Edina Realty
2966 White Bear Avenue
Maplewood, MN 55109

RICE CREEK WATERSHED DISTRICT
CONSENT AGENDA
JULY 26, 1995



It was moved by _____ and seconded by _____ to approve, ratify, table with authorization for administrative action, table, or withdraw the Permit Applications noted in the following table of contents in accordance with the District Engineer's Recommendation, as contained in the Engineer's Report dated July 21, 1995.

FINAL COPY

~~no action at all on Open P.A.~~

no action at all on Open P.A.

~~no action at all on Open P.A.~~

RICE CREEK WATERSHED DISTRICT

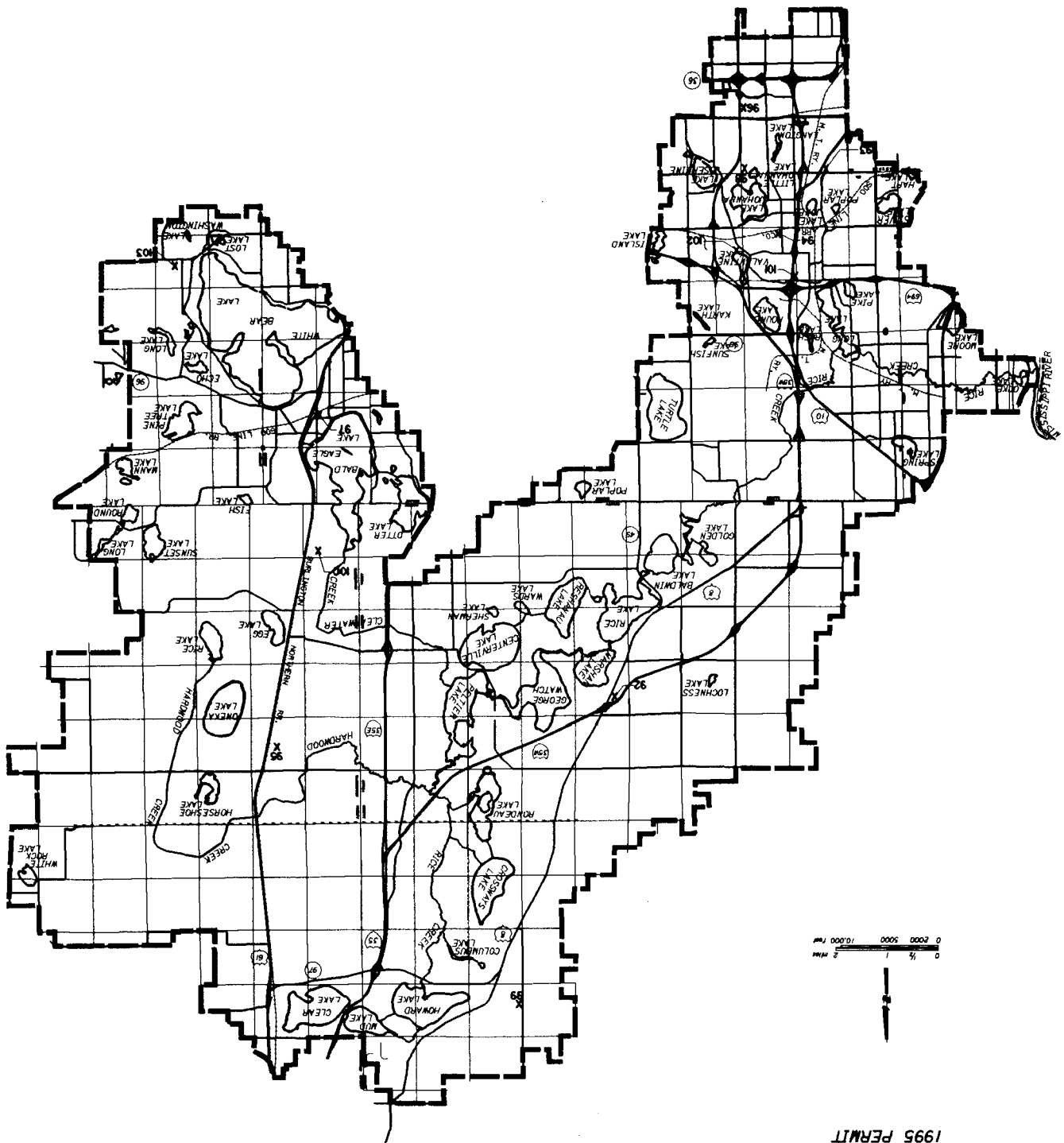
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* To be presented

MONTGOMERY WATSON



RICE CREEK
WATERSHED DISTRICT
1995 PERMIT

Permit Application No. 94-14: Midwest Contracting, Inc.
(Successful Bidder, City of Hugo)

RAT

Recommendation: Ratification of administrative approval.

Location: Hardwood Creek at Elmcrest Avenue, Hugo.

T-R-S: 31-21-7 bbbc

Purpose: Approval of a Culvert Construction Plan for replacement of the existing timber structure at the Hardwood Creek crossing at Elmcrest Avenue with a hydraulically equivalent 7-foot by 12-foot concrete box culvert.

- Exhibits:
1. Permit Application, dated January 20, 1994, signed by Successful Bidder on July 10, 1995.
 2. Site construction plans prepared by Kuusisto Engineers, dated January 1991, received February 1, 1994.
 3. DNR Protected Waters Permit for Road Crossing and Culvert Replacement at Elmcrest Avenue, received February 1, 1994. Permit has been extended to November 30, 1994.
 4. Erosion Control Plan notes prepared by Kuusisto Engineers, dated March 4, 1994, received March 7, 1994.
 5. 3.5-inch diskette containing HEC-2 input file for Hardwood Creek modeling existing conditions with replacement culvert.
 6. Verification of existing structure invert prepared by Kuusisto Engineers, dated March 4, 1994, received March 2, 1994.
 7. RCWD Project Review File No. 91R25.
 8. Cash surety in the amount of \$3,000, received July 10, 1995.

- Findings:
1. There is an extensive Type PEMB wetland upstream of Elmcrest Avenue along Hardwood Creek. Impacts to this wetland are anticipated to be minimal due to the nature of this project.
 2. Site is located in Floodplain Sector B. Compensatory storage issues resulting from encroachments required to replace the timber structure with a concrete culvert are not an issue.
 3. The DNR permit shows a culvert invert specification of 894.55. The HEC-2 sheet supplied to RCWD specifying upstream invert of 894.8 and a downstream invert of 894.3 feet MSL.
 4. The concrete box culvert invert is to be placed at the elevation of the existing wooden structure invert of 894.5. This matches the existing flow lines of Hardwood Creek in and around Elmcrest Avenue.

7/21/95
EJT

Permit Application No. 94-14: Midwest Contracting, Inc.
(Successful Bidder, City of Hugo)

5. The HEC-2 model uses a flow rate of 595 cfs at the Elmcrest crossing. The RCWD TR-20 model shows existing peak flow rate of 534 cfs.
6. The current emergency overflow elevation is approximately 805.4 feet MSL. The culvert crossing improvements will raise the overflow elevation to 907.0 feet MSL. Flood elevation is approximately 902± and will not be affected.

Board Action:

7/21/95
EJT

Recommendation: Ratification of administrative approval.

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 15th of each year.

Location: North of 112th Avenue N.E., west of Lexington Avenue, Blaine.

T-R-S: 31-23-14 acc

Purpose: Approval of a Land Development Plan, a Culvert Construction Plan, and a Wetland Alteration Plan for construction of a single family residential development to be known as North Oaks Ponds 1st Addition, 25 lots, 242± acres.

- Exhibits:
1. Permit Application dated February 4, 1994, received May 12, 1994.
 2. Preliminary plat and Ditch Blockage Plan prepared by Ulteig Engineers, dated May 6, 1994, received May 13, 1994.
 3. Wetland delineation data forms prepared by John Anderson, dated August 13, 1992, received May 12, 1994.
 4. Project narrative prepared by Ulteig Engineers, undated, received May 12, 1994.
 5. Detention basin design calculations prepared by Ulteig Engineers, dated April 8, 1994, received May 13, 1994.
 6. Letter from the Department of the Army to Mr. Gerald Flowden, Ulteig Engineers, regarding USCOE Nationwide Permit for construction of ditch plugs within Branch 3 of County Ditch 32.
 7. Calculations for 1- and 100-year runoff and ponding volumes prepared by Ulteig Engineering, dated June 9, 1994, received June 24, 1994.
 8. Tabulation of wetland types, sizes, areas impacted, and quantification of wetland mitigation areas and types of mitigation wetlands prepared by Ulteig Engineering, dated June 9, 1994, received June 24, 1994.

7/21/95
EJT

Permit Application No. 94-95: Willard Morton

9. Wetland Conservation Act Sequencing Narrative and Replacement Plan prepared by Ulteig Engineering, dated June 7, 1994, received June 14, 1994.
10. RCWD Permit File 93-40.
11. Cash surety in the amount of \$5,000, received June 21, 1995.
12. Irrevocable Letter of Credit No. 5483 in the amount of \$10,000, dated June 28, 1995, received June 30, 1995, from Signal Bank of West St. Paul.

Findings:

1. The proposed project involves creation of four residential lots through development of Outlot C of North Oaks Ponds which was approved under RCWD Permit 93-40. Wetland impacts occur as a result of creation of a roadway for access to the isolated construction site. The roadway crosses Anoka County Ditch 53-62. The culvert is to be set at a centerline invert of 893.11 on a 0.0% slope.
2. The proposed project involves 0.92 acres of wetland fill. The Applicant is proposing replacement of 0.79 acres of wetland and states that 2.22 acres of excess mitigation were created under the original development of this project. The Applicant requests that the excess mitigation be applied to the current project.
3. The project includes plans for construction of ditch blocks in Branch 3 of Anoka County Ditch 53-62 as a Wetland Restoration Plan for a 24.6-acre wetland creation project. This project is being coordinated with the USCOE. This wetland area will also serve as mitigation for any impact of the current plan.
4. A small sedimentation basin has been included in the plans for pretreatment and rate control for the stormwater leaving the project site.
5. Erosion control has been provided in the form of silt fence at all downslope sides of the construction area.
6. Floodplain elevation per FEMA is 897.5. The lowest minimum floor for the site is 906.0 feet MSL.

Board Action:

7/21/95
EJT

Permit Application No. 94-132: Bonine Excavating
(Successful Bidder, City of Lino Lakes)

RAT

Recommendation: Ratification of administrative approval.

Location: Hodgson Road between Birch Street and Linda Avenue, Lino Lakes.

T-R-S: 31-22-30, 31

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a trunk watermain, 3,700 linear feet.

- Exhibits:
1. Permit Application, undated, received August 3, 1994, signed by Successful Bidder on June 30, 1995.
 2. Construction plans prepared by TKDA, dated July 18, 1994, received August 3, 1994.
 3. Wetland Delineation Report prepared by Peterson Environmental Consulting, Inc., dated November 1993, received August 23, 1994.
 4. Cash surety in the amount of \$2,000, received June 30, 1995.

- Findings:
1. The proposed project involves placement of 3,700 linear feet of 12-inch watermain along the eastern right-of-way of Hodgson Road.
 2. NWI plans for the region show a Type PEMC (III) wetland along the eastern edge of Hodgson Road north of Linda Avenue.
 3. Wetland impacts associated with this project will be minimal and temporary. Any permanent impact would be covered by WCA Exemption 11, which allows for permanent impacts of less than 0.5 acres for utility line construction.

Board Action:

7/21/95
EJT

Permit Application No. 94-198: Arnt Construction Co., Inc.
(Successful Bidder, Washington County)

RAT

Recommendation: Ratification of administrative approval.

Location: Egg Lake Road (Highway 8A) between Highway 61 and Goodview Avenue N., Hugo.

T-R-S: 31-21-29 a and b

Purpose: Approval of a Roadway Reconstruction Plan and Wetland Alteration Plan for 0.8± miles of roadway.

- Exhibits:
1. Permit Application, undated, received November 23, 1994, signed by Successful Bidder on July 10, 1995.
 2. Letter to Applicant from RCWD granting Wetland exemptions 6 and 16, dated August 1, 1994.
 3. Letter to Applicant from U.S. COE granting Nationwide Permit, dated May 4, 1994, received November 23, 1994.
 4. Construction plans prepared by Washington County, undated, received November 23, 1994.
 5. Sediment trench capacity and estimated bedload deposit calculations prepared by TKDA, dated June 27, 1995, received June 29, 1995.
 6. Cash surety in the amount of \$3,000, received July 10, 1995.

- Findings:
1. Applicant proposes to repair 4741 feet of County Road 8A south of Egg Lake. The project will involve replacement of sewer and utility lines as well.
 2. 0.07 acres of wetland will be filled under this project. The appropriate WCA Exemption (no. 16) and COE permits have been obtained for this activity.

Board Action:

7/21/95
EJT

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

1. Revised Wetland Delineation Report.
2. Specification for riprap at outfall to Valentine Lake.
3. Completion of EAW process.
4. Cash surety in the amount of \$2,000.

Location: Northwest quadrant of County Road E2 and Old Highway 10, Arden Hills.

T-R-S: 30-23-28 add

Purpose: Approval of a Land Development Plan for a residential development to be known as Townhomes of Lake Valentine, 16 units, 4.6± acres.

- Exhibits:
1. Permit Application, dated January 11, 1995, received January 11, 1995.
 2. Preliminary Grading, Erosion Control, and Utility Plans prepared by Passe Engineering, Inc., last revised July 17, 1995, received July 20, 1995.
 3. Preliminary plat granting easements over wetlands and all drainage utilities, prepared by E.G. Rud, undated, received February 10, 1995.
 4. Stormwater pond volume sizing calculations prepared by Passe Engineering, dated January 11, 1995, received January 11, 1995.
 5. Tributary area watershed maps, undated, received February 10, 1995.
 6. Wetland delineation report, prepared by Arlig Environmental, dated November 1, 1994, received January 24, 1995.
 7. Hydrologic/hydraulic calculations prepared by Passe Engineering, last revised July 13, 1995, received July 18, 1995.

- Findings:
1. The Applicant proposes construction of eight duplex units, Valentine Court, and a detention pond. The pond will drain directly to Valentine Lake under Old Highway 10.
 2. A detention pond has been included to provide stormwater rate control and treatment. The pond has been designed to meet District requirements. The storm sewer plan needs to be revised to include riprap erosion protection at the storm sewer outfall to Valentine Lake.

Permit Application No. 95-04: Dan Ogren

3. NWI maps for the site show a Type III/V (PEMC/PUBF) wetland on the site and soil survey indicates hydric soils cover most of site. The revised Grading Plan shows two wetlands on site. There will be no filling or excavation in these wetlands.
4. The 100-year floodplain for the site is 879.5. The lowest floor elevation is 885.5.

Board Action:

No Action

7/21/95
EJT

Permit Application No. 95-06: C.S. McCrossan RAT
(Successful Bidder, Ramsey County)

Recommendation: Ratification of administrative approval.

Location: Silver Lake Road between Silver Lake and I-694, New Brighton and St. Anthony.

T-R-S: 30-23-30 and 31

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for a roadway reconstruction project, 7,100± lineal feet.

- Exhibits:
1. Permit Application, dated January 12, 1995, received January 12, 1995, signed by Successful Bidder July 7, 1995.
 2. Construction plans prepared by SRF, dated December 14, 1994, received January 12, 1995.
 3. DNR Permit Application dated December 30, 1994, received January 12, 1995.
 4. Project narrative and request for WCA Exemptions 10 and 16 prepared by Ramsey County, dated January 12, 1995.
 5. Combined Project Notification Form, dated December 30, 1994, received January 12, 1995.
 6. Wetland delineation Data Forms prepared by Curtis Pratt, dated November 17, 1994, received January 12, 1995.
 7. Drainage calculations, dated December 1, 1994, received January 12, 1995.
 8. RCWD Permit 94-127.
 9. Outlet control structure details prepared by Ramsey County, dated December 12, 1994, received March 16, 1995.
 10. Cash surety in the amount of \$3,000, received July 7, 1995.

- Findings:
1. Proposed project involves reconstruction of 7,100 ft of Silver Lake Road and replacement of portions of storm sewer and utility lines between Silver Lake and I-694.
 2. The project also involves construction of a forebay through removal of the existing sediment delta at the Silver Lake outlet of the Apache Plaza storm sewer and an outlet control skimmer to improve the water quality of discharges to the lake from the areas south of Silver Lake. This project is technically independent of the roadway reconstruction as none of the "redeveloped" roadway sections drain directly to this forebay.

7/21/95
EJT

Permit Application No. 95-06: C.S. McCrossan
(Successful Bidder, Ramsey County)

3. Three stormwater ponds, two of which currently exist, will be utilized to treat stormwater runoff from Silver Lake for all areas south of a point 800± ft north of County Road E. The new pond has been designed according to NURP guidelines and meets District requirements for water quality. All drainage areas affected by this project which outlet to Silver Lake are routed through ponds which meet or exceed District standards for water quality.
4. All areas north of County Road E drain via existing trunk storm sewer to the Hansen Park Drainage District of New Brighton as approved under the New Brighton Comprehensive Stormwater Management Plan. The areas between County Road E and 5th Street drain to an existing water quality pond west of Silver Lake Road between Sioux Boulevard and Tioga Boulevard. The area north of 5th Street drains to an existing storm sewer constructed, in part, under RCWD Permit 94-127 east along 7th Street to County Ditch 2.
5. The project will impact 0.46 acres of wetland. The Applicant is eligible for Exemption 10 for filling 0.10 acres of roadside ditch and Exemption 16 for 0.36 acres of roadside wetland to correct for road designs and safety.

Board Action:

7/21/95
EJT

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

1. WCA sequencing narrative and replacement plan application.

Stipulation: This permit applies to development of the 1st Addition and grading of the two ponds between the 1st, 2nd and 3rd Additions only.

Location: Northeast quadrant of Sunset Road and Lilac Street, Lino Lakes.

T-R-S: 31-22-7 c and d

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of the 1st Addition of a single family residential development to be known as Behm's Century Farm, 105± acres, 160 lots (1st Addition, 30 acres, 65 lots).

- Exhibits:
1. Permit Application, dated April 13, 1995, received April 13, 1995.
 2. Preliminary Grading Plan prepared by J. C. Johnson Consultants, Inc., last revised June 19, 1995, received July 20, 1995.
 3. Concept sketch prepared by J. C. Johnson Consultants, Inc., dated April 13, 1995, received April 13, 1995.
 4. Preliminary plat prepared by J. C. Johnson Consultants, Inc., dated July 19, 1995, received July 20, 1995.
 5. Hydraulic/hydrologic calculations prepared by John C. Johnson, last revised July 12, 1995, received July 20, 1995.
 6. Cash surety in the amount of \$6,000, received June 8, 1995.

- Findings:
1. The Applicant is currently planning construction activities for the 1st Addition and two of the three ponding facilities which are located in the 2nd Addition.
 2. Three mitigation areas for future proposed impacts associated with the 1st, 2nd, and 3rd Additions are located within ponding areas. Sedimentation forebays are located around the mitigation areas to prevent eventual loss of area. Ultimately, approximately 90,000 sq ft of mitigation wetland will be created to offset roughly 27,000 sq ft of fill area.
 3. There will be three ponds constructed to serve the 1st, 2nd, and 3rd Additions. Two of the ponds flow into a central pond which outlets to Anoka County Ditch 10. Adequate rate control and treatment will be provided by this system.

7/21/95
EJT

Permit Application No. 95-53: Gary Uhde

4. The Applicant has included in the grading plan an alteration to the main branch of Anoka County Ditch 10-22-32. The applicant is proposing construction of a large sedimentation basin which will provide retrofit treatment to areas upstream of the development. The ditch alteration will not impede or improve flow rates. It is strictly a water quality and flood storage benefit.
5. The current grading plan for the 1st and 3rd Additions will create an additional storage volume of 11.54 ac ft of live storage below the 100-year elevation of 898.0. Ultimately, a total flood storage increase of 18.97 ac-ft will be created by this project. The project will create an excess 100-year volume of only 8± ac ft of runoff over existing land conditions, leaving a site benefit of almost 11 ac-ft of floodplain.
6. The lowest floor elevation for any house on the site is 900.0, which satisfies the District's 2-foot freeboard requirement for 100-year floods. Also, those houses near on-site ponds also reflect a 2-foot freeboard for pond 100-year levels.

Board Action:

7/21/95
EJT

Permit Application No. 95-56: Allen and Lavonne Hanson

RAT

Recommendation: Ratification of administrative approval.

Location: 48 Peninsula Road, Dellwood.

T-R-S: 30-21-19 babb

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake, 0.9± acres.

Exhibits: 1. Permit Application, dated April 24, 1995, received April 27, 1995.
2. Site Plan prepared by Bruce W. Schmidt and Associates, dated April 10, 1995, received April 27, 1995.
3. RCWD Permit Files 92-61, 85-126, and 81-66.
4. Cash surety in the amount of \$250, received June 20, 1995.

Findings: 1. RCWD has issued several permits for the East Peninsula of White Bear Lake: 92-61 was for 15 Peninsula Road, 85-126 was for 44 Peninsula Road, and 81-66 was for 21 Peninsula Road.
2. The 100-year flood elevation of White Bear Lake is 926.7. The lowest floor (existing) elevation of the residence is 946.9.
3. The OHW of White Bear Lake is 924.7. The existing house is set 75 feet back from the OHW. This meets District requirements (White Bear Lake is classified as General Development).
4. Drainage swales are to be cut at the south project border to keep drainage from flowing into the neighbor's property.
5. A silt fence will be placed downslope of all graded areas.

Board Action:

7/21/95
EJT

Recommendation: Approval.

Location: Northeast quadrant of Sunset Road and County Road 12, Lino Lakes.

T-R-S: 31-22-18 dcb

Purpose: Approval of a Land Development Plan for construction of a single family residential development to be known as Willow Ponds of Lino Lakes, 10 single family residences, 48 rental units, 13.6± acres.

Exhibits:

1. Permit Application, dated May 11, 1995, received May 11, 1995.
2. Preliminary Grading and Drainage Plan prepared by J. C. Johnson Consultants, Inc., dated March 23, 1995, received May 11, 1995.
3. Preliminary plat prepared by J. C. Johnson Consultants, Inc., dated March 23, 1995, received May 11, 1995.
4. Hydrologic/hydraulic calculations prepared by J. C. Johnson Consultants, Inc., dated May 11, 1995, received May 11, 1995.
5. RCWD Permit File 94-49.
6. Cash surety in the amount of \$3,000, received June 30, 1995.

Findings:

1. Applicant wishes to develop a parcel originally reviewed as RCWD Permit 94-49. The 1994 application was withdrawn after a change in ownership occurred.
2. NWI maps show no wetlands on site.
3. The Stormwater Management Plan exceeds District requirements for rate control and water quality. Both stormwater ponds have storage in excess of two times the runoff from a 100-year rainfall. The ponds have been designed as infiltration basins with emergency overflows to I-35W.
4. Easements have been granted for all stormwater facilities.

Board Action:

7/21/95
EJT

Recommendation: Approval.

Location: 1417-10th Street, New Brighton.

T-R-S: 30-23-29 bbb

Purpose: Approval of a Final Site Drainage Plan for demolition of 60 detached garages and replacement with paved parking surface.

Exhibits: 1. Permit Application, dated May 3, 1995.
2. Existing and proposed site plans prepared by Miller Dunwiddie Associates, Inc., last revised July 14, 1995.
3. RCWD Permit File 87-157.
4. Cash surety in the amount of \$500, received July 18, 1995.

Findings: 1. Construction activities, which consist of replacing four garages with open parking, will occur over roughly 0.32 acres.
2. Site drainage is to a very large on-site detention pond which outlets to Ramsey County Ditch 2.
3. Construction activities were last permitted for the site in 1987 to repair the pond berm which had failed during a large storm.

Board Action:

Recommendation: Ratification of administrative approval.

Location: Approximates the alignment of Highway 61, Forest Lake Township, Forest Lake, Hugo, White Bear Lake, and White Bear Township.

T-R-S: T30, 31, 32, R21

Purpose: Approval of a Utility Replacement and Wetland Alteration Plan for reconstruction for 27± miles of aerial power lines.

Exhibits: 1. Permit Application, dated May 18, 1995, received May 24, 1995.
 2. Project location map, undated, received May 24, 1995.
 3. Project narrative, prepared by applicant, dated May 18, 1995, received May 24, 1995.
 4. Cash surety in the amount of \$2,000, received July 10, 1995.

Findings: 1. Project proposes replacement of 27± miles of 69 kVolt lines with 115 kVolt lines. The extent of groundwork will be replacement of new poles for old or undersized.
 2. The power line is located in an existing utility easement.
 3. Placement of the power poles will be through augured holes with gravel fill. This will cause a minimal impact to wetlands through which the line passes. WCA Exemption 11 allows this type of project.

Board Action:

Permit Application No. 95-76: Ro-So Contracting, Inc.
(Successful Bidder, City of Arden Hills)

RAT

Recommendation: Ratification of administrative approval.

Location: Stowe Avenue between New Brighton Road and Lake Johanna Boulevard,
New Brighton.

T-R-S: 30-23-33 b and c

Purpose: Approval of a Roadway and Utility Reconstruction Plan for 1, 328 feet of
existing roadway.

- Exhibits:
1. Permit Application, undated and received May 25, 1995, signed by
 Successful Bidder June 29, 1995.
 2. Construction plans prepared by MSD, dated May 10, 1995, received
 May 25, 1995.
 3. Cash surety in the amount of \$3,000, received June 30, 1995.

- Findings:
1. Proposed project involves reconstruction of roadway surface and one
 continuous storm sewer line which discharges directly to Lake
 Johanna.
 2. A grit chamber is to be used for treatment of stormwater runoff from
 the roadway. The chamber has been designed in accordance with
 PCA standards and provides the required dead pool volume. The grit
 chamber will be located within the Stowe Avenue right-of-way and
 will treat runoff from the five catchbasins located along the street.
 Preliminary conversation with the Applicant's engineer indicates that
 there are no catchbasins downstream of the construction site (and
 hence no new concentrated flows).
 3. No wetland impacts will result from this project.
 4. Erosion control riprap has been specified for the storm sewer outfall to
 Lake Johanna.

Board Action:

7/21/95
EJT

Permit Application No. 95-80: Mark Holl

RAT

Recommendation: Ratification of administrative approval.

Location: 8260 Blackbird Lane, Lino Lakes.

T-R-S: 31-22-5 bca

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration for placement of fill to create a suitable building and septic site, 1.05± acres.

- Exhibits:
1. Permit Application, dated June 5, 1995, received June 5, 1995.
 2. Site location map prepared by Applicant, undated, received June 5, 1995.
 3. Site Sketch Plan prepared by Applicant, undated, received June 5, 1995.
 4. Documentation for WCA Exemption 24, dated June 5, 1995, received June 5, 1995.
 5. RCWD Permit File 83-126.
 6. Cash surety in the amount of \$1,000, received July 7, 1995.

- Findings:
1. Applicant wishes to place approximately 10,000 sq ft of fill in a wetland to create a suitable building pad and septic round system in an otherwise unbuildable lot.
 2. The Applicant qualifies for WCA Exemption 24 which allows for impacts for projects which received preliminary plat approval prior to July 1, 1986 provided activity has been ongoing between July 1, 1986 and January 1, 1992. Activity has been documented with building permit records from City of Lino Lakes.
 3. The site received RCWD Board approval for land development in 1983 as RCWD Permit 83-126.
 4. The Applicant has specified silt fence for erosion control.
 5. No fill will be placed within easement (floodplain) areas.

Board Action:

7/21/95
EJT

Permit Application No. 95-82: Garry and Maureen Olson

APP
FDDAF
TAB

Recommendation:

~~Table pending receipt of:~~
~~WITH AUTHORITY FOR ADMINISTRATIVE ACTION~~

APPROVAL

~~APPROVAL~~
~~APPROVAL~~
~~APPROVAL~~

2. Cash surety in the amount of \$500, REC'D 7-26-95

Stipulation: The culvert shall be of a diameter no less than 36 inches and shall be placed at a centerline invert of 901.7. The culvert shall be of a length sufficient to allow a minimum of 2:1 side slopes for crossing embankments. The crown of the ditch crossing shall be no more than 0.5 feet above the surrounding ditch banks.

Location: Southwest quadrant of Potomac Street and Camp 3 Road, Columbus Township.

T-R-S: 32-22-21 baa

Purpose: Approval of a Final Site Drainage Plan and Culvert Construction Plan for development of a single family residence riparian to Anoka County Ditch 46, 34.2± acres.

- Exhibits:
1. Permit Application, dated June 8, 1995, received June 9, 1995.
 2. Site Sketch Plan prepared by Applicant, undated, received June 9, 1995.
 3. Site survey prepared by Kurth Surveying, last revised July 10, 1995, received July 25, 1995.
 4. Wetland Delineation Report prepared by Anoka Conservation District, dated July 7, 1995, received July 12, 1995.

- Findings:
1. Applicant proposes construction of a 3,000± sq ft home adjacent to Branch 3 of County Ditch 46. A culvert is to be placed in the ditch near sta 15+00 to provide access from Potomac Street.
 2. NWI maps for the area show a small wetland on site. This area has been delineated and is shown on the site survey. Approximately 350 sq ft of wetland will be filled according to the current plan. This is eligible for WCA Exemption 25.
 3. The 100-year floodplain for the site is 903 (DNR). The basement floor elevation is to be at elevation 910.5.

7/21/95
EJT

Permit Application No. 95-82: Garry and Maureen Olson

4. The official profile of Branch 3 states that official profile is nearly 5 feet below the existing sediment level. To accommodate culvert placement without excessive ditch excavation, the culvert should be placed at a straight line slope with the culverts at Camp 3 Road and Potomac Street (this results in the culvert placement at the existing ditch grade, centerline invert of 901.7).

Board Action:

7/21/95
EJT

Permit Application No. 95-83: Michael and Marianne O'Malley

RAT

Recommendation: Ratification of administrative approval.

Location: 1/4 mile west of the northwest quadrant of Potomac Street and Camp 3 Road, Columbus Township.

T-R-S: 32-22-16 dcd

Purpose: Approval of a Wetland Alteration Plan for construction of two wildlife ponds on a 7.7± acre lot.

- Exhibits:
1. Permit Application, dated May 31, 1995.
 2. Site Plan prepared by Applicant, undated, received June 9, 1995.
 3. Erosion Control Plan prepared by Applicant, undated, received June 9, 1995.
 4. RCWD Permit 93-174.
 5. Cash surety in the amount of \$250, received July 10, 1995.

- Findings:
1. Project site is located in parcel C of a minor subdivision approved under RCWD Permit 93-174.
 2. Site is adjacent to the north of a private ditch which serves as a major tributary to County Ditch 46.
 3. Two ponds are to be excavated on the site and spoils are to be placed around the house pad. The spoils will be seeded to prevent erosion.
 4. The 100-year flood for the area is 903 (DNR). No fill will be placed in the floodplain or wetland areas.
 5. The southern pond will involve excavation in a wetland replacement area provided in RCWD Permit 93-174.

Board Action:

7/21/95
EJT

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

1. Revised Grading Plan showing pond outlet to existing regional pond located on western border of property and revised silt fence location.
2. Revised plat showing complete easement boundary on northern edge of pond area.
3. Cash surety in the amount of \$2,000.

Location: 600 feet north of the northwest quadrant of 81st Avenue N.E. and Arthur Street N.E., Spring Lake Park, 2.51± acres.

T-R-S: 30-24-1 accd

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan to construct an office building on a previously subdivided lot, 3± acres.

Exhibits:

1. Permit Application, dated June 12, 1995, received June 14, 1995.
2. Site Plan prepared by Lampert Architects, dated May 7, 1995, received June 14, 1995.
3. RCWD Permit File 86-05.

Findings:

1. Site is located within Lots 3 and 4 of Block 1 of Gonyea's Addition as approved by RCWD Permit 86-05.
2. The site contains wetlands as indicated by RCWD Permit 86-05 but they are not identified on the current submission. WCA Exemption 24 applies but impacts must be minimized where possible.
3. The current plan shows a stormwater pond for treatment of runoff. The pond has been designed with sufficient dead storage to meet District requirements.
4. The 100-year flood elevation for the area is 905. A lowest floor elevation of 908.0 has been specified.
5. The sediment pond outlets to a DNR protected wetland on the southwest corner of the site. The outlet should be rerouted to flow into the site regional pond approved under RCWD Permit 86-05. The pond, in turn, outlets to the DNR wetland.

Board Action:

7/21/95
EJT

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

1. Fulfillment of WCA public notice requirements.
2. The notice of Use Restriction and Maintenance Responsibility for the replacement wetland has been properly filed and recorded.

Stipulations: 1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.

2. 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: 1,500 feet southwest of the southwest quadrant of Lake Drive and Potomac Street, Columbus Township.

T-R-S: 32-22-28 aac

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residence and a driveway.

- Exhibits:
1. Permit Application, dated June 14, 1995, received June 14, 1995.
 2. Site boundary survey prepared by Hult & Associates, last revised July 10, 1995, received July 11, 1995.
 3. Wetland Delineation Report prepared by the Anoka Conservation District, dated May 1, 1995, received June 14, 1995.
 4. WCA Replacement Plan Application, dated June 14, 1995, received June 14, 1995.

- Findings:
1. Applicant is proposing construction of a 380-foot driveway to provide access to a residential lot.
 2. The proposed driveway crosses an extensive wetland area. Approximately 9,000 sq ft of impact will occur.
 3. The Applicant has provided an onsite mitigation area of 18,000 sq ft. This provides the minimum 2:1 mitigation ratio.

7/21/95
EJT

Permit Application No. 95-85: Richard Cross

4. Erosion control hay bales will be used to prevent sediment transport.
5. The 100-year floodplain for the site is approximately 903 (per DNR). Easements over wetlands are at approximately 903.5 and cover floodplain areas. A lowest floor elevation of 906 has been specified.

Board Action:

7/21/95
EJT

Permit Application No. 95-86: Cindy Bellamy and Shirley Smith

RAT

Recommendation: Ratification of administrative approval.

Location: Southwest quadrant of Ingersoll Avenue N. and 170th Street N, Hugo.

T-R-S: 31-21-3 daaa

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a single family residence, pole shed, and two wildlife ponds, 9.1± acres.

Exhibits:

1. Permit Application dated June 14, 1995, received June 14, 1995.
2. Site Sketch Plan prepared by Applicant, undated, received June 14, 1995.
3. RCWD Permit File 94-122.
4. Cash surety in the amount of 500, received June 28, 1995.

Findings:

1. Project site is located in parcel A of the minor subdivision approved under RCWD Permit 94-122.
2. RCWD Permit 94-122 contains a wetland delineation report for the site.
3. The site is riparian on the west to Hardwood Creek.
4. The 100-year floodplain for the site is 921. No lowest floor for the house has been specified.
5. Spoils from the pond areas are to be placed around the house and septic areas at a ground elevation of approximately 930, well out of the floodplain.
6. A 400 sq ft area of wetland is to be filled to provide a driveway to access the site. This fill qualifies for WCA Exemption 25.

Board Action:

7/21/95
EJT

Recommendation: Ratification of administrative approval.

- Stipulations:
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
 2. 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: 15004 Potomac Street, Columbus Township.

T-R-S: 32-22-21 ddd

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for subdivision of two lots from a 10.12± acre parcel and construction of a single family residence.

- Exhibits:
1. Permit Application dated May 18, 1995, received June 15, 1995.
 2. Preliminary Grading Plan prepared by Lot Surveys Company, Inc., last revised June 15, 1995, received June 28, 1995.
 3. Preliminary plat prepared by Lot Surveys Company, Inc., last revised June 26, 1995, received June 28, 1995.
 4. Wetland delineation report prepared by Anoka Conservation District, dated June 14, 1995, received June 15, 1995.
 5. WCA Replacement Plan Application, dated June 15, 1995, received June 15, 1995.
 6. RCWD Permit File 93-125.
 7. Declaration of restrictions and covenants for replacement wetland, dated July 13, 1995, received July 14, 1995.
 8. Cash surety in the amount of \$4,300, received July 13, 1995.

- Findings:
1. The site was reviewed in 1993 under RCWD Permit 93-125 for a Final Site Drainage Plan for construction of a garage.
 2. The 100-year floodplain for the site is 903 (DNR).
 3. The Applicant is proposing 8,000 sq ft of wetland fill to construct a 400-foot length of driveway. An equalization culvert is specified for connection of the divided wetland.

7/21/95
EJT

Permit Application No. 95-88: Randy and Bonnie Grubbs

4. An on-site replacement area of 16,700 sq ft has been provided. This satisfies the minimum 2:1 replacement ratio.
5. All upland sites in the construction area are above the 100-year floodplain.

Board Action:

7/21/95
EJT

Permit Application No. 95-89: Bridges Leasing Co., L.L.C.

TWAFAA

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

1. Quantification of wetland impact area and WCA Sequencing Narrative and Replacement Plan Application if required.

Location: 8400 Coral Sea Street, Mounds View.

T-R-S: 30-23-5 baad

Purpose: Approval of a Final Site Drainage Plan for construction of an office warehouse building, 3.0± acres.

- Exhibits:
1. Permit Application dated June 15, 1995, received June 15, 1995.
 2. Erosion control notes, undated, received June 15, 1995.
 3. Hydraulic calculations prepared by Clark Engineering, last revised July 13, 1995, received July 13, 1995.
 4. Revised Grading and Drainage Plan prepared by Clark Engineering, dated July 1995, received July 13, 1995.
 5. Wetland Delineation Report prepared by Arlig Environmental, dated July 13, 1995, received July 14, 1995.
 6. RCWD CSMP File 87C02.
 7. Cash surety in the amount of \$2,000, received July 12, 1995.

- Findings:
1. Site is adjacent to Anoka-Ramsey JD-1. The onsite detention pond discharges directly to the ditch.
 2. NWI maps for the region show a large Type III PEMC wetland on site. This wetland is not shown on the plan.
 3. The 100-year floodplain for the area is 901 feet. The lowest floor elevation is 908.0.
 4. A onsite detention pond has been designed to control and treat stormwater runoff. The pond satisfies District requirements for quality and rate control.
 5. The site is located within a approved stormwater comprehensive planning area. However, to date neither of the two ponds identified in the plan have been constructed. The pond to serve this site will be located partially within the outlot designated for stormwater ponding according to the approved CSMP.

7/21/95
EJT

Permit Application No. 95-89: Bridges Leasing Co., L.L.C.

6. Approximately 500 sq ft of wetland will be filled. The exact area has not been quantified.

Board Action:

7/21/95
EJT

Permit Application No. 95-90: All-Right Self-Storage

RAT

Recommendation: Ratification of administrative approval.

Location: 2310 Leibel Street, White Bear Township.

T-R-S: 30-22-1 bbb

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a private storage facility.

Exhibits: 1. Permit Application dated June 15, 1995, received June 15, 1995.
2. Grading Plan prepared by Professional Engineering Consultants, Inc., dated June 15, 1995, received June 15, 1995.
3. RCWD Permit File 93-211.
4. Cash surety in the amount of \$1,000, received July 11, 1995.

Findings: 1. Project site is located within the White Bear Township's Northeast Area Master Plan as approved by RCWD as Permit 93-211. All stormwater runoff concerns are met by this plan.
2. NWI maps show a large Type II (PEMB) wetland covering the majority of the site. WCA Exemption 24 applies but impacts must be minimized where possible. Per a site inspection by District Administration, the only wetland fill is for driveway crossing road ditch.
3. The Applicant is proposing wetland impacts for construction activities on the site. The amount of area to be impacted has not been quantified.
4. The 100-year floodplain for the site is 903.5, the lowest floor elevation is to be 936.3.
5. Erosion control silt fence is to be placed at swale bottoms to prevent sediment from leaving the site.

Board Action:

7/21/95
EJT

Recommendation: Ratification of administrative approval.

Location: Southwest quadrant of 73rd Avenue N.E. and Commerce Circle West, Fridley.

T-R-S: 30-24-A cbbb

Purpose: Approval of a Final Site Drainage Plan for construction of an industrial facility, 3.6± acres.

- Exhibits:
1. Permit Application dated June 12, 1995, received June 15, 1995.
 2. Boundary and topographic survey prepared by Kemper and Associates, undated, received June 15, 1995.
 3. Grading Plan prepared by Amcon, last revised July 7, 1995, received July 7, 1995.
 4. Grading, Utility, and Erosion Control Plans prepared by Amcon, last revised June 26, 1995, received June 27, 1995.
 5. Project narrative prepared by Amcon, dated June 15, 1995, received June 15, 1995.
 6. Hydrologic/hydraulic calculations prepared by Amcon, dated June 15, 1995, received June 15, 1995.
 7. RCWD CSMP File 84C04.
 8. Cash surety in the amount of \$2,000, received July 7, 1995.

- Findings:
1. The proposed project involves redevelopment of an existing 3-acre industrial site. All of the site, with the exception of an 8,000 sq ft area, drains away from Rice Creek.
 2. Stormwater runoff for the majority of the site is controlled through an onsite pond. The pond provides rate control for 1- and 100-year storms.
 3. Currently, the pond does not meet District requirements for water quality. The pond does not have adequate dead storage (0.52 ac-ft by standards). Due to the presence of an underground sanitary sewer causes clearance problems near the outlet.
 4. At the June 28, 1995 RCWD Board meeting, a variance was granted from water quality requirements (dead storage volume) based on the following conditions:
 - 1) The location of the onsite pond is dictated by existing slopes
 - 2) The pond is located in an area of extensive utilities which hamper the freedom of pond design.

7/21/95
EJT

Permit Application No. 95-91: Karl Schurr

- 3) The pond will have at least 60% (0.31 ac-ft) of the dead storage required to meet District standards.
 - 4) The pond outlets to two designated stormwater treatment rate control ponds prior to any natural body.
 - 5) The site drains away from the watershed and has been reviewed for conformance with city standards.
 - 6) The site is located in a high infiltration area.
5. NWI maps show no wetlands on site.

Board Action:

7/21/95
EJT

Permit Application No. 95-92: Twin Cities Stores, Inc.

TWAFAA

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

1. Cash surety in the amount of \$2,000.

Location: 7509 Lake Drive, Lino Lakes.

T-R-S: 31-22-17 bcaa

Purpose: Approval of a Final Site Drainage Plan for construction of a convenience store on an existing commercial site, 3.1± acres.

Exhibits: 1. Permit Application dated June 21, 1995, received June 26, 1995.
2. Grading and Drainage Plan prepared by Finn-Daniels Architects, dated May 23, 1995, received June 27, 1995.
3. ~~PLWD PERMIT FILES~~ 94-91, 92-91

Findings: 1. Proposed project involves reconstruction of an existing commercial site to create a convenience store/gas station. The impervious area will be expanded from 49,000 sq ft to 92,000 sq ft.

2. Stormwater rate control and water quality treatment is achieved through an on-site pond which meets District requirements. The pond outlets to the right-of-way of I-35W which drains to County Ditch ~~431~~ 10-22-32.

3. Silt fence, riprap, and geotextile erosion fabric have been specified for sediment control.

4. NWI maps show no wetlands on site.

Board Action:

7/21/95
EJT

Permit Application No. 95-93: SuperAmerica

NPR

Recommendation: No permit required.

Location: Southwest quadrant of County Road D and Old Highway 8, Roseville.

