

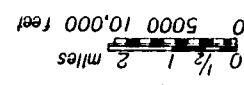
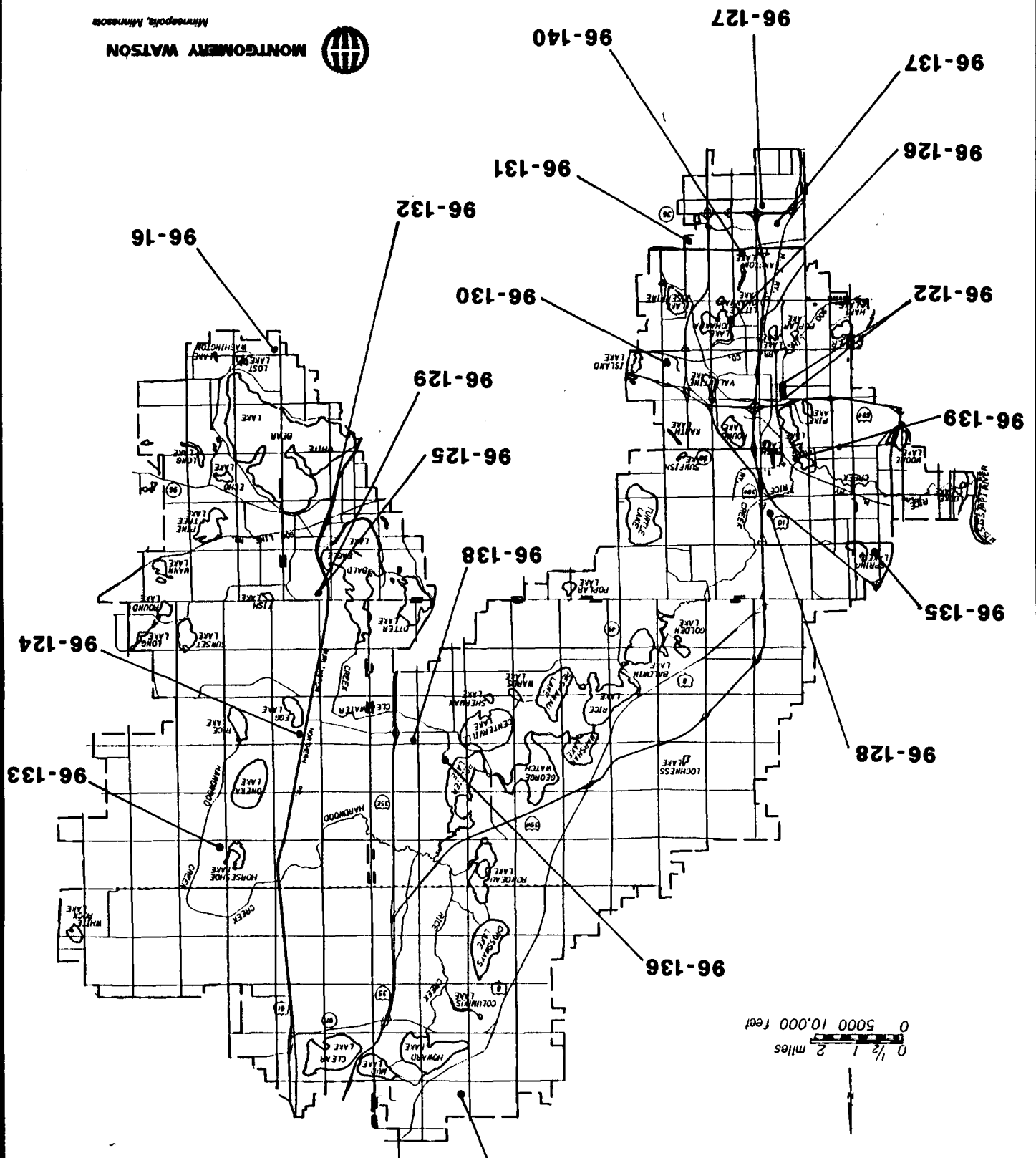
Final

**RICE CREEK WATERSHED DISTRICT
CONSENT AGENDA
SEPTEMBER 25, 1996**



It was moved by _____ and seconded by _____ to approve, table with authorization for administrative action, or table the Permit Applications noted in the following table of contents in accordance with the District Engineer's Findings and Recommendations, as contained in the Engineer's Report dated September 20, 1996.