T-R-S: 29-23-5 baaa

Purpose: Approval of a Final Site Drainage Plan for construction of a convenience store on a 1.9± acre lot.

Exhibits: 1. Permit Application dated June 23, 1995, received June 26, 1995.
2. Contour and Erosion Control Plot Plan prepared by Insites Site Planning, Landscape Architecture, Inc., dated April 11, 1995, received June 26, 1995.
3. Hydrologic/hydraulic calculations, unsigned, dated March 14, 1995.
4. RCWD Permit File 83-55.

Findings: 1. An RCWD Permit is not required due to the site's small size and distance from significant hydrologic features.
2. Rate control and water quality treatment issues are addressed through an on-site pond which meets District requirements. The pond outlets to a designated drainage easement platted under J's Addition.
3. NWI maps show no on-site wetlands.

Board Action:

7/21/95
EJT

Permit Application No. 95-94: Successful Bidder, City of Arden Hills TWAFAA

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

1. Submerged outlet control structure design detail.
2. NURP pond sizing calculations.
3. Revised Erosion Control Plan showing sediment control measures downslope of all grading sites which drain off site.
4. Cash surety in the amount of \$2,000.

Location: Northeast and southeast quadrants of Thom Drive and New Brighton Road, Arden Hills.

T-R-S: 30-23-28 cdbc

Purpose: Approval of a Final Site Drainage Plan for resurfacing an existing parking lot for a 17± acre public park.

Exhibits:

1. Permit Application, unsigned, undated, received July 7, 1995.
2. Grading and Utility Plan prepared by MSA, dated June 23, 1995, received July 7, 1995.

Findings:

1. Proposed project involves repaving an existing 2± acre parking lot and some site grading for creation of four new ball fields.
2. All drainage from impervious areas will be routed to an on-site detention pond for water quality treatment. Rate control is not an issue as redevelopment will cause no increase in volumes and rates of stormwater runoff. The pond will outlet to a large Type IV (PEMF) wetland to the east of the site.
3. NWI maps show wetlands in the project vicinity but none on site.

Board Action:

7/21/95
EJT

Permit Application No. 95-95: William Schifsky

TWAFAA

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

~~Notified State Dept. of Ecology and Natural Resources
and State Dept. of Transportation.~~

~~Will be responsible for the grading.~~

3. Cash surety in the amount of \$1,000, ^{REC'D} 7-25-95

Location: Southwest quadrant of Highway 61 and 165th Street N., Hugo.

T-R-S: 31-21-8 dbbb

Purpose: Approval of a Final Site Drainage Plan and Land Development Plan to subdivide a 2.1± acre lot from a 17.7± acre parcel and to perform grading to improve site drainage.

Exhibits: 1. Permit Application dated July 12, 1995, received July 12, 1995.
2. Site plan and lot split plan prepared by R. Nelson Engineering, ~~dated 11-25-94~~, received July ~~12~~ 1995.
^{LAST REVISED 7-24-95} ²⁵
3. Hydrologic/hydraulic calculations prepared by R. Nelson Engineering, dated July 9, 1995, received July 12, 1995.

4. Wetland Delineation Report, prepared by Dave Banta, dated October 28, 1994, received July 10, 1995.

5. ~~EASEMENT AGREEMENT BETWEEN APPLICANT & LARRY & WANDA LOKEN (NEIGHBORS)~~
^{FOR OFF-SITE GRADING}
^{DATED 11-25-94}
^{REC'D 7-25-95}
Findings: 1. Applicant is proposing placing a 170-foot long culvert in an filling an existing drainage ditch which serves as outlet to a large Type III/V (PEMC/PUBG) wetland. The culvert will retain the same invert as an existing culvert located at the existing outlet of the ditch. The new culvert will flow north and outlet to an existing swale which flows west to Branch 3 of Anoka-Washington JD-3.

2. NWI maps show a large Type IV/V wetland on site. The site plan shows this wetland and one other small wetland located 150 east of the large wetland. A delineated boundary is shown, but field inspection indicates wetlands extend to 929-foot contour.

3. No construction activities other than the culvert project are proposed at this time.

4. Easements have been shown on the lot split plan around wetlands and 100-year floodplain.

Board Action:

TWAFAA #2

7/21/95
EJT

Permit Application No. 95-96: Nazareth Building Association, Inc.

TWAFAA

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

1. Specification of riprap at all storm sewer outfalls.
2. Submerged outlet-outlet control structure design detail.
3. Written permission for off-site grading.
4. Cash surety in the amount of \$1,000.

Location: Northwest quadrant of Oakcrest Avenue and Snelling Avenue, Roseville.

T-R-S: 29-23-9 aada

Purpose: Approval of a Final Site Drainage Plan for construction of a commercial facility on a currently developed 2.8± acre lot.

Exhibits:

1. Permit Application dated July 12, 1995, received July 13, 1995.
2. Hydrologic/hydraulic calculations prepared by Landform Engineering, dated July 7, 1995, received July 13, 1995.
3. Preliminary Grading Plan prepared by Landform Engineering, dated July 10, 1995, received July 13, 1995.

Findings:

1. The proposed project will reduce the existing impervious area by approximately 0.3± acres. Rate control is not required as the proposed site will generate less runoff than the existing site.
2. Water quality treatment will be achieved through an on-site pond which has been designed to NURP standards and meets current District standards. The pond has been sized to provide water quality treatment to the entire developed 2.8-acre parcel. The pond outlets to a right-of-way ditch along Snelling Avenue which ultimately drains to Ramsey County Ditch 4.
3. NWI maps show no wetlands on site.

Board Action:

7/21/95
EJT

Permit Application No. 95-97: Joel and Karen Nelson

TWAFAA

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

1. Calculations determining 100-year floodplain elevation for County Ditch 11.
2. Cash surety in the amount of \$250.

Location: 150 feet south of the southwest quadrant of East Street and Park Avenue, White Bear Township.

T-R-S: 30-22-11 daad

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan for coordination of two lots and construction of a single family residence, 0.4± acres.

Exhibits:

1. Permit Application dated July 13, 1995, received July 13, 1995.
2. Plot plan prepared by Kurth Surveying, Inc., dated July 12, 1995, received July 13, 1995.
3. Drainage easement legal description prepared by Kurth Surveying, dated July 12, 1995, received July 13, 1995.

Findings:

1. Applicant is proposing combination of Lots 6 and 7 of Block 7 of Bald Eagle Park. The site is located across East Street from Ramsey County Ditch 11 (within 300 feet).
2. All site drainage is to County Ditch 11 through overland flow or through an 8-inch tile line which lies across both Lots 6 and 7.
3. Easements have been provided over the pipeline corridor. The easement extends 7.5 feet south and 12.5 feet north of the centerline of the tile lie along its entire length.
4. NWI maps show no wetlands on site.
5. The lowest floor elevation for the house is to be 917.7. The residence is 922.3 with higher elevations between the road and the house pad.

Board Action:

7/21/95
EJT

Permit Application No. 95-98: Northwestern College

TWAFAA

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

1. COMMENTS ON FEASIBILITY OF PLACEMENT OF A MANHOLE STRUCTURE AT THE STORMSEWER OUTFALL TO CD 4
2. Cash surety in the amount of \$8,000. TO ALLOW HORIZONTAL DISCHARGE.

Location: Northeast quadrant of Lydia Avenue and Ramsey County Ditch 4, Roseville.

T-R-S: 29-23-4 aacc

Purpose: Approval of a Final Site Drainage Plan for construction of a new 112 stall parking lot adjacent to Ramsey County Ditch 4.

Exhibits:

1. Permit Application, dated July 11, 1995, received July 13, 1995.
2. Stormwater Management, Grading, and Erosion Control Plans prepared by TKDA, dated July 12, 1995, received July 13, 1995.
3. Hydrologic/hydraulic calculations prepared by TKDA, dated June 30, 1995, received July 13, 1995.

Findings:

1. The proposed project involves construction of approximately 0.4± acres of new impervious area. All new impervious areas, as well as 0.4 acres of existing impervious areas, will drain to an on-site water quality /rate control pond before discharging to Ramsey County Ditch 4.
2. The on-site detention pond has been designed in accordance with District standards for rate control and water quality. Additionally, a 6-inch perforated drain tile beneath the pond bottom will allow the pond to infiltrate dry.
3. NWI maps show no wetlands on site.
4. An Erosion Control Plan consisting of silt fence and cable concrete spillways has been identified. Construction sequencing will result in construction of the sedimentation pond before any major site grading.

Board Action:

7/21/95
EJT

Permit Application No. 95-99: Scott Pearce

TWAFAA

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

1. An Erosion Control Plan.
2. Cash surety in the amount of \$250.

Location: 16045 Potomac Street N.E., Columbus.

T-R-S: 32-22-15 caaa

Purpose: Approval of a Final Site Drainage Plan for construction of a pole shed on a residential lot, 5.25± acres.

Exhibits:

1. Permit Application, dated July 5, 1995, received July 12, 1995.
2. Plat drawing prepared by First American Title Insurance Company, dated May 27, 1994, received July 12, 1995.
3. RCWD Permit File 92-182.

Findings:

1. The Applicant wishes to construct a new 1,024 sq ft pole shed and remove an existing 300± sq ft shed.
2. NWI maps show no wetlands on site.
3. The 100-year floodplain for the site is 904 (past permits). There does not appear to be any floodplain on site.

Board Action:

7/21/95
EJT

Recommendation: Table pending receipt of:

1. Fulfillment of WCA public notice requirements.
2. Preliminary plat identifying property boundaries and easements over wetlands and other hydraulic/hydrologic features.
3. Riprap specified for all storm sewer outfalls.
4. Revised hydrologic/hydraulic calculations including effects of 18-inch pipe at Europa Avenue.
5. ~~INFORMATION RELATING TO GROUNDWATER LEVELS THROUGHOUT PROJECT SITE~~
6. Cash surety in the amount of \$22,000.

Location: Southwest quadrant of 130th Street and Falcon Avenue N., Hugo.

T-R-S: 31-21-31 abb

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a residential development to be known as Woods of Bald Eagle Lake, 54 single family residences, 13 townhomes, 58.8± acres.

- Exhibits:
1. Permit Application, dated July 10, 1995, received July 13, 1995.
 2. Grading, Drainage, and Erosion Control Plan prepared by Merila and Associates, dated February 3, 1995, received July 13, 1995.
 3. Wetland Delineation Report prepared by STS Consultants, Ltd., dated August 24, 1994, received July 13, 1995.
 4. Drainage summary prepared by Merila and Associates, dated July 13, 1995, received July 13, 1995.
 5. WCA Replacement Plan Application prepared by Applicant, dated July 13, 1995, received July 13, 1995.
 6. RCWD Permit File 94-44.

- Findings:
1. The project reviewed under RCWD Permit 94-44 has been enlarged under the current application. The 1994 permit was for 30 lots on 25 acres.
 2. The Wetland Delineation Report shows extensive wetlands on site. The wetlands fall into six basins, three of which will be impacted, for a total of 1.65 acres. An on-site mitigation area of 3.3 acres has been specified.

7/21/95
EJT

Permit Application No. 95-100: Grace Development Co.

3. Five detention ponds have been designed for rate control and treatment of stormwater runoff. A total dead storage volume of 2.75 ac-ft is provided. This value exceeds District requirements by 0.99 ac-ft. The currently provided calculations for rate control are incomplete. Off-site flows through an equalizer pipe are not included.
4. The developed site will discharge 0.69 ac-ft and 1.9 ac-ft of extra volume during the 1- and 100-year storms, respectively. Following development, the site design will retain this volume on site, bumping local 100-year elevations within DNR Wetland 82-197W by 0.15 feet.

Board Action:

7/21/95
EJT

Recommendation: Table pending receipt of:

1. Stormwater Management Plan demonstrating rate control and water quality treatment of stormwater runoff in conformance to District standards.
2. Cash surety in the amount of \$2,000.

Location: East of First Avenue N.W. at 7th Street, New Brighton.

T-R-S: 30-23-28 bbcc

Purpose: Approval of a Final Site Drainage Plan for construction of a 0.31-acre expansion to an existing apartment complex, 5.1 acres.

Exhibits:

1. Permit Application, dated July 13, 1995, received July 13, 1995.
2. Construction plan prepared by Barton Aschman Associates, Inc., dated July 13, 1995, received July 13, 1995.

Findings:

1. Applicant is proposing construction of a new 0.31-acre (42 stall) parking area. The site will drain without rate control or water quality treatment to the I-35W right-of-way.
2. Erosion control silt fence and riprap have been specified.
3. NWI maps show no wetlands on site.

Board Action:

Permit Application No. 95-102: Bethel College

TWAFAA
~~7/21/95~~

Recommendation: Table ^{WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION} pending receipt of:

1. Revised pond design in accordance with District standards for ~~water quality~~ water quality.

2. REVISED POND OUTFALL LOCATION MORE TOWARDS THE CREEK BANK.
~~1. Revised pond design in accordance with District standards for water quality.~~

~~3. Revised pond design in accordance with District standards for water quality.~~

4. Cash surety in the amount of \$2,000.

Location: 3900 Bethel Drive (Bethel College South Campus), Arden Hills.

T-R-S: 30-23-27 bb

Purpose: Approval of a Final Site Drainage Plan for construction of a new 0.9± acre parking lot.

Exhibits: 1. Permit Application, dated July 13, 1995, received July 13, 1995.
2. Grading, Drainage, and Erosion Control Plan prepared by Barton-Aschman Associates, Inc., ~~7/21/95~~ 1995, received July ~~21~~, 1995. LAST REVISED 7-25 26

Findings: 1. NWI maps show no wetlands on site.
2. The project area will drain to an onsite pond which will discharge to a drainage ditch outletting to Valentine Lake. All storm sewer outfalls will be protected with riprap.
3. The stormwater pond does not appear to have been designed to have dead storage or any other water quality benefits.

Board Action:

7/21/95
EJT

Recommendation: Table pending receipt of:

1. Wetland Delineation Report with soils and vegetation data for "natural" and "altered" wetland areas.
2. Topography for site and surrounding area before and after drainage pattern alternatives.
3. TEP verification of wetland boundaries subject to replacement.
4. Grading and Drainage Plan.
5. Erosion Control Plan.
6. Hydraulic/hydrologic calculations demonstrating stormwater management in accordance with District policy.
7. Preliminary plat conveying easements over wetlands, floodplain, and other hydraulic and hydrologic features.
8. Fulfillment of WCA public notice requirements.
9. Cash surety in an amount to be determined.

Location: Northeast quadrant of East Avenue and Hickory Street, Mahtomedi.

T-R-S: 30-21-20 ddc d

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development, 12 lots, 4.8± acres.

Exhibits:

1. Permit Application, dated July 14, 1995, received July 13, 1995.
2. Wetland Sequencing Narrative and WCA Replacement Plan Application, dated July 1995, received July 14, 1995.

Findings:

1. The Sequencing Narrative identifies three wetlands on site with a total area of 0.95 acres. The narrative says these wetlands have been unintentionally enlarged due to the loss of drainage routes through construction of roadways. The original wetland area was 0.3 acres.
2. The proposed plan involves impacts to 0.26 acres of the original wetland. An on-site mitigation area of 0.52 acres (2:1 ratio) is specified.
3. If no additional wetland impacts are determined (and sequencing is approved), the cash surety value will be $2,00 + 500 + 10,000/\text{ac} \times 0.52 \text{ ac} = \$7,700$. This value is based on approximate grading limits, ponding requirements, and wetland replacement area.

Board Action:

7/21/95
EJT

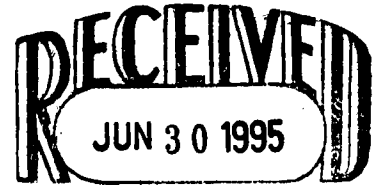
LOGGED: 7-5-95/BT
COPIED: 6-30-95/BT
TYPED ON ATTS: _____

FINAL

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

JUNE 28, 1995



RICE CREEK
WATERSHED DISTRICT

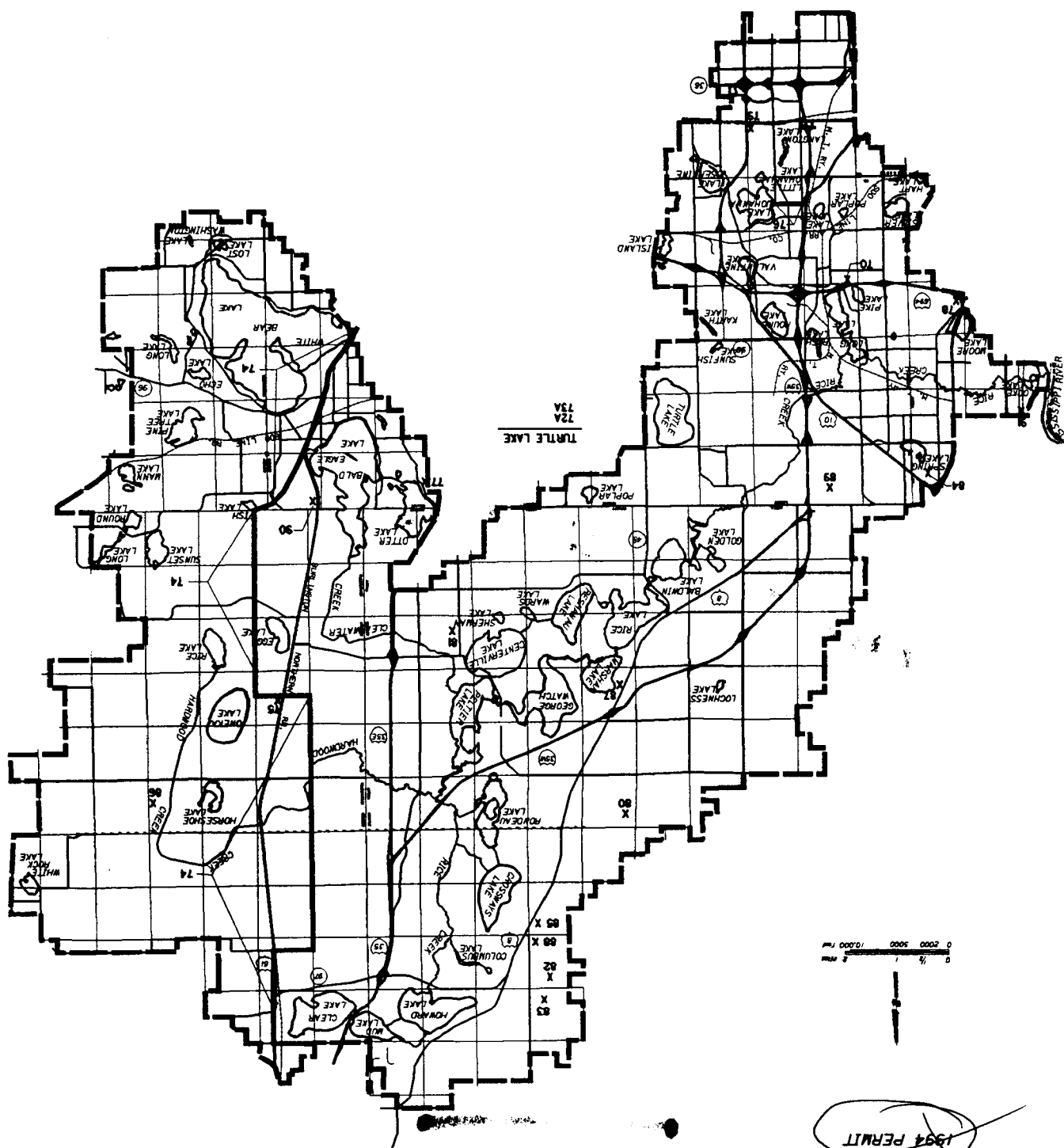
It was moved by _____ and seconded by
_____ to approve, ratify, table with authorization for administrative
action, table, or withdraw the Permit Applications noted in the following table of contents in
accordance with the District Engineer's Recommendation, as contained in the Engineer's Report
dated June 23, 1995.

~~Check Voice Mail~~

~~Hall if in badly permit between '96 & '97~~

FILE COPY

MONTGOMERY WATSON



RICE CREEK
WATERSHED DISTRICT
1994 PERMIT

RICE CREEK WATERSHED DISTRICT

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* To be presented

Permit Application No. 94-71: Central Landscaping, Inc.
(Successful Bidder, City of Roseville)

RAT

Recommendation: Ratification of administrative action.

Location: County Road C between Cleveland Avenue and Lexington Avenue, Roseville.

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

Purpose: Approval of a pedestrian/bicycle path construction plan, 10,484 feet in length.

- Exhibits:
1. Permit Application, received April 13, 1994, signed by successful bidder on June 14, 1995.
 2. Preliminary Construction Plans prepared by BRW, last revised May 20, 1994, received June 2, 1994.
 3. Cash surety in an amount of \$1,000, received June 14, 1995.

- Findings:
1. Project is for construction of a 10-foot wide bituminous pathway.
 2. There are four individual construction sites in the vicinity of County Road C. Only the length between Cleveland Avenue and Lexington Avenue is within the RCWD. Other sites include County Road C between 5th Street and Rice Street, Rice Street between Minnesota Avenue and County Road C, and two independent construction projects connecting existing bike paths near the intersection of Dale Street and Transit Avenue.
 3. The pathway construction along County Road C within the RCWD involves the crossing of Ramsey County Ditch No. 4. Currently, Ramsey County Ditch No. 4 flows through a long culvert/storm sewer network under County Road C. This network is of sufficient length that the pathway project proposed for this permit application will not require construction of an individual crossing.
 4. NWI maps show a Type PUB wetland north of County Road C at Fernwood Drive. There are no wetland impacts associated with this project.
 5. Cash surety value based upon requirements placed on similar projects.

Board Action:

6/23/95
EJT

Permit Application No. 94-198: Arnt Construction Co., Inc.
(Successful Bidder, Washington County)

TWAFAA

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

1. Signed Permit Application.
2. Enlarged sediment trenches at sta 7+08, 23+88, and 44+00.
3. Calculation of trench volumes.
4. Cash surety in the amount of \$3,000.

Location: Egg Lake Road (Highway 8A) between Highway 61 and Goodview Avenue N., Hugo.

T-R-S: 31-21-29 a and b

~~WETLAND~~ ALTERATION PLAN

Purpose: Approval of a Roadway Reconstruction Plan[✓] for 0.8± miles of roadway.

- Exhibits:
1. Permit Application, unsigned, undated, received November 23, 1994.
 2. Letter to Applicant from RCWD granting Wetland exemptions 6 and 16, dated August 1, 1994.
 3. Letter to Applicant from U.S. COE granting Nationwide Permit, dated May 4, 1994, received November 23, 1994.
 4. Construction plans prepared by Washington County, undated, received November 23, 1994.

- Findings:
1. Applicant proposes to repair 4741 feet of County Road 8A south of Egg Lake. The project will involve replacement of sewer and utility lines as well.
 2. 0.07 acres of wetland will be filled under this project. The appropriate WCA Exemption (no. 16) and COE permits have been obtained for this activity.

Board Action:

6/23/95
EJT

Permit Application No. 95-15: Northdale Construction Co., Inc.
(Successful Bidder, City of Mahtomedi)

RAT

Recommendation: Ratification of administrative approval.

Location: Wildwood and Park Avenue between Hickory and Wildwood Beach Road, Mahtomedi.

T-R-S: 30-21-29 b and c

Purpose: Approval of a Roadway Construction Plan for 4,000± feet of roadway.

- Exhibits:
1. Permit Application, dated April 7, 1995, received February 13, 1995.
 2. Construction plans prepared by MSA, dated February 10, 1995, received February 13, 1995.
 3. Construction specifications prepared by MSA, dated February 3, 1995, received February 13, 1995.
 4. Mahtomedi City Council Resolution 95-25 authorizing inclusion of stormwater treatment measures for the current project into the City's 5-year CIP.
 5. Cash surety in the amount of \$3,000, received May 19, 1995.

- Findings:
1. The project involves construction of 4,040 feet of roadway and associated storm sewers and watermain. Three independent storm sewer systems are to be installed.
 2. Each of the storm sewers discharge directly to White Bear Lake. Two water quality ponds have been specified for construction at the storm sewer outfalls. In the northeasternmost and southeasternmost storm sewer, a sump manhole is to be placed just upstream of the storm sewer outfalls. The City is including the sump catchbasins in the current project but is planning to install a treatment project that provides the same or better treatment provided by a grit chamber. This retrofit treatment plan was approved by the Mahtomedi City Council on May 9, 1995.
 3. The City of Willernie has been approached to see if their Council would be favorable to construction of a stormwater quality pond on their beach access site. The request was denied.
 4. Riprap is specified for placement at each storm sewer outfall.
 5. NWI maps for the area show no wetlands along the project grading boundaries.

Board Action:

6/23/95
EJT

Permit Application No. 95-24: Gor-Em, L.L.C.

APP
~~APPROVAL~~

Recommendation:

APPROVAL

- 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: Southeast quadrant of Cedar Street and Otter Lake Road, Lino Lakes.

T-R-S: 31-22-25 accc

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of Phases I and II of a single family residential development to be known as Clearwater Creek, 161 lots, 113± acres.

- Exhibits:
1. Permit Application February 27, 1995, received March 9, 1995.
 2. Wetland Delineation Report prepared by Wetlands Engineering Technology, dated June 3, 1994, received March 9, 1995.
 3. WCA Wetland Replacement Application, dated March 9, 1995, received March 9, 1995.
 4. Preliminary plat prepared by Midwest Land Surveyors and Civil Engineers, last revised March 16, 1995, received March 16, 1995.
 5. Development Concept Plan prepared by Midwest Land Surveyors, dated November 3, 1994, received March 28, 1995.
 6. Subwatershed drainage map prepared by Midwest Land Surveyors and Civil Engineers, dated March 16, 1995, received March 16, 1995.
 7. Drainage calculations prepared by Midwest Land Surveyors and Civil Engineers, last revised April 17, 1995, received April 17, 1995.
 8. Grading Plan prepared by Midwest Land Surveyors and Civil Engineers, last revised ~~March 16, 1995~~, received ~~March 16, 1995~~ MAY 26, 1995 MAY 26, 1995.
 9. Mitigation Plan prepared by Midwest Land Surveyors and Civil Engineers, dated May 19, 1995, received May 26, 1995.

6/23/95
EJT

Permit Application No. 95-24: Gor-Em

10. Letter of response to WCA notifications prepared by Anoka Conservation District, dated May 19, 1995, received May 28, 1995.
11. Cash surety in the amount of \$5,000, received May 17, 1995.
12. Letter of Credit in the amount of \$16,500, received June 12, 1995.

Findings:

1. The site is approximately 30% wetland. The Applicant proposes placement of fill in three wetland areas which will impact a total area of 0.32 acres. A 2:1 replacement ratio is proposed. All replacement wetlands will be on site. The Anoka Conservation District has suggested that complete avoidance of wetlands is possible with loss of only two lots.
2. Stormwater treatment for the north and central portions of the site is achieved through use of three ponds which have dead storage designed according to District standards. The ponds/wetlands are connected by a branch of Anoka-Washington Judicial Ditch 3.
3. The project proposes placement of a 300-foot long, 36-inch RCP culvert in Branch 4 of Anoka-Washington Judicial Ditch 3 at approximately sta 8+60. Branch 4 joins the main ditch near sta 105+00 at elevation 899.0. The culvert at 35-W upstream of the proposed crossing has a downstream invert of 908.9. Branch 4 is approximately 6,300 feet long with an average slope of 0.0016 ft/ft. Using this approximate slope, the centerline invert of the proposed culvert should be 907.5. The Grading Plan has been revised to show the culvert placed at the proper elevation.
4. The detention ponds provide adequate rate control for the developed project when compared to existing conditions. Peak discharges through Clearwater Creek are reduced by 3% for both the 1- and 100-year rainfall events.
5. The total volume of runoff from the developed condition is increased by 1.6 ac-ft for a 1-year storm and 5.4 ac-ft for a 100-year storm. The 100-year flood elevation within the development upstream of Street A will be raised 0.7 feet to 912.4. The 100-year elevation at the eastern property boundary will be raised 0.2 feet to 911.5. The 100-year elevation in the large wetland east of the project will be raised 0.1 foot to 908.4.
6. The lowest floor elevation for the site is 917.0. The 100-year elevation per Hugo FIS is 913.0. Per the RCWD Flood Profile Study, the 100-year elevation of Clearwater Creek is 910.5 at this location.
7. The cash surety was determined by grading (3,000 + \$200/acre over 10) and wetland replacement (500 + \$10,000/acre) requirements.

Board Action:

6/23/95
EJT

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

1. Cash surety in the amount of \$5,000.

Stipulations: 1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.

PROOF THAT
2. The Notice of Use Restriction and Maintenance Responsibility for the replacement wetland ~~HAS BEEN~~ *HAS BEEN* properly filed and recorded ~~RECORDING~~ *RECORDING*.

2. 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: Northwest and southwest quadrants of Holly Drive and 12th Avenue, Lino Lakes.

T-R-S: 31-22-28, 33

Purpose: Approval of a ~~LAND DEVELOPMENT~~ *LAND DEVELOPMENT* Plan ^{*WETLAND ALTERATION PLAN*} for a single family residential development to be known as Trappers Crossing, 121 lots, 73.5± acres.

- Exhibits:
1. Permit Application dated March 9, 1995, received March 9, 1995.
 2. Wetland Delineation Re-Evaluation Report prepared by Lori Marco, dated April 25, 1994, received March 9, 1995.
 3. Hydraulic calculations, unsigned, dated February 26, 1995, received March 9, 1995.
 4. Preliminary plat prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
 5. Grading, Erosion Control, and Wetland Alteration Plans prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
 6. WCA wetland replacement plan application prepared by Hokanson Development, undated, received April 18, 1995.
 7. RCWD Permit Files 93-213 and 94-114.

Findings: 1. Applicant has submitted a new application for an action which is actually a continuation of RCWD Permit 94-114. Because Permit 94-114 has been inactive for nine months, a new application has been submitted for review under the new fee structure.

6/23/95
EJT

2. The Applicant is proposing a total of approximately ⁷²⁰⁰~~8400~~ sq ft of wetland impact for two wetland fill activities. An on-site mitigation area of 15,000 sq ft is proposed.
3. A detailed Erosion Control Plan including silt fence, rock construction entrances, and bale checks at storm sewer catchbasins and riprap at storm sewer outfalls has been specified.
4. Water quality ponds have been specified for seven locations across the site. The total dead storage provided exceeds District requirements by 15%.
5. Peak discharges from the site are reduced by approximately 14% for 1-year storms and 40% for 100-year storms. For the 100-year storm, the total increase in runoff volume from the site is 2.5 ac-ft.
6. The 100-year flood elevation for the area is 886. The lowest ground elevation on the site is 896.

Board Action:

6/23/95
EJT

Permit Application No. 95-31: Kadlec Excavating
(Successful Bidder, City of Blaine)

RAT

Recommendation: Ratification of administrative approval.

Location: Bataan Street N.E., 93rd Avenue N.E., Jamestown Street N.E., Blaine.

T-R-S: 31-23-27, 34

Purpose: Approval of a Roadway Construction Plan for three separate streets, 3,956± feet.

- Exhibits:
1. Permit Application, dated March 17, 1995, received March 24, 1995, signed by contractor May 18, 1995.
 2. Construction Plans prepared by the City of Blaine, dated March 16, 1995, received March 24, 1995.
 3. Construction specifications prepared by the City of Blaine, dated March 16, 1995, received March 24, 1995.
 4. RCWD Permit File 94-128.
 5. Cash surety in the amount of \$4,000, received May 19, 1995.

- Findings:
1. The project proposes construction of four sections of storm sewer. Three of the sections (93rd Street N.E. west of Bataan Street N.E., Bataan Street N.E. north of 93rd Avenue, and Jamestown Street N.E. north of 93rd Street N.E.) drain to an existing storm sewer which outlets to Anoka-Ramsey JD-1 at 93rd Avenue N.E. as approved by RCWD Permit 94-128. The fourth system, at the north end of Bataan street N.E., outlets to a proposed sedimentation basin and then to a neighboring wetland.
 2. There are numerous Type III (PEM) wetlands in the project vicinity. The project proposes placement of five storm sewer outlets for wetlands adjacent to the roadway. There is no information provided to assure that the proposed outlets are equal to or above the existing runoff elevations.
 3. The storm sewer at the north end of Bataan Street will outlet to a ditch to be constructed as part of this project. The ditch actually consists of three segments divided by a proposed treatment basin and a wetland. A total length of 900± feet of ditch will be constructed.
 4. The treatment basin will have an estimate dead storage of 0.13 ac-ft, with a maximum depth of 1.5 feet. The volume of storage should be equal to the runoff from a 2.5-inch rainfall over the tributary area. The permanent pool should also be a minimum of 2 feet deep.

Board Action:

6/23/95
EJT

Permit Application No. 95-42: Mike and Barb McCalley

RAT

Recommendation: Ratification of administrative approval.

Location: 7830 Spring Lake Road, Mounds View.

T-R-S: 30-23-6 ccac

Purpose: Approval of a Shoreland Improvement Plan to replace an existing retaining wall with riprap, 150± feet.

Exhibits: 1. Permit Application, dated April 1, 1995, received April 10, 1995.
2. Sketch Plan prepared by Applicant, undated, received April 11, 1995.

Findings: 1. The Applicant proposes removal of a 151-foot metal and wood retaining wall. 72 feet of the retaining wall will be replaced with riprap, 65 feet will be allowed to return to the natural condition, and 14 feet will be replaced with an anchor block retaining wall.

Board Action:

6/23/95
EJT

Recommendation: Approval.

Location: 1770 West County Road E-2, Arden Hills.

T-R-S: 30-23-28 dbbd

Purpose: Approval of a Final Site Drainage Plan for construction of new parking and bus loading area for an existing school.

- Exhibits:
1. Permit Application, dated April 13, 1995, received April 13, 1995.
 2. Grading and Drainage Plan prepared by Anderson-Johnson Associates, Inc., dated April 3, 1995, received April 13, 1995.
 3. Storm sewer design calculations prepared by Anderson-Johnson Associates, Inc., dated April 6, 1995, received April 13, 1995.
 4. Cash surety in the amount of \$2,000, received June 12, 1995.

- Findings:
1. The proposed project involves creation of 1.3± acres of new parking area and roadway surface for bus loading/unloading.
 2. Three new storm sewers have been specified for conveying stormwater from the site. Each system has at its outlet a large grit chamber for stormwater treatment. Each chamber will be constructed of an 8-foot by 12-foot box culvert.
 3. The site is surrounded on the north and east by DNR Protected Wetlands. To the south is a jurisdictional wetland created as part of an RCWD project in 1990. Each of these wetlands is the receiving body for one of the three storm sewer systems.
 4. Stormwater treatment through use of NURP ponds was not feasible for this project due to the steep slopes at the property edges and the current level of development of the site interior. Safety concerns of a large body of water near a playground for small children was also an issue. Space which could have been used for a pond was required to create a traffic turnaround away from the current location adjacent to the play area.

Board Action:

6/23/95
EJC

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

1. Cash surety in the amount of \$500.
2. Investigation into use of infiltration ditch at edge of new pavement for water quality treatment.

Location: 1417-10th Street, New Brighton.

T-R-S: 30-23-29 bbb

Purpose: Approval of a Final Site Drainage Plan for demolition of 60 detached garages and replacement with paved parking surface.

- Exhibits:**
1. Permit Application, dated May 3, 1995.
 2. Existing and proposed site plans, undated, received May 15, 1995.
 3. RCWD Permit File 87-157.

- Findings:**
1. Construction activities, which consist of replacing four garages with open parking, will occur over roughly 0.32 acres.
 2. Site drainage is to a very large on-site detention pond which outlets to Ramsey County Ditch 2.
 3. Construction activities were last permitted for the site in 1987 to repair the pond berm which had failed during a large storm.

Board Action:

Recommendation: Approval of renewal.

Stipulation: Irrigation shall be limited to 1 inch of water per week. In addition, pumping is allowed on an odd-even basis from 6-8 a.m. and 6-8 p.m.

Location: 5312 Lexington Avenue North, Shoreview.

Purpose: Approval of renewal of RCWD Permit 94-37A for appropriation from DNR Protected Waters 62-61P, Turtle Lake.

Exhibits:

1. Permit Application, dated May 12, 1995.
2. Appropriation checklist, prepared by the Applicant, received May 16, 1995.
3. RCWD Permit Files 93-15A and 94-37A.

Findings:

1. The source of water is Turtle Lake.
2. Applicant proposes to irrigate 80,000 sq ft using a 30 gpm stationary pump and 100 fixed sprinklers.
3. Applicant proposes to irrigate less than 10,000 gpd or 1 mgd.
4. This is the second renewal of this permit.

Board Action:

6/23/95
EJT

Recommendation: Approval of renewal:

Stipulation: Irrigation is limited to 1 inch of water per week. In addition, pumping is allowed on an odd-even basis from 6 to 8 a.m. and 6 to 8 p.m.

Location: 5120 North Lexington Avenue, Shoreview.

Purpose: Approval of renewal of RCWD Permit 94-31A of appropriation of water from DNR Protected Waters 62-61P, Turtle Lake.

Exhibits: 1. Permit Application, dated May 20, 1995
2. Appropriation Checklist prepared by the Applicant, received May 23, 1995.
3. RCWD Permit Files 92-49A, 93-09A, and 94-31A.

Findings: 1. The source of water is Turtle Lake.
2. Applicant proposes to irrigate 25,000 sq ft using an 18 gpm stationary pump and 28 fixed sprinklers.
3. Applicant proposes to irrigate less than 10,000 gpd or 1 mgy.
4. At 18 gpm, Applicant is limited to 9.3 hours of pumping per day before limit of 10,000 gpd is exceeded.
5. This is the third renewal of this permit.

Board Action:

Permit Application No. 95-74: NSP

TWAFAA

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

1. Cash surety in the amount of \$2,000.

Location: Approximates the alignment of Highway 61, Forest Lake Township, Forest Lake, Hugo, White Bear Lake, and White Bear Township.

T-R-S: T30, 31, 32, R21

Purpose: Approval of a Utility Replacement Plan for reconstruction for 27± miles of aerial power lines. ¹/₂ WETLAND ALTERATION ~~MINOR~~

- Exhibits:
1. Permit Application, dated May 18, 1995, received May 24, 1995.
 2. Project location map, undated, received May 24, 1995.
 3. Project narrative, prepared by applicant, dated May 18, 1995, received May 24, 1995.

- Findings:
1. Project proposes replacement of 27± miles of 69 kVolt lines with 115 kVolt lines. The extent of groundwork will be replacement of new poles for old or undersized.
 2. The power line is located in an existing utility easement.
 3. Placement of the power poles will be through augured holes with gravel fill. This will cause a minimal impact to wetlands through which the line passes. WCA Exemption 11 allows this type of project.

Board Action:

6/23/95
EJT

Permit Application No. 95-75: NSP

TWAFAA

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

1. Document granting easement over wetland on southeast quadrant of parcel D.
2. Cash surety in the amount of \$2,000.

Location: 1/4 mile north of the northeast quadrant of 152nd Street N. and Highway 61, Hugo.

T-R-S: 31-22-17 accc

Purpose: Approval of a Land Development Plan for combination of three parcels into one property to provide expansion area for the Hugo electric substation, 2.8± acres.

Exhibits:

1. Permit Application, dated May 26, 1995, received May 30, 1995.
2. Boundary survey prepared by NSP, dated May 25, 1995, received May 30, 1995.
3. Wetland delineation report prepared by Franklin J. Svoboda & Associates, Inc., dated May 16, 1995.

Findings:

1. Applicant wishes to join a total of 0.8 acres from two property owners to a third currently owned property to provide expansion room.
2. There will be no wetland impacts associated with this project.
3. A very small section of wetland is included in the southeast corner of one of the properties to be acquired. An easement will be required for this area.

Board Action:

6/23/95
EJT

Permit Application No. 95-76: Successful Bidder, City of Arden Hills

TWAFAT

~~7-16-95~~

Recommendation:

Table pending receipt of:
WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION

1. SIGNED PERMIT APPLICATION
2. VERIFICATION BY RCMA ENGINEER OF OFF-SITE DRAINAGE VIA GRIT CHAMBER
3. Cash surety in the amount of \$3,000.

Location:

Stowe Avenue between New Brighton Road and Lake Johanna Boulevard, New Brighton.

T-R-S:

30-23-33 b and c

Purpose:

Approval of a Roadway and Utility Reconstruction Plan for 1, 328 feet of existing roadway.

Exhibits:

1. Permit Application, unsigned, undated, and received May 25, 1995.
2. Construction plans prepared by MSD, dated May 10, 1995, received May 25, 1995.

Findings:

1. Proposed project involves reconstruction of roadway surface and one continuous storm sewer line which discharges directly to Lake Johanna.

~~It was found that the storm sewer line proposed for reconstruction of the storm sewer discharge prior to Lake Johanna. The grit chamber was proposed by the Applicant but approval was not given by the County as it was within the County right-of-way.~~

~~There has been no discussion on the use of a detention pond.~~

3. No wetland impacts will result from this project.
4. Erosion control riprap has been specified for the storm sewer outfall to Lake Johanna.

Board Action:

FINDING 2. A GRIT CHAMBER IS TO BE USED FOR TREATMENT OF STORMWATER RUNOFF FROM THE ROADWAY. THE CHAMBER HAS BEEN DESIGNED IN ACCORDANCE WITH PCA STANDARDS & PROVIDES THE REQ'D DEAD POOL VOLUME. THE GRIT CHAMBER WILL BE LOCATED WITHIN THE STOWE AVE RIGHT-OF-WAY & WILL TREAT RUNOFF FROM THE 5 CATCH BASINS LOCATED ALONG THE STREET. PRELIMINARY CONVERSATION WITH THE APPLICANT'S ENGINEER INDICATE THAT THERE ARE NO CATCH BASINS DOWNSTREAM OF THE CONSTRUCTION SITE (& HENCE NO NEW CONCENTRATED FLOWS). THIS WILL NEED TO BE VERIFIED.

6/23/95
EJT

Recommendation: Table pending receipt of:

1. Further exploration of water quality treatment options.
2. Cash surety in the amount of \$3,000.

Location: Stowe Avenue between New Brighton Road and Lake Johanna Boulevard, New Brighton.

T-R-S: 30-23-33 b and c

Purpose: Approval of a Roadway and Utility Reconstruction Plan for 1, 328 feet of existing roadway.

Exhibits:

1. Permit Application, unsigned, undated, and received May 25, 1995.
2. Construction plans prepared by MSD, dated May 10, 1995, received May 25, 1995.

Findings:

1. Proposed project involves reconstruction of roadway surface and one continuous storm sewer line which discharges directly to Lake Johanna.

2. A sump manhole has been specified for treatment of storm sewer discharge prior to outlet to Lake Johanna. A grit chamber was proposed by the Applicant but approval was not given by the county to work within the county right-of-way.

There has been no discussion on the use of a detention pond.

3. No wetland impacts will result from this project.
4. Erosion control riprap has been specified for the storm sewer outfall to Lake Johanna.

Board Action:

Permit Application No. 95-77: Gorham Builders, Inc.

APP

Recommendation: Approval of renewal.

Location: Northeast quadrant of Otter Ridge Road and Meadowview Drive, White Bear Township.

T-R-S: 30-22-3 bcbb

Purpose: Approval of renewal of RCWD Permit 94-107 for a Land Development Plan for creation of a single family residential development to be known as Overlook Point, 13 lots, 7.6± acres.

Exhibits: 1. Permit Application, dated May 25, 1995, received May 30, 1995.
2. RCWD Permit File 94-107.

Findings: 1. Per District Administrator, there are no wetlands on-site and consequently no wetland impacts associated with the proposed project.
2. This is the first renewal of this permit.
3. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-107.

Board Action:

7/22/94
EJT

Permit Application No. 95-78: Twin City Townhomes, Inc.

APP

Recommendation: Approval of renewal.

Location: Northeast quadrant of Highway 65 and I-694, Fridley.

T-R-S: 30-24-26 cbd

Purpose: Approval of renewal of RCWD Permit 94-80 for a Comprehensive Stormwater Management Plan and Land Development Plan for construction of a residential development to be known as Hillwind Road Condominiums, 46 units, 5.11± acres.

Exhibits: 1. Permit Application, dated May 30, 1995, received June 2, 1995.
2. RCWD Permit Files 88-205 and 94-80.

Findings: 1. There are two wetlands on site. There will be no impacts to these wetland areas.
2. This is the first renewal of this permit.
3. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-80.

Board Action:

Permit Application No. 95-79: Har-Mar, Inc.

APP

Recommendation: Approval of renewal.

Location: Northeast quadrant of County Road C and Lincoln Drive, Roseville.

T-R-S: 29-23-4 ddd

Purpose: Approval of renewal of RCWD Permit 94-85 for a Final Site Drainage Plan for construction of a commercial development to be known as Roseville Crossings, 6± acres.

Exhibits:

1. Permit Application, dated May 26, 1995, received May 30, 1995.
2. Grading and Drainage Plan prepared by the Runyan/Vogel Group, last revised May 18, 1995, received May 30, 1995.
3. RCWD Permit File 94-85.

Findings:

1. The site plan had been slightly altered since 1994. However, the alterations were administratively approved in May 1995. There are no new changes to the stormwater management aspects of the current plan.
2. There are no wetlands on-site.
3. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-85.

Board Action:

6/23/95
EJT

Permit Application No. 95-80: Mark Holl

TWAFAA

Recommendation: Table with authorization for administrative action pending receipt of a cash surety in the amount of \$1,000.

Location: 8260 Blackbird Lane, Lino Lakes.

T-R-S: 31-22-5 bca

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration for placement of fill to create a suitable building and septic site, 1.05± acres.

- Exhibits:
1. Permit Application, dated June 5, 1995, received June 5, 1995.
 2. Site location map prepared by Applicant, undated, received June 5, 1995.
 3. Site Sketch Plan prepared by Applicant, undated, received June 5, 1995.
 4. Documentation for WCA Exemption 24, dated June 5, 1995, received June 5, 1995.
 5. RCWD Permit File 83-126.

- Findings:
1. Applicant wishes to place approximately 10,000 sq ft of fill in a wetland to create a suitable building pad and septic round system in an otherwise unbuildable lot.
 2. The Applicant qualifies for WCA Exemption 24 which allows for impacts for projects which received preliminary plat approval prior to July 1, 1986 provided activity has been ongoing between July 1, 1986 and January 1, 1992. Activity has been documented with building permit records from City of Lino Lakes.
 3. The site received RCWD Board approval for land development in 1983 as RCWD Permit 83-126.
 4. The Applicant has specified silt fence for erosion control.
 5. No fill will be placed within easement (floodplain) areas.

Board Action:

6/23/95
EJT

Permit Application No. 95-81: Church of St. Genevieve

APP

Recommendation: Approval.

Location: 1664 Heritage Street, Centerville.

T-R-S: 31-22-23 cbdb

Purpose: Approval of a Final Site Drainage Plan for construction of an improved parking area and site drainage, 0.44 acres.

- Exhibits:
1. Permit Application, dated June 9, 1995, received June 9, 1995.
 2. Site Plan prepared by Carl W. Peterson and Associates, Inc., last revised June 19, 1995, received June 19, 1995.
 3. Cash surety in the amount of \$500, received June 14, 1995.

- Findings:
1. Applicant wishes to improve the existing gravel parking area to a bituminous lot. The size of the parking area will be increased by 50%.
 2. A new 40-foot, 12-inch CMP will be placed below the existing entrance along Lamotte Drive.
 3. The project site lies within 1,000 feet of Centerville Lake.
 4. ~~NWI maps show no wetlands on site.~~
 5. The Applicant has revised the Grading Plan to include erosion control measures and an over-excavated and widened roadside ditch. The ditch excavation will provide dead storage to meet District water quality standards.

Board Action:

6/23/95
EJT

Recommendation: Table pending receipt of:

1. Wetland delineation report.
2. Field verification of wetland boundaries.
3. Quantification of any proposed wetland or floodplain fill.
4. Lowest floor elevation at a minimum of 905 feet.
5. Site topographic survey for determining presence of floodplain.
6. Erosion Control Plan.
7. Cash surety in an amount to be determined.

Stipulation: The culvert shall be of a diameter no less than 36 inches and shall be placed at a centerline invert of 901.7. The culvert shall be of a length sufficient to allow a minimum of 2:1 side slopes for crossing embankments. The crown of the ditch crossing shall be no more than 0.5 feet above the surrounding ditch banks.

Location: Southwest quadrant of Potomac Street and Camp 3 Road, Columbus Township.

T-R-S: 32-22-21 baa

Purpose: Approval of a Final Site Drainage Plan and Culvert Construction Plan for development of a single family residence riparian to Anoka County Ditch 46, 40± acres.

Exhibits:

1. Permit Application, dated June 8, 1995, received June 9, 1995.
2. Site Sketch Plan prepared by Applicant, undated, received June 9, 1995.

Findings:

1. Applicant proposes construction of a 3,000± sq ft home adjacent to Branch 3 of County Ditch 46. A culvert is to be placed in the ditch near sta 15+00 to provide access from Potomac Street.
2. NWI maps for the area show a small wetland area near the proposed house pad. This area is not indicated on the sketch plan.
3. The 100-year floodplain for the site is 903 (DNR).

6/23/95
EJT

Permit Application No. 95-82: Garry and Maureen Olson

4. The official profile of Branch 3 states that official profile is nearly 5 feet below the existing sediment level. TO accommodate culvert placement without excessive ditch excavation, the culvert should be placed at a straight line slope with the culverts at Camp 3 Road and Potomac Street (this results in the culvert placement at the existing ditch grade).

Board Action:

6/23/95
EJT

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

1. Cash surety in the amount of \$250.

Location: 1/4 mile west of the northwest quadrant of Potomac Street and Camp 3 Road, Columbus Township.

T-R-S: 32-22-16 dcd

Purpose: Approval of a Wetland Alteration Plan for construction of two wildlife ponds on a 7.7± acre lot.

- Exhibits:
1. Permit Application, dated May 31, 1995.
 2. Site Plan prepared by Applicant, undated, received June 9, 1995.
 3. Erosion Control Plan prepared by Applicant, undated, received June 9, 1995.
 4. RCWD Permit 93-174.

- Findings:
1. Project site is located in parcel C of a minor subdivision approved under RCWD Permit 93-174.
 2. Site is adjacent to the north of a private ditch which serves as a major tributary to County Ditch 46.
 3. Two ponds are to be excavated on the site and spoils are to be placed around the house pad. The spoils will be seeded to prevent erosion.
 4. The 100-year flood for the area is 903 (DNR). No fill will be placed in the floodplain or wetland areas.
 5. The southern pond will involve excavation in a wetland replacement area provided in RCWD Permit 93-174.

Board Action:

6/23/95
EJT

Permit Application No. 95-84: SLP Warehouse

TWAFAA
~~10000~~

Recommendation: Table pending receipt of: ^{WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION}

1. Quantification of wetland ^{IMPACT AREA} ~~impacts.~~
2. Field verification of wetland impact minimization.
3. Revised plat showing lot combination and easements over ponds and other hydrologic features

~~WCA Exemption 24 applies to the site and the site is not a wetland.~~

~~WCA Exemption 24 applies to the site and the site is not a wetland.~~

~~WCA Exemption 24 applies to the site and the site is not a wetland.~~

7. Cash surety in the amount of \$2,000.

Location: 600 feet north of the northwest quadrant of 81st Avenue N.E. and Arthur Street N.E., Spring Lake Park.

T-R-S: 30-24-1 accd

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan to construct an office building on a previously subdivided lot, 3± acres.

- Exhibits:
1. Permit Application, dated June 12, 1995, received June 14, 1995.
 2. Site Plan prepared by Lampert Architects, dated May 7, 1995, received June 14, 1995.
 3. RCWD Permit File 86-05.

- Findings:
1. Site is located within Lots 3 and 4 of Block 1 of Gonyea's Addition as approved by RCWD Permit 86-05.
 2. The site contains wetlands as indicated by RCWD Permit 86-05 but they are not identified on the current submission. WCA Exemption 24 applies but impacts must be minimized where possible.
 3. The current plan shows two stormwater ponds for treatment and control of runoff. These ponds are only partially within the easement boundaries. Also, no design calculations have been submitted to show that District standards will be satisfied by these ponds.
 4. No erosion control specifications have been submitted.
 5. The 100-year flood elevation for the area is 905. No lowest floor elevation has been submitted as yet.

Board Action:

6/23/95
EJT

Permit Application No. 95-84: SLP Warehouse

TWAFAA
~~THAT~~

Recommendation:

Table ^{WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION} pending receipt of:

1. Quantification of wetland ^{IMPACT AREA} ~~WETLANDS~~
2. Field verification of wetland impact minimization.
3. Revised plat showing lot combination and easements over ponds and other hydrologic features.
4. REVISED LOWEST FLOOR ELEVATION REFLECTING 2 FT FREEBOARD ~~WETLANDS~~ ^{FROM POND 100-YR ELEV.}
5. REVISED POND DESIGN INCORPORATING A ~~MINIMUM~~ ^{VOLUME OF DEAD STORAGE} ~~MINIMUM~~ ^{IN CONFORMANCE} ~~MINIMUM~~ ^{W/ DISTRICT REQ'S}
6. EROSION CONTROL RIP-RAP AT ~~SPERMICIDE~~ ^{OUTFALLS.}
7. Cash surety in the amount of \$2,000.

Location: 600 feet north of the northwest quadrant of 81st Avenue N.E. and Arthur Street N.E., Spring Lake Park, 2.51 ± ACRES.

T-R-S: 30-24-1 accd

Purpose: Approval of a Land Development Plan and Final Site Drainage Plan to construct an office building on a previously subdivided lot, 3± acres.

- Exhibits:
1. Permit Application, dated June 12, 1995, received June 14, 1995.
 2. Site Plan prepared by Lampert Architects, dated May 7, 1995, received June 14, 1995.
 3. RCWD Permit File 86-05.

Findings:

1. Site is located within Lots 3 and 4 of Block 1 of Gonyea's Addition as approved by RCWD Permit 86-05.

2. The site contains wetlands as indicated by RCWD Permit 86-05 but they are not identified on the current submission. WCA Exemption 24 applies but impacts must be minimized where possible.
3. The current plan shows ^A ~~two~~ stormwater ponds for treatment and control of runoff. These ponds ~~are~~ only partially within the easement boundaries. ~~These ponds are not within the easement boundaries.~~
4. THE POND DESIGN UTILIZES PARKING AREAS FOR ~~PARKING AREAS~~ ^{STORAGE FOLLOWING LARGE STORMS. FOR THE 100-YR EVENT, APPROX. 6000 SQ FT OF PARKING AREA WILL BE FLOODED.}
5. THE CURRENT DRAINAGE DESIGN ALLOWS UNCONTROLLED RUNOFF FROM THE EASTERN PORTION OF THE SITE. OFF-SITE RATE CONTROL IS MAINTAINED HOWEVER THROUGH RESTRICTION OF WESTERN DISCHARGES.
6. The 100-year flood elevation for the area is 905. ^A ~~the~~ lowest floor elevation ~~has been specified as 907.0.~~ ^{OF 907.0 HAS BEEN SPECIFIED. HOWEVER, THE 100-YR ELEVATION IN THE POND IS 906.0, SO THE ELEVATION OF THE BUILDING FLOOR NEEDS TO BE RAISED 1 FT.}

Board Action:

6/23/95
EJT

Recommendation:

Table pending receipt of:

1. ~~1.~~ FULFILLMENT OF WCA PUBLIC NOTICE REQUIREMENTS
2. Preliminary plat on document conveying easements over wetlands.
3. Specification of an "equalizer" culvert beneath new driveway.
4. Site topographic survey for determining presence of floodplain.
5. Detailed location of building locations and specification of minimal lowest floor elevation of 905.0.

6. Erosion Control Plan for building construction areas.

7. CASH SURETY IN THE AMT OF \$3000

8. 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 HAS BEEN ~~PROPERLY~~ properly filed and recorded ~~PROPERLY~~.

2. 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: 1,500 feet southwest of the southwest quadrant of Lake Drive and Potomac Street, Columbus Township.

T-R-S: 32-22-28 aac

Purpose: Approval of a Land Development Plan and ~~WETLAND ALTERATION~~ ^{WETLAND ALTERATION} Plan for construction of a single family residence and a driveway.

Exhibits:

1. Permit Application, dated June 14, 1995, received June 14, 1995.
2. Site boundary survey prepared by Hult & Associates, dated June 14, 1995, received June 14, 1995.
3. Wetland Delineation Report prepared by the Anoka Conservation District, dated May 1, 1995, received June 14, 1995.
4. WCA Replacement Plan Application, dated June 14, 1995, received June 14, 1995.

6/23/95
EJT

Permit Application No. 95-85: Richard Cross

- Findings:
1. Applicant is proposing construction of a 380-foot driveway to provide access to a residential lot.
 2. The proposed driveway crosses an extensive wetland area. A total of 5,625 sq ft of impact will occur.
 3. The Applicant has provided an onsite mitigation area of 11,250 sq ft. This provides the minimum 2:1 mitigation ratio.
 4. Erosion control hay bales will be used to prevent sediment transport.
 5. The 100-year floodplain for the site is approximately 903 (per DNR).

Board Action:

6/23/95
EJT

Permit Application No. 95-86: Cindy Bellamy and Shirley Smith

TWAFAA

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

~~1. Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a single family residence, pole shed, and two wildlife ponds, 9.1± acres.~~

~~2. Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a single family residence, pole shed, and two wildlife ponds, 9.1± acres.~~

3. Cash surety in the amount of \$500.

Location: Southwest quadrant of Ingersoll Avenue N. and 170th Street N, Hugo.

T-R-S: 31-21-3 daaa

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a single family residence, pole shed, and two wildlife ponds, 9.1± acres.

Exhibits: 1. Permit Application dated June 14, 1995, received June 14, 1995.
2. Site Sketch Plan prepared by Applicant, undated, received June 14, 1995.
3. RCWD Permit File 94-122.

Findings: 1. Project site is located in parcel A of the minor subdivision approved under RCWD Permit 94-122.
2. RCWD Permit 94-122 contains a wetland delineation report for the site.
3. The site is riparian on the west to Hardwood Creek.
4. The 100-year floodplain for the site is 921. No lowest floor for the house has been specified.
5. Spoils from the pond areas are to be placed around the house and septic areas at a ground elevation of approximately 930, well out of the floodplain.
6. A 400 sq ft area of wetland is to be filled to provide a driveway to access the site. This fill qualifies for WCA Exemption 25.

Board Action:

6/23/95
BFI

Permit Application No. 95-87: Joachim Poetschke

APP

Recommendation: Approval of renewal.

Location: 7394 Lake Drive, Lino Lakes.

T-R-S: 31-22-17 caa

Purpose: Approval of renewal of RCWD Permit 94-96 for Wetland Alteration Plan for an "after-the-fact" excavation project within a private branch of the Ditch 10-22-32 system.

Exhibits: 1. Permit Application dated June 14, 1995, received June 14, 1995.
2. RCWD Permit File 94-96.

Findings: 1. Applicant is applying for renewal of an "after-the-fact" permit to remove a sediment delta (25 cu yds) from a private lateral to the Ditch 10-22-32 system which serves as an additional outlet to Marshan Lake.
2. This is the first renewal of this permit.
3. A cash surety in the amount of \$1,000 is on file under RCWD Permit 94-96.

Board Action:

6/23/95
EJT

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

1. FULFILLMENT OF WCA NOTICE REQUIREMENTS.

2. Erosion Control Plan.

3. Revised preliminary plat showing easement over western wetland and all areas below the 100-year floodplain elevation of 903.0.

4. Specification of minimum lowest floor elevation of 905.

5. Field verification of wetland boundaries.

6. Cash surety in the amount of \$4,300.

Stipulations: 1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.

2. ^{PROOF THAT} The Notice of Use Restriction and Maintenance Responsibility for the replacement wetland ~~HAS BEEN~~ ^{HAS BEEN} properly filed and recorded ~~RECORDING~~ ^{RECORDING}

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: 15004 Potomac Street, Columbus Township.

T-R-S: 32-22-21 ddd

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for subdivision of two lots from a 10.12± acre parcel and construction of a single family residence.

Exhibits:

1. Permit Application dated May 18, 1995, received June 15, 1995.
2. Preliminary Grading Plan prepared by Lot Surveys Company, Inc., last revised June 15, 1995, received June 15, 1995.
3. Preliminary plat prepared by Lot Surveys Company, Inc., last revised June 15, 1995, received June 15, 1995.
4. Wetland delineation report prepared by Anoka Conservation District, dated June 14, 1995, received June 15, 1995.

6/23/95
EJT

Permit Application No. 95-88: Randy and Bonnie Grubbs

5. WCA Replacement Plan Application, dated June 15, 1995, received June 15, 1995.
6. RCWD Permit File 93-125.

Findings:

1. The site was reviewed in 1993 under RCWD Permit 93-125 for a Final Site Drainage Plan for construction of a garage.
2. The 100-year floodplain for the site is 903 (DNR).
3. The Applicant is proposing 8,000 sq ft of wetland fill to construct a 400-foot length of driveway. An equalization culvert is specified for connection of the divided wetland.
4. An on-site replacement area of 16,700 sq ft has been provided. This satisfies the minimum 2:1 replacement ratio.
5. All upland sites in the construction area are above the 100-year floodplain.

Board Action:

6/23/95
EJT

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

1. Revised outlet structure details with corrected invert elevations.
2. Revised erosion control plan specifying placement of riprap at all storm sewer outfalls and location of silt fence placements.
3. Revised stormwater pond hydraulic calculations ignoring dead storage volume.
4. Wetland delineation report.
5. Field verification of wetland boundaries.
6. Cash surety in the amount of \$2,000.

Location: 8400 Coral Sea Street, Mounds View.

T-R-S: 30-23-5 baad

Purpose: Approval of a Final Site Drainage Plan for construction of an office warehouse building, 3.0± acres.

Exhibits:

1. Permit Application dated June 15, 1995, received June 15, 1995.
2. Erosion control notes, undated, received June 15, 1995.
3. Hydraulic calculations prepared by Clark Engineering, dated June 15, 1995, received June 15, 1995.
4. Grading and Drainage Plan prepared by Clark Engineering, dated June 1995, received June 15, 1995.
5. *ECWD CSMP FILE 87C02*

Findings:

1. Site is adjacent to Anoka-Ramsey JD-1. The onsite detention pond discharges directly to the ditch.
2. NWI maps for the region show a large Type III PEMC wetland on site. This wetland is not shown on the plan.
3. The 100-year floodplain for the area is 901 feet. The lowest floor elevation is 908.0.
4. A onsite detention pond has been designed to control and treat stormwater runoff. The pond appears to meet District requirements but revised calculations will be required to verify this.

Board Action:

5. *THE SITE IS LOCATED WITHIN AN APPROVED STORMWATER COMPREHENSIVE PLANNING AREA. HOWEVER, TO DATE NEITHER OF THE TWO PONDS IDENTIFIED IN THE PLAN HAVE BEEN CONSTRUCTED.*

6/23/95
EJT

TWAFAA
~~XXXXXXXXXX~~

[illegible]

5. Cash surety in an amount ^{THE} ~~not less than~~ ^{OF 100.} ~~the contract price.~~

~~ALL INFORMATION CONTAINED~~
~~HEREIN IS UNCLASSIFIED~~
~~DATE 08-10-2001 BY SP-6~~
~~SP-6~~

/ AND WETLAND ALTERATION PLAN

AND WETLAND ALTERATION PLAN

AND WETLAND ALTERATION PLAN

AND WETLAND ALTERATION PLAN

AND WETLAND ALTERATION PLAN

-33-

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

1. REVISED GRADING PLAN INCORPORATING REVISED DETENTION POND DESIGN.

~~1. REVISED GRADING PLAN INCORPORATING REVISED DETENTION POND DESIGN.~~

~~2. Narrative identifying reasons stormwater pond cannot meet District water quality requirements.~~

2. Cash surety in the amount of \$2,000.

Location: Southwest quadrant of 73rd Avenue N.E. and Commerce Circle West, Fridley.

T-R-S: 30-24-A cbbb

Purpose: Approval of a Final Site Drainage Plan for construction of an industrial facility, 3.6± acres.

- Exhibits:
1. Permit Application dated June 12, 1995, received June 15, 1995.
 2. Boundary and topographic survey prepared by Kemper and Associates, undated, received June 15, 1995.
 3. Grading, Utility, and Erosion Control Plans prepared by Amcon, ~~received June 15, 1995.~~ LAST REVISED 6-26-95 6-27-95
 4. Project narrative prepared by Amcon, dated June 15, 1995, received June 15, 1995.
 5. Hydrologic/hydraulic calculations prepared by Amcon, dated June 15, 1995, received June 15, 1995.

Findings:

1. The proposed project involves redevelopment of an existing 3-acre industrial site. All of the site, with the exception of an 8,000 sq ft area, drains away from Rice Creek.

2. Stormwater runoff for the majority of the site is controlled through an onsite pond. The pond provides rate control for 1- and 100-year storms.

3. Currently, the pond does not meet District requirements for water quality. The pond does not have adequate dead storage ^{WHICH} ~~which~~ ^{DUE TO} ~~due to~~ the presence of an underground sanitary sewer causes clearance problems near the outlet. ~~the pond does not have adequate dead storage which causes clearance problems near the outlet. the pond does not have adequate dead storage which causes clearance problems near the outlet.~~

(0.52 AC-FT BY STANDARDS)

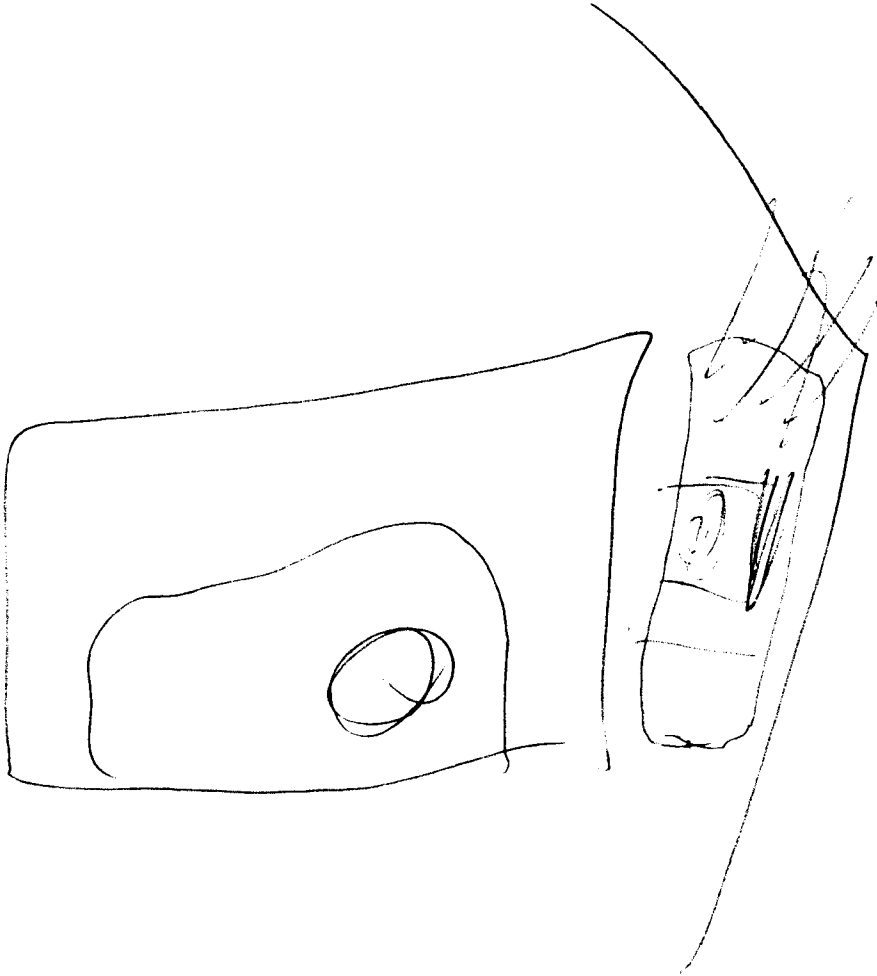
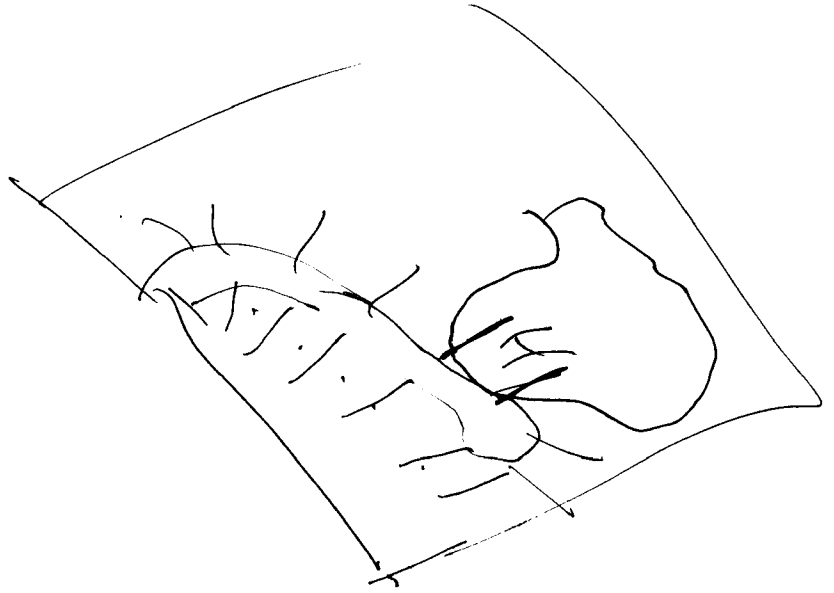
4. NWI maps show no wetlands on site.

Board Action:

4. AT THE 6-28-95 RCWD BOARD MTG A VARIANCE WAS GRANTED FROM WATER QUALITY REQUIREMENTS (DEAD STORAGE VOLUME) BASED ON THE FOLLOWING SIX CONDITIONS. (0.31 AC-FT)
 - ① ~~LOCATION~~ OF THE ONSITE POND IS DICTATED BY EXISTING SLOPES WHICH
 - ② RESULT IN THE POND BEING LOCATED IN AN AREA OF EXTENSIVE UTILITIES WHICH HAMPERS THE FREEDOM OF POND DESIGN.
 - ③ THE POND WILL HAVE AT LEAST 60% OF THE DEAD STORAGE REQ'D TO MEET DISTRICT STANDARDS.
 - ④ THE POND OUTLETS TO TWO DESIGNATED STORMWATER TREATMENT RATE CONTROL PONDS PRIOR TO ANY NATURAL BODY. THE SITE DRAINS AWAY FROM THE WATERSHED & HAS BEEN REVIEWED FOR CONFORMANCE WITH CITY STANDARDS.
 - ⑤ THE SITE IS LOCATED IN A HIGH INFILTRATION SOIL AREA.

6/23/95

EJT



Attachment wording for PA#95-91

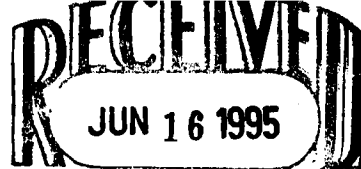
MSP Hult/Cardinal 3-2

Adoption of Engineer's Findings and Recommendation to grant a variance from District's water quality requirements (dead storage volume) based on the following six conditions: 1. The location of the onsite pond is dictated by existing slopes which... 2. ... result in the pond being located in an area of extensive utilities which hamper the freedom of pond design. 3. The pond will have at least 60% (0.31 ac-ft.) of the dead storage required to meet District standards. 4. The pond outlets to two designated stormwater treatment/rate control ponds prior to any natural body. 5. The site drains away from the watershed and has been reviewed for conformance with city standards. 6. The site is located in a high-infiltration soil area.

MSP Hult/Cardinal 4-1

Adoption of Engineer's Findings and Recommendation to TWAFAA pending receipt of: 1. Revised Grading Plan incorporating revised pond design that will meet 60% of District's standards for dead storage, conditional on downstream ponding capacity . 2. Cash Surety in the amount of \$2,000.

JUNE 14, 1995 RPT



FINAL
Permit Application No. 95-38:

Midwest Asphalt Corp. RICE CREEK TWAFAA
(Successful Bidder, City of Arden Hills) WATERSHED DISTRICT

Recommendation:

~~APPROVAL~~
~~Table with authorization for administrative action pending receipt of:~~

- ~~1. Signed Permit Application.~~
- ~~2. Outlet skimmer details for wetland forebay sedimentation areas.~~

Stipulation: The outlet for the wetland at County Road F and Valentine Avenue shall retain the same invert after replacement.

Location: County Road F between I-35W and Old Highway 10, Arden Hills.

T-R-S: 30-23-21 and 28

Purpose: Approval of a Roadway Reconstruction Plan for curb, gutter, and storm sewer placement for 4,714 feet of roadway.

- Exhibits:
1. Permit Application, ~~unsigned~~, dated March 24, 1994, received ~~April~~ ^{MAY 12,} 4, 1995.
 2. Construction Plans prepared by MSA, last revised June 8, 1995, received June 9, 1995.
 3. Cash surety in the amount of \$3,000, received May 10, 1995.

- Findings:
1. The project proposes conversion of 4,714 feet of County Road F from rural to urban section. Storm sewer improvements will be made to handle the drainage from the new roadway. Six storm sewer systems will be constructed which will outlet to three wetland areas. A 443-foot system and a 72-foot system will drain to the Type III (PEMF) wetland at Janet Court. A 77-foot, 134-foot, and 147-foot system will outlet to the Type III (PEMC) wetland west of Valentine Avenue. A very large 1,618-foot system will outlet to Valentine Lake.
 2. Treatment of stormwater discharges to Valentine Lake will be handled by an 8-ft x8-ft x34-ft grit chamber. The chamber provides 1,360 cu ft of dead storage. This is sufficient volume to adequately treat the runoff from this portion of the project.
 3. A secondary project proposes replacement of an existing 12-inch RCP outlet from the wetland at the northwest quadrant of Valentine Avenue and County Road F. To accommodate earlier design considerations, the 12-inch inlet will be retained, but an overflow structure will be installed to increase the discharge during wetter conditions. The overflow is to be set at elevation 897.7 (1.2 ft) higher than the existing runout). The overflow elevation has been designed to accommodate 10-year or larger storms.

6/9/95
EJT

LIVY.

Permit Application No. 95-38: Midwest Asphalt Corp.
(Successful Bidder, City of Ardent Hills)

4. Following the project, discharge rates and stormwater volumes will not increase. Small forebasin sedimentation areas have been proposed for the storm sewer outfalls.
5. Wetland fill is less than 1/2 acre and qualifies for WCA Exemption 16.

Board Action:

6/9/95
EJT

Permit Application No. 95-81: Church of St. Genevieve

TWAFAA

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

1. Erosion Control Plan.

2. ~~EXPLORATION OF WATER QUALITY TREATMENT OPTIONS FOR SITE DRAINAGE.~~

~~3. Cash surety in the amount of \$⁵⁰⁰2,000.~~

Location: 1664 Heritage Street, Centerville.

T-R-S: 31-22-23 cbdb

Purpose: Approval of a Final Site Drainage Plan for construction of an improved parking area and site drainage, 0.44 acres.

Exhibits: 1. Permit Application, dated June 9, 1995, received June 9, 1995.
2. Site Plan prepared by Carl W. Peterson and Associates, Inc., dated May 12, 1995, received June 9, 1995.

Findings: 1. Applicant wishes to improve the existing gravel parking area to a bituminous lot. The size of the parking area will be increased by 50%.
~~and an additional gravel parking area will be constructed.~~

2. ~~The new driveway is to be constructed across an existing ditch along the edge of the property.~~ ^{THE ENTRANCE} A new 40-foot, 12-inch CMP will be placed below ~~the existing ditch.~~

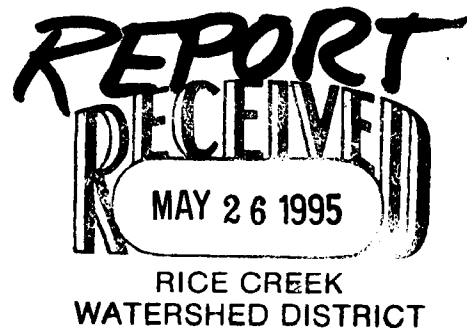
3. The project site lies within 1,000 feet of Centerville Lake.

4. NWI maps show no wetlands on site.

Board Action:

6/9/95
EJT

MAY 24, 1995



RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

MAY 24, 1995

It was moved by _____ and seconded by _____ to approve, ratify, table with authorization for administrative action, table, or withdraw the Permit Applications noted in the following table of contents in accordance with the District Engineer's Recommendation, as contained in the Engineer's Report dated May 19, 1995.

FINAL

FILE
COPY

Bed action @ 5-24-95 Mtg ✓ = B4 MTG
 ✓ = AFTER MTG

State	
95-25 ✓	95-56 ✓
95-38 ✓	95-59 ✓
95-52A ✓	95-61 ✓
95-55 ✓	95-66 ✓
94-95 ✓	95-67 ✓
95-53 ✓	95-68 ✓
Summit	
95-69 ✓	95-69 ✓

94-121 ✓ / B4

94-182 ✓	95-57 ✓
95-22 ✓	95-58 ✓
95-43 ✓	95-60 ✓
95-46 ✓	95-62 ✓
95-50 ✓	95-63 ✓
95-51 ✓	95-64 ✓
95-51 ✓	95-71 ✓

26

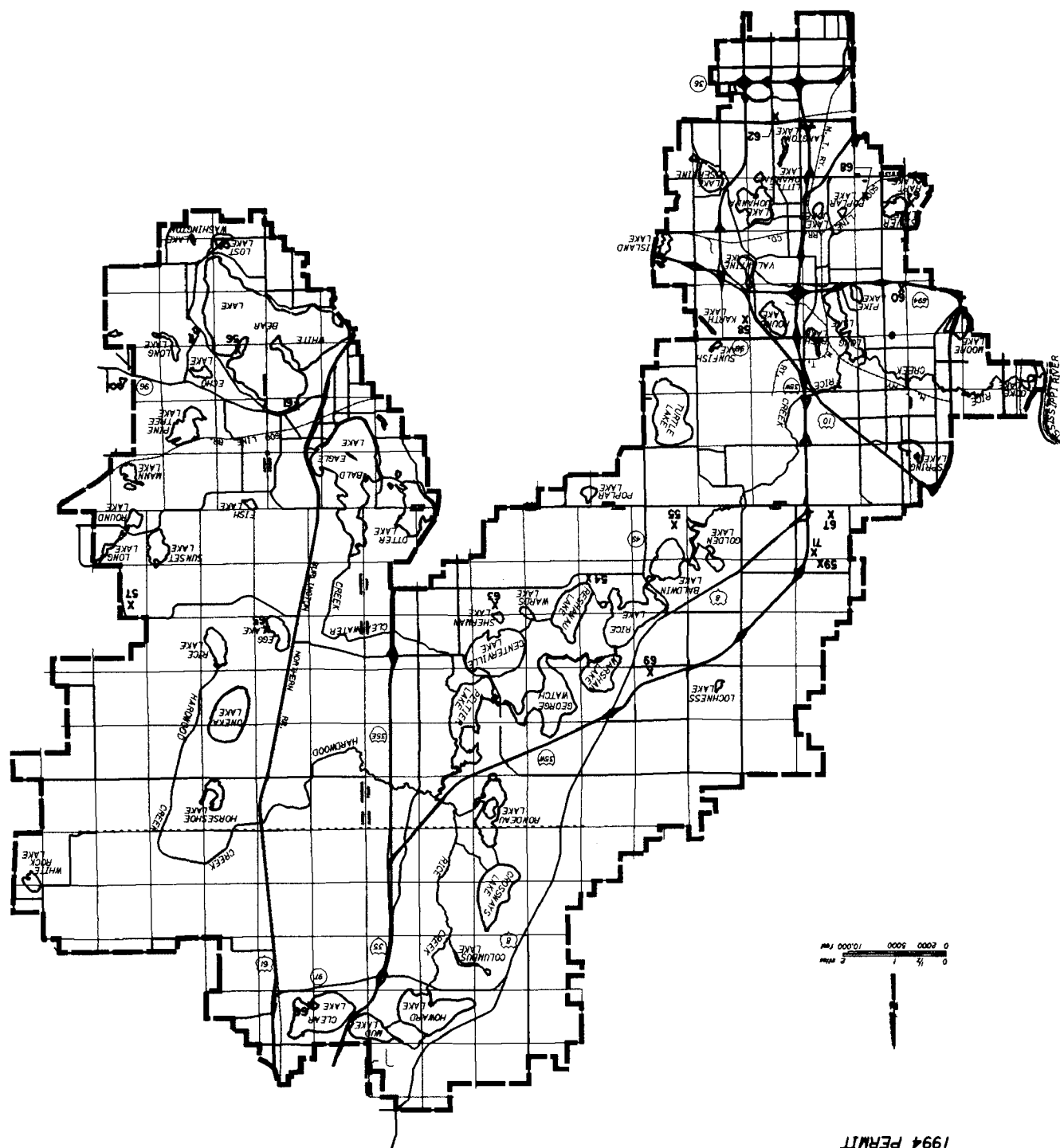
RICE CREEK WATERSHED DISTRICT

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x 95-38*	Midwest Asphalt Corp.	5	TAB
	(Successful Bidder, City of Arden Hills)		
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94-95*			
* To be presented			TWAFAA TWAFAA

REMOVED
BACK
IN SOLY.



RICE CREEK
WATERSHED DISTRICT
1994 PERMIT

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

1. Cash surety in the amount of \$15,000.

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 15th of each year.

Location: North of 112th Avenue N.E., west of Lexington Avenue, Blaine.

T-R-S: 31-23-14 acc

Purpose: Approval of a Land Development Plan, a Culvert Construction Plan, and a Wetland Alteration Plan for construction of a single family residential development to be known as North Oaks Ponds 1st Addition, 25 lots, 242± acres.

Exhibits:

1. Permit Application dated February 4, 1994, received May 12, 1994.
2. Preliminary plat and Ditch Blockage Plan prepared by Ulteig Engineers, dated May 6, 1994, received May 13, 1994.
3. Wetland delineation data forms prepared by John Anderson, dated August 13, 1992, received May 12, 1994.
4. Project narrative prepared by Ulteig Engineers, undated, received May 12, 1994.
5. Detention basin design calculations prepared by Ulteig Engineers, dated April 8, 1994, received May 13, 1994.
6. Letter from the Department of the Army to Mr. Gerald Flowden, Ulteig Engineers, regarding USCOE Nationwide Permit for construction of ditch plugs within Branch 3 of County Ditch 32.
7. Calculations for 1- and 100-year runoff and ponding volumes prepared by Ulteig Engineering, dated June 9, 1994, received June 24, 1994.

Permit Application No. 94-95: Willard Morton

8. Tabulation of wetland types, sizes, areas impacted, and quantification of wetland mitigation areas and types of mitigation wetlands prepared by Ulteig Engineering, dated June 9, 1994, received June 24, 1994.
9. Wetland Conservation Act Sequencing Narrative and Replacement Plan prepared by Ulteig Engineering, dated June 7, 1994, received June 14, 1994.
10. RCWD Permit File 93-40.

Findings:

1. The proposed project involves creation of four residential lots through development of Outlot C of North Oaks Ponds which was approved under RCWD Permit 93-40. Wetland impacts occur as a result of creation of a roadway for access to the isolated construction site. The roadway crosses Anoka County Ditch 53-62.
2. The proposed project involves 0.92 acres of wetland fill. The Applicant is proposing replacement of 0.79 acres of wetland and states that 2.22 acres of excess mitigation were created under the original development of this project. The Applicant requests that the excess mitigation be applied to the current project.
3. The project includes plans for construction of ditch blocks in Branch 3 of Anoka County Ditch 53-62 as a Wetland Restoration Plan for a 24.6-acre wetland creation project. This project is being coordinated with the USCOE. This wetland area will also serve as mitigation for any impact of the current plan.
4. A small sedimentation basin has been included in the plans for pretreatment and rate control for the stormwater leaving the project site.
5. Erosion control has been provided in the form of silt fence at all downslope sides of the construction area.
6. Floodplain elevation per FEMA is 897.5. The lowest minimum floor for the site is 906.0 feet MSL.

Board Action:

Consent Throfaa AG/BAH 5-0

5/24/95
EJT

Permit Application No. 94-121: Richard A. Carron and Darrel Hanson

APP

Recommendation: Approval.

Location: 14000 Irish Avenue, Hugo.

T-R-S: 31-21-22 da

Purpose: Approval of a Rough Grading Plan for a gravel mining operation.

- Exhibits:
1. Permit Application, dated June 17, 1994, received June 24, 1994.
 2. Rough Grading Plan prepared by Bruce A. Folz and Associates, dated February 14, 1994, received June 23, 1994.
 3. Delineation Report prepared by Washington County Soil Conservation District, dated September 13, 1994, received October 24, 1994.
 4. Erosion and Sediment Control Plan prepared by Sunde Engineering, last revised May 2, 1995, received May 3, 1995.
 5. Cash surety in the amount of \$1,000, received March 22, 1995.

- Findings:
1. Proposed project involves an extensive cut and fill operation for grading of a residential development. Permit will allow grading activity and removal of excess fill for sale off-site.
 2. The Grading Plan outlines several wetlands on-site. All wetland impacts through filling or direct draining have been avoided. The Grading Plan has been revised to eliminate loss in tributary watershed area for on-site wetlands.
 3. A temporary sedimentation basin has been added to the Erosion Control Plan.

Board Action:

Consent Appd
ARL/BAH 5-0

5/19/95
EJT

Permit Application No. 94-182: Arnt Construction
(Successful Bidder, Ramsey County Parks)

RAT

Recommendation: Ratification of administrative approval.

Location: East County Line Road between County Road E and Cedar Avenue, White Bear Lake.

T-R-S: 30-22-25 dddd

Purpose: Approval of a road reconstruction and storm sewer plan for 2,750± feet of East County Line Road.

- Exhibits:
1. Permit Application, dated October 12, 1994, received October 28, 1994.
 2. Pre-Permit File prepared by Eric Thompson, dated August 1994.
 3. Construction Plans prepared by Ramsey County, dated July 15, 1994, received October 28, 1994.
 4. RCWD CSMP File 81-01.
 5. Cash surety in the amount of \$2,000, received May 8, 1995.