FINAL EDITS



RICE CREEK
WATERSHED DISTRICT
1996 PERMIT

RICE CREEK WATERSHED DISTRICT

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*To be presented

Revised 9/25/96 4:00 PM

Recommendation: Table pending receipt of:

1. Wetland delineation report.
2. Field verification of wetland boundaries by District staff.
3. WCA sequencing narrative and wetland replacement plan if wetland impacts are proposed.
4. Revised Erosion Control Plan showing silt fence downslope of all graded areas and riprap placed at all storm sewer outfalls.
5. Narrative describing discharge location for storm sewer outlet for Pond 1.
6. Legal document granting easements over ponds, wetlands, and all other hydrologic features.
7. Specification of Pond 1 emergency overflow point.
8. A cash surety in the amount of \$4,300.
9. An additional permit fee in the amount of \$250.
10. If wetland replacement plan is required an additional \$500 permit fee and an additional cash surety in an amount yet to be determined will be required.

Location: Adjacent to and east of Highway 120 approximately 1,200 feet south of Wildwood Road.

T-R-S: 30-22-31 bbcc

Purpose: Approval of Final Site Drainage Plan for construction of a multi-family residential development to be called Woodland Estates, 152 units, 16.4± acres.

- Exhibits:**
1. Permit Application, dated February 1, 1996, received February 15, 1996.
 2. Utility Plan, prepared by Williamson-Kotsmith, Inc., dated August, 1996, received September 12, 1996.
 3. Grading and Drainage Plan, prepared by Williamson-Kotsmith, Inc., dated August, 1996, received September 12, 1996.
 4. Drainage calculations prepared by Williamson-Kotsmith, Inc., undated, received February 15, 1996.

9/20/96
DSK

Permit Application No. 96-16: HEPTA Development

5. Drainage calculations prepared by BRAA, dated September 9, 1996, received September 12, 1996.
6. A copy of MPCA NPDES permit application, dated February 14, 1996, received September 12, 1996.
7. RCWD Permit File 95-165.

Findings:

1. Project involves the construction of a multi-family residential development on a currently undeveloped site. All site runoff will be collected in a series of detention ponds which provide rate control and water quality treatment in accordance with District standards. RCWD Permit 95-165 (Deer Ridge) is located immediately to the east.

An existing wetland is shown on NWI maps as a Type III (PEMC) wetland and is centrally located on the site. The applicant is proposing to use this wetland as the second cell of a two-celled pond system. The site plans do not clearly identify the existing wetland boundaries.

A pond located at the northeast site corner is the final on-site detention pond and outlets via storm sewer to the north. The discharge point of this outlet pipe has not been identified. Additionally, an emergency over flow point has not been specified.

2. An erosion control plan for the revised plans has not been submitted.
3. The flood elevation for Echo Lake located 1,000± feet from the site is 996.7 (1996 Mahtomedi CSMP). The minimum proposed FFE is 1006.5, satisfying the District's freeboard requirement.
4. Easements over ponds, wetlands and all other hydrologic features will be required.
5. This application was Tabled on February 28, 1996 for a number of issues. The plans have undergone significant revisions and several new issues have surfaced.

Board Action:

9/20/96
DSK

CENTRAL LANDSCAPING

APP

Permit Application No. 96-122: Successful Bidder, City of New Brighton

TWAFAA

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

~~1. Permit Application signed by Successful Bidder.~~

2. Cash surety in the amount of \$2,000, REC'D 9/24/96 FROM CENTRAL LANDSCAPING.

~~3. Permit fee in the amount of \$500.~~

Location: 8th Avenue N.W. between CSAH 77 (Old Highway 8) and 10th Street N.W., New Brighton.

T-R-S: 30-23-29 a,b

Purpose: Approval of a Roadway and Utility Plan for the reconstruction of approximately 2,000 feet of 8th Avenue N.W.

- Exhibits:
1. Permit Application, unsigned, undated, received August 23, 1996, SIGNED BY SUCCESSFUL BIDDER 9/24/96.
 2. Construction Plans prepared by the City of New Brighton (14 sheets), dated August 8, 1996, received August 23, 1996.
 3. Project specifications prepared by City of New Brighton, dated August 8, 1996, received August 23, 1996.
 4. RCWD CSMP File 82C03 and Permit File 82-122.

Findings: 1. The project involves reconstruction of 8th Avenue N.W., including new curb and guttering along the entire length, and several new catchbasins near the intersection of 7th Street N.W. The site is located entirely within, and is in agreement with, RCWD-approved New Brighton CSMP 82C03.