- Findings:
1. The proposed project is for reconstruction of roadway and storm sewer for the reach of East County Line Road between County Road E and Cedar Avenue. The storm sewer consists of two separate systems, one of which drains south to tie into the existing system at the intersection of East County Line Road and Spruce Place and one that drains north into the existing ponding area at the northeast quadrant of East County Line Road and Riviera Drive.
 2. There will be approximately 1,300 sq ft of wetland impact associated with construction of the roadway and storm sewer outfall to the ponding area at Riviera Drive. The impact results from the stormwater outfall placement and creation of a stable roadside slope at the north ponding area. The Applicants are claiming Exemption 11 for the 800 sq ft of impact associated with the storm sewer and Exemption 10 for the 500 sq ft of fill required to create the roadway slope.
 3. Runoff volume and rate control are not an issue as this site is a redevelopment of an existing roadway.
 4. Water quality treatment is achieved through discharge of the north storm sewer into the pond at Riviera Drive. The south storm sewer discharges to a regional pond 1,200 ft east of East County Line Road on the north side of T.H. 244.

Board Action:

Arnt Rat
6/14 5-0

5/19/95
EJT

Permit Application No. 95-22: Walter's Recycling and Refuse Service

RAT

Recommendation: Ratification of administrative approval.

Stipulation: All construction debris, trash, and other fill material is to be removed from edge of wetlands and placed upslope of wetland boundaries delineated on site plan or otherwise disposed of.

Location: 700 feet west of southwest quadrant of 101st Avenue and Flanders Street, Blaine.

T-R-S: 31-23-27 bab

Purpose: Approval of a Final Site Drainage Plan for construction of site improvements for an industrial facility, 4.5± acres.

- Exhibits:
1. Permit Application dated March 7, 1995, received March 9, 1995.
 2. Site plan prepared by Pioneer Engineering, dated March 8, 1995, received March 9, 1995.
 3. Wetland Delineation Report prepared by Summit Enviro Solutions, dated March 9, 1995, received March 9, 1995.
 4. Drainage calculations prepared by Pioneer Engineering, last revised March 14, 1995, received March 27, 1995.
 5. RCWD Permit File 93-190.
 6. Cash surety in the amount of \$2,000, received March 29, 1995.

- Findings:
1. The Grading Plan shows three wetlands on site. The easternmost wetlands are Type III (PEMC) wetlands. The westernmost wetland is DNR Protected Wetland 589W. No impacts are proposed for these wetlands.
 2. A large two-cell detention pond has been included to treat and control stormwater runoff. The design exceeds current District requirements for both rate control and permanent pool volume.
 3. No additional buildings will be created as a part of this project.

Board Action:

Consent Rat.
5/19/95

5/19/95
EJT

1. Hydrologic/hydraulic summary or schematic diagram outlining existing and proposed peak discharge rates and volumes to the surrounding receiving bodies.
2. Cash surety in the amount of \$5,000.

Exhibits:

1. Permit Application dated March 9, 1995, received March 9, 1995.
2. Wetland Delineation Re-Evaluation Report prepared by Lori Marco, dated April 25, 1994, received March 9, 1995.
3. Hydraulic calculations, unsigned, dated February 26, 1995, received March 9, 1995.
4. Preliminary plat prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
5. Grading, Erosion Control, and Wetland Alteration Plans prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
6. WCA wetland replacement plan application prepared by Hokanson Development, undated, received April 18, 1995.
7. RCWD Permit Files 93-213 and 94-114.

Board Action: MSP Table
BH/C 5-0

-4-

Permit Application No. 95-38: Midwest Asphalt Corp.
(Successful Bidder, City of Arden Hills)

TAB

Recommendation: Table pending receipt of:

1. Signed Permit Application

by Contractor 5-12-95

~~2. ~~Wetland Delineation and Wetland Assessment Plan~~~~

① 3. Revised plan showing no increase in outlet size for wetland at the northwest quadrant of Valentine Avenue and County Road F.

② 4. NURP pond or equivalent treatment device at storm sewer outfall to Valentine Lake.

③ 5. Outlet control structure design details.

6. Cash surety in the amount of \$3,000, received May 10, 1995.

Stipulation: The outlet for the wetland at County Road F and Valentine Avenue shall retain the same invert after replacement.

Location: County Road F between I-35W and Old Highway 10, Arden Hills.

T-R-S: 30-23-21 and 28

Purpose: Approval of a Roadway Reconstruction Plan for curb, gutter, and storm sewer placement for 4,714 feet of roadway.

Exhibits: 1. Permit Application, unsigned, dated March 24, 1994, received April 4, 1995. Signed by Contractor 5-12-95.
2. Construction Plans prepared by MSA, dated February 27, 1995, received April 11, 1995.

Findings: 1. The project proposes conversion of 4,714 feet of County Road F from rural to urban section. Storm sewer improvements will be made to handle the drainage from the new roadway. Six storm sewer systems will be constructed which will outlet to three wetland areas. A 443-foot system and a 72-foot system will drain to the Type III (PEMF) wetland at Janet Court. A 77-foot, 134-foot, and 147-foot system will outlet to the Type III (PEMC) wetland west of Valentine Avenue. A very large 1,618-foot system will outlet to Valentine Lake.
2. A secondary project proposes replacement of an existing 12-inch RCP outlet from the wetland at the northwest quadrant of Valentine Avenue and County Road F with an 18-inch RCP. The size of this culvert was stipulated by early design of the development and cannot be changed.

5/19/95
EJT

Permit Application No. 95-38: Midwest Asphalt Corp.
(Successful Bidder, City of Arden Hills)

Two catchbasins which serve Valentine Crest Road and outlet to this storm sewer will be removed (improving the quality of discharge) and not replaced. Valentine Crest Road will drain south to County Road F.

3. Following the project, discharge rates and stormwater volumes will not increase. Small forebasin sedimentation areas have been proposed for the storm sewer outfalls.
4. Wetland fill is less than 1/2 acre and qualifies for WCA Exemption 16.

Board Action:

Consent Table
C/44 5-0

file is pd.

Permit Application No. 95-43: Control Data Systems, Inc. and
CSM Corporation

RAT

Recommendation: Ratification of administrative approval.

Location: 2,000 feet north of the northwest quadrant of County Road F and Lexington Avenue, Arden Hills.

T-R-S: 30-23-22 daa

Purpose: Approval of a Final Site Drainage Plan for construction of an office building, 6.3± acres.

- Exhibits:
1. Permit Application, dated April 10, 1995, received April 10, 1995.
 2. Application for MPCA General Stormwater Permit, dated April 10, 1995, received April 12, 1995.
 3. Drainage calculations prepared by HTPO, dated March 7, 1995, received April 10, 1995.
 4. Grading, Utility, and Drainage Plan prepared by HTPO, dated April 3, 1995, received April 10, 1995.
 5. Outlet control structure detail prepared by HTPO, last revised May 2, 1995, received May 2, 1995.
 6. Cash surety in the amount of \$3,000, received May 2, 1995.

- Findings:
1. The Applicant is proposing a two-phase development which will involve construction of two buildings, parking area, and on-site pond.
 2. The pond has been designed to provide rate control and treatment for the entire developed site.
 3. An Erosion Control Plan consisting of silt fence, rock construction entrances, and riprap at all storm sewer entrances has been detailed.
 4. NWI maps for this area show no wetlands on-site.

Board Action:

Consent Rat
5/19/95

5/19/95
EJT

Permit Application No. 95-46: Central Landscaping, Inc.
(Successful Bidder, City of Roseville)

RAT

Recommendation: Ratification of administrative approval.

Location: Prior Avenue, Oakcrest Avenue, Lake Street, Midland Hills Road, Rosewood Lane N., Rosewood Lane S., Draper Avenue, Rosedale Drive, Skillman Avenue, Ryan Avenue, Aldine Street, Shryer Avenue, Beacon Street, Wheeler Street, Herschel Street, Midlothian Road, Eldridge Avenue, and Fry Street, Roseville.

T-R-S: 29-23-9, 17, 18

Purpose: Approval of a Roadway Reconstruction Plan for 18 separate streets, 2.9± miles total length.

Exhibits: 1. Permit Application, received April 13, 1995, signed on May 9, 1995.
2. Roadway Construction Plans prepared by the City of Roseville, dated March 24, 1995, received April 11, 1995.
3. Cash surety in the amount of \$1,000, received May 9, 1995.

Findings: 1. The project consists primarily of resurfacing roadways. In various places, repairs will be made to sanitary sewer lines. New storm sewer will be placed on only four stretches of road: 197 feet on Beacon Street, 37 feet on Fry Street, 433 feet on Rosewood Lane S., 615 feet on Draper Avenue, and 61 feet on Rosedale Drive E. Each segment of new sewer will be located below an existing curb and guttered street and will tie into an existing catchbasin which serves the new storm sewer reach of road. No new concentrated stormwater discharges will be added to the existing storm sewer system. No new storm sewer outfalls will be constructed. A 30-foot length of existing storm sewer will be replaced along Eldridge Street.
2. Rate control is not an issue as there will be no increase in discharge from the site. Water quality is not a concern because there is no alteration to the existing drainage condition.
3. There are three small Type IV/V (PUBF/G) wetlands in the vicinity of Rosewood Lane N. There will be no impact to these wetlands.

Board Action:

Consent Rat
C / BH 5-0

5/19/95
EJT

Permit Application No. 95-50: Dynex Industries, Inc.

RAT

Recommendation: Ratification of administrative approval.

Location: 4754 Mustang Circle, Mounds View.

T-R-S: 33-23-17 accc

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition on an existing industrial facility, 5.9 acres.

- Exhibits:
1. Permit Application, dated April 13, 1995, received April 13, 1995.
 2. Grading, Drainage, Utility, and Erosion Control Plan prepared by Merila and Associates, last revised April 25, 1995, received April 26, 1995.
 3. Drainage calculations prepared by Merila and Associates, dated February 21, 1995, received April 13, 1995.
 4. RCWD Permit File 94-147.
 5. Cash surety in the amount of \$3,000, received May 2, 1995.

- Findings:
1. The site lies adjacent to the east of a large Type III (PEMF) wetland. This wetland will not be impacted.
 2. All stormwater is directed to an on-site detention basin which has been designed according to NURP standards.
 3. The new pond outlet has been revised to drain in the same direction as the current outlet. Existing drainage problems occurring due to the fill stockpile directly opposite the pond outlet have been avoided through construction of an emergency overflow within an existing drainage easement south of the stockpile.
 4. The lowest floor elevation is 895.0. FIS maps show the 100-year flood elevation to be 873.0.

Board Action:

Consent Rat
C/BH 5-0

5/19/95
EJT

Recommendation: Ratification of administrative approval.

Location: 8000-75th Street N., Mahtomedi.

T-R-S: 30-21-28 bccc

Purpose: Approval of a Final Site Drainage Plan for reconstruction of an existing outdoor high school running track.

- Exhibits:
1. Permit Application, dated April 13, 1995, received April 13, 1995.
 2. Drainage Plan prepared by Abendroth, Rego & Youngquist Architects, Inc., undated, received April 13, 1995.
 3. Certificate of Survey prepared by Kemper & Associates, undated, received April 13, 1995.
 4. Cash surety in the amount of \$2,000, received May 4, 1995.

- Findings:
1. Proposed project involves resurfacing an existing outdoor 1/4-mile running track. Two additional lanes will be added to the track amounting to an additional 0.1± acre of impervious area.
 2. A drain tile system will be installed under the inside lane track (around the existing football field) and will drain to a small detention pond south of the track area. The pond outlets to the existing storm sewer system which serves the parking lot.
 3. NWI maps show no wetlands within the construction area.

Board Action:

Consent Rat
/s/ [Signature]

5/19/95
EJT

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

1. Revised erosion control plan specifying riprap at all storm sewer outfalls.
2. Hydrologic/hydraulic routing calculations for ditch/pond/stormsewer system.
3. Cash surety in the amount of \$6,000 *rec'd 6-8-95.*

Stipulation: This permit applies to development of the 1st Addition and grading of the 2 ponds between the 1st, 2nd and 3rd Additions only.

Location: Northeast quadrant of Sunset Road and Lilac Street, Lino Lakes.

T-R-S: 31-22-7 c and d

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of the 1st Addition of a single family residential development to be known as Behm's Century Farm, 105± acres, 160 lots (1st Addition, 30 acres, 65 lots).

- Exhibits:
1. Permit Application, dated April 13, 1995, received April 13, 1995.
 2. Preliminary Grading Plan prepared by J. C. Johnson Consultants, Inc., last revised May 18, 1995, received May 19, 1995.
 3. Concept sketch prepared by J. C. Johnson Consultants, Inc., dated April 13 1995, received April 13, 1995.
 4. Preliminary plat prepared by J. C. Johnson Consultants, Inc., dated May 19, 1995, received May 19, 1995.
 5. *Cash Surety in amt of \$6,000 rec'd 6-8-95.*

- Findings:
1. The Applicant is currently planning construction activities for the 1st Addition and two of the three ponding facilities which are located in the 2nd Addition.
 2. There are no wetland impacts proposed in the 1st Addition. Two mitigation areas for future proposed impacts associated with the 2nd and 3rd Additions are located within ponding areas. Sedimentation forebays are located around the mitigation areas to prevent eventual loss of area.
 3. There will be three ponds constructed to serve the 1st, 2nd, and 3rd Additions. Two of the ponds flow into a central pond which outlets to Anoka County Ditch 10. Adequate rate control and treatment will be provided by this system.

Permit Application No. 95-53: Gary Uhde

4. The applicant has included in the grading plan an alteration to the main branch of Anoka County Ditch 10-22-32. The applicant is proposing construction of a large sedimentation basin which will provide retrofit treatment to areas upstream of the development. The ditch alteration will not impede or improve flow rates. It is strictly a water quality and flood storage benefit.
5. The current grading plan will create an additional storage volume of 11.54 ac ft of live storage below the 100-year elevation of 898.0. Ultimately, a total flood storage increase of 18.97 ac-ft will be created by this project. The project will create an excess 100-year volume of only 8± ac ft of runoff over existing land conditions.

Board Action:

MSP Twafaa
BAH/c 5-0

Permit Application No. 95-54: Successful Bidder, City of Lino Lakes *Project: Bonine Excavating*
TWAFAA

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

1. Signed Permit Application.
2. Revised Grading Plan showing invert of storm sewer inlet upstream of CB6-5 raised to 891.0.
3. Cash surety in the amount of \$2,000.

Location: East of Fawn Lane between Birch Street and Reshanau Lake, Lino Lakes.

T-R-S: 31-22-29 daac

Purpose: Approval of a Roadway and Utility Construction Plan to serve a residential development to be known as Country Lake Estates, 53 lots, 33± acres.

- Exhibits:
1. Permit Application, unsigned, undated, received April 28, 1995.
 2. Roadway Reconstruction Plans prepared by TKDA, dated March 27, 1995, received April 28, 1995.
 3. RCWD Permit Files 94-119 and 94-201.

- Findings:
1. The application is for construction of Phase II of roadways and utility lines that will service Country Lake Estates.
 2. RCWD Permit 94-201 (renewal of 93-160) covered the Land Development Plan for Country Lake Estates. RCWD Permit 94-119 covered Phase I of roadways and utilities.
 3. The proposed plan conforms with the grading Plan approved under RCWD Permit 94-201 except for one storm sewer inlet which is currently specified at an elevation of 890.0, 1 foot lower than approved.

Board Action:

Consent TWAFAA
AP/BAH 5-1

5/19/95
EJT

Permit Application No. 95-55: Successful Bidder, City of Lino Lakes TWAFAA

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

1. Signed Permit Application.
2. Cash surety in the amount of \$2,000.

Location: Southeast quadrant of Baldwin Lake Road and White Pine Road, Lino Lakes.
 3. Permit Fee in amt of \$500.

T-R-S: 31-22-31 cbbd

Purpose: Approval of a Roadway and Utility Construction Plan to serve a residential development to be known as Woods of Baldwin Lake, 2nd Addition, 13 lots, 5.6 acres.

Exhibits: 1. Permit Application, unsigned, undated, received April 28, 1995.
 2. RCWD Permit File 94-157.

Findings: 1. The application is for construction of roadway, storm sewer, and utilities that will service Woods of Baldwin Lake 2nd Addition.
 2. The Woods of Baldwin Lake 2nd Addition Land Development Plan was approved as RCWD Permit 94-157. The plan submitted under the current application conformed with RCWD Permit 94-157.

Board Action: Consent Twafaa
 AX/BAH 5-0

5/19/95
EJT

Permit Application No. 95-56: Allen and Lavonne Hanson

TWAFAA

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

1. Cash surety in the amount of \$250.

Location: 48 Peninsula Road, Dellwood.

T-R-S: 30-21-19 babb

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake, 0.9± acres.

Exhibits:

1. Permit Application, dated April 24, 1995, received April 27, 1995.
2. Site Plan prepared by Bruce W. Schmidt and Associates, dated April 10, 1995, received April 27, 1995.
3. RCWD Permit Files 92-61, 85-126, and 81-66.

Findings:

1. RCWD has issued several permits for the East Peninsula of White Bear Lake: 92-61 was for 15 Peninsula Road, 85-126 was for 44 Peninsula Road, and 81-66 was for 21 Peninsula Road.
2. The 100-year flood elevation of White Bear Lake is 926.7. The lowest floor (existing) elevation of the residence is 946.9.
3. The OHW of White Bear Lake is 924.7. The existing house is set 75 feet back from the OHW. This meets District requirements (White Bear Lake is classified as General Development).
4. Drainage swales are to be cut at the south project border to keep drainage from flowing into the neighbor's property.
5. A silt fence will be placed downslope of all graded areas.

Board Action:

Consent TWAFAA
C/BAH 5-0

5/19/95
EJT

Permit Application No. 95-57: Jeff Barbour

APP

Recommendation: Approval of renewal.

Location: West of Isleton Avenue N. between 132nd Street N. and County Road 8A, Hugo.

T-R-S: 31-21-26 bdb

Purpose: Approval of renewal of RCWD Permit 93-214 for a Wetland Alteration Plan, Final Site Drainage Plan, and Land Development Plan for a single family residential development to be known as Barbour Property, 22 lots, 104± acres.

Exhibits: 1. Permit Application, dated April 25, 1995, received May 2, 1995.
2. RCWD Permit File 93-214.

Findings: 1. Applicant is proposing no changes to previously approved plans.
2. A cash surety in the amount of \$4,000 is on file under RCWD Permit 93-214.
3. This is the first renewal of this project.

Board Action:

Consent
C/Board 5-0

5/19/95
EJT

Permit Application No. 95-58: John McClung

APP

Recommendation: Approval of renewal.

Location: Southeast quadrant of Collen^e Avenue and McClung Drive, Arden Hills.

T-R-S: 30-23-22 bcc

Purpose: Approval of renewal of RCWD Permit 94-68 for a Land Development Plan for construction of a residential subdivision to be known as McClung 4th Addition, 9 lots, 4.7± acres.

Exhibits: 1. Permit Application, dated April 24, 1995, received May 2, 1995.

2. RCWD Permit File 94-68. *will Stry @ \$1,000 rec'd* _____.

Findings: 1. Applicant is proposing no changes to previously approved plans.

2. A cash surety in the amount of \$1,000 is on file under RCWD Permit 94-68.

3. This is the first renewal of this permit.

Board Action:

Consent Applied
C/BAH 5-0

5/19/95
EJT

Permit Application No. 95-59: Tyler Stoutenburg

TWAFAA

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

1. RCWD Board discussion of fill placement within easement boundary.
2. Erosion Control Plan.
3. Cash surety in the amount of \$500.

Location: 3051-93rd Avenue N.E., Blaine.

T-R-S: 31-23-27 dcdd

Purpose: Approval of a Wetland Alteration Plan for construction of a driveway turnaround on a 0.6± acre lot.

Exhibits:

1. Permit Application, dated April 26, 1995, received May 5, 1995.
2. Site Plan prepared by Midwest Land Surveyors and Civil Engineers, Inc., undated, received May 5, 1995.

Findings:

1. Applicant wishes to fill 400 sq ft of wetland to create a driveway turnaround. Approximately one-half of the fill area is located within a drainage easement.
2. The wetland does not appear on NWI maps, but was delineated by the Anoka Conservation District.
3. The area under easement appears to be a region of Zone A floodplain.
4. The site is located at the northwest quadrant of 93rd Avenue and a private section of Branch 1 of Anoka-Ramsey JD-1. The official length of Branch 1 flows south from 93rd Avenue N.E.
5. The project location is immediately north of Aspen Ridge (RCWD Permit Files 95-71 and 93-210).

Board Action:

Consent Waived
C/H 5-0

5/19/95
EJT

Permit Application No. 95-60: Harstad Companies

APP

Recommendation: Approval of renewal.

Location: West of 27th Avenue N.W. between I-694 and 12th Street N.W., New Brighton.

T-R-S: 30-23-19 ccc

Purpose: Approval of renewal of RCWD Permit File 93-176 for a Land Development Plan and Wetland Alteration Plan for construction of a single and multi-family residential development to be known as Innsbruck North 5th Addition, 41 single family residences, 108 multifamily residences.

Exhibits: 1. Permit Application, dated May 5, 1995, received May 5, 1995.
2. Grading Plan prepared by Ulteig Engineering, Inc., last revised April 21, 1995, received April 25, 1995.
3. RCWD Permit Files 93-176, 93-168, and 93-89, *incl \$7,000 surety rec'd*

Findings: 1. Applicant has changed the Grading Plan to resize three ponding areas and relocate a wetland mitigation area.
2. The three ponds will retain the same outlet configuration but will be enlarged to reduce flood elevations.
3. The wetland mitigation area will be moved to Innsbruck 4th Addition. The same area of replacement is specified.
4. The revised ponding design satisfies District rate control policy.

Board Action:

Consent App'l

C/H 5-0

5/19/95
EJT

Permit Application No. 95-61: Successful Bidder, Ramsey Co. Parks

TWAFAA

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

1. Signed Permit Application.

2. Cash surety in the amount of \$1,000.

Location: 5050 Lake Avenue, White Bear Lake. *3. Permit fee in amt of \$150.00*

T-R-S: 30-22-12 cddd

Purpose: Approval of a Final Site Drainage Plan for construction of two new park facilities riparian to White Bear Lake.

Exhibits: 1. Permit Application, unsigned, undated, received May 10, 1995.
2. Site Plan prepared by Thorbeck Architects, dated May 9, 1995, received May 10, 1995.

Findings: 1. Proposed project involves construction of a small park building and play area. The net change in impervious area is an increase of 4,000± sq ft.
2. The new building is set back 80+ feet from the OHW of 924.7, which exceeds requirements.
3. There will be no wetland impacts associated with this project.
4. Silt fence will be placed between the construction site and lake.
5. The 100-year flood elevation of White Bear Lake is 926.7. The lowest floor elevation is 928.7.

Board Action:

*Consent Granted
C/145-0*

5/19/95
EJT

Permit Application No. 95-62: Pacific Mutual Door Company

APP

Recommendation: Approval of renewal.

Location: 2655 Fairview Avenue ^N~~X~~, Roseville.

T-R-S: 29-23-9 baaa

Purpose: Approval of renewal of RCWD Permit File 94-88 for a Final Site Drainage Plan for site expansion and building addition on a 5.8± acre lot.

Exhibits: 1. Permit Application, dated April 27, 1995, received May 9, 1995.
2. RCWD Permit File 94-88, incl surety in amt of \$3,000 rec'd —

Findings: 1. The site plan has been slightly revised to include more parking. All drainage issues are adequately accounted for by the new plan.
2. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-88.
3. This is the first renewal of this permit.

Board Action:

Consent April
C/HS

5/19/95
EJT

Permit Application No. 95-63: Contractor Property Developers Co.

APP

Recommendation: Approval of renewal.

Location: Northeast quadrant of Birch Street and Sherman Lake Road, Lino Lakes.

T-R-S: 31-22-18 caad

Purpose: Approval of renewal of RCWD Permit 93-178 for a Land Development Plan and Wetland Alteration Plan for construction of three single family residences adjacent to Pheasant Hills Preserve, 2.63 acres.

Exhibits: 1. Permit Application, dated May 10, 1995, received May 10, 1995.

2. RCWD Permit Files 93-178 and 91-167. *nil \$4,200 cash surety*

3. *RCWD 11 11 91-167* ↑ *Ed Vaughan*

Findings: 1. Applicant proposes no changes to previously approved plans.

2. A cash surety in the amount of \$4,200 is on file under RCWD Permit File 93-178.

3. This is the first renewal of this permit.

Board Action:

*(omit app'l
c/145-0*

5/19/95
EJT

Permit Application No. 95-64: James Kelly

APP

Recommendation: Approval of renewal.

Location: 4219 Stinson ~~Avenue~~ ^{Blvd} N.E., Columbia Heights

T-R-S: 30-24-36 add

Purpose: Approval of renewal of RCWD Permit File 94-110 for a Final Site Drainage Plan for construction of a single family residence riparian to Silver Lake, 0.75± acres.

Exhibits: 1. Permit Application, dated May 8, 1995, received May 10, 1995.

2. RCWD Permit File 94-110, *incl cash surety @ \$500 rec'd* _____ .

Findings: 1. Applicant proposes no changes to previously approved plans.

2. A cash surety in the amount of \$500 is on file under RCWD Permit File 94-110.

3. This is the first renewal of this permit.

Board Action:

Consent April

4/14/95

5/19/95
EJT

Permit Application No. 95-65: Kenco Construction, Inc.

APP

Recommendation: Approval of renewal.

Location: Northwest and southwest quadrants of 145th Street and Geneva Avenue N., Hugo.

T-R-S: 31-21-20 db

Purpose: Approval of renewal of RCWD Permit ~~94-82~~⁹⁴⁻⁸² for a Land Development Plan and Final Site Drainage Plan for construction of a single family residential development to be known as Rice Lake Meadows 3rd Addition, 120 lots, 60.3 acres.

Exhibits: 1. Permit Application, dated April 24, 1995, received May 11, 1995.

2. RCWD Permit Files 94-82 and 91-125, incl *cash surety rec'd*

Findings: 1. The project was originally approved under RCWD Permit 91-125. Several administrative amendments were made on the proposed project within the active period. Permit 94-82 incorporated the administrative changes as well as a new ponding site on the south end of Geneva Avenue which will be constructed when the cul-de-sac is completed.

The Applicant is proposing no changes to the previously approved plans.

2. A cash surety in the amount of \$13,000 is on file under RCWD Permit 94-82.

3. This is the second renewal of this permit.

Board Action:

Consent Appl'd
C/H5-D

5/19/95
EJT

Recommendation: Table pending receipt of:

1. DNR Permit for any fill below OHW of 890.3.
2. Quantification of wetland impacts associated with tile lines and fill above 890.3.
3. WCA sequencing narrative and Replacement Plan application if area drained or filled exceeds 400 sq ft.
4. Cash surety in the amount of \$500.

Location: 21185 Floral Bay, Forest Lake Township.

T-R-S: 32-21-17 ccaa

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for placement of a tile line and "after-the-fact" approval of fill for landscaping purposes for a single family residence riparian to Clear Lake, 0.8± acres.

Exhibits:

1. Permit Application, dated May 10, 1995, received May 11, 1995.
2. Certificate of Survey prepared by E.G. Rud and Sons, Inc., dated January 9, 1989, received May 11, 1995.

Findings:

1. Applicant wishes to place two tile lines to dewater a natural spring area and then fill the area to create an even yard grade.
2. It appears that some of the proposed fill may be located within the 100-year floodplain. No compensatory storage is proposed.
3. The spring area may be a wetland. If so, tiling and filling will definitely result in wetland impacts. If the impacted area is greater than 400 sq ft (deminimus), a Replacement Plan will be required.
4. Some fill has been placed below the Clear Lake OHW of 890.3. The DNR has advised that they intend to initiate enforcement proceedings to have this fill removed.

Board Action:

MSP
BAH/ASC5
Table

5/19/95
EJT

Recommendation: Table pending receipt of:

1. Signed Permit Application.
2. Pond design calculations.
3. Calculations quantifying the increase in live and dead storage resulting from the project.
4. Identification of spoils placement site.
5. Coordination between project engineer and District Engineer.
6. Review by District Attorney regarding M.S. 103E.
7. Quantification of wetland impacts and narrative documenting wetland types, functions, and values before and after project.
8. Coordination with USCOE and MPCA regarding 401 certification.
9. Cash surety in the amount of \$5,000.

Location:

North of 85th Avenue at Anoka-Ramsey JD-1, Blaine.

T-R-S:

31-23-34 c

Purpose:

Approval of a Wetland Alteration Plan and Comprehensive Stormwater Management Plan to provide stormwater storage and treatment for the South-Central Drainage District of Blaine.

Exhibits:

1. Permit Application, unsigned, undated, received May 11, 1995.
2. Construction Plans prepared by OSM, dated April 28, 1995, received May 11, 1995.
3. Comprehensive Stormwater Management Plan for the South-Central Drainage District, City of Blaine, prepared by OSM, dated August 1994, received January 11, 1995.

Findings:

1. Applicant is proposing construction of three diversion ponds to provide treatment to stormwater discharges flowing in JD-1. Optional low flow diversion and weirs may be placed within the ditch to improve routing of flows to the treatment basins.
2. No alteration of the ditch width, sideslope, or existing culverts are proposed for this project.

Board Action:

Consent Table

C/145-0

Permit Application No. 95-68: Nedegard^{aa} Construction

TWAFAA

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

1. Field verification of on-site wetlands. *by Dist Admin.*
2. Revised outlet control structure with reduced weir length.
3. Cash surety in the amount of \$2,000.

Location: Southeast quadrant of Fordham Drive and 39th Avenue, St. Anthony.

T-R-S: 30-23-31 dabb

Purpose: Approval of a Final Site Drainage Plan for construction of a multi-family residential development to be known as The Village Commons, 2 single family residences, 12 townhomes, 3.5± acres.

- Exhibits:
1. Permit Application, dated, received May 11, 1995, received May 11, 1995.
 2. Preliminary plan prepared by Hy-Land Surveying, last revised May 10, 1995, received May 11, 1995.
 3. Grading and Erosion Control Plan prepared by Ulteig Engineering, dated May 10, 1995, received May 11, 1995.
 4. RCWD Permit File 91-70.

- Findings:
1. Project site lies immediately south of Evergreen Terrace, reviewed by RCWD as Permit 91-70.
 2. NWI maps show two small Type III (PEMC) wetlands on site. Discussions with project engineer suggest that these wetlands may have been filled in the past.
 3. The stormwater pond has adequate live and dead storage volumes to satisfy District requirements. However, the outlet control structure appears to be oversized, allowing discharge rates in excess of existing conditions.
 4. Erosion control silt fence, construction entrances, hay bales, riprap, and erosion maps are specified for sediment control.

Board Action:

Consent Twafaa
C/145-0

5/19/95
EJT

TWAF

Recommendation:

Table ~~XXXXXXXXXXXX~~^{WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION}-pending receipt
of:

1. Revised Erosion Control Plan showing permanent riprap at storm sewer outfalls and temporary hay bale sediment barriers at catchbasins during construction.
2. CLARIFICATION OF OUTFALL ELEVATIONS TO I-25W RIGHT OF WAY, ¹/₂ PERMISSION FOR OFF-SITE GRADUALLY
3. GROUNDWATER ELEVATIONS FOR SITE
4. Hydrologic/hydraulic stormwater routing calculations.
5. Outlet control structure design details (skimmers).
6. Cash surety in the amount of \$3,000.

Location: Northeast quadrant of Sunset Road and County Road 12, Lino Lakes.

T-R-S: 31-22-18 dcb

Purpose: Approval of a Land Development Plan for construction of a single family residential development to be known as Willow Ponds of Lino Lakes, 10 single family residences, 48 rental units, 13.6± acres.

- Exhibits:
1. Permit Application, dated May 11, 1995, received May 11, 1995.
 2. Preliminary Grading and Drainage Plan prepared by J. C. Johnson Consultants, Inc., dated March 23, 1995, received May 11, 1995.
 3. Preliminary plat prepared by J. C. Johnson Consultants, Inc., dated March 23, 1995, received May 11, 1995.
 4. Hydrologic/hydraulic calculations prepared by J. C. Johnson Consultants, Inc., dated May 11, 1995, received May 11, 1995.
 5. RCWD Permit File 94-49.

- Findings:
1. Applicant wishes to develop a parcel originally reviewed as RCWD Permit 94-49. The 1994 application was withdrawn after a change in ownership occurred.
 2. NWI maps show no wetlands on site.
 3. The Stormwater Management Plan adequately address District requirements for rate control and water quality.
 4. Easements have been granted for all stormwater facilities.

Board Action:

MSP ^{Thapan}
C/R 5-0

5/19/95
EJT

Permit Application No. 95-71: K-G Development

APP

Recommendation: Approval of renewal.

Location: Southeast quadrant of Flanders Street N.E. and 93rd Avenue N.E., Blaine.

T-R-S: 31-23-34 abd

Purpose: Approval of renewal of RCWD Permit File 93-210 for a Land Development Plan for a single family residential development to be known as Aspen Ridge, 49 lots, 31± acres.

Exhibits: 1. Permit Application, dated May 11, 1995, received May 15, 1995.

2. RCWD Permit File 93-210, incl cash surety @ \$5,000 rec'd _____

Findings: 1. Applicant has proposed no changes to previously approved plans.

2. RCWD Permit 93-210 contains a cash surety in the amount of \$5,000.

3. This is the first renewal of this permit.

Board Action:

Consent App'l
CH5-0

5/19/95
EJT

Logged: 5-11-95/BF
Typed: 5-12-95/BF
Copied to file: 5-12-95/BF

5-10-95 ENGR. RPT.
FINAL

Permit Application No. 95-15: Northdale Construction Co., Inc.

TWAFAA

Recommendation: Table with authorization for administrative action pending receipt of a cash surety in the amount of \$3,000. *pd 5-19-95*

Location: Wildwood and Park Avenue between Hickory and Wildwood Beach Road, Mahtomedi.

T-R-S: 30-21-29 b and c

Purpose: Approval of a Roadway Construction Plan for 4,000± feet of roadway.

- Exhibits:
1. Permit Application, dated April 7, 1995, received February 13, 1995.
 2. Construction plans prepared by MSA, dated February 10, 1995, received February 13, 1995.
 3. Construction specifications prepared by MSA, dated February 3, 1995, received February 13, 1995.
 4. Mahtomedi City Council Resolution 95-25 authorizing inclusion of stormwater treatment measures for the current project into the City's 5-year CIP.

- Findings:
1. The project involves construction of 4,040 feet of roadway and associated storm sewers and watermain. Three independent storm sewer systems are to be installed. ✓
 2. Each of the storm sewers discharge directly to White Bear Lake. Two water quality ponds have been specified for construction at the storm sewer outfalls. In the northeasternmost and southeasternmost storm sewer, a sump manhole is to be placed just upstream of the storm sewer outfalls. The City is including the sump catchbasins in the current project but is planning to install a treatment project that provides the same or better treatment provided by a grit chamber. This retrofit treatment plan was approved by the Mahtomedi City Council on May 9, 1995.
 3. The City of Willernie has been approached to see if their Council would be favorable to construction of a stormwater quality pond on their beach access site. The request was denied.
 4. Riprap is specified for placement at each storm sewer outfall.
 5. NWI maps for the area show no wetlands along the project grading boundaries.

Board Action:

TWAFAA
MSP

AJC/ELP

3-2 (BAH, CVR)

total out
5-11-95
pd 5-19-95
#500 fee
5/10/95
JET

Recommendation: Approval.

Location: Baylor Street N.E. to Lexington Avenue, Columbus Township.

T-R-S: 33-22-31, 32, 33, 34

Purpose: Approval of a Pipeline Construction Plan for 5 miles of 20-inch natural gas pipeline.

- Exhibits:
1. Permit Application, dated April 3, 1995, received April 13, 1995.
 2. Project Description Narrative prepared by Applicant, undated, received April 13, 1995.
 3. Project location maps prepared by Applicant, undated, received April 13, 1995.
 4. Stream and wetland crossing procedures and construction specifications prepared by Applicant, undated, received April 13, 1995.
 5. RCWD Permit File 93-131.
 6. Cash surety in the amount of \$3,000, received May 2, 1995.

- Findings:
1. The total project length is 4.83 miles of which 2.37 miles lies within the Coon Creek Watershed District (CCWD). The CCWD has been made aware of the project.
 2. The project parallels an existing pipeline and lies within a utility easement.
 3. The pipeline corridor crosses numerous jurisdictional and DNR Protected Wetlands. BMPs outlined by the Federal Energy Regulatory Commission's "Wetland and Waterbody Construction and Mitigation Procedures" and "Upland Erosion Control, Revegetation, and Maintenance Plan" will be implemented to minimize impact to the environment.
 4. Chapter 116I of the Minnesota State Statutes provides regulations for "pipelines located in the state which [are] used to transport natural or synthetic gas at a pressure of more than 90 pounds per square inch, or to transport crude petroleum or petroleum fuels or oil or their derivatives..." Paragraph 116I.06, subdivision 1, requires a minimum of 4.5 feet of cover where a pipeline crosses the right-of-way of a public drainage facility or county, town, or municipal street or highway, and where the pipeline crosses cultivated agricultural land. However, paragraph 116I.06, subdivision 4 cites that the above regulation does not apply to interstate pipelines subject to safety regulations under the Federal Gas Pipeline Safety act of 1968 (Public Law Number 90-481).
- 

Permit Application No. 95-48: Northern Natural Gas Company

49 CFR Chapter I, ss 192.327 identifies four classes of pipelines which require from 30 inches of cover for Class 1 and 36 inches of cover for Classes 2 through 4, which includes public roads, railroad crossings, and drainage ditches (navigable waters require 48 inches of soil cover). The section goes on to state that the cover must provide adequately for protection of damages to the pipe by external forces.

5. The trenching operation will provide a 1-foot wide trench with a depth sufficient to provide 3 feet (36 inches) of cover, unless land use permits dictate otherwise. This depth is in compliance with federal regulations.
6. WCA Exemption 13 allows for alterations of a wetland associated with the operation, maintenance, or repair of an interstate pipeline within all existing or acquired interstate rights-of-way. This exemption includes construction activities.

During construction, timber mats will be deployed to prevent excessive soils damage by heavy equipment. To minimize wetland disturbance, soils will be separated to ensure organic topsoils are replaced at the surface during the backfill operation. Trench breakers will also be installed to prevent lateral drainage of wetlands along the pipeline casing.

Board Action:

MSP App'l
ATC/CVR 5-0

Permit issued
5-10-95
/BT

5/10/95
EJT

INFO MOVED TO JANE'S REPORT: 4-27-95/BT
LOGGED ACTION 5-3-95/BT
COPIED TO FILES 4-27-95/BT
TYPED ON ATTACHMENTS: /
RICE CREEK WATERSHED DISTRICT

DO

CONSENT AGENDA

APRIL 26, 1995

OFFICIAL
CORRECTED
COPY

It was moved by Cardinal and seconded by
Ryden to approve, ratify, table with authorization for administrative
action, table, or withdraw the Permit Applications noted in the following table of contents in
accordance with the District Engineer's Recommendation, as contained in the Engineer's Report
dated April 21, 1995. 5-0

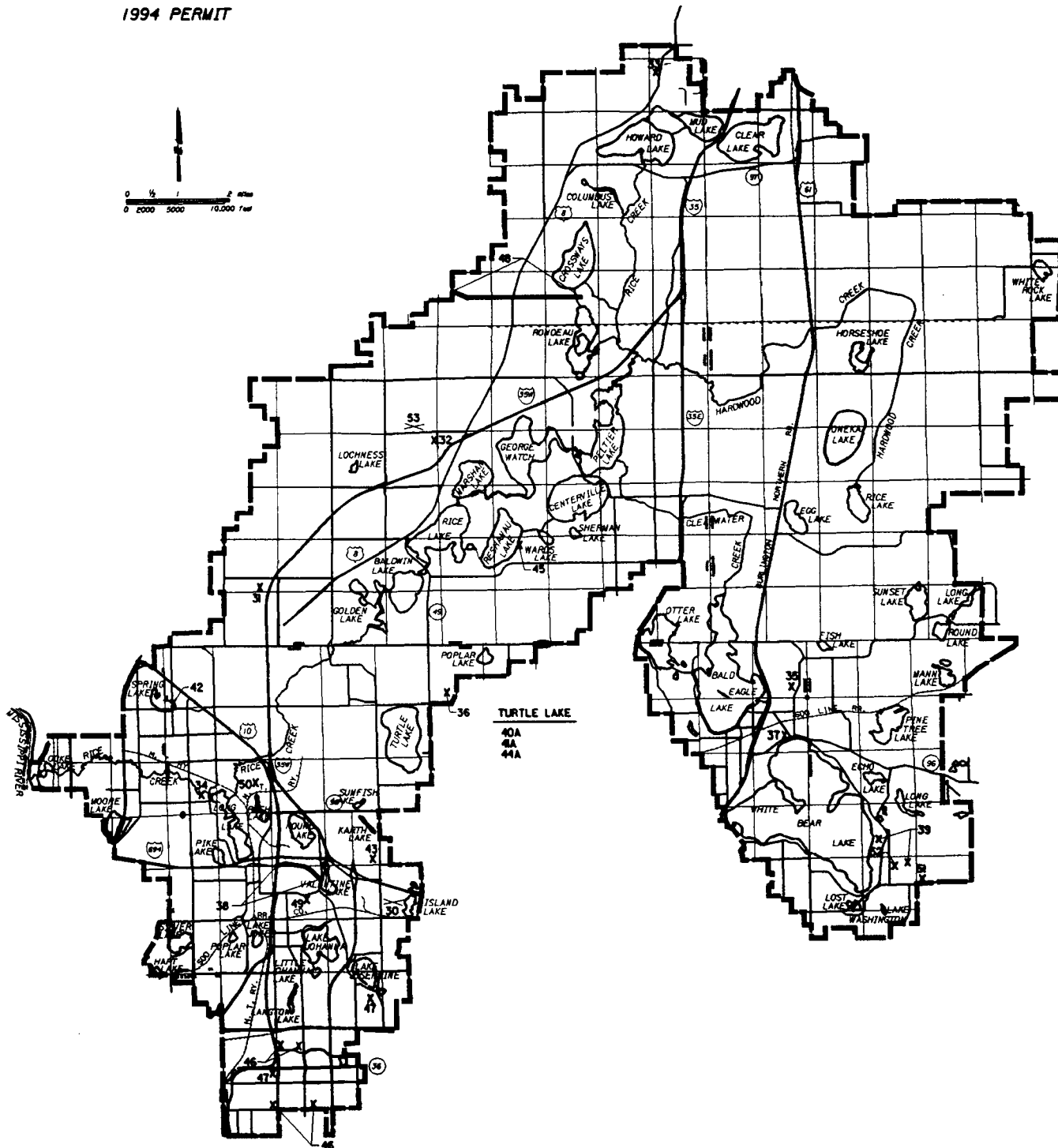
FINAL

2007

COB
COLLECTED
OFFICIAL

DO

RICE CREEK
WATERSHED DISTRICT
1994 PERMIT



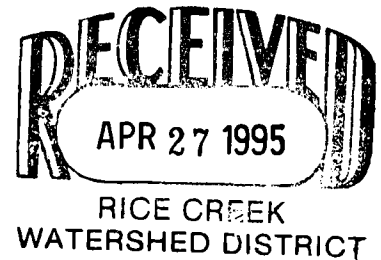
MONTGOMERY WATSON

Wayzata, Minnesota

RICE CREEK WATERSHED DISTRICT

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April 26, 1995



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Agg/CUR 5-0
less all the X outs

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* To be presented

T=46

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1968

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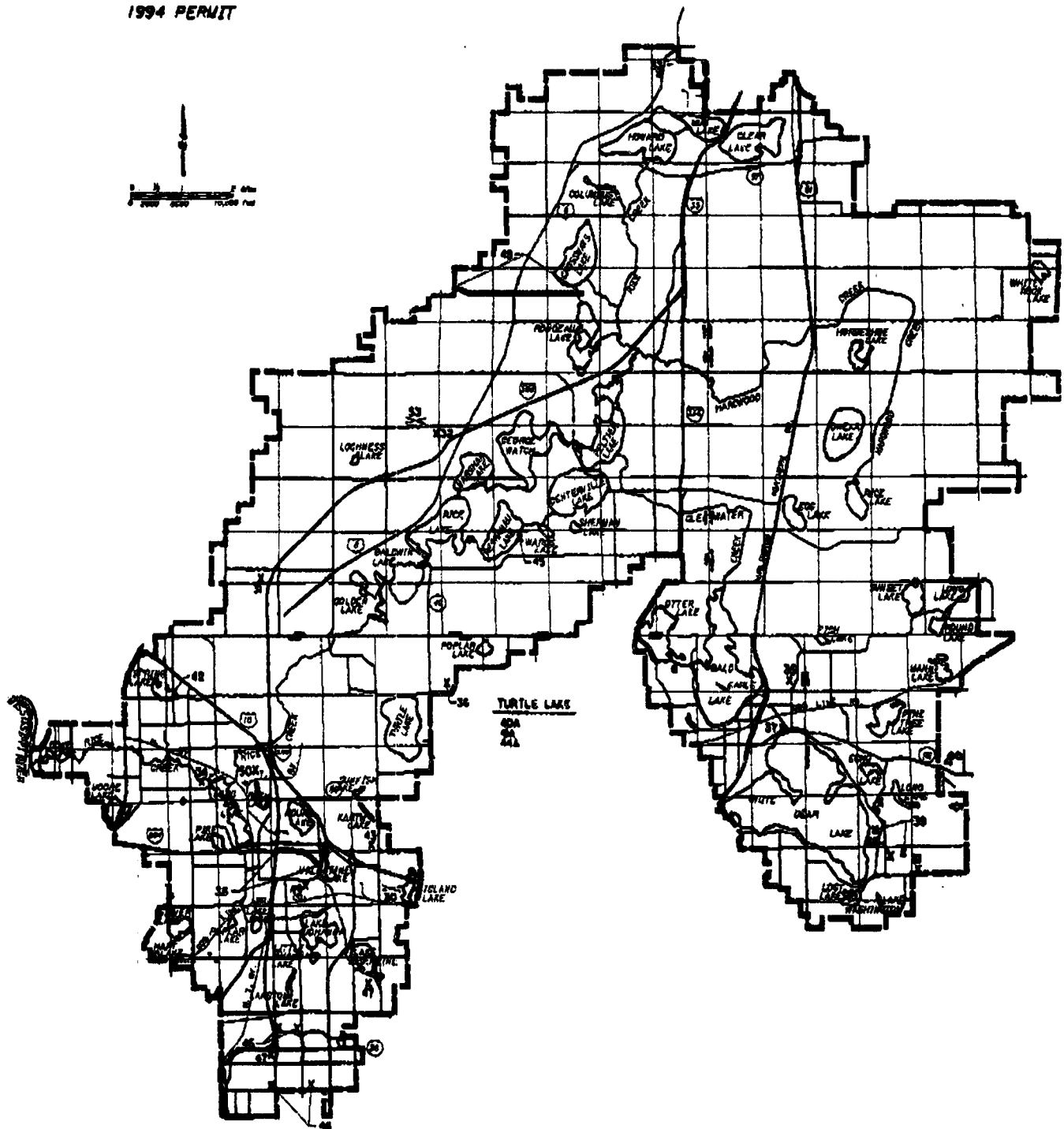
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**RICE CREEK
WATERSHED DISTRICT
1994 PERMIT**



MONTGOMERY WATSON

WYOMING, MINNESOTA

Permit Application No. 93-61: Harstad Companies

WDL

Recommendation: Withdrawal.

Location: South of the intersection of Danube Road and Innsbruck Drive, Fridley.

Purpose: Approval of a Final Site Drainage Plan for construction of single-family residences 2 lots, 0.6± acres.

- Exhibits:
1. Permit Application dated April 14, 1993, received April 15, 1993.
 2. Certificate of Survey prepared by E. G. Rud and Sons, Inc., dated April 25, 1977, received April 15, 1993.
 3. Pre-permit investigation prepared by Peter Fryer, dated April 14, 1993.

- Findings:
1. The pre-permit investigation prepared on April 14 requested information on the delineation of the wetlands and a grading plan, along with easements which would be required over all wetlands, floodplain elevations, and any existing ditches under the authority of the RCWD.
 2. The submitted exhibits consisted of the same information that was sent for the pre-permit investigation. Further information will need to be provided by the Applicant in order to further review this for recommendation to the RCWD.
 3. The application is to be withdrawn due to lack of activity.

Board Action:

Consent
AS/CUR 5-0

fee: \$158⁸⁰

WDL *stat*
Bill

Permit Application No. 93-108: Michelle Ludwig and F.M. Smith

WDL

Recommendation: Withdrawal.

Location: Southwest of the intersection of 117th St. N. and Grenelefe Avenue, Grant Township.

Purpose: Approval of Wetland Alteration Plan for expansion of three wetlands and installation of a driveway culvert.

Exhibits: 1. Permit Application dated June 8, 1993.
2. Proposal by the applicant dated June 9, 1993, received June 10, 1993.
3. Pictures of the site area giving explanation, undated and received June 10, 1993.

Findings: 1. The Applicant has proposed excavating three wetland areas and installing a culvert to increase drainage capabilities for the area.
2. The wetland area at the southernmost end of the property is adjacent to a tennis court. The Applicant proposes to excavate the wetland area to the east of the tennis court and replace the culvert under the existing driveway which currently drains onto the tennis court. The replacement culvert is to have the same invert elevation but will be longer and route flow away from the court area.
3. The Applicant has stated that the DNR has conducted a site visit. There is a DNR Protected Wetland at the rear of the property where excavation is proposed. A DNR Protected Waters Permit will be required for this project.
4. The application is to be withdrawn due to lack of activity.

Board Action: *Consent*
ASC/CVR 5-0

\$149⁰⁰
WDL stat
Bice

Permit Application No. 93-109: Roger Kolstad

WDL

Recommendation: Withdrawal.

Location: Thomas Street and Carl Street W of County Ditch 32-22-10, Lino Lakes.

Purpose: Approval of land development plan for a subdivision to be known as Lino Air Park, 12 lots.

Exhibits: 1. Permit Application dated June 11, 1993.

Findings: 1. The application is to be withdrawn due to lack of activity.

Board Action: *Consent*
Agc/CURS ->

73⁰⁰
stat
WDL Bill

Permit Application No. 93-200: Forest Lake Investment Co.

WDL

Recommendation: Withdrawal.

Location: Northeast quadrant of Fenway Avenue and 180th Street, 1,300± feet north of 180th Street, Forest Lake Township.

Purpose: Approval of a Culvert Construction Plan for a single family residence, 10± acres.

Exhibits: 1. Permit application dated November 29, 1993.

Findings: 1. The application is to be withdrawn due to lack of activity.

Board Action: *Consent c/r 5-2*

\$1,583.00
WDL Stat
Bill

Permit Application No. 94-18: Paul Tubbs and Joselyn LeonhartWDL

Recommendation: Withdrawal.

Location: 1834 Fenway Avenue, Forest Lake Township.

Purpose: Approval of a Land Development Plan and Culvert Construction Plan for construction of a single-family residence, 20± acres.

Exhibits:

1. Permit application, dated January 25, 1994.
2. Wetlands map, prepared by John Anderson for RCWD Permit File No. 93-200, received February 4, 1994.
3. Site sketch map showing general driveway orientation and building site, undated, received February 4, 1994.

Findings:

1. The site is within the subdivision proposed under RCWD Permit Application No. 93-200. The specific lot is immediately south of the site to be developed under RCWD Permit No. 93-200.
2. The minor subdivision containing this site has not been approved by Forest Lake Township.
3. Wetland areas cover approximately 50% of the lot surface area in many small depressions and finger-like extensions. The site plan proposes two culvert crossings with an estimated 400 square feet of wetland fill. The driveway itself winds in between adjacent wetland areas to a building site in the northeast corner on an upland area.
4. The Wetland Conservation Act Permanent Rules Exemption No. 25 allows for "Activities that result in the draining or filling of less than 400 square feet of wetlands."

"This exemption applies if the total wetland loss by draining and filling will be less than 400 square feet per year per landowner, and the cumulative impact by all persons on a wetland over time without replacement after January 1, 1992, does not exceed 5% of the wetlands area."
5. Some wetland fill will be required for construction of the culvert as described in RCWD Permit File No. 93-200. This wetland area is common to both the 93-200 site and the 94-18 site. Preliminary estimates show that filling activities required for the culvert crossings may exceed 5% of the wetland area.
6. The site was the subject of a Pre-Permit Investigation in November 1992. At that time, the extent of the wetlands was unknown. A detailed delineation report was specified as a requirement needed for permit approval, as were legal easements over all wetland areas.
7. The application is to be withdrawn due to lack of activity.

Board Action: *Consent C/R 5-0*

95
file 101
WDL stat/Bull
4/21/95
EJT

Permit Application No. 94-75: Dirk Rehbein

WDL

Recommendation: Withdrawal.

Location: Southeast quadrant of County Road C and Fairview Avenue, Roseville.

T-R-S: 29-23-9 abbb

Purpose: Approval of Land Development, Final Site Drainage, and Wetland Alteration Plans for landscaping for development of a commercial business site, 3± acres.

Exhibits:

1. Permit Application, dated April 12, 1994, received April 13, 1994.
2. Preliminary Grading Plan prepared by Glenn Rehbein Company, dated April 7, 1994, received April 13, 1994.
3. Wetland impact narrative prepared by Dirk Rehbein, dated April 10, 1994, received April 13, 1994.

Findings:

1. Property is bisected by Ramsey County Ditch No. 4. Project proposes minor rerouting of ditch to allow for fill embankment in current ditch alignment.
2. Proposed project involves 0.55± acres of wetland fill. Applicant proposes to mitigate 0.7 acres of wetland on-site. The remaining wetland mitigation will be done at another location in the Watershed District. As yet, no replacement plan has been submitted describing where this area will be.
3. There is no detailed floodplain study for this area. Floodplain calculations for an adjacent site (RCWD Permit File 93-110) give a 100-year floodplain of 916 feet MSL.
4. The application is to be withdrawn due to lack of activity.

Board Action: *Consent C/R 5-0*

*# 247¹⁵
WM Bill
stat
B: Check if
paid*

4/21/95
EJT

Permit Application No. 94-86: Jerry Webb

WDL

Recommendation: Withdrawal.

Location: Northeast quadrant of Tomlyn Avenue and Churchill Street, Shoreview.

T-R-S: 30-23-14 cac

Purpose: Approval of a Final Site Drainage Plan for construction of a commercial development to be known as Midwest Sports Marketing, 2± acres.

Exhibits:

1. Permit Application, dated May 11, 1994, received May 12, 1994.
2. Pond Size Worksheet prepared by Ken Gust Enterprises, dated May 11, 1994, received May 12, 1994.
3. Site Plan prepared by Lampert Architects, dated April 13, 1994, received May 12, 1994.
4. RCWD Permit File 92-60.

Findings:

1. NWI maps show a Type PEMC wetland on the northwest corner of the property. DNR Protected Waters show this wetland as 62-59P.
2. The floodplain for the area as specified by the Shoreview Comprehensive Stormwater Management Plan is 892.8. The lowest proposed floor is 913.5.
3. RCWD Permit 92-60 is for the site immediately to the west of this proposed project.
4. This application is to be withdrawn due to lack of activity.

Board Action: *Consent c/r 5-0*

*#141-90
WDL Bill
STAY*

4/21/95
EJT

Permit Application No. 94-121: Richard A. Carron and Darrel Hanson

TAB

Recommendation:

405-10-95 mtg
Table pending receipt of:

1. Revised Erosion Control Plan incorporating a temporary sedimentation basin on the north property edge.
2. Revised Grading Plan showing limits of grading and minimal loss of tributary drainage area to on-site wetlands and no disruptions of on-site drainage paths, or wetland replacement plan application.

Location: 14000 Irish Avenue, Hugo.

T-R-S: 31-21-22 da

Purpose: Approval of a Rough Grading Plan for a gravel mining operation.

- Exhibits:
1. Permit Application, dated June 17, 1994, received June 24, 1994.
 2. Rough Grading Plan prepared by Bruce A. Folz and Associates, dated February 14, 1994, received June 23, 1994.
 3. Delineation Report prepared by Washington County Soil Conservation District, dated September 13, 1994, received October 24, 1994.
 4. Erosion and Sediment Control Plan prepared by Sunde Engineering, dated February 21, 1995, received March 21, 1995.
 5. Cash surety in the amount of \$1,000, received March 22, 1995.

- Findings:
1. Proposed project involves an extensive cut and fill operation for grading of a residential development. Permit will allow grading activity and removal of excess fill for sale off-site.
 2. The Grading Plan outlines several wetlands on-site. All wetland impacts through filling or direct draining have been avoided. However, it appears that the tributary areas for each of the wetlands has been significantly reduced.

Board Action:

MSP
BAH/AJC S - 0

Stat

4/21/95
EJT

C. W. Houle
Permit Application No. 94-145: Successful Bidder, White Bear Township

RAT

Recommendation: Ratification of administrative approval.

Location: 5701 Portland Avenue, White Bear Township.

T-R-S: 30-22-1 ddca

Purpose: Approval of a Utility and Roadway Construction Plan for a residential development known as Parkview Village, 36 lots, 45± acres.

Exhibits: 1. Permit Application, unsigned, undated.
2. Utility and Roadway Construction Plans prepared by TKDA, dated June 24, 1994, received August 17, 1994.
3. RCWD Permit File 93-207. ✓

Findings: 1. Proposed project involves construction of roadway for the Parkview Village residential development (RCWD Permit 93-207).
2. The project follows the plan outlined in RCWD Permit 93-207.
3. There are wetland impacts associated with this project as storm sewers will outlet directly to wetland areas. However, these impacts have been addressed in the 1993 Permit Application.
4. RCWD Permit 93-207 stipulated that the south pond area (the altered wetland area that the storm sewers outlet to) must be completed prior to any other site grading. This needs to be verified.
5. This permit has been granted "after-the-fact." The contractor completed the work without receiving an RCWD permit. Inspector Eklin performed a site visit and determined that the project had been satisfactorily completed.

Board Action: *Consent c/r 5-0*

Iss'd 3/95

4/21/95
EJT

Permit Application No. 94-148: Wayne Aszmann

WDL

Recommendation: Withdrawal.

Location: 6909-141st Avenue, Columbus Township.

T-R-S: 32-22-28 cddd

Purpose: Approval of a Final Site Drainage Plan for construction of a pole shed, 14.5 acres.

- Exhibits:
1. Permit Application, dated August 30, 1994, received September 1, 1994.
 2. Pre-Permit File prepared by Pete Fryer, dated September 19, 1992.
 3. RCWD Permit 91-37.
 4. RCWD Permit 92-74.

- Findings:
1. The 100-year floodplain for this area is 903.0 as determined by Tom Hovey, DNR, and cited in RCWD Permit 91-37.
 2. NWI maps for the area show a Type PEMF (IV) wetland occupying 80% of the site. RCWD Permit File 92-74 for the site adjacent to the west of this property states that wetlands in the vicinity exist to elevation 905.0. If the Applicant avoids building in wetland areas, avoidance of fill placed in floodplain will also be achieved.
 3. The Applicant has submitted no building location or erosion control plan at this time.
 4. Cash surety value based on amount required in past actions for similar projects in this area.
 5. Field inspection by District Administrator confirms that building site as staked avoids wetlands.
 6. This application is to be withdrawn due to lack of activity.

Board Action: *Consent C/R 5-0*

feelpd
WDL stat
Bill

4/21/95
EJT

Permit Application No. 94-151: Molin ConcreteAPP

Recommendation: Approval.

Stipulation: Fill and debris in wetland on east side of site must be removed before the cash surety will be returned.

Location: 415 Lilac Street, Lino Lakes.

T-R-S: 31-22-8 cccc

Purpose: Approval of a Final Site Drainage Plan for construction of an outlet to a detention pond serving a 3.8-acre site.

- Exhibits:
1. Permit Application, dated September 6, 1994, received September 16, 1994.
 2. Drainage Plan prepared by Charles W. Plowe, dated September 12, 1994, received September 12, 1994.
 3. Calculations for 1- and 100-year runoff and ponding volumes prepared by Charles W. Plowe, last revised September 11, 1994, received September 22, 1994.
 4. RCWD Comprehensive Stormwater Plan 84C12.
 5. Cash surety in the amount of \$1,000, received March 17, 1995. ✓

- Findings:
1. The proposed project calls for creation of an outlet to a small ponding area to the north of an industrial site. The industrial site was planned and approved as described in RCWD File 84C12. Under this plan, the small ponding area in question is used as a stormwater pond whose outlet was never constructed.
 2. The current submission for the pond outlet control weir has been confirmed to match the design approved in 1984.
 3. NWI maps for the area identify no wetlands in the project vicinity.
 4. Since the project entails only the construction of an outlet structure, there will be no site grading or erosion control measures required.
 5. The cash surety value is based upon the need to remove the illegal wetland fill.

Board Action: Consent 4/15/95

Jeer p.d.
issue a permit

BT has keyed
4-20-95

4/21/95
EJT

Permit Application No. 94-159: Kurt Manufacturing Company

WDL

Recommendation: Withdrawal.

Location: 7585 Viron Road N.E., Fridley.

T-R-S: 30-24-12 babc

Purpose: Approval of a Final Site Drainage Plan for expansion of an existing industrial site, 11.3± acres.

- Exhibits:
1. Permit Application, dated September 13, 1994, received September 14, 1994.
 2. Grading, Drainage, Utility, and Erosion Control Plan prepared by Putnam Consultants, PA, dated September 14, 1994, received September 14, 1994.
 3. Calculations for 1- and 100-year runoff and ponding volumes prepared by Putnam Consultants, PA, dated September 1, 1994, received September 14, 1994.

- Findings:
1. Proposed project involves expansion of an existing building and parking lot. An on-site pond has been added to treat increased runoff from the site.
 2. NWI maps from the area show no wetlands on site.
 3. Erosion control in the form of silt fence, bale checks, rock construction entrances, and riprap at storm sewer outfalls have been specified.
 4. The application is to ^{be}~~now~~ withdrawn due to lack of activity.

Board Action: *Consent c/p 5-0*

WDL Bill
STAT

4/21/95
EJT

Permit Application No. 94-188: Ken CarpenterWDL

Recommendation: Withdrawal.

Location: 6885-20th Avenue S., Centerville.

T-R-S: 31-22-23 ddba

Purpose: Approval of a Culvert Construction Plan for installation of two culverts along the original alignment of Anoka County Ditch 47.

- Exhibits:
1. Permit Application, dated November 9, 1994, received November 9, 1994.
 2. Project Sketch Plan prepared by Application, undated, received November 9, 1994.
 3. RCWD Permit Files 86-18 and 87-20.

- Findings:
1. There has been some fill placed recently in an unpermitted action. The current application should be expanded to include this "after-the-fact." The Applicant's site survey should include estimation of the quantity of this new fill.
 2. The project site is located immediately south of the site developed under RCWD Permit 87-20 and north of the site developed under RCWD Permit 86-18.
 3. The Applicant is proposing placement of two culverts along the original alignment of County Ditch 47. The ditch has been rerouted to flow to the southwest of this reach.
 4. FIS maps show the Applicant's entire property to be within 100-year floodplain of 906.0.
 5. NWI maps for the site show several small Type III (PEMC) and Type V (PUBF) wetlands on site which follow the original ditch alignment.
 6. To complete this project, the Applicant will have to place fill in the floodplain and probably in a wetland area. If the fill is less than 400 sq ft, it will be exempt under the Wetland Conservation Act. The Applicant has performed a major (unpermitted) excavation project in the early 1980s which created a 10,000± sq ft pond area along County Ditch 47, as evidenced by aerial photos.
 7. This application is to be withdrawn due to lack of activity.

Board Action: *Consent C/R 5-0*

stat
WDL Bill
476²⁰

4/21/95
 EJT

Permit Application No. 94-193: James Steele Construction Co.

RAT

Recommendation: Ratification of administrative approval.

Location: Northwest quadrant of 74th Street and Highway 49, Lino Lakes.

T-R-S: 31-22-18 aabd

Purpose: Approval of a Final Site Drainage Plan for construction of a new housing facility within the Anoka County Adult Correctional Facility.

- Exhibits:
1. Permit Application, unsigned, dated November 17, 1994.
 2. Grading, Drainage, and Erosion Control Plan prepared by Clark Engineering, dated November 29, 1994, received December 1, 1994.
 3. RCWD Permit File 91-54.
 4. Cash surety in the amount of \$500, received April 13, 1995. ✓

- Findings:
1. The proposed project is for construction of a 15,000 sq ft housing facility which was included in the plan approved under RCWD Permit 91-54.
 2. All drainage is overland to Anoka County Ditch 10-22-32 or an on-site detention pond. The detention pond has been designed to facilitate this new building.
 3. There are no wetland impacts associated with this project.

Board Action:

Consent C/R 5-0

*fees pd
Issued 4-14-95*

4/21/95
EJT

Permit Application No. 95-14: Dick DunsmoreRAT

Recommendation: Ratification of administrative approval.

Location: 17054 Kettle River Boulevard, Columbus Township (sta 54+10, Anoka County Ditch 31).

T-R-S: 32-21-12 bcca

Purpose: Approval of a Culvert Construction Plan for replacement of a timber bridge with a culvert crossing within the main branch of Anoka County Ditch 31.

- Exhibits:
1. Permit Application dated February 13, 1995, received February 14, 1995.
 2. Project Sketch Plan, undated, received February 14, 1995.
 3. Inspection Report for Anoka County Ditch 31, prepared by Montgomery Watson, dated June 21, 1994.
 4. Erosion Control Plan prepared by Applicant, dated March 23, 1995, received March 27, 1995. ✓
 5. Cash surety in the amount of \$500, received March 27, 1995.

- Findings:
1. Applicant wishes to replace a crossing which was disturbed by the County Ditch 31 maintenance project. The 1994 inspection report identified the timber bridge as in poor condition.
 2. The specific size and invert elevation for the culvert was determined by the official profile of County Ditch 31 as identified in ~~the~~ county Ditch 31 inspection report. ~~THE~~
 3. To prevent future erosion problems, the sideslopes of the embankments covering the culvert will be no more than 2:1 and should be covered by either a fiber blanket, staked side, or property-sized riprap. The District Inspector will be on-site during the construction of the crossing.

STIPULATIONS :

1.

2.

3.

AS BEFORE & ON PERMIT

4/21/95
EJT

Permit Application No. 95-14: Dick Dunsmore

4. The typical cash surety for a driveway crossing for a public ditch is \$1,000. This amount has been reduced to \$500 because this crossing will be a smaller crossing used primarily as a foot path.

Board Action: *Consent c/r 5-0*

Issued 3-29-95

4/21/95
EJT

*Northdale Constr.*Permit Application No. 95-15:

Successful Bidder, City of Mahtomedi

TWAFAA

Recommendation:

Table ~~and other information submitted in connection with~~ pending receipt of:

1. Resolution of Willernie Beach access ponding proposal.

2. Signed Permit Application. — *rec'd 4-7-95*

3. Cash surety in the amount of \$3000.

Location: Wildwood and Park Avenue between Hickory and Wildwood Beach Road, Mahtomedi.

T-R-S: 30-21-29 b and c

Purpose: Approval of a Roadway Construction Plan for 4,000± feet of roadway.

Exhibits: 1. Permit Application, unsigned, undated, received February 13, 1995. *+ Signed 4-7-95*

2. Construction plans prepared by MSA, dated February 10, 1995, received February 13, 1995.

3. Construction specifications prepared by MSA, dated February 3, 1995, received February 13, 1995. ✓

Findings: 1. The project involves construction of 4,040 feet of roadway and associated storm sewers and watermain. Three independent storm sewer systems are to be installed.

2. Each of the storm sewers discharge directly to White Bear Lake. Two water quality ponds have been specified for construction at the storm sewer outfalls. In the northeasternmost and southeasternmost storm sewer, a sump manhole is to be placed just upstream of the storm sewer outfalls.

3. Riprap is specified for placement at each storm sewer outfall.

4. NWI maps for the area show no wetlands along the project grading boundaries.

Board Action:

*MSP Table
BAM/ASC5-0**stat*
APR 27 19954/26/95
EJT

Permit Application No. 95-16: Ron Barett

RAT

Recommendation: Ratification of administrative approval.

Location: South of Peltier Lake Drive, 1,250 feet northeast of intersection of Peltier Lake Drive and CSAH 14, Centerville.

T-R-S: 31-22-15 ddaa

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence, 0.33± acres.

- Exhibits:**
1. Permit Application dated February 24, 1995, received February 24, 1995.
 2. Site plan prepared by Blake Rivard, dated February 15, 1995, received February 24, 1995.
 3. RCWD Permit Files 90-75, 91-130, 92-76, 93-80, 94-169.
 4. A cash surety in the amount of \$250, received March 27, 1995.

- Findings:**
1. Site is located on south side of Peltier Lake Drive. Peltier Lake is approximately 200 feet north of site.
 2. The proposed lowest floor elevation is 902.0, 15 feet above the 100-year floodplain of Peltier Lake (887.0).
 3. The setback for Peltier Lake is 150 feet as it has Natural Environment classification.
 4. NWI maps show the site to be adjacent to a Type II (PEMB) wetland. The wetland does not appear to exist within the Applicant's property boundary.
 5. Erosion control silt fence is to be placed along the eastern property edge downslope of all graded areas.

Board Action: *Consent C/R 5-0*

Issued 3-28-95

4/21/95
EJT

Permit Application No. 25-20: Forest Lake Kingdom Hall

RAT

Recommendation: Ratification of administrative approval.

Location: Northeast quadrant of Highway 61 and 190th Street North, Forest Lake Township.

T-R-S: 32-21-29 dddc

Purpose: Approval of a Final Site Drainage Plan for construction of a church and parking lot, 5.8± acres.

Exhibits: 1. Permit Application dated March 3, 1995, received March 8, 1995.
2. Grading, Drainage, and Erosion Control Plan prepared by R. Nelson, last revised April 4, 1995, received April 5, 1995.
3. Drainage calculations prepared by R. Nelson, dated March 2, 1995, received March 9, 1995.
4. Cash surety in the amount of \$1,000, received April 7, 1995.

Findings: 1. The Grading Plan indicates three wetlands on site. This is confirmed by NWI maps for the area. The wetlands were identified by the Washington County Conservation District but have not been staked in the field. According to the Grading Plan, grading activities will occur very close to the boundaries of two of the wetlands. To avoid any unintentional impact, these boundaries will need to be staked prior to construction. ✓
2. The lowest floor of the church will be 950.0, over 30 feet above the nearest floodplain and 6.8 feet above the 100-year elevation of the on-site stormwater pond.
3. Rate control of water quality concerns for site runoff are addressed by a small on-site detention pond. The developed condition actually reduces off-site peak flows for the 100-year storm by 30% over existing conditions.
4. Adequate permanent pool volume is specified for water quality concerns.

Board Action:

Consent C/R 5-0

Issued 4-20-95

4/21/95
EJT

Permit Application No. 95-24: Gor-Em LLC

TWAFAA

Recommendation: Table with authorization for administrative action pending:

- ① Fulfillment of WCA public notice requirements.
- ② ~~RCWD Board/Administrator discussion on wetland impact avoidance/WCA sequencing/Anoka Conservation District letter.~~
- ③ ~~RCWD Board/engineer discussion on flood level increase for area.~~

~~RCWD Board/Administrator discussion on wetland impact avoidance/WCA sequencing/Anoka Conservation District letter.~~

- ② ~~44~~. Receipt of cash surety in the amount of \$21,500.

Location: Southeast quadrant of Cedar Street and Otter Lake Road, Lino Lakes.

T-R-S: 31-22-25 accc

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development to be known as Clearwater Creek, 161 lots, 113± acres. *Phase I + II*

- Exhibits:
1. Permit Application February 27, 1995, received March 9, 1995.
 2. Wetland Delineation Report prepared by Wetlands Engineering Technology, dated June 3, 1994, received March 9, 1995.
 3. WCA Wetland Replacement Application, dated March 9, 1995, received March 9, 1995.
 4. Preliminary plat prepared by Midwest Land Surveyors and Civil Engineers, last revised March 16, 1995, received March 16, 1995.
 5. Development Concept Plan prepared by Midwest Land Surveyors, dated November 3, 1994, received March 28, 1995.
 6. Subwatershed drainage map prepared by Midwest Land Surveyors and Civil Engineers, dated March 16, 1995, received March 16, 1995.
 7. Drainage calculations prepared by Midwest Land Surveyors and Civil Engineers, last revised April 17, 1995, received April 17, 1995.
 8. Grading Plan prepared by Midwest Land Surveyors and Civil Engineers, last revised March 16, 1995, received March 16, 1995.

[Handwritten signatures and notes]

4/21/95
EJT

1. The first part of the document is a list of the names of the persons who were present at the meeting.

2.

The second part of the document is a list of the names of the persons who were present at the meeting.

Permit Application No. 95-24: Gor-Em

9. Mitigation Plan prepared by Midwest Land Surveyors and Civil Engineers, dated March 9, 1995, received March 9, 1995.
10. Letter of response to WCA notifications prepared by Anoka Conservation District, dated April 11, 1995, received April 11, 1995.

1. The site is approximately 30% wetland. The Applicant proposes placement of fill in three wetland areas which will impact a total area of ~~4.4~~ acres. A 2:1 replacement ratio is proposed. All replacement wetlands will be on site. The Anoka Conservation District has suggested that complete avoidance of wetlands is possible with loss of only two lots. ~~Minimum wetland avoidance~~
2. Stormwater treatment for the north and central portions of the site is achieved through use of three ponds which have dead storage designed according to District standards. The ponds/wetlands are connected by a branch of Anoka-Washington Judicial Ditch 3.
3. The project proposes placement of a 300-foot long, 36-inch RCP culvert in Branch 4 of Anoka-Washington Judicial Ditch 3 at approximately sta 8+60. Branch 4 joins the main ditch near sta 105+00 at elevation 899.0. The culvert at 35-W upstream of the proposed crossing has a downstream invert of 908.9. Branch 4 is approximately 6,300 feet long with an average slope of 0.0016 ft/ft. Using this approximate slope, the centerline invert of the proposed culvert should be 907.5. The Grading Plan has been revised to show the culvert placed at the proper elevation.
4. The detention ponds provide adequate rate control for the developed project when compared to existing conditions. Peak discharges through Clearwater Creek are reduced by 3% for both the 1- and 100-year rainfall events.
5. The total volume of runoff from the developed condition is increased by 1.6 ac-ft for a 1-year storm and 5.4 ac-ft for a 100-year storm. The 100-year flood elevation within the development upstream of Street A will be raised 0.7 feet to 912.4. The 100-year elevation at the eastern property boundary will be raised 0.2 feet to 911.5. The 100-year elevation in the large wetland east of the project will be raised 0.1 foot to 908.4.
6. The lowest floor elevation for the site is 917.0. The 100-year elevation per Hugo FIS is 913.0. Per the RCWD Flood Profile Study, the 100-year elevation of Clearwater Creek is 910.5 at this location.
7. The cash surety was determined by grading (3,000 + \$200/acre over 10) and wetland replacement (500 + \$10,000/acre) requirements.

MSP Twaafa ~~_____~~ A/CVR 4-1(BAH)

stat

4/21/95
EJT

Permit Application No. 95-25: Hokanson Development Co.

TAB

Recommendation: Table ~~of the following information~~ pending receipt of:

1. Hydrologic/hydraulic summary or schematic diagram outlining existing and proposed subwatersheds and peak discharge rates.
2. Fulfillment of WCA public notification requirements.
3. ~~Resolution of EAW proceedings~~
4. Cash surety in the amount of \$5,000. *EAW Proceedures*

Location: Northwest and southwest quadrants of Holly Drive and 12th Avenue, Lino Lakes.

T-R-S: 31-22-28, 33

Purpose: Approval of a Final Site Drainage Plan for a single family residential development to be known as Trappers Crossing, 121 lots, 73.5± acres.

- Exhibits:
1. Permit Application dated March 9, 1995, received March 9, 1995.
 2. Wetland Delineation Re-Evaluation Report prepared by Lori Marco, dated April 25, 1994, received March 9, 1995.
 3. Hydraulic calculations, unsigned, dated February 26, 1995, received March 9, 1995.
 4. Preliminary plat prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
 5. Grading, Erosion Control, and Wetland Alteration Plans prepared by Paramount Engineering, last revised April 9, 1995, received April 14, 1995.
 6. WCA wetland replacement plan application prepared by Hokanson Development, undated, received April 18, 1995.
 7. RCWD Permit Files 93-213 and 94-114.

- Findings:
1. Applicant has submitted a new application for an action which is actually a continuation of RCWD Permit 94-114. Because Permit 94-114 has been inactive for nine months, a new application has been submitted for review under the new fee structure.
 2. The Applicant is proposing a total of approximately 8,500 sq ft of wetland impact for two wetland fill activities. An on-site mitigation area of 15,000 sq ft is proposed.

4/21/95
EJT

Permit Application No. 95-25: Hokanson Development Co.

3. A detailed Erosion Control Plan including silt fence, rock construction entrances, and bale checks at storm sewer catchbasins and riprap at storm sewer outfalls has been specified.

Board Action:

MSP

Table

AGC/CVR5-0

Stat

4/21/95
EJT

Permit Application No. 95-26: Ballinger Enterprises

RAT

Recommendation: Ratification of administrative action *approval*

Location: 1920 west County Road C, Roseville.

T-R-S: 29-23-9 baaa

Purpose: Approval of a Final Site Drainage Plan for construction of an industrial facility, 2.6± acres.

- Exhibits:
1. Permit Application dated March 8, 1995, received March 9, 1995.
 2. Grading and Drainage Plan prepared by Stevens Engineering, dated December 23, 1994, received March 9, 1995.
 3. Drainage calculations prepared by Stevens Engineering, dated March 8, 1995, received March 9, 1995.
 4. RCWD Permit Files 94-50 and 94-120. ✓
 5. Cash surety in the amount of \$500, received March 31, 1995.

- Findings:
1. The project is located in the southeast drainage area of the Langton Lake subwatershed. RCWD Permit 94-50 approved a Drainage Plan which was for construction of two stormwater ponds at Twin Lakes Parkway and Langton Lake. These ponds were sized to treat runoff from the southeast region. There are no runoff rate or water quality issues for this site which have not been addressed under the 1994 permit.
 2. The Applicant has submitted a satisfactory Erosion Control Plan.

Board Action: *Consent 4/25-0*

Issued 3-31-95

4/21/95
EJT

Permit Application No. 95-29: Robert Lendway

RAT

Recommendation: Ratification of administrative approval.

Location: 5699 Turtle Lake Road, Shoreview.

T-R-S: 30-23-1 caac

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for subdivision of two 1.4± acre lots from a 4.7-acre parcel.

- Exhibits:
1. Permit Application dated March 10, 1995, received March 10, 1995.
 2. Wetland Delineation Report prepared by Professional Engineering Consultants, dated October 21, 1994, received March 9, 1995.
 3. Letter to City of Shoreview requesting WCA Exemption 25 (deminimus) for wetland fill of 400 sq ft, prepared by Professional Engineering Consultants, dated February 13, 1995, received March 9 1995.
 4. Grading Plan prepared by Carley Torgerson Land Surveyors, dated March 7, 1995, received March 9, 1995. ✓
 5. Erosion Control Plan prepared by Applicant, dated March 24, 1995, received March 24, 1995.
 6. Cash surety in the amount of \$500, received March 24, 1995.

- Findings:
1. The proposed project will result in negligible impact on discharge rates and water quality due to its small size.
 2. 400 sq ft of wetland will be filled to allow a slightly larger, more uniform backyard for one of the new homes. WCA Exemption 25 will allow this.

Board Action: *Consent C/R 5-0*

Issued 3-30-95

4/21/95
EJT

Permit Application No. 95-30: Successful Bidder, Ramsey County Parks TWAFAA

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

1. Wetland Delineation Report.
2. Quantification of wetland impacts.
3. Signed Permit Application.
4. Cash surety in an amount to be determined.
5. *Permit fee in amount of \$ _____.*

Location: Southeast quadrant of Lexington Avenue and Island Lake Avenue, Shoreview.

T-R-S: 30-23-26 c and d

Purpose: Approval of a Pedestrian/Bicycle ^{path} Construction Plan, 3,300± linear feet.

Exhibits: 1. Permit Application, unsigned, dated March 23, 1995, received March 23, 1995.

2. Construction Plans prepared by Ramsey County Parks and Recreation Department, dated March 20, 1995, received March 23, 1995. ✓

3. Project narrative, prepared by Ramsey County Parks and Recreation Department, dated March 23, 1995, received March 23, 1995.

Findings: 1. The proposed project involves construction of a 7-foot wide bituminous pathway between Lexington Avenue and Island Lake.

2. NWI maps for the area show six small wetlands in the project vicinity. No detailed Delineation Report has been received yet.

3. The project will include a 60-foot floating walkway across a wetland area. It is unclear if wetland fill will be required for this.

4. An Erosion Control Plan consisting of silt fence, filter fabric, seed and mulch, and riprap has been outlined for the project.

Board Action: *Consent C/R 5-2*

Stat/Bill
APR 27 1995

4/21/95
EJT

Permit Application No. 95-31: Successful Bidder, City of Blaine

TWAFAD

Recommendation: Table ☐ WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION
pending receipt of:

~~that the project is not in compliance with the requirements of the RCWD Permit 94-128 and that the project is not in compliance with the requirements of the RCWD Permit 94-128 and that the project is not in compliance with the requirements of the RCWD Permit 94-128.~~

~~that the project is not in compliance with the requirements of the RCWD Permit 94-128 and that the project is not in compliance with the requirements of the RCWD Permit 94-128 and that the project is not in compliance with the requirements of the RCWD Permit 94-128.~~

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~~that the project is not in compliance with the requirements of the RCWD Permit 94-128 and that the project is not in compliance with the requirements of the RCWD Permit 94-128 and that the project is not in compliance with the requirements of the RCWD Permit 94-128.~~

1. Signed Permit Application.

2. Cash surety in the amount of \$4,000.

Location: Bataan Street N.E., 93rd Avenue N.E., Jamestown Street N.E., Blaine.

T-R-S: 31-23-27, 34

Purpose: Approval of a Roadway Construction Plan for three separate streets, 3,956± feet.

- Exhibits:
1. Permit Application, unsigned, dated March 17, 1995, received March 24, 1995.
 2. Construction Plans prepared by the City of Blaine, dated March 16, 1995, received March 24, 1995.
 3. Construction specifications prepared by the City of Blaine, dated March 16, 1995, received March 24, 1995.
 4. RCWD Permit File 94-128.

- Findings:
1. The project proposes construction of four sections of storm sewer. Three of the sections (93rd Street N.E. west of Bataan Street N.E., Bataan Street N.E. north of 93rd Avenue, and Jamestown Street N.E. north of 93rd Street N.E.) drain to an existing storm sewer which outlets to Anoka-Ramsey JD-1 at 93rd Avenue N.E. as approved by RCWD Permit 94-128. The fourth system, at the north end of Bataan street N.E., outlets to a proposed sedimentation basin and then to a neighboring wetland.
 2. There are numerous Type III (PEM) wetlands in the project vicinity. The project proposes placement of five storm sewer outlets for wetlands adjacent to the roadway. There is no information provided to assure that the proposed outlets are equal to or above the existing runout elevations.

4/21/95
EJT

Permit Application No. 95-31: Successful Bidder, City of Blaine

3. The storm sewer at the north end of Bataan Street will outlet to a ditch to be constructed as part of this project. The ditch actually consists of three segments divided by a proposed treatment basin and a wetland. A total length of 900± feet of ditch will be constructed.
4. The treatment basin will have an estimate dead storage of ^{0.06} ~~0.07~~ acre-feet, with a maximum depth of 1.5 feet. The volume of storage ~~should be equal to the runoff from 2.5 acres of rainfall over the tributary area. The permanent pool should also be a minimum of 1.5 feet deep.~~ EXCEEDS DISTRICT REQUIREMENTS. HOWEVER, THE POND IS DESIGNED AS A DRY POND TO PREVENT CREATION OF OPEN WATER WITHIN THE AIRPORT PROPERTY. ~~ENSURING~~ THE POND WILL BE DRY BECAUSE IT IS LOCATED ABOVE THE LOCAL WATER TABLE; THERE WILL STILL BE 1.5 FT OF DEPTH BELOW THE OUTLET.

Board Action:

MSP Twafag
Agc/RMH 5-0

Stat

4/21/95
EJT

NOTE
IN FILE
TWAEAA

Permit Application No. 95-32: Successful Bidder,
Anoka Correctional Facility

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

1. Signed Permit Application.
2. Cash surety in the amount of \$2,000.

Location: Northwest quadrant of 74th Street and Highway 49, Lino Lakes.

T-R-S: 31-22-18 aabd

Purpose: Approval of a Final Site Drainage Plan for construction of an addition to an existing housing facility and a new housing facility within the Anoka Correctional Facility.

- Exhibits:
1. Permit Application, unsigned, undated, received March 21, 1995.
 2. Grading, Utility, and Erosion Control Plans prepared by Bakke, Koppe, Ballou, and McFarlin, undated, received March 21, 1995.
 3. Drainage calculations prepared by Bakke, Koppe, Ballou, and McFarlin, dated January 3, 1995, received March 16, 1995.
 4. RCWD Permit Files 91-54 and 94-193.

- Findings:
1. The project involves construction of a new 40,000 sq ft housing facility and a small addition to an existing housing facility. Stormwater discharge will be treated/controlled through use of two new ponding areas immediately east and west of the proposed new building. The ponds will act as infiltration ponds during a 1-year rainfall. For the 100-year event, the ponds will overflow at elevation 899.8 to Anoka County Ditch 10-22-32.
 2. There are no wetland impacts associated with this project.
 3. The 100-year elevation of the ponds is 899.8 (overflow). The lowest floor elevation is to be 901.8.

Board Action:

Consent C/R 5-0

Star/Bill
APR 27 1995

4/21/95
EJT

Permit Application No. 95-33: James Collar

TWAFAA

Recommendation:

Approval
~~Table with authorization for administrative action pending receipt~~
of:

~~1. Signed Permit Application.~~

- Stipulations:
1. The culvert shall be of a diameter no less than 36 inches and shall be placed at a centerline invert of 893.6.
 2. The culvert shall be of a length sufficient to allow a minimum of 2:1 sideslopes for crossing embankments.
 3. The crown of the ditch crossing shall be no more than 0.5 feet above the surrounding ditch banks.

Location: 17108 Kettle River Boulevard, Columbus Township. ✓

T-R-S: 32-21-12 bcdb

Purpose: Approval of a Culvert Construction Plan for replacement of a culvert/timber bridge with a culvert crossing within the Main Branch of Anoka County Ditch 31.

Exhibits: 1. Permit Application, *dated 4-2-95, rec'd w/ signature on 4-19-95*
~~unsigned and undated.~~

2. RCWD Permit File 95-14.

Findings:

1. Applicant wishes to replace a crossing which was disturbed by the County Ditch 31 maintenance project. The 1994 Ditch Inspection Report identified the existing crossing as in very poor condition.
2. The specific size and invert elevation for the culvert was determined by the official profile of County Ditch 31 as identified in the 1994 Inspection Report.
3. To prevent future erosion problems, the sideslopes of the embankments covering the culvert should be no more than 2:1 and should be covered by a fiber blanket, staked sod, or properly sized riprap.

Board Action: *Consent 4/15-0*

issue a permit

4/21/95
EJT

Permit Application No. 95-34: Northern States Power Co.

WDL

Recommendation: Withdrawal.

Location: Rice Creek at Mississippi Street, New Brighton.

T-R-S: 30-23-18 dbaa

Purpose: Approval of a gas pipeline crossing of Rice Creek.

- Exhibits:
1. Permit Application, dated March 28, 1995, received March 30, 1995.
 2. Site location map, undated, received March 30, 1995.
 3. Interoffice memorandum on design requirements for natural gas/petroleum pipelines prepared by Montgomery Watson, dated March 9, 1995.

- Findings:
1. The Applicant has requested withdrawal of this Application.

Board Action:

Consent c/r s - o

*WDL / Stat
Bier*

Permit Application No. 95-35: Royal Oaks Realty, Inc.

APP

Recommendation: Approval of renewal.

Location: 5701 Portland Avenue, White Bear Township.

T-R-S: 30-21-1 dcaa

Purpose: Approval of renewal of RCWD Permit 93-207 for a Land Development Plan for a twin home residential development to be known as Parkview Village, 36 lots (72 units), 46± acres.

Exhibits: 1. Permit Application, dated March 28, 1995, received March 31, 1995.
2. RCWD Permit Files 93-207 and 94-145.

Findings: 1. The Applicant is proposing no changes to previously approved plans. To date, five buildings (10 units) have been constructed.
2. RCWD Permit 94-145 was for construction of utilities for this project.
3. A cash surety of \$4,400 is on file under RCWD Permit File 93-207.

Board Action: *Consent C/R 5-0*

Issue a permit

4/21/95
EJT

Permit Application No. 95-36: Harold Baty

APP

Recommendation: Approval of renewal.

Location: Southwest quadrant of Sherwood Road and Heather Ridge Drive, Shoreview.

T-R-S: 30-23-1 ccdd

Purpose: Approval of renewal of RCWD Permit 94-23 for a Land Development Plan for construction of a residential development to be known as Harold's Heather Point, 3 lots, 6.1± acres.

Exhibits: 1. Permit Application, dated March 31, 1995, received March 31, 1995.

2. RCWD Permit Files 90-23 and 94-23.

Findings: 1. The Applicant proposes no changes to previously approved plans.

2. This is the second renewal of this Permit.

3. A cash surety in the amount of \$500 is on file under RCWD Permit 90-23.

Board Action:

Consent c/r 5-0

issue a permit

4/21/95
EJT

Permit Application No. 95-37: Bernard Schmalzbauer

APPRecommendation: ~~Approval of renewal.~~ WITHDRAWAL

Location: Southwest quadrant of Grand Avenue and STH 96, White Bear Lake.

T-R-S: 30-22-12 dca

Purpose: Approval of renewal of RCWD Permit 94-101 of a Final Site Drainage Plan for construction of a home riparian to White Bear Lake, 1± acre.

Exhibits: 1. Permit Application, dated April 3, 1995, received April 3, 1995.
2. RCWD Permit Files 94-101, 93-112, and 90-176.Findings: 1. Applicant proposes no changes to previously approved plans.
2. A cash surety in the amount of \$500 is on file under RCWD Permit 93-112.
3. The proposed Construction Plan involves no wetland impacts.

Board Action: 4. This is the 3rd renewal of this permit

Consent C/R 5-0

To Bonnie ☐ **URGENT**

Date 4-21 Time 11:07 ☒ **A.M.** ☐ **P.M.**

WHILE YOU WERE OUT

From Bernard Schmalzbauer

of WDL

Phone 429-7685

Area Code 429 Number 7685 Ext.

Fax

Area Code Number

Telephoned	☒	Please call	☒
Came to see you	☐	Wants to see you	☐
Returned your call	☐	Will call again	☐

Message Wants to be put
on "Hold" until he
contacts us.
The meter stops
now.

Signed

WDL Stat
refundReturn \$50 processing
fee, return
remainder
per K.D.
BT4/21/95
EJT

Permit Application No. 95-38: Successful Bidder, City of Arden Hills

TAB

Recommendation: Table pending receipt of:

1. Signed Permit Application.
2. Documentation that wetland impact area will not exceed 1/2 acre.
3. Narrative addressing pretreatment of stormwater discharge.
4. Cash surety in the amount of \$3,000.

5. *Permit fee in amount of \$ 500*
 Stipulation: The outlet for the wetland at County Road F and Valentine Avenue shall retain the same invert after replacement.

Location: County Road F between I-35W and Old Highway 10, Arden Hills.

T-R-S: 30-23-21 and 28

Purpose: Approval of a Roadway Reconstruction Plan for curb, gutter, and storm sewer placement for 4,714 feet of roadway.

- Exhibits:
1. Permit Application, unsigned, dated March 24, 1994, received April 4, 1995.
 2. Construction Plans prepared by MSA, dated February 27, 1995, received April 11, 1995.

- Findings:
1. The project proposes conversion of 4,714 feet of County Road F from rural to urban section. Storm sewer improvements will be made to handle the drainage from the new roadway. Six storm sewer systems will be constructed which will outlet to three wetland areas. A 443-foot system and a 72-foot system will drain to the Type III (PEMF) wetland at Janet Court. A 77-foot, 134-foot, and 147-foot system will outlet to the Type III (PEMC) wetland west of Valentine Avenue. A very large 1,618-foot system will outlet to the Type II (PEMB) wetland at County Road F and Highway 10.
 2. A secondary project involves the replacement of an existing 12-inch RCP outlet from the wetland at the northwest quadrant of Valentine Avenue and County Road F with an 18-inch RCP. Additionally, two catchbasins which serve Valentine Crest Road and outlet to this storm sewer will be removed (improving the quality of discharge) and not replaced. Valentine Crest Road will drain south to County Road F.
 3. While discharge rates and stormwater volumes will not increase, no treatment is specified for any of the stormwater discharge.

Board Action:

Consent 9/25-0

Stat/Bill
APR 27 1995

4/21/95
 EJT

Permit Application No. 95-39: Successful Bidder, City of Mahtomedi

TWAEAA

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

1. Signed Permit Application.
2. ~~CONCEPT PLAN FOR POND AT PARK AVENUE FOR NEVILLE POND OUTLET~~
3. Revised Grading Plan showing a treatment pond at Gosiwin Court and Gosiwin Avenue.

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

Location: 5. *Permit fee in amount of \$ 500*
Gosiwin Avenue and Gosiwin Court, south of Hickory Street and Neville Avenue between Locust Street and Park Avenue, Mahtomedi.

T-R-S: 30-21-20 and 29

Purpose: Approval of a Roadway Reconstruction Plan for roadway and storm sewer improvements for two roadways with a total length of 1,400± feet.

- Exhibits:
1. Permit Application, unsigned, undated, received April 3, 1995.
 2. Project description prepared by MSA, dated March 31, 1995, received April 3, 1995. ✓
 3. Storm sewer design calculations prepared by MSA, dated January 20, 1993, received April 3, 1995.
 4. Neville Pond volume calculations prepared by MSA, dated January 27, 1995, received April 3, 1995.
 5. Construction Plans prepared by MSA, dated February 3, 1995, received April 3, 1995.

- Findings:
1. The proposed project involves construction of new storm sewer and road surfaces for two areas in the City of Mahtomedi. The first area is Gosiwin Avenue and Gosiwin Court, which drain west and south via an existing surface ditch along with Griffin Court. The second project is enlargement of an existing outlet to Neville Pond. The outlet will discharge to White Bear Lake.
 2. Water quality issues need to be addressed for this project. The Gosiwin Court storm sewer should outlet into a sedimentation basin. Proper construction could achieve benefits for discharge from Griffin Court as well.

Board Action: *Consent C/R 5-0*

Stat/Bill
APR 27 1995

4/21/95
EJT

Permit Application No. 95-40A: J.H. Anderson

APP

Recommendation: Approval of renewal:

Stipulation: Irrigation is limited to 1 inch of water per week. In addition, pumping is allowed on an odd-even basis from 6 to 8 a.m. and 6 to 8 p.m.

Location: ⁵³³⁰
~~5378~~ Lexington Avenue North, Shoreview.

T-R-S: 30-23-11 bcc

Purpose: Approval of renewal of RCWD Permit 94-56A for appropriation from DNR Protected Waters 62-61P, Turtle Lake.

Exhibits: 1. Permit Application dated April 6, 1995, received April 8, 1995.
2. Appropriation Checklist prepared by the applicant received April 8, 1995.
3. RCWD Permit Files 93-66A and 94-56A. ✓

Findings: 1. Applicant proposes to irrigate 60,000 sq ft using a 50-gpm stationary pump and 50 fixed sprinklers.
2. Applicant proposes to pump less than 10,000 gpm or 1 mgd.
3. At 50 gpm, Applicant is limited to 3.3 hours of pumping per day before limit of 10,000 gpd is exceeded.

Board Action:

Consent 4/25 ->

issue permit

4/21/95
EJT

Permit Application No. 95-41A: Thomas and Helen McGrath ^A

APP

Recommendation: Approval of renewal:

Stipulation: Irrigation is limited to 1 inch of water per week. In addition, pumping is allowed on an odd-even basis from 6 to 8 a.m. and 6 to 8 p.m.

Location: 5378 Lexington Ave. No, Shoreview

Purpose: Approval of renewal of RCWD Permit 94-41A for appropriation from DNR Protected Waters 62-61P, Turtle Lake.

- Exhibits:
1. Permit Application dated April 8, 1995, received April 10, 1995.
 2. Appropriation Checklist prepared by the applicant received April 10, 1995.
 3. RCWD Permit Files 92-23A, 93-10A, and 94-53A.
- ✓

- Findings:
1. Applicant proposes to irrigate 11,000 sq ft using a 12 gpm stationary pump and a 3/4-inch hose.
 2. Applicant proposes to pump less than 10,000 gpm or 1 mgd.
 3. At 12 gpm, applicant is limited to 13.9 hours of pumping per day before limit of 10,000 gpd is exceeded.

Board Action: *Consent 4/25 ->*

Issue permit

4/21/95
EJT

Permit Application No. 95-42: Mike and Barb McCalley

TWAFAA

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

1. A cash surety in the amount of \$250.

Location: 7830 Spring Lake Road, Mounds View.

T-R-S: 30-23-6 ccac

Purpose: Approval of a Shoreland Improvement Plan to replace an existing retaining wall with riprap, 150± feet.

Exhibits:

1. Permit Application, dated April 1, 1995, received April 10, 1995.
2. Sketch Plan prepared by Applicant, undated, received April 11, 1995.

Findings:

1. The Applicant proposes removal of a 151-foot metal and wood retaining wall. 72 feet of the retaining wall will be replaced with riprap, 65 feet will be allowed to return to the natural condition, and 14 feet will be replaced with an anchor block retaining wall.

Board Action: *Consent 4/25-0*

[Signature]
APR 27 1995

4/21/95
EJT

Permit Application No. 95-43: Control Data Systems, Inc. and
CSM Corporation

TWAFAA

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

1. Redesigned outlet control structure showing overflow intake moved to pond side of berm crest.
2. Cash surety in the amount of \$3,000.

Location: 2,000 feet north of the northwest quadrant of County Road F and Lexington Avenue, Arden Hills.

T-R-S: 30-23-22 daa

Purpose: Approval of a Final Site Drainage Plan for construction of an office building, 6.3± acres.

- Exhibits:
1. Permit Application, dated April 10, 1995, received April 10, 1995.
 2. Application for MPCA General Stormwater Permit, dated April 10, 1995, received April 12, 1995.
 3. Drainage calculations prepared by HTPO, dated March 7, 1995, received April 10, 1995.
 4. Grading, Utility, and Drainage Plan prepared by HTPO, dated April 3, 1995, received April 10, 1995.

- Findings:
1. The Applicant is proposing a two-phase development which will involve construction of two buildings, parking area, and on-site pond.
 2. The pond has been designed to provide rate control and treatment for the entire developed site.
 3. An Erosion Control Plan consisting of silt fence, rock construction entrances, and riprap at all storm sewer entrances has been detailed.
 4. NWI maps for this area show no wetlands on-site.

Board Action: *Consent C/R 5-0*

Stat out to two
4-27-95 APR 27 1995

4/21/95
EJT

Permit Application No. 95-44A: John N. Ries

APP

Recommendation: Approval of renewal.

Stipulation: Irrigation is limited to 1 inch of water per week. In addition, pumping is allowed on an odd-even basis from 6 to 8 a.m. and 6 to 8 p.m.

Location: 805 Lakeview Drive, Shoreview.

Purpose: Approval for appropriation from DNR Protected Waters 62-61P, Turtle Lake.

- Exhibits:
1. Permit application, dated April 12, 1995.
 2. Appropriation Checklist prepared by the Applicant, received April 12, 1995.
 3. RCWD Permit File 94-111A.

- Findings:
1. Applicant proposes to irrigate 15,000 sq ft using a 7 gpm stationary pump and five fixed sprinklers. ✓

Board Action: *Consent c/r 5 →*

issue permit

4/21/95
EJT

Permit Application No. 95-45: Corson/Nelson Corporation

APP

Recommendation: Approval of renewal.

Location: Southwest quadrant of Blackduck Drive and Partridge Place N., Lino Lakes.

T-R-S: 31-22-28 abbb

Purpose: Approval of renewal of RCWD Permit 94-47 for a Wetland Alteration Plan and Final Site Drainage Plan for construction of two single family residential homes on Lots 1 and 2 of Block 8 of Lakes Addition No. 3.

Exhibits: 1. Permit Application, dated April 7, 1995, received April 12, 1995.
2. RCWD Permit File 94-47.

Findings: 1. The Applicant proposes no changes to previously approved plans.
2. This is the first renewal of this permit.
3. A \$1,000 cash surety is on file under RCWD Permit 94-47. ✓

Board Action: *Consent C/R 5-0*

issue permit

4/21/95
EJT

Permit Application No. 95-46: Successful Bidder, City of Roseville

TWAFAA

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

1. Signed Permit Application.
2. Cash surety in the amount of \$1000.
3. *Permit fee in amount of \$ 500*

Location: Prior Avenue, Oakcrest Avenue, Lake Street, Midland Hills Road, Rosewood Lane N., Rosewood Lane S., Draper Avenue, Rosedale Drive, Skillman Avenue, Ryan Avenue, Aldine Street, Shryer Avenue, Beacon Street, Wheeler Street, Herschel Street, Midlothian Road, Eldridge Avenue, and Fry Street, Roseville.

T-R-S: 29-23-9, 17, 18

Purpose: Approval of a Roadway Reconstruction Plan for 18 separate streets, 2.9± miles total length.

Exhibits: 1. Permit Application, unsigned, undated, received April 13, 1995.
2. Roadway Construction Plans prepared by the City of Roseville, dated March 24, 1995, received April 11, 1995. ✓

Findings: 1. The project consists primarily of resurfacing roadways. In various places, repairs will be made to sanitary sewer lines. New storm sewer will be placed on only four stretches of road: 197 feet on Beacon Street, 37 feet on Fry Street, 433 feet on Rosewood Lane S., 615 feet on Draper Avenue, and 61 feet on Rosedale Drive E. Each segment of new sewer will be located below an existing curb and guttered street and will tie into an existing catchbasin which serves the new storm sewer reach of road. No new concentrated stormwater discharges will be added to the existing storm sewer system. No new storm sewer outfalls will be constructed. A 30-foot length of existing storm sewer will be replaced along Eldridge Street.
2. Rate control is not an issue as there will be no increase in discharge from the site. Water quality is not a concern because there is no alteration to the existing drainage condition.
3. There are three small Type IV/V (PUBF/G) wetlands in the vicinity of Rosewood Lane N. There will be no impact to these wetlands.

Board Action:

Consent CR 5-0

Stat Bill
APR 27 1995

4/21/95
EJT

Permit Application No. 95-47: Successful Bidder, City of RosevilleTWAFAA

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

1. Signed Permit Application.

2. Cash surety in the amount of \$1,000.

3. *Permit fee in amount of \$500*

Location: County Road C, Woodhill Drive, Civic Center Drive, Terrace Drive, Judith Avenue, Huron Street, Dellwood Street, Merrill Street, Acorn Road, Centennial Drive, Pascal Avenue, Terrace Drive, Roseville.

T-R-S: 29-23-3, 8

Purpose: Approval of a Roadway Reconstruction Plan for 11 separate streets, 2.8± miles total length.

Exhibits: 1. Permit Application, unsigned, undated, received April 13, 1995.
2. Roadway Construction Plans prepared by the City of Roseville, dated March 28, 1995, received April 11, 1995. ✓

Findings: 1. The project consists primarily of resurfacing roadways. In a few isolated areas, repairs will be made to sanitary sewer lines. New storm sewer will be placed under two stretches of road: 1,029 feet under Acorn Road and 275 feet in two segments under Civic Center Drive.
2. The stormwater discharge for Acorn Street is routed to a designated stormwater pond east of Acorn Street and then to the designated stormwater pond at I-35W and County Road C.
3. Both segments of new storm sewer at Civic Center Drive will be located below an existing curb and guttered street and will tie into existing catchbasins. No new concentrated storm sewer discharges will be added to the existing storm sewer systems. No new storm sewer outfalls will be constructed. Rate control is not an issue as there will be no increase in discharge resulting from the site. *WATER QUALITY IS ALSO NOT AN ISSUE AS ALL TRUNK SEWERS OUTLET TO DESIGNATED PONDING AREAS*
4. *Comment C/R 5-0*

Board Action:

Stat/Bill

APR 27 1995

4/21/95
EJT

Permit Application No. 95-48: Northern Natural Gas Company

TAB
~~RECEIVED~~

Recommendation:

Table ~~to 5-10-95 B&M~~ pending receipt of:

1. Narrative documenting that WCA Exemption 11 applies to project (i.e., documentation that less than 1/2 acre of wetland will be impacted).
2. ~~COMPLETE REVIEW OF STATE DESIGN STANDARDS FOR PIPELINE CONSTRUCTION~~ *COMPLETE REVIEW OF STATE DESIGN STANDARDS FOR PIPELINE CONSTRUCTION MADE BY DISTRICT ENGR.*
3. Cash surety in the amount of \$3,000.

Location: Baylor Street N.E. to Lexington Avenue, Columbus Township.

T-R-S: 33-22-31, 32, 33, 34

Purpose: Approval of a Pipeline Construction Plan for 5 miles of 20-inch natural gas pipeline.

- Exhibits:**
1. Permit Application, dated April 3, 1995, received April 13, 1995.
 2. Project Description Narrative prepared by Applicant, undated, received April 13, 1995.
 3. Project location maps prepared by Applicant, undated, received April 13, 1995. ✓
 4. Stream and wetland crossing procedures and construction specifications prepared by Applicant, undated, received April 13, 1995.
 5. RCWD Permit File 93-131.

- Findings:**
1. The total project length is 4.83 miles of which 2.37 miles lies within the Coon Creek Watershed District (CCWD). The CCWD has been made aware of the project.
 2. The project parallels an existing pipeline and lies within a utility easement.
 3. The pipeline corridor crosses numerous jurisdictional and DNR Protected Wetlands. BMPs outlined by FERC's "Wetland and Waterbody Construction and Mitigation Procedures" and "Upland Erosion Control, Revegetation, and Maintenance Plan" will be implemented to minimize impact to the environment.

4/21/95
EJT

Permit Application No. 95-48: Northern Natural Gas Company

4. WCA Exemption 11 allows for placement of pipelines if less than 0.5 acres of wetland impact occurs. During construction, timber mats will be deployed to prevent excessive soils damage by heavy equipment. To minimize wetland disturbance, soils will be separated to ensure organic topsoils are replaced at the surface during the backfill operation. Trench breakers will also be installed to prevent lateral drainage of wetlands along the pipeline casing.

Board Action:

MSP BAH/CURS-0

~~BAH/CURS-0~~~~BAH/CURS-0~~~~BAH/CURS-0~~4/21/95
EJT

Permit Application No. 95-49: I.S.D. 621

TVAFAA

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

1. Cash surety in the amount of \$2,000.

Location: 1770 West County Road E-2, Arden Hills.

T-R-S: 30-23-28 dbbd

Purpose: Approval of a Final Site Drainage Plan for construction of new parking and bus loading area for an existing school.

Exhibits:

1. Permit Application, dated April 13, 1995, received April 13, 1995.
2. Grading and Drainage Plan prepared by Anderson-Johnson Associates, Inc., dated April 3, 1995, received April 13, 1995.
3. Storm sewer design calculations prepared by Anderson-Johnson Associates, Inc., dated April 6, 1995, received April 13, 1995.

Findings:

1. The proposed project involves creation of 1.3± acres of new parking area and roadway surface for bus loading/unloading.
2. Three new storm sewers have been specified for conveying stormwater from the site. Each system has at its outlet a large grit chamber for stormwater treatment. Each chamber will be constructed of an 8-foot by 12-foot box culvert.
3. The site is surrounded on the north and east by DNR Protected Wetlands. To the south is a jurisdictional wetland created as part of an RCWD project in 1990. Each of these wetlands is the receiving body for one of the three storm sewer systems.

Board Action: 4/

MSP
Twasfaa

AGC/CVR5

STORMWATER TREATMENT THROUGH USE OF NURS POND WAS NOT FEASIBLE FOR THIS PROJECT DUE TO THE STEEP SLOPES AT THE PROPERTY EDGES & THE CURRENT LEVEL OF DEVELOPMENT OF THE SITE INTERIOR. SAFETY CONCERNS OF A LARGE BODY OF WATER NEAR A PLAYGROUND FOR SMALL CHILDREN WAS ALSO AN ISSUE. FURTHERMORE TO IMPROVE SAFETY FOR PLAYGROUND AREAS, OPEN SPACE WHICH COULD HAVE BEEN USED FOR A PAD WAS REQUIRED TO CREATE A TRAFFIC TURN-AROUND AWAY FROM THE CURRENT LOCATION WHICH IS ADJACENT TO THE PLAY AREA.

~~Sal~~

4/21/95
EJT

Permit Application No. 95-50: Dynex IndustriesTWAFAA

Recommendation: Table with authorization for administrative action pending:

~~Additional information regarding the site is being provided to the Board of Directors.~~

~~Additional information regarding the site is being provided to the Board of Directors.~~

~~Additional information regarding the site is being provided to the Board of Directors.~~

1/3. Receipt of cash surety in the amount of \$3,000.
CASHLocation: 4754¹ Mustang Circle, Mounds View.

T-R-S: 33-23-17 accc

Purpose: Approval of a Final Site Drainage Plan for construction of a building addition on an existing industrial facility, 5.9 acres.

- Exhibits:
1. Permit Application, dated April 13, 1995, received April 13, 1995.
 2. Grading, Drainage, Utility, and Erosion Control Plan prepared by Merila and Associates, dated February 24, 1995, received April 13, 1995. LAST REVISED 4-25
 3. Drainage calculations prepared by Merila and Associates, dated February 21, 1995, received April 13, 1995.
 4. RCWD Permit File 94-147.

- Findings:
1. The site lies adjacent to the east of a large Type III (PEMF) wetland. ~~It is not known whether this wetland will be impacted. A site investigation will verify this.~~ CASH
 2. All stormwater is directed to an on-site detention basin which has been designed according to NURP standards. ~~The pond design meets the requirements of the RCWD.~~
 4. The lowest floor elevation is 895.0. FIS maps show the 100-year flood elevation to be 873.0.

Board Action: MSP RMH/AJC 5-0

- NEW
3. THE POND OUTLET HAS BEEN REVISED TO DRAIN IN THE SAME DIRECTION AS THE CURRENT OUTLET. EXISTING DRAINAGE PROBLEMS OCCURRING DUE TO THE STOCKPILE DIRECTLY OPPOSITE THE POND OUTLET HAVE BEEN AVOIDED FILL THROUGH CONSTRUCTION OF AN EMERGENCY OVERFLOW WITHIN AN EXISTING DRAINAGE EASEMENT SOUTH OF THE STOCK PILE.

stat

4/21/95
EJTthis is
Engine
TYPO

Permit Application No. 95-51: Mahtomedi SchoolsTWAFEA

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

~~1. The applicant has provided a cash surety in the amount of \$10,000 to the City of Mahtomedi to cover the cost of the storm sewer system.~~

2. Cash surety in the amount of \$²10,000.

Location: 8000-75th Street N., Mahtomedi.

T-R-S: 30-21-28 bccc

Purpose: Approval of a Final Site Drainage Plan for reconstruction of an existing outdoor high school running track.

Exhibits:

1. Permit Application, dated April 13, 1995, received April 13, 1995.
2. Drainage Plan prepared by Abendroth, Rego & Youngquist Architects, Inc., undated, received April 13, 1995.
3. Certificate of Survey prepared by Kemper & Associates, undated, received April 13, 1995. ✓

Findings:

1. Proposed project involves resurfacing an existing outdoor 1/4-mile running track. Two additional lanes will be added to the track amounting to an additional 0.1± acre of impervious area.
2. A drain tile system will be installed under the inside lane track (around the existing football field) and will drain to a small detention pond south of the track area. The pond outlets to the existing storm sewer system which serves the parking lot.
3. NWI maps show no wetlands within the construction area.

Board Action:

MSP AJC/RMH 5-0

Stat
APR 27 1995

4/21/95
EJT

Permit Application No. 95-52: Mahtomedi Schools

TWAFAA

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

1. Baffled weir design detail.
2. Drainage calculations demonstrating rate control for 1- and 100-year, 24-hour rainfalls.
3. Calculations demonstrating pond design in accordance with NURP guidelines.
4. Cash surety in the amount of \$3,000.

Location: 535 N. Warner Avenue, Mahtomedi.

T-R-S: 30-21-29 abc

Purpose: Approval of a Final Site Drainage Plan for construction of a new bus corral and softball diamond for an existing elementary school, 8.3± acres.

Exhibits: 1. Permit Application, dated April 13, 1995, received April 13, 1995.
2. Preliminary Stormwater Management Plan prepared by Anderson-Johnson Associates, Inc., dated April 17, 1995, received April 18, 1995. ✓

Findings: 1. Proposed project involves construction of 1± acres of new impervious area.
2. An on-site stormwater pond has been designed to provide stormwater rate control and treatment for the new areas of the site. The pond outlets to a creek east of the site which flows south 1,000± feet to a wetland area.
3. An Erosion Control Plan consisting of silt fence and riprap overflows has been identified.
4. NWI maps show no wetlands on-site.

Board Action: MSP TWAFAA
AGC/CUR 5-0

Stat
APR 27 1995

4/21/95
EJT

Permit Application No. 95-53: Gary Uhde

TAB

Recommendation: Table pending receipt of:

1. Wetland Delineation Report.
2. Field verification of wetland boundaries.
3. Revised Mitigation Plan showing a 2:1 replacement ratio.
4. WCA Sequencing Narrative and Wetland Replacement Application.
5. Outlet control structure design detail.
6. Erosion Control Plan.
7. Revised Grading Plan indicating groundwater levels and lowest floor elevations.
8. Preliminary plat showing easements over wetlands and hydraulic facilities. ✓
9. Cash surety in the amount of \$21,500.

Stipulation: This permit applies to the 1st, 2nd, and 3rd Additions only.

Location: Northeast quadrant of Sunset Road and Lilac Street, Lino Lakes.

T-R-S: 31-22-7 c and d

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development to be known as Behm's Century Farm, 105± acres, 160 lots (1st, 2nd, and 3rd Additions, 52 acres, 105 lots).

Exhibits:

1. Permit Application, dated April 13, 1995, received April 13, 1995.
2. Preliminary Grading Plan prepared by J. C. Johnson Consultants, Inc., dated April 13, 1995, received April 13, 1995.
3. Concept sketch prepared by J. C. Johnson Consultants, Inc., dated April 13 1995, received April 13, 1995.

Findings:

1. The Applicant is currently planning construction activities for the 1st Addition and two of the three ponding facilities which are located in the 2nd Addition.

4/21/95
EJT

Permit Application No. 95-53: Gary Uhde

2. The proposed project calls for impact to 24,030 sq ft of wetland area. A replacement area of 42,390 sq ft has been shown on the Grading Plan. This is less than the required 2:1 replacement ratio. Two of the mitigation areas are located within ponding areas. Sedimentation forebays are located around the wetlands to prevent eventual loss of area.
3. There will be three ponds constructed to serve the 1st, 2nd, and 3rd Additions. Two of the ponds flow into a central pond which outlets to Anoka County Ditch 10. Adequate rate control and treatment will be provided by this system.

Board Action:

*Consent C/R 5-0**Stut*

APR 27 1995

4/21/95
EJT

LOGGED ACTION: 4-14-95/JK
 COPIED TO FILE: 4-14-95/BT
 KEYED ATTACHMENT: 4-14-95/BT

Permit Application No. 95-17: Robert Sorg

TWAFAA

MTG.

Recommendation:

Table with authorization for administrative action pending review of:

1. Cash surety in the amount of \$1,000.

Location: 7075-21st Avenue South, Centerville.

T-R-S: 31-22-24 bb

Purpose: Approval of a Final Site Drainage Plan for construction of an addition to an industrial facility, 1.4± acres.

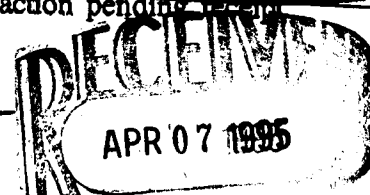
- Exhibits:
1. Permit Application dated February 24, 1995, received March 8, 1995.
 2. Site plan prepared by NAI Architects, dated February 28, 1995.

Findings:

3. RCWD Permit File 87-51.
4. *Cash Surety in amt of \$1,000 rec'd 4-12-95.*
1. The 100-year floodplain for the site is 906.0 per FIS. The modeled flood elevation for Clearwater Creek calculated after the Centerville ditch improvements for the cross-section immediately upstream of 20th Avenue is predicted to be 902.8, 5.4 feet lower than the modeled pre-improvement 100-year flood elevation of 908.2.
 2. Because the site is located in a flood fringe area, the reduction in flood elevation resulting from the Centerville ditch improvement will likely have a significant effect on the flood elevation for this site. It is likely that the site will no longer be located within the 100-year floodplain.
 3. The project site is located within a development area approved under RCWD Permit 87-51. The 1987 plan included stormwater ponding for this site.
 4. Applicant is proposing construction of 0.5± acres of impervious area on a 1.4± acre lot.
 5. NWI maps and aerial photos for the area show no wetlands on site.

Board Action:

MSP AJC/BAH 5-0



RICE CREEK
WATERSHED DISTRICT

Keyed Attach 4-14-95/BT
Permit Issued 4-14-95

4/7/95
EJT

FINAL

LOGGED ACTION: 3-23-95/BT
TYPED ATTACHMENTS: 3-27-95/BT
COPIED TO FILES: 3-23-95/BT

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

MARCH 25, 1995



It was moved by Cardinal and seconded by Kyden to approve, ratify, table with authorization for administrative action, table, or withdraw the Permit Applications noted in the following table of contents in accordance with the District Engineer's Recommendation, as contained in the Engineer's Report dated March 17, 1995. 5-0

FINAL

• being back 4/12 Mtg.
95-17 • check completion of 100 yr flood changes. Not as 906
• affect compensating coverage?

• Larry Olson
95-24 • key excavating add'l volume above NWL of Elucant
• M.A.D.
• L.L. - Olson
• J. Olson

95-25 - neighbors concerns off-site grading for outfall for Block 2 pond
(it crosses road into her property)

• Don't have have a property south of SW corner of plot

• verify outlet of SW wellhead. believe it's off-site small ditch taking the flow

8" outlet

Need to use aerial & have entire outlet both have power adequacy

Board action 3-22-95:

STATS

✓ 95-04 ✓

✓ 95-14 ✓

✓ 95-15 ✓

✓ 95-16 ✓

✓ 95-17 ✓

✓ 95-20 ✓

✓ 95-21 ✓

✓ 95-22 ✓

✓ 95-23 ✓

✓ 95-24 ✓

✓ 95-25 ✓

✓ 95-26 ✓

✓ 95-27 ✓

✓ 95-28 ✓

✓ 95-29 ✓

✓ 95-30 ✓

✓ 95-31 ✓

✓ 95-32 ✓

✓ 95-33 ✓

✓ 95-34 ✓

✓ 95-35 ✓

✓ 95-36 ✓

✓ 95-37 ✓

✓ 95-38 ✓

✓ 95-39 ✓

✓ 95-40 ✓

✓ 95-41 ✓

✓ 95-42 ✓

✓ 95-43 ✓

✓ 95-44 ✓

✓ 95-45 ✓

✓ 95-46 ✓

✓ 95-47 ✓

✓ 95-48 ✓

✓ 95-49 ✓

✓ 95-50 ✓

✓ 95-51 ✓

BILLS

MAIL LETTERS

✓ 93-119 ERPA 3-15-95

✓ 94-65

✓ 94-114

✓ 94-144

RICE CREEK WATERSHED DISTRICT

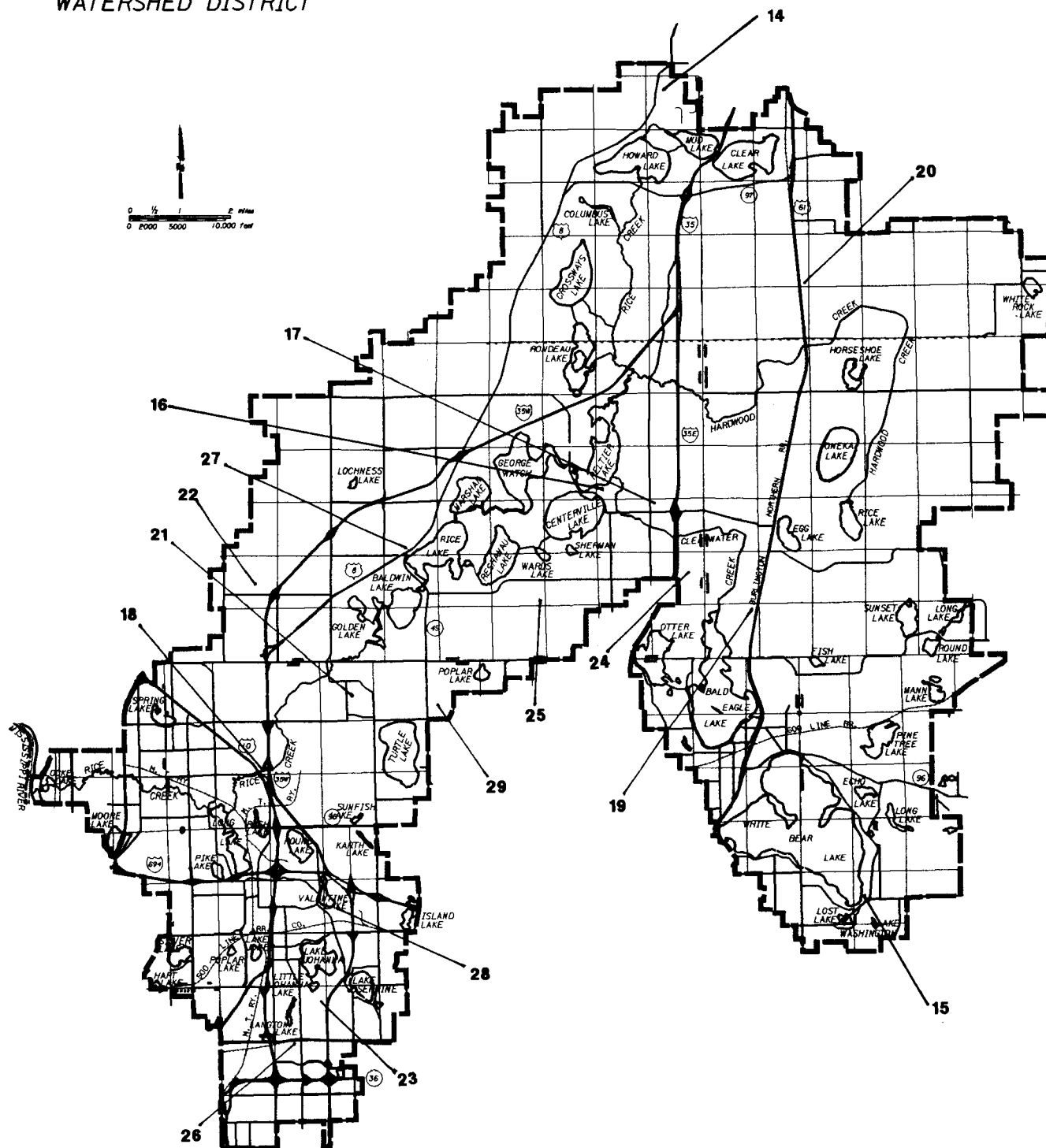
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March 25, 1995

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* To be presented

RICE CREEK WATERSHED DISTRICT



MONTGOMERY WATSON

Wayzata, Minnesota

Permit Application No. 93-119: Rex and Arlene Holzemer

WDL

Recommendation: Withdrawal.

Location: 1203 Edgewater Avenue, Arden Hills.

Purpose: Approval of a final site drainage plan for construction of a single family residence on ± 0.5 acres.

Exhibits:

1. Permit Application dated June 28, 1993.
2. Letter prepared by the applicant dated June 29, 1993, received July 1, 1993.
3. Location map, undated and received July 1, 1993.
4. Site plan showing approximate limits of fill prepared by Rex and Arlene Holzemer,

Findings:

1. A pre-permit investigation was prepared for the applicant. It was stated that no wetland fill would be allowed or filling of the floodplain. The officially established floodplain for this site is 886.0. A site visit on July 22, 1993 revealed that fill had been placed and a stop work order had been issued by the District Inspector.
2. The applicant has stated that the home is to be built on pilings as a result of soil instability. The soil stability report will need to be prepared to show that the proposed construction will not fail.
3. A Type III wetland is adjacent to the property. The applicant has stated no fill is proposed in the wetland. A wetland delineation has not been completed at this time and in order to ascertain whether fill is proposed, it must be completed according to the Wetland Conservation Act of 1991.
4. The application is to be withdrawn at the Applicant's request.

Board Action:

Consent
AS REC *0/R 5-0*

WDL ltr sent 3-27-95 / BT
Feexpd 3-5-95

3/17/95
EJT

Permit Application No. 94-65: Noel Scherer

WDL

Recommendation: Withdrawal.

Location: 13760 Elmcrest Avenue, Hugo.

T-R-S: 31-21-30 bb

Purpose: Approval of an "after-the-fact" Final Site Drainage Plan for filling activities near a wetland area.

Exhibits: 1. Permit Application, dated April 5, 1994, received April 6, 1994.
2. Stop Order prepared by Dale Eklin, RCWD Inspector, dated March 24, 1994, received April 15, 1994.

Findings: 1. No exhibits have been provided with the Permit Application. Without an exact location for the site, aerial photos and NWI maps cannot be used with any degree of accuracy. Therefore, this application has been tabled until such time as a detailed location map and grading plan become available for review.

2. This project is to be withdrawn due to lack of activity.

Board Action: *Consent 9/R 5-0*

\$118.25

Billed 3/27/95/BT

3/17/95
EJT

Recommendation: Ratification of administrative approval.

Location: South of Norway Pine Drive and east of Red Pine Boulevard, White Bear Township.

T-R-S: 30-22-1 baa

Purpose: Approval of Roadway and Utility Control Plans for White Bear Ponds Section and Addition and associated regional ponding system.

- Exhibits:
1. Permit Application, unsigned, undated, received May 26, 1994.
 2. Roadway, storm sewer, sanitary sewer, and watermain construction Plan prepared by TKDA, dated April 18, 1994, received May 26, 1994.
 3. U.S. Army Corps of Engineers Nationwide Permit No. 26, dated March 10, 1994, received May 26, 1994.
 4. Historic Narrative for Pond NE6-3 advising of change in the normal water level from 927.0 to 926.0 prepared by TKDA, dated May 25, 1994, received May 26, 1994.
 5. RCWD Permit File 93-211.
 6. RCWD Permit File 93-212.
 7. Cash surety in the amount of \$3,000, received February 22, 1995.

- Findings:
1. Proposed project involves construction of street and sewers for White Bear Ponds Plat 2 as described in RCWD File 93-212. There are some minor changes in the routing of the storm sewer but no changes in the final disposition of the stormwater off the site.
 2. TKDA, engineers for the Township of White Bear, have included a revised normal water level for pond NE6-3 lowering the water level from 927 to 926. The pond will retain the same storage characteristics as previously submitted. The 100-year flood elevation will be reduced from 928.8 to 927.8. There will be no increase in the peak 2- or 100-year discharges from the pond.
 3. The Applicant has received a U.S. COE Nationwide Permit for Alteration of the Runout Elevation of the Pond.

Permit Application No. 94-112: Inland Utility Construction, Inc.

4. Plans show that spoils from excavation will be placed in an area delineated as upland. The small amount of wetland fill associated with construction of weir 2 is exempt under WCA Exemption 25. Wetland impacts associated with construction of the outlet control structure will be minimal as the control elevation is being set to the historic normal water level as determined by field surveys and testimony of landowners.

Board Action:

Consent C/R 5-0

Issued 2-22-95

3/17/95
EJT

Permit Application No. 94-114: Vivian M. Whitcomb

WDL

Recommendation: Withdrawal.

Location: Northwest and southwest quadrants of Holly Drive and 12th Avenue, Lino Lakes.

T-R-S: 31-22-28, 33

Purpose: Approval of a Land Development Plan for a single family residential development to be known as Trapper's Crossing, 121 lots, 73.5± acres.

- Exhibits:
1. Permit Application dated May 10, 1994, received May 9, 1994.
 2. Grading and Erosion Control Plan prepared by Paramount Engineering and Design, last revised May 5, 1994, received June 9, 1994.
 3. Calculations for runoff and ponding volumes for 1- and 100-year storm events prepared by Paramount Engineering, undated, received June 9, 1994.
 4. RCWD Permit 93-213.

Findings: 1. The Application is to be withdrawn as the project is now being reviewed in Permit Application 95-25.

Board Action:

Consent C/R 5-0

*\$162.25
50. - Imp fee

\$112.25
Billed 3-27-95
BT*

3/17/95
EJT

Permit Application No. 94-144: Target

WDL

Recommendation: Withdrawal.

Location: Southeast quadrant of Red Fox Road and Lexington Avenue, Shoreview.

T-R-S: 30-23-26 bccc

Purpose: Approval of a Final Site Drainage Plan for expansion of an existing shopping center for inclusion of a grocery store, 16.3± acres.

- Exhibits:
1. Permit Application, dated August 11, 1994, received August 11, 1994.
 2. Project narrative, dated August 1, 1994, received August 11, 1994.
 3. Grading, Drainage, and Erosion Control Plan prepared by RLK Associates, Ltd., dated August 1, 1994, received August 11, 1994.
 4. RCWD Permit 88-200.

- Findings:
1. The project entails construction of a 51,000 sq ft grocery store addition to an existing Target Greatland Store. The project is consistent with a PUD project approved by the City of Shoreview.
 2. Development of this site was included in the design approved in RCWD Permit 88-200. An on-site stormwater detention pond will provide treatment and rate control for discharge from this new development.
 3. No wetland impacts are proposed.
 4. The Application is to be withdrawn due to lack of activity.

Board Action:

Consent C/R 5-0

*Ltr of WDL sent 3-27-95 / BT
(Rec'd 8/94)*

3/17/95
EJT

Permit Application No. 95-01: Bradley C. Lucas

RAT

Recommendation: Ratification of administrative approval.

Location: 2655 South Shore Boulevard, White Bear Lake.

T-R-S: 30-22-24 dddb

Purpose: Approval of an "after-the-fact" Final Site Drainage Plan for a single family residence riparian to White Bear Lake, 0.3± acres.

- Exhibits:
1. Permit Application, dated December 14, 1994, received December 19, 1994.
 2. Certificate of Survey prepared by E.G. Rud and Sons, undated, received January 11, 1995.
 3. Cash surety in the amount of \$250, received February 14, 1995.
 4. RCWD Permit File 94-01.

- Findings:
1. There are no wetland impacts associated with this project.
 2. The setback from the OHW of White Bear Lake is 100 feet. The proposed building pad is 115 feet from the OHW.
 3. The 100-year floodplain of White Bear Lake is 926.7. The Certificate of Survey specifies a lowest floor elevation of 931.3. This provides 3.4 feet of freeboard.

Board Action:

Consent C/R 5-0

Issued 3-1-95

3/17/95
EJT

Permit Application No. 95-04: Dan Ogren

TAB

Recommendation: Table pending:

1. Wetland boundary review by Technical Evaluation Panel during "growing season."
2. Revised Development Plan in accordance with revised wetland delineation if necessary.
3. Cash surety in the amount of \$2,000.
4. ~~Completion of EAW process~~

Location: Northwest quadrant of County Road E2 and Old Highway 10, Arden Hills.

T-R-S: 30-23-28 addb

Purpose: Approval of a Land Development Plan for a residential development to be known as Townhomes of Lake Valentine, 7 lots, 4.6± acres. *18 units shown*

- Exhibits:
1. Permit Application, dated January 11, 1995, received January 11, 1995.
 2. Revised Preliminary Grading, Erosion Control, and Utility Plans prepared by Passe Engineering, Inc., dated January 3, 1995, received February 10, 1995.
 3. Preliminary plat granting easements over wetlands and all drainage utilities, prepared by E.G. Rud, undated, received February 10, 1995.
 4. Stormwater pond volume sizing calculations prepared by Passe Engineering, dated January 11, 1995, received January 11, 1995.
 5. Tributary area watershed maps, undated, received February 10, 1995.
 6. Wetland delineation report, prepared by Arlig Environmental, dated November 1, 1994, received January 24, 1995.

- Findings:
1. The Applicant proposes construction of seven duplex units on seven lots, Valentine Court, and a detention pond. The pond (14 residences) will drain directly to Valentine Lake under Old Highway 10.
 2. A detention pond has been designed to provide stormwater rate control and treatment. The pond volume exceeds requirements for dead storage. The storm sewer plan has been revised to include riprap erosion protection at all storm sewer outfalls.

Completed EAW

3/17/95
EJT

Permit Application No. 95-04: Dan Ogren

3. NWI maps for the site show a Type III/V (PEMC/PUBF) wetland on the site and soil survey indicates hydric soils cover most of site. The Grading Plan shows a wetland but not the same shape and size as shown on the NWI map. There will be no direct impact to this wetland. A storm sewer outlet has been specified for the wetland with a runout elevation of 882.3. The existing NWL of the wetland will not be affected by this culvert as the specified invert has been revised to equal the culvert overland overflow for the wetland.

Board Action:

MSP Table 5-0
BAH/CUR

Statout
3-24-95/BT

3/17/95
EJT

Permit Application No. 95-09: Forest Lake Contracting, Inc.

RAT

Recommendation: Ratification of administrative approval.

Location: East River Road between Glen Creek Road and Hartman Circle, Fridley.

T-R-S: 30-24-10, 15

Purpose: Approval of a Roadway Reconstruction Plan and associated storm sewer improvements for a 4,000± foot length of roadway.

- Exhibits:
1. Permit Application, dated January 23, 1995, signed February 28, 1995.
 2. Roadway Construction Plans prepared by Anoka County Highway department, dated August 19, 1995, received January 27, 1995.
 3. Cash surety in the amount of \$1,000, received February 28, 1995.

- Findings:
1. The project entails reconstructing 4,000 feet of East River Road immediately north of Rice Creek. The roadway will be upgraded to curb and gutter and will receive storm sewer improvements.
 2. The storm sewer will be divided into three separate systems. The existing systems will receive runoff from the north and south segments of the project area. A new system will serve the central portion of the construction area and will outlet to a wetland opposite 70th Way N.E. Water quality concerns have not been addressed for this discharge.
 3. There are two wetland complexes near the project area: a Type III/VI (PEMC/PF01A) wetland in the vicinity of Rice Creek to the south of the project area and a Type VI (PF01A) wetland west of the project area opposite 70th Way N.E.
 4. The roadway project has been aligned to eliminate wetland impacts. If some wetland impacts should occur, WCA Exemption 16 allows for up to 1/2 acre for roadway projects.
 5. No rate control facilities will be required for this facility as there will be no change in land use.

Board Action:

Consent 9/25-0

Issued 2-28-95

3/17/95
EJT

NYREN (prom: NIE-REEN)
Permit Application No. 95-10: Lessard-Nyben Utilities, Inc.

RAT

Recommendation: Ratification of administrative approval.

Location: 17385 Forest Boulevard North, Hugo.

T-R-S: 31-21-5 dddb

Purpose: Approval of renewal of RCWD Permit 86-117 of a Final Site Drainage Plan for construction of new shops building, 7.3± acres.

- Exhibits:
1. Permit Application dated February 1, 1995, received February 2, 1995.
 2. Site plan prepared by Comstock & Davis, Inc., dated August 18, 1986, received February 2, 1995.
 3. Plan revisions incorporating erosion control measures and pond dead storage prepared by Applicant, dated February 20, 1995, received February 20, 1995.
 4. RCWD Permit Files 86-117 and 92-12.
 5. Cash surety in the amount of \$2,000, received February 28, 1995.

- Findings:
1. The site was to be developed originally in 1986. These plans were never realized. In 1992 the land was subdivided under RCWD Permit 92-12. Easements over the future ponding areas were obtained under this permit. The current permit is for construction of a new shops building in Lot C of the subdivision.
 2. This is the first renewal of this permit.
 3. NWI maps show no wetlands on site.
 4. No rate control facilities will be required for this facility as there will be no change in land use.

Board Action:

Consent 9/25-0

Issued 3-1-95

3/17/95
EJT

Permit Application No. 95-13: Thomas Dimke

RAT

Recommendation: Ratification of administrative approval.

Location: 6555 Joyer Lane, Lino Lakes.

T-R-S: 31-22-27 caaa

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence, 5 acres.

- Exhibits:
1. Permit Application dated February 8, 1995, received February 9, 1995.
 2. Site location map, undated, received February 9, 1995.

- Findings:
1. The project site lies within 1,000 feet of DNR Protected Water 555W.
 2. There is a Type III (PEMC) wetland on the western edge of the site. There will be no impact to this wetland.
 3. The 100-year floodplain for the area is approximately 890.0 (RCWD TR-20). The ground elevation in the vicinity of the house is 910. The basement floor elevation should be well above (12± ft) the 100-year floodplain.
 4. Because of the relatively steep slope to the western edge of the site to the wetland area, an Erosion Control Plan will be required.

Board Action:

Consent GR 5-0

Issued 3-13-95

3/17/95
EJT

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

1. Erosion control plan.
2. Cash surety in the amount of \$500.

Stipulation: 1. The culvert shall be of a diameter no less than 36 inches and shall be placed at a centerline invert of 893.4.

2. The culvert shall be of a length sufficient to allow a minimum of 2:1 sideslopes for crossing embankments.
3. The crown of the ditch crossing shall be no more than 0.5 feet above the surrounding ditch banks.

Location: 17054 Kettle River Boulevard, Columbus Township (sta 54+10, Anoka County Ditch 31).

T-R-S: 32-21-12 bcca

Purpose: Approval of a culvert construction plan for replacement of a timber bridge with a culvert crossing within the main branch of Anoka County Ditch 31.

Exhibits: 1. Permit Application dated February 13, 1995, received February 14, 1995.

2. Project Sketch Plan, undated, received February 14, 1995.
3. Inspection report for Anoka County Ditch 31, prepared by Montgomery Watson, dated June 21, 1994.

Findings: 1. Applicant wishes to replace a crossing which was disturbed by the County Ditch 31 maintenance project. The 1994 inspection report identified the timber bridge as in poor condition.

2. The specific size and invert elevation for the culvert was determined by the official profile of County Ditch 31 as identified in the county Ditch 31 inspection report.
3. To prevent future erosion problems, the sideslopes of the embankments covering the culvert should be no more than 2:1 and should be covered by either a fiber blanket, staked side, or property-sized riprap.

3/17/95
EJT

Permit Application No. 95-14: Dick Dunsmore

4. The typical cash surety for a driveway crossing for a public ditch is \$1,000. This amount has been reduced to \$500 because this crossing will be a smaller crossing used primarily as a foot path.

Board Action:

Consent C/R 5-0

*Stat
3-24-95/BT*

3/17/95
EJT

Recommendation: Table pending receipt of:

1. Narrative and supporting hydrologic calculations addressing stormwater treatment options.
2. Revised construction plans reflecting RCWD water quality requirements.
3. Cash surety in an amount to be determined.

Location: Wildwood and Park Avenue between Hickory and Wildwood Beach Road, Mahtomedi.

T-R-S: 30-21-29 b and c

Purpose: Approval of a Roadway Construction Plan for 4,000± feet of roadway.

- Exhibits:
1. Permit Application, unsigned, undated, received February 13, 1995.
 2. Construction plans prepared by MSA, dated February 10, 1995, received February 13, 1995.
 3. Construction specifications prepared by MSA, dated February 3, 1995, received February 13, 1995.

- Findings:
1. The project involves construction of 4,040 feet of roadway and associated storm sewers and watermain. Three independent storm sewer systems are to be installed.
 2. Each of the storm sewers discharge directly to White Bear Lake. Two water quality ponds have been specified for construction at the storm sewer outfalls. In the northeasternmost and southeasternmost storm sewer, a sump manhole is to be placed just upstream of the storm sewer outfalls.
 3. Riprap is specified for placement at each storm sewer outfall.
 4. NWI maps for the area show no wetlands along the project grading boundaries.

Board Action:

Present C/R 5-0

Stat
3-24-95/BJ

3/17/95
EJT

Permit Application No. 95-16: Ron Barett

TWAFAA

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

1. A cash surety in the amount of \$250.

Location: South of Peltier Lake Drive, 1,250 feet northeast of intersection of Peltier Lake Drive and CSAH 14, Centerville.

T-R-S: 31-22-15 ddaa

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence, 0.33± acres.

- Exhibits:
1. Permit Application dated February 24, 1995, received February 24, 1995.
 2. Site plan prepared by Blake Rivard, dated February 15, 1995, received February 24, 1995.
 3. RCWD Permit Files 90-75, 91-130, 92-76, 93-80, 94-169.

- Findings:
1. Site is located on south side of Peltier Lake Drive. Peltier Lake is approximately 200 feet north of site.
 2. The proposed lowest floor elevation is 902.0, 15 feet above the 100-year floodplain of Peltier Lake (887.0).
 3. The setback for Peltier Lake is 150 feet as it has Natural Environment classification.
 4. NWI maps show the site to be adjacent to a Type II (PEMB) wetland. The wetland does not appear to exist within the Applicant's property boundary.
 5. Erosion control silt fence is to be placed along the eastern property edge downslope of all graded areas.

Board Action: *Consent C/R 5-0*

Stat
3-24-95
BT

3/17/95
EJT

Recommendation: Table pending receipt of:

1. Revised Development Plan in accordance with District floodplain standards.

2. Cash surety in the amount of \$1,000.

Location: 7075-24th Avenue South, Centerville. *3. Engineer's review of flood elevations expected after completion of Centerville Flood reduction project.*

T-R-S: 31-22-24 bb

Purpose: Approval of a Final Site Drainage Plan for construction of an addition to an industrial facility, 1.4± acres.

Exhibits: 1. Permit Application dated February 24, 1995, received March 8, 1995.

2. Site plan prepared by NAI Architects, dated February 28, 1995.

3. RCWD Permit File 87-51.

Findings: 1. The 100-year floodplain for the site is 906.0 per FIS. The majority of the area to be developed is below this elevation. The lowest floor as specified on the construction plans is at 907.5.

2. The project site is located within a development area approved under RCWD Permit 87-51. The 1987 plan included stormwater ponding for this site.

3. Applicant is proposing construction of 0.5± acres of impervious area on a 1.4± acre lot.

4. NWI maps and aerial photos for the area show no wetlands on site.

Board Action:

~~results to cut & fill~~
MSP: RMH/AJC⁵⁻⁰: Table to 4-12-95:

*Stat out
3-24-95/
BT*

Permit Application No. 95-18: Mermaid Supper Club

APP
FWAFAA

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

1. Cash surety in the amount of \$2,000, rec'd 3/22/95

Location: Southwest quadrant of Highway 10 and County Road H, Mounds View.

T-R-S: 30-23-8 dcac

Purpose: Approval of a Final Site Drainage Plan for redevelopment of an existing commercial site for construction of a hotel/banquet center, 17.5± acres.

- Exhibits:
1. Permit Application dated March 6, 1995, received March 8, 1995.
 2. Drainage Plan prepared by Roger Nelson, dated March 6, 1995, received March 9, 1995.
 3. Drainage calculations prepared by Roger Nelson, dated March 6, 1995, received March 9, 1995.
 4. Pre-Permit File prepared by Eric Thompson, dated February 8, 1995.

- Findings:
1. The Applicant is proposing construction of a new detention area primarily for water quality treatment. While rate control is not specifically required because the area is currently nearly 100% impervious, some rate control is provided by the ponding area. The 1-year storm is affected little, but the 100-year storm peak discharge is reduced by 20% from 35.8 cfs to 28 cfs.
 2. To meet District requirements for stormwater quality, the pond must have a dead storage volume equal to the runoff from a 2.5-inch storm over the redeveloped area. For this site, the volume required is 0.65 ac-ft. the detention pond incorporates 0.80 ac-ft of dead storage.
 3. There are no wetland impacts associated with this project.

Board Action:

MSP: AGC/CUR 5-0 App'l.

Approval

Issued
3-23-95
JK

3/17/95
EJT

Permit Application No. 95-19:

KENNETH J WILSON

APP

TWAFAA

Recommendation:

~~Table with authorization for administrative action pending receipt of:~~ APPROVAL

~~4. Revised Stormwater Plan showing increased permanent pool volume in detention ponds and subwatershed drainage areas.~~

~~Stormwater~~ ^{treatment} calculations, ^{prepared by Comstock & Davis,} demonstrating that water quality requirements are satisfied. rec'd 3/22/95.

Location: 12912 Farnham Avenue, Hugo.

T-R-S: 31-21-31 aaab

Purpose: Approval of renewal of RCWD Permit 92-11 for a Final Site Drainage Plan for construction of an addition to an existing industrial facility, 23.2 acres.

Exhibits: 1. Permit Application dated March 8, 1995, received March 9, 1995.
2. Grading, Erosion Control, and Development Plan prepared by Comstock and Davis, last revised January 31, 1992, received March 9, 1995.

3. RCWD Permit Files 80-120, 84-62, 88-179, 92-11.

Findings:

1. The submitted plans are exactly the same as those submitted under RCWD Permit 92-11. This application is being treated as a renewal request.

2. Rate control is not an issue as the existing site is nearly 100% impervious.

3. Since 1992 when the last permit was approved, the District has adopted more stringent water quality requirements for stormwater discharge. This Permit Application must be revised to address this prior to approval.

4. A \$1,000 cash surety is on file under RCWD Permit 92-11.

5. There will be no wetland impacts associated with this project.

Board Action:

Comment C/R 5-0
Approval

Issued 3-23-95/JK

3/17/95
EJT

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

1. Wetland Delineation Report and field verification of wetland boundaries when spring ground conditions permit.
2. Cash surety in the amount of \$1,000.

Stipulation: All wetland boundaries and grading areas shall be clearly marked prior to construction.

Location: Northeast quadrant of Highway 61 and 190th Street North, Forest Lake Township.

T-R-S: 32-21-29 dddc

Purpose: Approval of a Final Site Drainage Plan for construction of a church and parking lot, 5.8± acres.

- Exhibits:
1. Permit Application dated March 3, 1995, received March 8, 1995.
 2. Grading, Drainage, and Erosion Control Plan prepared by R. Nelson, dated March 6, 1995, received March 9, 1995.
 3. Drainage calculations prepared by R. Nelson, dated March 2, 1995, received March 9, 1995.

- Findings:
1. The Grading Plan indicates three wetlands on site. This is confirmed by NWI maps for the area. The wetlands were identified by the Washington County Conservation District but have not been staked in the field. According to the Grading Plan, grading activities will occur very close to the boundary of the northernmost wetland. To avoid any unintentional impact, these boundaries will need to be staked prior to construction.
 2. The lowest floor of the church will be 950.0, over 30 feet above the nearest floodplain.
 3. Rate control of water quality concerns for site runoff are addressed by a small on-site detention pond. The developed condition actually reduces off-site peak flows for the 100-year storm by 30% over existing conditions.
 4. Adequate permanent pool volume is specified for water quality concerns.

Board Action:

Consent C/R 5-0
stat
3-24-95

3/17/95
EJT

Recommendation: Table pending receipt of:

1. Field verification (with documentation) of wetland boundaries when spring/summer conditions permit.
2. Technical Evaluation Panel review and concurrence with WCA exempt status for wetlands W1 and W2a.
3. Alternative plan which avoids wetland impacts in accordance with WCA sequencing requirements.
4. Outlet control structure design details.
5. Revised Erosion Control Plan specifying riprap at all storm sewer outfalls.
6. Document conveying easements over all wetland and stormwater facilities.
7. Cash surety in the amount of \$7,800.

Location: Northeast quadrant of Hamline Avenue and Sunview Drive, Shoreview.

T-R-S: 30-23-3 dbb

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a residential development to be known as Townhomes of Willow Creek, 76 townhomes, 12.7± acres.

Exhibits:

1. Permit Application dated March 9, 1995, received March 9, 1995.
2. Preliminary Grading Plan prepared by MFRA, dated February 14, 1995, received March 9, 1995.
3. Stormwater drainage calculations prepared by MFRA, dated February 13, 1995, received March 9, 1995.
4. Wetland Delineation Report and Replacement Plan Application prepared by MFRA, dated February 14, 1995, received March 9, 1995.
5. RCWD Permit Files 82-98, 84-67, 87-31, 87-67, 88-135.

Findings:

1. The Grading Plan identifies seven wetland areas, five of which will be impacted. A total loss of 0.41± acres of wetland is proposed. The Applicant is claiming exemptions for 0.19± acres of impact and is proposing creation of 0.43± acres of wetland as replacement for nonexempt impact. This provides a minimum 2:1 replacement ratio. Three on-site replacement areas are proposed adjacent to the wetlands on the eastern property border. No concentrated stormwater flows are directed to these areas.

3/17/95
EJT

Permit Application No. 95-21: Bruggeman Construction Company

3. FIS maps show Zone A floodplain on site. The 1992 RCWD flood study shows this elevation to be 888.7. The highest flood elevation in a ponding area is 896.0. The lowest floor specified for the site is 898.5. This satisfies District requirements.

Board Action:

Consent C/R 5-0

*Stat/BT
3-24-95*

3/17/95
EJT

Permit Application No. 95-22: Walter's Recycling and Refuse Service TWAFAA

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

1. Field verification of wetland boundaries when spring ground conditions permit.
2. A revised Erosion Control Plan showing silt fence placement locations.
3. Cash surety in the amount of \$2,000.

Location: 700 feet west of southwest quadrant of 101st Avenue and Flanders Street, Blaine.

T-R-S: 31-23-27 bab

Purpose: Approval of a Final Site Drainage Plan for construction of site improvements for an industrial facility, 4.5± acres.

- Exhibits:
1. Permit Application dated March 7, 1995, received March 9, 1995.
 2. Site plan prepared by Pioneer Engineering, dated March 8, 1995, received March 9, 1995.
 3. Wetland Delineation Report prepared by Summit Enviro Solutions, dated March 9, 1995, received March 9, 1995.
 4. Drainage calculations prepared by Pioneer Engineering, dated March 8, 1995, received March 9, 1995.
 5. RCWD Permit File 93-190.

- Findings:
1. The Grading Plan shows three wetlands on site. The easternmost wetlands are Type III (PEMC) wetlands. The westernmost wetland is DNR Protected Wetland 589W. No impacts are proposed for these wetlands.
 2. A large two-cell detention pond has been included to treat and control stormwater runoff. The design exceeds current District requirements for both rate control and permanent pool volume.
 3. No additional buildings will be created as a part of this project.

Board Action: *Consent C/R 5-0*

Stat
3-24-95/BT

3/17/95
EJT

Permit Application No. 95-23: John and Martha Gabbert

NPR

Recommendation: No permit required. *because * (insert)*

Location: Southwest corner of County Road C2 and Snelling Avenue North, Roseville.

T-R-S: 29-23-4 aaac

Purpose: Approval of a Final Site Drainage Plan for construction of a new commercial facility to be known as Room and Board, Inc., 1.75± acres.

Exhibits: 1. Permit Application dated March 8, 1995, received March 9, 1995.
2. Erosion Control Plan prepared by Paramount Engineering, undated, received March 9, 1995.
3. RCWD Permit File 94-104.

Findings: 1. **(insert)* The project area was included in the Drainage Plan for the Lincoln Drive Roadway Extension Project approved by the District under RCWD Permit 94-104.
2. A detailed Erosion Control Plan has been submitted which shows silt fence, straw bale sediment barriers at storm sewer inlets, and rock construction entrances.
3. The project as submitted is in accordance with RCWD Permit 94-104.

Board Action:

Consent C/R 5-0

*Atat
3-24-95/BT*

3/17/95
EJT

Permit Application No. 95-24:

Gor-Em L.L.C.

TAB

Recommendation: Table pending receipt of:

- ① 1. ~~Fulfillment~~ of WCA public notice requirements.
2. RCWD Board discussion on wetland impact avoidance/WCA sequencing. *handled 3/22/95*
- ② 3. Cash surety in the amount of \$21,500.

Location: Southeast quadrant of Cedar Street and Otter Lake Road, Lino Lakes.

T-R-S: 31-22-25 accc

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development to be known as Clearwater Creek, 161 lots, 113± acres.

- Exhibits:
1. Permit Application February 27, 1995, received March 9, 1995.
 2. Wetland Delineation Report prepared by Wetlands Engineering Technology, dated June 3, 1994, received March 9, 1995.
 3. WCA Wetland Replacement Application, dated March 9, 1995, received March 9, 1995.
 4. Preliminary plat prepared by Midwest Land Surveyors and Civil Engineers, last revised March 16, 1995, received March 16, 1995.
 5. Subwatershed drainage map prepared by Midwest Land Surveyors and Civil Engineers, dated March 16, 1995, received March 16, 1995.
 6. Drainage calculations prepared by Midwest Land Surveyors and Civil Engineers, last revised March 16, 1995, received March 16, 1995.
 7. Grading Plan prepared by Midwest Land Surveyors and Civil Engineers, last revised March 16, 1995, received March 16, 1995.
 8. Mitigation Plan prepared by Midwest Land Surveyors and Civil Engineers, dated March 9, 1995, received March 9, 1995.

- Findings:
1. The site is approximately 30% wetland. The Applicant proposes placement of fill in three wetland areas which will impact a total area of 0.43 acres. A 2:1 replacement ratio is proposed. All replacement wetlands will be on site.
 2. Stormwater treatment for the north and central portions of the site is achieved through use of three ponds which have dead storage designed according to District standards. The ponds/wetlands are connected by a branch of Anoka-Washington Judicial Ditch 3.

3/17/95
EJT

4. The project proposes placement of a 300-foot long, 42-inch RCP culvert in Branch 4 of Anoka-Washington Judicial Ditch 3 at approximately sta 8+60. Branch 4 joins the main ditch near sta 105+00 at elevation 899.0. The culvert at 35-W upstream of the proposed crossing has a downstream invert of 908.9. Branch 4 is approximately 6,300 feet long with an average slope of 0.0016 ft/ft. Using this approximate slope, the centerline invert of the proposed culvert should be 907.5. The Grading Plan has been revised to show the culvert placed at the proper elevation.
5. The detention ponds provide adequate rate control for the developed project when compared to existing conditions. Peak discharges through Clearwater Creek are reduced by 10% for both the 1- and 100-year rainfall events. Peak discharges to the eastern wetland (and indirectly to Clearwater Creek) are relatively unchanged for the 1-year event but are reduced by 15% for the 100-year storm.
6. The total volume of runoff from the developed condition is increased by 1.6 ac-ft for a 1-year storm and 5.2 ac-ft for a 100-year storm. Assuming an average discharge rate equal to one-half the peak discharge for each watershed, this extra volume will flow into the ditch and wetland over a period of three to four hours (very fast response).
7. The cash surety was determined by grading (3,000 + \$200/acre over 10) and wetland replacement (500 + \$10,000/acre) requirements.

Board Action:

MSP RMH/CUR 5-0

- Table PRO. →
1. from p. 25
 2. ~~(already handled this)~~
 3. from p. 25
 4. Engineer review of ^{later} low-flow damage study
 5. Investigation of drain tile outlets of interior
 6. basin
Review of culvert sizing under proposed Street A.
 7. ~~Review~~ Additional review of runoff volume effects on downstream drainage system

CUT FLOODPLAIN
TO OBTAIN MORE VOLUME

3/17/95
EJT

Recommendation: Table pending receipt of:

1. Revised Erosion Control Plan with silt fence placed upslope of all wetland areas, around replacement wetlands, and at boundaries of wetland fill. Also, a bale check should be specified for the catchbasins east of Road D, riprap at all storm sewer outfalls, and a seeding, sodding, and mulching schedule.
2. Revised Preliminary Plat showing easements over all wetland and hydraulic features including the stormwater basin in Lots 1, 2, 3, of Block 5.
3. Revised Stormwater Management Plan showing (a) ^{proposed} ~~outlet~~ outlet to the detention pond behind Lots 29, 30, 36, and 37 of Block 5, (b) purpose of the detention pond behind Lots 6 and 7 of Block 2, (c) existing and proposed subwatersheds, and (d) clear labeling of pond numbers, NWL, 1-year, and 100-year water levels in all ponding areas and wetlands.
4. Outlet control structure design details for every detention pond showing all dimensions and elevations.
5. WCA sequencing narrative and wetland replacement plan application.
6. Fulfillment of WCA public notification requirements.
7. Cash surety in the amount of \$5,000.

B. Documentation of permission for off-site grading required for storm sewer outfall under Holly Dr.

9. ~~Documentation of~~ Narrative documenting adequacy of conveyance routes to the County Ditch system.

Location: Northwest and southwest quadrants of Holly Drive and 12th Avenue, Lino Lakes.

T-R-S: 31-22-28, 33

Purpose: Approval of a Final Site Drainage Plan for a single family residential development to be known as Trappers Crossing, ~~121~~ ¹¹⁵ lots, 73.5± acres.

- Exhibits:
1. Permit Application dated March 9, 1995, received March 9, 1995.
 2. Wetland Delineation Re-Evaluation Report prepared by Lori Marfo, dated April 25, 1994, received March 9, 1995. ^{MARCO}
 3. Hydraulic calculations, unsigned, dated February 26, 1995, received March 9, 1995.
 4. Preliminary plat prepared by Paramount Engineering, dated March 8, 1995, received March 9, 1995.
 5. Grading, Erosion Control, and Wetland Alteration Plans prepared by Paramount Engineering, dated March 8, 1995, received March 9, 1995.

3/17/95
EJT

Permit Application No. 95-25: Hokanson Development Co.

6. RCWD Permit Files 93-213 and 94-114.

Findings:

1. Applicant has submitted a new application for an action which is actually a continuation of RCWD Permit 94-114. Because Permit 94-114 has been inactive for nine months, a new application has been submitted for review under the new fee structure.
2. The Applicant is proposing a total of approximately 8,500 sq ft of wetland impact for two wetland fill activities. An on-site mitigation area of roughly 18,500 sq ft is proposed. There has been no wetland replacement plan received.
3. A detailed Erosion Control Plan including silt fence, rock construction entrances, and bale checks at storm sewer catchbasins has been specified. No seeding or sodding schedule has been proposed nor has riprap been specified for any of the numerous storm sewer outfalls.
4. Stormwater rate control and water quality issues will be addressed following receipt of a revised Stormwater Management Plan.

Board Action:

*MSP Table
CUR/BATH 5-0*

*Stat
3-21-95/BT*

3/17/95
EJT

Permit Application No. 95-26: Ballinger Enterprises

TWAFAA

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

1. Clarification by the City of Roseville that the roadside ditch south of County Road C drains to the Twin Lakes Parkway ponds southeast of Langton Lake.
2. Cash surety in the amount of \$500.

Location: 1920 west County Road C, Roseville.

T-R-S: 29-23-9 baaa

Purpose: Approval of a Final Site Drainage Plan for construction of an industrial facility, 2.6± acres.

- Exhibits:
1. Permit Application dated March 8, 1995, received March 9, 1995.
 2. Grading and Drainage Plan prepared by Stevens Engineering, dated December 23, 1994, received March 9, 1995.
 3. Drainage calculations prepared by Stevens Engineering, dated March 8, 1995, received March 9, 1995.
 4. RCWD Permit Files 94-50 and 94-120.

- Findings:
1. The project is located in the southeast drainage area of the Langton Lake subwatershed. RCWD Permit 94-50 approved a Drainage Plan which was for construction of two stormwater ponds at Twin Lakes Parkway and Langton Lake. These ponds were sized to treat runoff from the southeast region. There are no runoff rate or water quality issues for this site which have not been addressed under the 1994 permit.
 2. The Applicant has submitted a satisfactory Erosion Control Plan.

Board Action:

Consent CR 5-0

Stat
3-24-95/BS

3/17/95
EJT

Permit Application No. 95-27: B & F Companies

APP

Recommendation: Approval of renewal.

Location: 10130 Sunset Road, Blaine.

T-R-S: 31-22-19 cdc

Purpose: Approval of renewal of RCWD Permit 94-61 for discharge of treated petroleum-contaminated groundwater to Rice Lake.

- Exhibits:
1. Permit Application dated March 7, 1995, received March 9, 1995.
 2. Project narrative prepared by DPRA, dated April 4, 1994, received April 5, 1994.
 3. RCWD Permit Files 93-62 and 94-61.

- Findings:
1. This Permit Application is a request for approval of an on-going treatment project for cleanup of contaminated groundwater and discharge to Rice Lake.
 2. This is the second renewal of this permit. Applicant proposes no changes to the plans approved under RCWD File 94-61.
 3. The Applicant has an approved National Pollutant Discharge Elimination System (NPDES) Permit issued by the Minnesota Pollution Control Agency.
 4. DPRA has been authorized to act as the property owner for the purposes of carrying out this permit activity. A letter to this effect is on file at the Rice Creek District Office.

Board Action: MSP
Approval
AJC/RMH 5-0

Issued 3-23-95
JK

3/17/95
EJT

Permit Application No. 95-28: Bethel College

APP

Recommendation: Approval of renewal.

Stipulation: RCWD approval will be required for future construction of the running track facility.

Location: Southeast corner of Bethel College, Arden Hills.

T-R-S: 30-23-27 cabb

Purpose: Approval of renewal of RCWD Permit 93-163 for a Final Site Drainage Plan for construction of football/soccer game and practice fields.

Exhibits: 1. Permit Application dated March 9, 1995, received March 9, 1995.
2. RCWD Permit File 93-163.

Findings: 1. This is the first renewal of this permit.
2. A \$2,000 cash surety is on file under RCWD Permit 93-163.
3. The proposed project meets all current standards for runoff rate and water quality.

Board Action:

Consent C/R 5-0

Revised 3-23-95 JH

3/17/95
EJT

Permit Application No. 95-29: Robert Lendway

TWAFAA

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

1. Field verification of wetland boundaries when spring ground conditions permit.

2. Erosion Control Plan. *by Robert Lendway rec'd 3-21-95*

3. Cash surety in the amount of \$500. *rec'd 3-21-95*

Location: 5699 Turtle Lake Road, Shoreview.

T-R-S: 30-23-1 caac

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for subdivision of two 1.4± acre lots from a 4.7-acre parcel.

Exhibits:

1. Permit Application dated March 10, 1995, received March 10, 1995.
2. Wetland Delineation Report prepared by Professional Engineering Consultants, dated October 21, 1994, received March 9, 1995.
3. Letter to City of Shoreview requesting WCA Exemption 25 (deminimus) for wetland fill of 400 sq ft, prepared by Professional Engineering Consultants, dated February 13, 1995, received March 9 1995.
4. Grading Plan prepared by Carley Torgerson Land Surveyors, dated March 7, 1995, received March 9, 1995.

Findings: *→ 5. x 6.*

1. The proposed project will result in negligible impact on discharge rates and water quality due to its small size.
2. 400 sq ft of wetland will be filled to allow a slightly larger, more uniform backyard for one of the new homes. WCA Exemption 25 will allow this.

Board Action:

*MSP Utilized as Rec.
AR/BAT 5-0*

*Stat
3-24-95
BT*

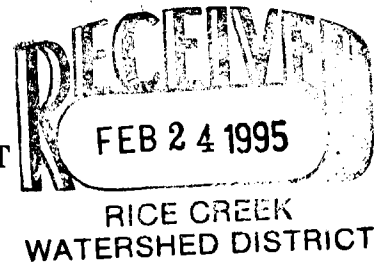
3/17/95
EJT

LOGGED ACTION: 2-23-95/BT
COPIED TO FILES: 2-23-95/BT
TYPED: 3-27-95/JK

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

FEBRUARY 22, 1995



It was moved by _____ and seconded by _____ to approve, ratify, table with authorization for administrative action, table, or withdraw the Permit Applications noted in the following table of contents in accordance with the District Engineer's Recommendation, as contained in the Engineer's Report dated February 17, 1995.

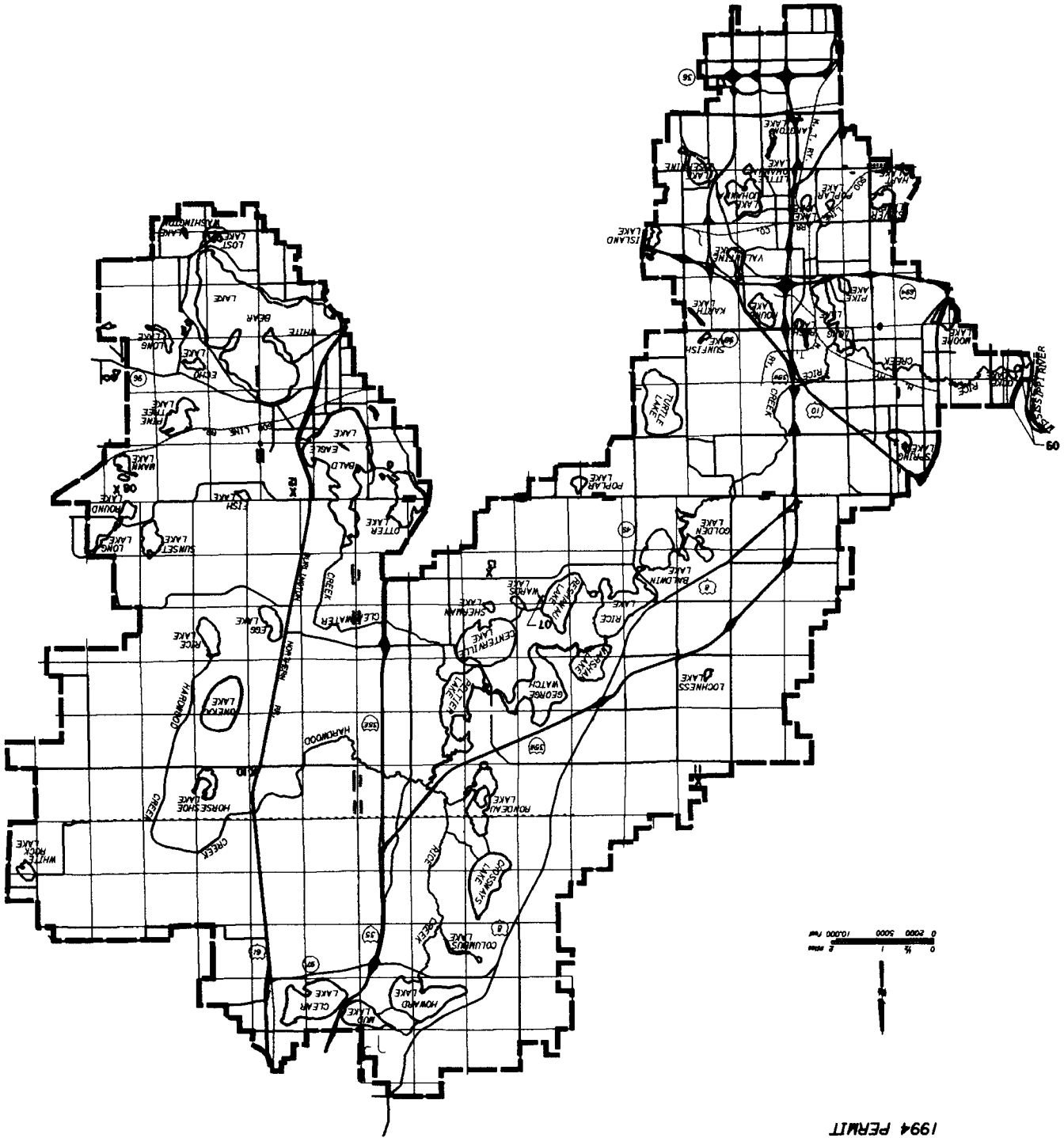
RICE CREEK WATERSHED DISTRICT

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* To be presented



RICE CREEK
WATERSHED DISTRICT
1994 PERMIT

Recommendation: Ratification of administrative approval.

Location: Northwest quadrant of Harrow Avenue and Henna Avenue, Forest Lake Township.

T-R-S: 32-21-34 bddc

Purpose: Approval of a Wetland Alteration Plan for construction of a wildlife pond riparian to Hardwood Creek, 2± acres.

- Exhibits:
1. Permit Application, dated November 30, 1994, received December 1, 1994.
 2. Pond Design Plan, undated, received December 1, 1994.
 3. Cash surety in the amount of \$250, received January 18, 1995.

- Findings:
1. The pond will be constructed with a maximum depth of 7± feet and a maximum diameter of 300± feet with a side slope of approximately 1:8.
 2. NWI maps for the area show Type II (PEMB) wetlands on site. The pond design plan shows the pond to be located within this wetland.
 3. Spoils from the pond will be removed from the site.
 4. The pond will be located approximately 100 feet south of the centerline of Hardwood Creek.

Board Action:

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

~~Final Review Drawing Plan for the project~~
~~Project~~

1. Cash surety in the amount of \$2,000.

rec'd 2/22/95

Location: 3900 Bethel Drive, Arden Hills.

T-R-S: 30-23-27

Purpose: Approval of a Final Site Drainage Plan for construction of additions to four campus buildings.

- Exhibits:
1. Permit Application, dated December 15, 1994, received December 15, 1994.
 2. Site Plan, undated, received December 15, 1994.
 3. Erosion Control Plan. Undated, received February 9, 1995.
 4. Site wetlands analysis prepared by Frederick Bente, Milo Thompson, Robert Rietow, Inc., undated, received December 15, 1994.
 5. Narrative describing easement rights prepared by Barton Aschman Associates, Inc., dated December 9, 1994, received December 15, 1994.
 6. RCWD Permit Files 74-63, 78-12, 78-97, 80-119, 83-10, 84-101, 88-45, 89-08, 91-18, 92-17, 93-163, and 94-129.

Findings:

1. Applicant proposes construction of four building additions with a total area of 10,000± sq ft.
2. The project proposes construction of a building within an easement granted to RCWD. The easement has a clause which allows uses which do not impede flow in the ditch. Such uses include building additions. As the 100-year flood is approximately 88 feet and the elevation of the building is above 890 feet, this is allowable.
3. There are no wetland impacts associated with this project.
4. No stormwater management (rate control and quality) concerns have been addressed.

Board Action:

Approved.

2/17/95
EJT

Permit Application No. 94-210: Roger A. Pfiffner

RAT

Recommendation: Ratification of administrative approval.

Location: Northeast quadrant of Dahlia Street and Warner Road, Mahtomedi.

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

Purpose: Approval of a Wetland Alteration Plan for placement of fill to create a building addition.

- Exhibits:
1. Permit Application, dated December 14, 1994, received December 15, 1994.
 2. Project narrative prepared by Applicant, dated December 14, 1994, received December 15, 1994.
 3. RCWD Permit File 94-92.
 4. Cash surety in the amount of \$500, received January 17, 1995.

- Findings:
1. Applicant proposes to place 390± sq ft of fill in Lot 5 of Briar Creek Addition.
 2. The wetland area was granted as an easement under RCWD Permit 94-92.
 3. The Applicant is eligible for WCA Exemption 25 which applies to wetland fill activities which are under 400 sq ft in area and result in a total loss of less than 5% of the original wetland surface area.
 4. The wetland area on the Briar Creek property is approximately 71,000 sq ft in size and 5% of this area is 3,500 sq ft. This fill will not result in over 5% of the wetland being destroyed.

Board Action: *5. A PHONE CALL TO THE CITY OF MAHTOMEDI ON TUESDAY FEB 21 REVEALED THAT THE CITY DID NOT APPROVE THIS PROJECT.*

2/17/95
EJT

Recommendation: Approval:

Stipulation: At the time either property is scheduled for construction, an approved RCWD Final Site Drainage Plan will be required.

Location: Southeast quadrant of I-35W and Highway 97, Columbus Township.

T-R-S: 32-22-24 acaa

Purpose: Approval of a Land Development Plan for subdivision of a 3.4± acre parcel from a 14.8-acre property.

- Exhibits:
1. Permit Application, dated December 15, 1994, received February 3, 1995.
 2. Boundary surveys identifying easements over wetlands prepared by E. G. Rud and Sons, dated January 4, 1995, received January 9, 1995.
 3. Wetland Delineation Report, prepared by SEH, dated November 22, 1994, received December 15, 1994.

- Findings:
1. No cash surety is recommended as Applicant is proposing no construction activities at this time.
 2. The boundary survey shows two wetlands on the larger developed site. A site inspection will need to be performed to verify this.

Board Action:

2/17/95
EJT

Permit Application No. 95-05: MDI Limited Partnership #51

RAT

Recommendation: Ratification of administrative approval.

Location: 200 feet north of the northeast quadrant of 12th Street and Division Avenue, White Bear Lake.

T-R-S: 30-22-11 adbd

Purpose: Approval of a Land Development Plan for a townhouse development to be known as White Bear Townhomes, 22 units, 2.6 acres.

- Exhibits:
1. Permit Application, dated January 12, 1995, received January 12, 1995.
 2. Preliminary Grading and Drainage Plan prepared by Charles Plowe, last revised January 24, 1995, received January 26, 1995.
 3. Preliminary plat prepared by Charles Plowe, dated January 24, 1995, received January 26, 1996.
 4. Drainage calculations prepared by Charles Plowe, dated January 12, 1995, received January 12, 1995.
 5. Wetland delineation report prepared by SEH, dated January 12, 1995, received January 13, 1995.
 6. Cash surety in the amount of \$2,000, received February 1, 1995.

- Findings:
1. NWI maps show a large Type III (PEMC) wetland bordering the site on the north. This wetland is indicated on the Grading Plan. A field inspection by the District Administrator confirms no wetland impacts other than the 350 sq ft of fill which is exempt under WCA Exemption 25.
 2. Site Development Plans include a detention pond which provides rate control and treatment in accordance with District requirements.
 3. The pond discharges to the large wetland, acting as a two-cell system for stormwater treatment.
 4. Erosion control silt fence is specified for placement around the north and east edges of the site upslope of the wetland.
 5. Minimum floor elevations of the proposed buildings are over 2 feet above the roadway overflow elevation.

Board Action:

2/17/95
EJT

Permit Application No. 95-07: Roger W. Nelson

APP

~~7/11/95~~

Recommendation:

APPROVAL OF RENEWAL

~~While this permit is for a single family residential development to be known as Lakes Additions No. 2 and 3, 15 lots, 7± acres. It is a renewal of RCWD Permit 93-209.~~

Location: Northeast quadrant of Black Duck Drive and Lantern Lane, Lino Lakes.

T-R-S: 31-22-28 abbb

Purpose: Approval of renewal of RCWD Permit 93-209 for a Land Development Plan for a single family residential development to be known as Lakes Additions No. 2 and 3, 15 lots, 7± acres.

Exhibits: 1. Permit Application, dated January 20, 1995, received January 23, 1995.

2

2. RCWD Permit Files 88-100, 92-142, and 93-209.

Findings:

1. Applicant has proposed no changes in plans previously approved under RCWD Permit 93-209.
2. This is the second renewal of this permit.
3. A cash surety in the amount of \$2,000 is on file under RCWD Permit 93-209.
4. There are some wetland impacts associated with this project. The impacts are exempt from WCA under Exemption 24 which applies to site development in areas where infrastructure is already in place.
5. The site is ~~permitted~~ ^{PERMITTED} under DNR authority. RCWD Permit 93-209 included an extension for a DNR protected waters permit which expired on November 30, 1994.

Board Action:

LETTER TO APPLICANT FROM MN DNR GRANTING ~~AN~~ EXTENSION OF DNR PERMIT 93-6083 UNTIL NOV 30, 1996. DATED DEC 22, 1994, REC'D FEB 17, 1995.

2/17/95
EJT

Permit Application No. 95-08: Barr and Harley Development

TWAFPA
TAB

Recommendation: Table pending receipt of: WITH AUTHORIZATION FOR ADMINISTRATIVE ACTION

1. Completion of public notice requirements. (W.C.A.)

~~2. Revised preliminary plat showing easements over replacement wetlands, and other hydrologic features.~~

2. REVISED PRELIMINARY PLAT SHOWING EASEMENTS OVER REPLACEMENT WETLANDS

3. Revised stormwater calculations including, verification that off-site runoff rate control is maintained for developed conditions for both 1 and 100-year storm events, clarification of duplicate subwatershed numbers in hydrologic calculations, re-routing of runoff to show effect of culverts on developed condition drainage, and verification of subwatershed hydrologic characteristics.

~~4. Declaration of 100-year high water levels in replacement wetlands.~~

~~5. Declaration of building setbacks.~~

~~6. Declaration of area and use restrictions.~~

~~7. Declaration of building setbacks, and other hydrologic features.~~

~~8. Declaration of water quality basins for runoff from roadway.~~

Stipulations: 4. Cash surety in the amount of \$6,400.
5. Wetland Replacement Fee of \$500.
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
2. The Declaration of Restrictions and Covenants for Replacement Wetlands, the Affidavit of Landowner(s), and the Consent to 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.

Location: Extension of Isleton Avenue Court between Mann Lake and Round Lake, Grant Township.

T-R-S: 30-21-4 aaca

2/17/95
EJT

Permit Application No. 95-08: Barr and Harley Development

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Mann Lake Estates III, 29 lots, 290± acres.

- Exhibits:
1. Permit Application, dated January 27, 1995, received January 27, 1995.
 2. Drainage report prepared by Nyhus Engineering, dated January 24, 1995, received January 27, 1995.
 3. Predeveloped, developed, and soils drainage plans, prepared by Nyhus Engineering, dated January 23, 1995, received January 27, 1995.
 4. Grading and Erosion Control Plan, prepared by Nyhus Engineering, dated February 3, 1995, received February 9, 1995.
 5. PRELIMINARY PLAT, PREP'D BY ~~MANNA ENGINEERING, P.C.~~ BRUCE FOLZ & ASSOC. DATED ~~1-27-95~~ 7-1-94
 5. WCA Replacement Plan Application prepared by Applicant, dated January 27, 1995, received January 27, 1995. REC'D 2-21-95
 6. Sequencing Narrative, unsigned, undated, received January 27, 1995.
 7. U.S. Army COE Nationwide Permit, dated January 6, 1995, received January 27, 1995.
 8. Wetland delineation report, prepared by the Washington County Soil and Water Conservation District, dated November 23, 1994, received January 27, 1995.
 9. RCWD Permit Files 93-57, 94-08, and 94-15.

Findings:

1. The proposed project will impact wetland areas. The impacts are itemized as follows: 400 sq ft of a Type II wetland and 600 sq ft, 4,500 sq ft, and 900 sq of three individual Type II/VI wetlands, for a total loss of 6,400 sq ft. A wetland replacement plan with a 2:1 replacement ratio has been received. The wetland impacts are associated with the roadway construction portion of the project.

2. ~~Grading plan identifies 13 and 18 subwatersheds for the undeveloped conditions respectively. However, the model results are based on 8 and 9 subwatersheds, respectively. Furthermore, runoff is routed through only one structure for both conditions while the grading plan shows 6 culverts for developed conditions.~~

4. The \$6,400 value of the cash surety was determined by the following: \$3,000 for a site development with disturbed areas between 5 and 10 acres and \$500 for a Wetland Alteration Plan, plus \$1,000 per acre impact x 12,800 sq ft.

Board Action:

3. ALL ROADWAYS ARE RURAL SECTION. THERE WILL BE NO CONCENTRATED FLOW WHICH WILL REQUIRE TREATMENT
- 2/17/95
EJT
- 8-

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

~~As designed pending area with flood storage volume in accordance with current district requirements.~~

~~As designed pending area with flood storage volume in accordance with current district requirements.~~

• A cash surety in the amount of \$2,000.

Location: 17385 Forest Boulevard North, Hugo.

T-R-S: 31-21-5 dddb

Purpose: Approval of renewal of RCWD Permit 86-117 of a final site drainage plan for construction of new shops building, 7.3± acres.

Exhibits: 1. Permit Application dated February 1, 1995, received February 2, 1995.

2. Site plan prepared by Comstock & Davis, Inc., dated August 18, 1986, received February 2, 1995.

3. PLAN REVISIONS INCORPORATING EROSION CONTROL MEASURES & POND DEED STATE, PREP'D BY APPLICANT, DATED 2-20-95
4. RCWD Permit Files 86-117, 92-12. REC'D 2-20-95

Findings: 1. The site was to be developed originally in 1986. These plans were never realized. In 1992 the land was subdivided under RCWD Permit 92-12. Easements over the future ponding areas were obtained under this permit. The current permit is for construction of a new shops building in Lot C of the subdivision.

2. This is the first renewal of this permit.

3. NWI maps show no wetlands on site.

4. No rate control facilities will be required for this facility as there will be no change in land use.

Board Action:

2/17/95
EJT

Recommendation: No permit required.

Location: 1320 feet north of the NE quadrant of Lever Street and Main Street, Blaine.

T-R-S: 31-23-1 d,b, (c & d)

Purpose: Approval of a wetland alteration plan to construct a driveway and a wildlife pond, 20 acre.

Exhibits: 1. Permit Application dated January 30, 1995, received February 6, 1995.
2. Wetland report prepared by Anoka Conservation District, dated December 27, 1994, received February 6, 1995.

Findings: 1. The project location is outside the boundary of the watershed district. While the property has three common borders with the RCWD, the site is inside the Coon Creek Watershed District.
2. The permit information has been forwarded to Coon Creek Watershed District.

Board Action:

2/17/95
EJT

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

1. Verification of wetland boundaries.
2. Cash surety in the amount of \$2,000.

Location: 2500 feet east of Squadrant of Highway 61 and County Road J, White Bear Township.

T-R-S: 30-22-1 baaa

Purpose: Approval of a land development plan for construction of a single family residential development to be known as White Bear Ponds, Plat 3, 16 lots, 7.8± acres.

- Exhibits:
1. Permit Application dated February 8, 1995, received February 8, 1995.
 2. Preliminary grading plan, received by Charles W. Plowe, last revised February 7, 1995, received February 8, 1995.
 3. Wetland delineation report prepared by Pat Arlig, dated April 28, 1994, received February 9, 1995.
 4. Drainage calculation prepared by Charles Plowe, dated February 7, 1995, received February 9, 1995.
 5. RCWD Permit Files 93-211, 93-212, 94-112.

- Findings:
1. The site is located within the northeast area master plan for White Bear Township as outlined in RCWD permit 93-211. Plat 3 is located immediately west of White Bear Ponds 2nd Addition, and contained within the NE area master plan.
 2. All drainage from the proposed site is routed to an existing pond (NE2-4) north of the site constructed as part of the NE area master plan. The pond was ~~designed~~ ^{DESIGNED} to serve this site and contains excess dead and live storage volumes than required. The existing pond outlets to a large wetland west of the site.
 3. No wetland impacts will occur as a result of this project. Erosion control silt fence is to be placed upstream of the wetland area to the west of the construction limits.
 4. Easements have been granted over the wetland area.
 5. Ground water elevation is approximately 932, 100-year pond elevation is 933.5, lowest easement is 936.5.

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

1. Erosion control plan.
2. Cash surety in the amount of \$250.

Location: 6555 Joyer Lane, Lino Lakes.

T-R-S: 31-22-27 caaa

Purpose: Approval of a final site drainage plan for construction of a single family residence, 5 acres.

Exhibits: 1. Permit Application dated February 8, 1995, received February 9, 1995.

2. Site location map, undated, received February 9, 1995.

Findings: 1. There is a Type III (PEMC) wetland on the western edge of the site. There will be no impact to this wetland.

2. The 100-year flood plain for the area is approximately 890.0 (RCWD TR-20). The ground elevation in the vicinity of the house is 910. The basement floor elevation should be well above (12± ft) the 100-year flood plain.

3. Because of the relatively steep slope to the western edge of the site to the wetland area, an erosion control plan will be required.

Board Action:

2/17/95
EJT

2-8-95 BD. MTG

✓ to see if all utilities are in first.
LOG ACTION: 2-9-95 JRC
TYPE REPORT: 2-17-95 BT
COPY TO FILE: 2-17-95 BT

Permit Application No. 94-143: Forest Lake Contracting, INC,

APP

Recommendation: Approval.

Location: County Road I between Lexington and Hodgson Road, Shoreview.

T-R-S: 30-23-2, 11

Purpose: Approval of a Wetland Alteration Plan and Final Site Drainage Plan for a roadway construction project, 4950 linear feet.

- Exhibits:
1. Permit Application, received February 8, 1995.
 2. Project narrative prepared by Ramsey County, dated August 11, 1994, received August 11, 1994.
 3. Construction plans, dated July 12, 1994, received August 11, 1994.
 4. RCWD Project Review 92R05.
 5. Project narrative prepared by Ramsey County, dated September 14, 1994, received September 20, 1994.
 6. Wetland Delineation Report prepared by Ramsey County, dated October 18, 1995, received October 21, 1994.
 7. Outlet control structure design detail for Lake Avenue stormwater pond, dated December 12, 1994, received January 19, 1995.
 8. Cash surety in the amount of \$8,000, received February 8, 1995.

- Findings:
1. Project entails curb and guttering at County Road I to provide improved control of runoff. A stormwater treatment pond and storm sewer system will be installed under this project.
 2. NWI maps for the region show extensive wetland areas in the project vicinity. Type PEMC/PSSIC/PF01 (III/VI) wetlands lie along the north side of County Road I for 3,500 ft east of Lexington Avenue. Type PEMC/PSSI (III/VI) wetlands are located on the east and west sides of Lake Avenue at County Road I.
 3. The project proposes filling of 0.43 acres of roadside ditch (wetland). The Applicant is requesting Wetland Conservation Act Exemptions 10 and 16 to cover these impacts.
 4. The proposed project involves mitigation of 0.25 acres of wetland impact associated with the Long Lake Road construction project (RCWD Project Review 92R05).
 5. Cash surety value based upon wetland areas impacted and ditch crossings.

2/8/95
EJT

2514.02 29-8-2

Permit Application No. 94-143: Successful Bidder, Ramsey County

6. Easements have been provided for the Lake Avenue treatment pond.
7. The project will not alter the currently existing drainage patterns.

Board Action: *MSP: Apple*
AJC/RMH 4-0

2/8/95
EJT

LOGGED ACTION; 1-26-95/ST
COPIED TO FILES: 1-26-95/ST
TYPED ON ATTACHMENTS: 2-1-95 1 JK
RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

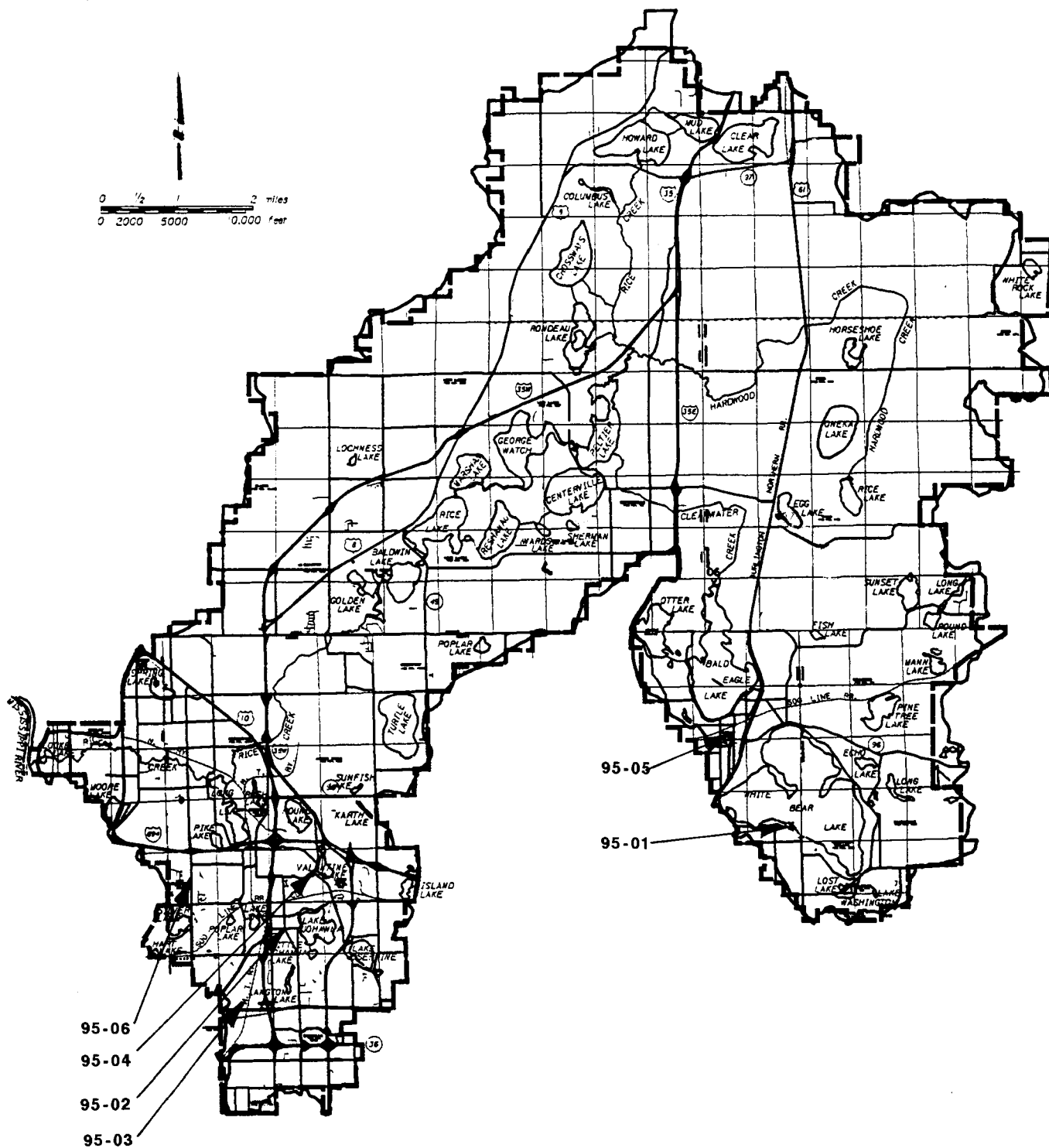
JANUARY 25, 1995



It was moved by Cardinal and seconded by
Hurt to approve, ratify, table with authorization for administrative
action, table, or withdraw the Permit Applications noted in the following table of contents in
accordance with the District Engineer's Recommendation, as contained in the Engineer's Report
dated January 20, 1995. 4-0

FINAL CLEAN
COPY

FM ERIC



MONTGOMERY WATSON

Wayzata, Minnesota

RICE CREEK WATERSHED DISTRICT

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~~MSP 95-06*~~	~~Successful Bidder, Ramsey County~~	~~18~~	~~TWAFAA~~ FAKED PERMIT DISCUSSED TUESDAY

* To be presented

Permit Application No. 94-123: Timothy D. Strong

NPR

Recommendation: No permit required.

Location: Southwest quadrant of Arthur Street and 64th Avenue N., Fridley.

T-R-S: 30-24-13 dba

Purpose: Approval of a Land Development Plan for subdivision of two 0.2-acre lots from a 0.9-acre parcel.

- Exhibits:
1. Permit Application, dated July 12, 1994, received July 13, 1994.
 2. Site survey prepared by Jim Kyra and Associates, Inc., dated July 11, 1994, received July 13, 1994.
 3. NWI maps show a Type PEMBd (II) wetland in the southwest corner of the site. Per the site survey done by the Anoka Conservation District, there are no wetlands on site. As a result, no permit is required for this activity.

Findings:

Board Action:

1/20/95
EJT

Recommendation: Ratification of administrative approval.

Stipulation: Brush piles, stacked wood, and other debris is to be removed from the wetland before return of the surety.

Location: Southeast quadrant of Baldwin Lake Road and White Pine Road, Lino Lakes.

T-R-S: 31-22-31 cbbd

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Woods of Baldwin Lake Second Addition, 13 lots, 5.6± acres.

Exhibits:

1. Permit Application, dated September 14, 1994.
2. Preliminary Grading, Drainage, and Utility Plan prepared by R. Nelson Engineering, last revised September 27, 1994, received September 27, 1994.
3. Preliminary plat prepared by Glenn Rehbein Companies, undated, received September 14, 1994.
4. Calculations for 1- and 100-year runoff and ponding volumes within wetland area prepared by R. Nelson Engineering, dated September 13, 1994, received September 14, 1994.
5. Wetland Delineation Report prepared by Anoka Conservation District, dated July 1, 1994, received September 14, 1994.
6. Cash surety in the amount of \$2,000, received January 10, 1995.

Findings:

1. NWI maps for the region show no wetlands on site. However, there is a small (0.3-acre) wetland shown on the Grading Plan.
2. The applicant proposes filling 400 sq ft of the wetland area for extension of Woodridge Lane to Baldwin Lake Road. This fill would be allowed under Wetland Conservation Act Exemption 25.
3. The Applicant is proposing a small two-cell system for handling stormwater. Roadway runoff will be routed to a small perimeter pond which traps sediment and skims surface discharge prior to outletting. The wetland will outlet through a new outlet to the west into the wetland areas on the southern extension of Baldwin Lake.
4. The existing surface elevation of the wetland is 885.1. The proposed outlet elevation of 886.5 will not dewater the wetland.
5. This Application was TWAFAA'd on September 23, 1994 pending receipt of the cash surety.

Board Action:

1/20/95
EJT

Recommendation: Ratification of administrative approval.

Stipulation: The ditch dredging activities will be limited to restoration of the official cross-section and profile of Ramsey County Ditch 2.

Location: 1427 Rosewood Court, New Brighton.

T-R-S: 30-23-20 bcda

Purpose: Approval of a Wetland Alteration, Ditch Alteration, and Shoreland Improvement Plan for a private boat access riparian to Long Lake and Ramsey County Ditch 2.

- Exhibits:
1. Permit Application, dated September 12, 1994, received September 14, 1994.
 2. Site history narrative prepared by McCombs-Frank Roos Associates, Inc., dated August 19, 1994, received August 19, 1994.
 3. Letter from MDNR to Applicant addressing permit requirements for private boat launch, dated September 19, 1994, received September 20, 1994.
 4. Project description narrative prepared by Applicant, undated, received September 14, 1994.
 5. DNR Protected Waters Permit received January 9, 1995.
 6. Erosion Control Plan prepared by Applicant, undated, received December 29, 1994.
 7. Cash surety in the amount of \$3,000, received January 9, 1995.

- Findings:
1. The Applicant proposes to excavate a boat access channel to Long Lake along Ramsey County Ditch 2.
 2. Through Applicant interaction with the DNR, a revised Excavation Plan has been agreed upon in which a 30-foot wide, 2.5-foot deep accessway will be excavated along the west lot line. All plans for placement of fill in the floodway/floodplain/wetlands have been abandoned. Ramsey County Ditch 2 will be excavated approximately 1 foot in accordance with its legal profile.
 3. The DNR permit will not cover the ditch maintenance activity, only the creation of the boat launch area and associated bank stabilization efforts.
 4. Project site is adjacent to that described in Permit Application 94-160.

Board Action:

1/20/95
EJT

Recommendation: Ratification of administrative approval.

Location: 2975 Partridge Road, Roseville.

T-R-S: 29-23-5 aabc

Purpose: Approval of a Final Site Drainage Plan for construction of additional parking and loading dock areas on an existing industrial facility, 10± acres.

- Exhibits:
1. Permit Application, dated November 10, 1994, received November 10, 1994.
 2. Grading and Utility Plan prepared at Melchert/Block Associates, dated November 10, 1994, received November 10, 1994.
 3. Erosion Control Plan prepared by Melchert/Block Associates, dated December 1, 1994, received December 5, 1994.
 4. RCWD CSMP File 82-05.
 5. Cash surety in the amount of \$1,000, received January 11, 1995.

- Findings:
1. The Applicant is proposing adding approximately 2± acres of impervious area (parking/loading areas) to an existing facility. A 12-inch storm sewer will serve the new area and will tie into the existing storm sewer which drains to a regional pond to the west of the site.
 2. The site is included in Region 8 northwest of the Roseville CSMP. As such, rate control and quality of stormwater discharge is not an issue.
 3. NWI maps for the site show a Type I (PUBF) wetland occupying the northern tip of the site which may be impacted by this project.
 4. A site visit by the District Administrator has verified that there will be no wetland impact associated with this project.

Board Action:

Recommendation: Ratification of administrative approval.

Location: Southeast quadrant of 5th Street S.W. and Old Highway 8, New Brighton.

T-R-S: 30-23-32 dbaa

Purpose: Approval of a Final Site Drainage Plan for construction of an office warehouse building, 4± acres (Phase I of Lakeview Business Center, 60± acres riparian to Jones Lake).

- Exhibits:
1. Permit Application, dated November 15, 1994, received November 15, 1994.
 2. Grading and Erosion Control Plan for entire business center site, prepared by Schoell and Madson, Inc., last revised December 15, 1994, received January 13, 1995.
 3. Grading and Utility Plan for construction site, prepared by Schoell and Madson, Inc., dated October 28, 1994, received November 17, 1994.
 4. RCWD Permits 92-153, 92-214, and 92-215.
 5. Cash surety in the amount of \$1,000, received January 13, 1995.

- Findings:
1. Project entails construction of second building in the Lakeview Business Park. The business park has a long history of RCWD permit activity. RCWD Permit 92-153 for a Rough Grading Plan was approved on September 23, 1992. Erosion control and wetland issues were addressed under this permit. RCWD Permit 92-214 for a Land Development Plan was approved on December 16, 1992. Site drainage and construction implementation were finalized under this permit. Also on December 16, 1992, Permit 92-215 was approved for construction of the first building of Phase I of the project.
 2. Cash sureties in the amount of \$5,000, \$1,200, and \$2,000 are on file under RCWD Permits 93-153, 93-214, and 93-215, respectively.
 3. Other than the exact footprint of the building, no changes have been made to the plans approved previously.
 4. All drainage is routed to the pond constructed under Permit 92-215 which was designed to serve this area.
 5. Erosion control implementation has been a problem in the past. As such, a more detailed Erosion Control Plan is required.

Board Action:

Recommendation: Ratification of administrative approval.

Location: Terminus of Rodeo Drive, Blaine.

T-R-S: 31-23-14 cbbb

Purpose: Approval of a Land Development Plan for creation of a single family residential development to be known as Sunrise Oaks, 4 lots, 10.12 acres.

- Exhibits:
1. Permit Application, dated November 23, 1994, received November 23, 1994.
 2. Grading and Drainage Plan prepared by Glenn Rehbein Companies, last revised January 5, 1995, received January 5, 1995.
 3. Wetland Delineation Report prepared by Lori Marco, dated November 13, 1994, received November 23, 1994.
 4. RCWD Permit Files 92-43, 93-40, 94-95.
 5. Cash surety in the amount of \$1,000, received January 10, 1995.

- Findings:
1. The project site is in the vicinity of the North Oaks Ponds residential development. Construction will entail creation of a 100-foot extension of the existing Rodeo Drive cul-de-sac, a short storm sewer to drain the extension, a small sediment pond, and four homes.
 2. NWI maps for the site show Type III (PEMC) wetlands covering a majority of the site. There are no wetland impacts associated with this project. Some fill which was in the past placed within the wetland is specified for removal on the Grading Plan. The small pond will act as a two-cell system intercepting street runoff prior to the wetland.
 3. Erosion control silt fence is specified to be placed between all graded areas and wetlands.
 4. The 100-year flood for the area, according to the RCWD runoff study, is 898.4. All lowest floor elevations satisfy District requirements.

Board Action:

1/20/95
EJT

Recommendation: Ratification of administrative approval.

Location: 1400-73rd Avenue N.E., Fridley.

T-R-S: 30-24-12 dbbb

Purpose: Approval of a Final Site Drainage Plan for construction of a receiving dock on an existing industrial facility, 0.2± acres.

- Exhibits:
1. Permit Application, dated November 17, 1994, received November 23, 1994.
 2. Stormwater calculations prepared by John Oliver and Associates, Inc., dated November 10, 1994, received November 23, 1994.
 3. Grading Plan prepared by John Oliver and Associates, dated November 4, 1994, received November 23, 1994.
 4. RCWD Permit Files 88-102, 89-122, 91-159.
 5. Cash surety in the amount of \$500, received January 11, 1995.

- Findings:
1. Proposed project involves alteration of 12,000 feet (0.27 acres) of impervious surface for creation of a loading dock facility. The total site area is 129 acres.
 2. No wetland impacts are associated with this project.
 3. Stormwater is managed through use of an on-site detention basin and storm sewer system. The northern portion drains to the storm sewer and was reviewed under RCWD Permit 82-109. The southern portion drains to an on-site detention pond which was constructed with no outlet. The area to be redeveloped is located within the southern subwatershed. The pond provides treatment in excess of District requirements.

Board Action:

Permit Application No. 94-203: Raymond and Linda Pruban

RAT

Recommendation: Ratification of administrative approval.

Location: 2197 South Shore Boulevard, White Bear Lake.

T-R-S: 30-22-23 daaa

Purpose: Approval of a Final Site Drainage Plan for construction of a single family residence riparian to White Bear Lake, 0.75 acres.

- Exhibits:
1. Permit Application, dated December 12, 1994, received December 13, 1994.
 2. Boundary and topographic survey prepared by Glenn Rehbein Companies, dated November 28, 1994, received December 13, 1994.
 3. RCWD Permit Files 92-137, 92-155, 94-01.
 4. Cash surety in the amount of \$250, received January 11, 1995.

- Findings:
1. The proposed project involves demolition/removal of the existing building and construction of a new residence.
 2. The lake setback will remain the same at 150 feet from the OHW elevation of 924.7. Setback ordinances in White Bear Lake are enforced by the City. The project indicates future plans for construction of an in-ground pool and patio area. The city is responsible for reviewing this as well.
 3. The lowest floor of the house will be set at 938.2, 11.5 feet above the 100-year flood of White Bear Lake.
 4. Erosion control silt fence will be placed between the construction site and the lake shoreline.
 5. There are no wetland impacts associated with this project.

Board Action:

1/20/95
EJT

Recommendation: Ratification of administrative approval.

Location: 6982 Highway 65 N.E., Fridley.

T-R-S: 30-24-12 ccde

Purpose: Approval of a Final Site Drainage Plan for construction of an addition to an existing industrial facility, 14.1 acres.

- Exhibits:
1. Permit Application, dated December 13, 1994, received December 15, 1994.
 2. Revised Grading Plan prepared by Passe Engineering, dated December 13, 1994, received January 10, 1995.
 3. RCWD Permit File 82-75.
 4. Cash surety in the amount of \$1,000, received January 10, 1995.

- Findings:
1. The proposed project involves construction of a 35,000 square foot (0.8 acre) addition to an existing building. All stormwater runoff from the site is routed to a two-cell pond system already in place. The pond has been sized to handle this additional runoff without increase in off-site discharge.
 2. The westerly pond will be excavated to provide 3 feet of dead storage with a volume which exceeds District requirements.
 3. Erosion control silt fence will be placed between the graded areas and the ponding areas. There will be very little disturbed area.
 4. There are no wetland impacts associated with this project.

Board Action:

Recommendation: Approval.

Location: 2401 Buffalo Street (northeast quadrant of Highway 61 and Buffalo Street), White Bear Township.

T-R-S: 30-22-12 bacc

Purpose: Approval of a Final Site Drainage Plan for construction of an addition to an existing church, 6± acres.

- Exhibits:
1. Permit Application, dated December 13, 1994, received December 15, 1994.
 2. Preliminary Grading Plan prepared by Passe Engineering, last revised January 4, 1995, received January 10, 1995.
 3. Pond volume calculations, dated December 14, 1994, received December 14, 1994.
 4. Wetland Delineation Report prepared by John C. Anderson, dated October 1, 1995, received January 11, 1995.
 5. RCWD Permit File 74-39.
 6. Cash surety in the amount of \$500, received January 13, 1995.

- Findings:
1. Applicant is proposing to add an 8,000± sq ft addition to an existing building. Some site grading work is proposed to handle stormwater runoff.
 2. This site was originally developed under RCWD Permit 74-39.
 3. The submitted plans show a large wetland area on the northern portion of the site. Site grading will occur near this wetland area. Field inspection by the District Administrator confirms no wetland impacts.
 4. Although rate control is not an issue as the site is adding very little impervious area, the Applicant has provided two stormwater detention ponds. The ponds have been designed as infiltration basins (no outlet) and are capable of storing 1.5 times the volume of a 100-year storm before overflowing.
 5. The ponds also include dead storage sufficient enough to meet District requirements.
 6. The 100-year floodplain for the area is 916.7. The lowest floor is specified as 932.4, which is in exceedance of District requirements.

Board Action:

1/20/95
EJT

Permit Application No. 94-206: Bradley Real Estate Trust

APP
TWAFAA

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

1. Cash surety in the amount of \$2,000, *RECD 1-23-95*
- Location: Southeast quadrant of Snelling and County Road B, Roseville.
- T-R-S: 29-22-15 bbbc
- Purpose: Approval of a Final Site Drainage Plan for construction of an addition to an existing shopping center.
- Exhibits:
1. Permit Application, dated December 12, 1994, received December 15, 1994.
 2. Grading and Utility Plan prepared by Sunde Engineering, last revised December 20, 1994, received December 20, 1994.
 3. Beehive outlet structure detail prepared by Sunde Engineering, undated, received January 20, 1995.
 4. RCWD Permit 88-65.
- Findings:
1. Proposed project involves construction of a 25,000 sq ft addition to the Har-Mar Shopping Center. Roughly 2.8 acres of surface will be disturbed by this project.
 2. The entire existing site is paved so rate control for the redeveloped site is not an issue.
 3. Two ponds with dead storage equal to approximately 0.5 ac-ft will be provided. The ponds will be equipped with drain tiles to allow them to dewater between storms providing infiltration treatment of stormwater. Emergency overflows to the 48-inch storm sewer will also be provided for both ponds. This design will satisfy District water quality requirements.
 4. This site drains via a 48-inch storm sewer directly to Zimmerman Lake, DNR Protected Wetland 53W.

Board Action:

1/20/95
EJT

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

1. Signed Permit Application.

Stipulation: At the time either property is scheduled for construction, an approved RCWD Final Site Drainage Plan will be required.

Location: Southeast quadrant of I-35W and Highway 97, Columbus Township.

T-R-S: 32-22-24 acaa

Purpose: Approval of a Land Development Plan for subdivision of a 3.4± acre parcel from a 14.8-acre property.

- Exhibits:
1. Permit Application, dated December 15, 1994, received December 15, 1994.
 2. Boundary surveys identifying easements over wetlands prepared by E. G. Rud and Sons, dated January 4, 1995, received January 9, 1995.
 3. Wetland Delineation Report, prepared by SEH, dated November 22, 1994, received December 15, 1994.

- Findings:
1. No cash surety is recommended as Applicant is proposing no construction activities at this time.
 2. The boundary survey shows two wetlands on the larger developed site. A site inspection will need to be performed to verify this.

Board Action:

Permit Application No. 95-01: Bradley C. Lucas

TWAFAA

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

- ~~1. Certificate of Survey showing lowest house floor above White Bear Lake 100-year flood elevation.~~
2. Erosion Control Plan.
3. Cash surety in the amount of \$250.

Location: 2655 South Shore Boulevard, White Bear Lake.

T-R-S: 30-22-24 dddb

Purpose: Approval of an "after-the-fact" Final Site Drainage Plan for a single family residence riparian to White Bear Lake, 0.3± acres.

- Exhibits:
1. Permit Application, dated December 14, 1994, received December 19, 1994.
 2. Certificate of Survey prepared by E.G. Rud and Sons, undated, received January 11, 1995.
 3. RCWD Permit File 94-01.

- Findings:
1. There are no wetland impacts associated with this project.
 2. The setback from the OHW of White Bear Lake is 100 feet. The proposed building pad is 115 feet from the OHW.
 3. The 100-year floodplain of White Bear Lake is 926.7. ~~The ground elevation in the vicinity of the house is 925.4. The floor elevation has been specified. THE CERTIFICATE OF SURVEY SPECIFIES A HIGHER LOWEST FLOOR ELEVATION OF 921.3 FT. THIS PROVIDES 3.4 FT OF FREEBOARD.~~

Board Action:

1/20/95
EJT

Permit Application No. 95-02: Barry O'Meara

APP

Recommendation: Approval of renewal.

Location: Southeast quadrant of Kare Lane and Cleveland Avenue, Arden Hills.

T-R-S: 30-23-33 cbaa

Purpose: Approval of renewal of RCWD Permit 93-185 of a Land Development Plan for a single family residential development to be known as Hazelnut Park Addition No. 2, 16 lots, 6± acres.

Exhibits: 1. Permit Application, dated December 14, 1994, received December 21, 1994.
2. RCWD Permit Files 92-27 and 93-185.

Findings: 1. Applicant is proposing no changes to previously approved plans.
2. This is the second renewal of this permit.
3. A cash surety in the amount of \$2,000 is on file under RCWD Permit 92-27.
4. There are no wetland impacts associated with this project.

Board Action:

1/20/95
EJT

Permit Application No. 95-03: CSM Corporation

APP

Recommendation: Approval of renewal.

Location: 2360 County Road C, Roseville.

T-R-S: 29-23-5 cddd

Purpose: Approval of renewal of RCWD Permit 93-204 of a Final Site Drainage Plan and Land Development Plan for redevelopment of an existing truck terminal into an office warehouse complex, 13± acres.

Exhibits:

1. Permit Application, dated December 28, 1994, received January 5, 1995.
2. RCWD Permit File 94-204.
3. RCWD CSMP File 85C04.

Findings:

1. Applicant is proposing no changes to previously approved plans.
2. This is the first renewal of this permit.
3. A cash surety in the amount of \$3,000 is on file under RCWD Permit 94-204.
4. There are no wetland impacts associated with this project.
5. The site is covered by the Roseville Comprehensive Stormwater Management Plan approved under RCWD 85C04.

Board Action:

1/20/95
EJT

Recommendation: Table pending receipt of:

1. Wetland delineation report.
2. Field verification of wetland boundaries.
3. Preliminary plat granting easements over wetlands and all drainage utilities.
4. ~~5.~~ *TRIBUTARY AREA WATERSHED MAPS.*
5. ~~6.~~ Determination of existing runout elevation of wetland.
6. ~~7.~~ Outlet control structure design detail for detention pond and riprap stabilization of all storm sewer outfalls.
7. ~~8.~~ Cash surety in the amount of \$2,000.

Location: Northwest quadrant of County Road E2 and Old Highway 10, Arden Hills.

T-R-S: 30-23-28 addb

Purpose: Approval of a Land Development Plan for a residential development to be known as Townhomes of Lake Valentine, 7 lots, 4.6± acres.

- Exhibits:
1. Permit Application, dated January 11, 1995, received January 11, 1995.
 2. Preliminary Grading, Erosion Control, and Utility Plans prepared by Passe Engineering, Inc., dated January 3, 1995, received January 11, 1995.
 3. Stormwater pond volume sizing calculations prepared by Passe Engineering, dated January 11, 1995, received January 11, 1995.

- Findings:
1. The Applicant proposes construction of seven duplex units on seven lots, Valentine Court, and a detention pond. The pond (14 residences) will drain directly to Valentine Lake under Old Highway 10.
 2. A detention pond has been designed to provide stormwater rate control and treatment. The pond volume exceeds requirements for dead storage.
 3. NWI maps for the site show a Type III/V (PEMC/PUBF) wetland on the site. The Grading Plan shows a wetland but not the same shape and size as shown on the NWI map. There will be no direct impact to this wetland. A storm sewer outlet has been specified for the wetland with a runout elevation of 882. The existing NWL of the wetland will need to be determined to ensure the storm sewer does not dewater the wetland.

Board Action:

1/20/95
EJT

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

1. Preliminary plat showing easements over all wetlands and drainage facilities.
2. Revised silt fence placement entirely outside wetland boundaries and riprap stabilization at storm sewer outfalls.
3. Cash surety in the amount of \$2,000.

Location: 200 feet north of the northeast quadrant of 12th Street and Division Avenue, White Bear Lake.

T-R-S: 30-22-11 add

Purpose: Approval of a Land Development Plan for a townhouse development to be known as White Bear Townhomes, 22 units, 2.6 acres.

Exhibits:

1. Permit Application, dated January 12, 1995, received January 12, 1995.
2. Preliminary Grading and Drainage Plan prepared by Charles Plowe, dated January 12, 1995, received January 12, 1995.
3. Drainage calculations prepared by Charles Plowe, dated January 12, 1995, received January 12, 1995.
4. Wetland delineation report prepared by SEH, dated January 12, 1995, received January 13, 1995.

Findings:

1. NWI maps show a large Type III (PEMC) wetland bordering the site on the north. This wetland is indicated on the Grading Plan. A field inspection by the District Administrator confirms no wetland impacts. ~~OTHER THAN THE 300 SQ FT OF FILL WHICH IS EXEMPT UNDER WCA EXEMPTION 2.5.~~
2. Site Development Plans include a detention pond which provides rate control and treatment in accordance with District requirements.
3. The pond discharges to the large wetland, acting as a two-cell system for stormwater treatment.
4. Erosion control silt fence is specified for placement around the north and east edges of the site upslope of the wetland.
5. Minimum floor elevations of the proposed buildings are over 2 feet above the roadway overflow elevation.

Board Action:

1/20/95
EJT

TWAF

1. Signed Permit Application.

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

T-R-S: 30-23-30 and 31

Exhibits: 1. Permit Application, unsigned, dated January 12, 1995, received January 12, 1995.

2. Construction plans prepared by SRF, dated December 14, 1994, received January 12, 1995.

3. DNR Permit Application dated December 30, 1994, received January 12, 1995.

4. Project narrative and request for WCA Exemptions 10 and 16 prepared by Ramsey County, dated January 12, 1995.

5. Combined Project Notification Form, dated December 30, 1994, received January 12, 1995.

6. Wetland delineation Data Forms prepared by Curtis Pratt, dated November 17, 1994, received January 12, 1995.

7. Drainage calculations, dated December 1, 1994, received January 12, 1995.

8. RCWD Permit 94-127.

Findings: 1. Proposed project involves reconstruction of 7,100 ft of Silver Lake Road and replacement of portions of storm sewer and utility lines between Silver Lake and I-694.

1/20/95

EJT

Permit Application No. 95-06: Successful Bidder, Ramsey County

3. Three stormwater ponds, two of which currently exist, will be utilized to treat stormwater runoff from Silver Lake for all areas south of a point 800± ft north of County Road E. The new pond has been designed according to NURP guidelines and meets District requirements for water quality. All drainage areas affected by this project which outlet to Silver Lake are routed through ponds which meet or exceed District standards for water quality.
4. All areas north of County Road E drain via existing trunk storm sewer to the Hansen Park Drainage District of New Brighton as approved under the New Brighton Comprehensive Stormwater Management Plan. The areas between County Road E and 5th Street drain to an existing water quality pond west of Silver Lake Road between Sioux Boulevard and Tioga Boulevard. The area north of 5th Street drains to an existing storm sewer constructed, in part, under RCWD Permit 94-127 east along 7th Street to County Ditch 2.
5. The project will impact 0.46 acres of wetland. The Applicant is eligible for Exemption 10 for filling 0.10 acres of roadside ditch and Exemption 16 for 0.36 acres of roadside wetland to correct for road designs and safety.

Board Action:

1/20/95
EJT