The northern 650± feet of 8th Avenue will drain to an existing detention pond created under RCWD-approved Permit 89-30 as specified in the CSMP and located at the northwest quadrant of 10th Street and 9th Avenue. The southern 1,350± feet, of which 500 feet is new drainage, will be routed to an existing detention pond created under RCWD-approved Permit 88-122 located at the northeast quadrant of 10th Street and 5th Avenue. Each of these ponds currently receives significant street runoff and the newly added impervious drainage area will not compromise the ponds' treatment efficiency. Both ponds discharge north directly to Long Lake.

2. No wetlands will be impacted as a result of this project.
3. Erosion control measures will be placed downslope of all graded areas.

Board Action:

9/20/96
DSK

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

1. Stormwater Management Plan specifying bench swale providing pretreatment for site runoff.
2. Erosion Control Plan.
3. Cash surety in the amount of \$1,000.

Location: Southeast quadrant of 147th Street N. and Highway 61, Hugo.

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

Purpose: Approval of a Final Site Drainage Plan for a building and parking lot addition to an existing office building, 0.5± acres.

- Exhibits:**
1. Permit Application dated September 10, 1996, received September 10, 1996.
 2. Site Plan prepared by Rust Architects, undated, received September 10, 1996.
 3. Project narrative prepared by RFC Engineering, undated, received September 10, 1996.

- Findings:**
1. The project involves the construction of a new building and parking lot addition to an existing office building, creating a new impervious area of approximately 0.1 acres. The existing 3,800± square foot building discharges to a single family residential property located immediately south of the site. The remainder of the site drains to the northwest property corner to existing storm sewer on Highway 61 which drains south to Egg Lake. No pretreatment measures have been specified on the current plans and a benched swale will be required to provide water quality pretreatment for runoff prior to entering existing storm sewer.
 2. No wetlands will be impacted as a result of this project.
 3. The flood elevation for Egg Lake is 926.7 (1992 RCWD flood study). First floor elevation of the site will match the existing building at 934.8, satisfying the District's 2-foot freeboard requirement.
 4. The site is located greater than 500 feet from Egg Lake and setback requirements will not be an issue.
 5. An Erosion Control Plan has not been submitted.

Board Action:

9/20/96
DSK

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

1. Stormwater Management Plan specifying means of routing site runoff to CSMP pond.
2. Specification of roof drainage.
3. Cash surety in the amount of \$2,000.

Stipulation: At the time of further site development, a new RCWD-approved Final Site Drainage Plan will be required.

Location: 2368 Leibel Street, White Bear Township.

T-R-S: 30-22-1 bddd

Purpose: Approval of a Final Site Drainage Plan for the construction of an industrial building and gravel parking lot, 1.2± acres.

- Exhibits:**
1. Permit Application dated September 10, 1996, received September 10, 1996.
 2. Site Plan prepared by Blumentals Architecture, Inc., dated September 4, 1996, received September 10, 1996.
 3. Erosion Control Plan prepared by Blumentals Architecture, Inc., undated, received November 1996.
 4. Certificate of Survey prepared by E.G. Rud and Sons, dated August 30, 1996, received September 10, 1996.
 4. RCWD Permit File 87-141.

- Findings:**
1. **STORAGE** The project involves the construction of a 3,200 square foot shop and ~~building~~ building and a 0.4± acre gravel parking lot on a currently undeveloped site. The site was planned for under RCWD-approved Permit File 87-141 (Leibel Addition) and is located in Lots 10 and 11, Block 1 of this development. This permit provided a detention pond located south of the site into which all site drainage should be routed.
 2. The Site Plans do not specify stormwater collection facilities for the building and parking areas. The Applicant will need to clearly show proposed methods of routing runoff to the detention pond.
 3. The first floor elevation for the site must be a minimum of 935.5, as specified in RCWD Permit 87-141 to provide 2 feet of freeboard over the detention pond flood level. The first floor elevation will be 936.0, satisfying this requirement.

9/20/96
DSK

Permit Application No. 96-125: Harvey Ehman

4. No wetlands will be impacted as a result of this project.
5. An Erosion Control Plan has been submitted providing silt fence downslope of all graded areas.

Board Action:

9/20/96
DSK

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

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

Location: 3280 Sandeen Road, Arden Hills.

T-R-S: 30-23-33 dbca

Purpose: Approval of a Utility Reconstruction Plan to relocate an existing sanitary sewer on a single family residential lot riparian to Lake Johanna, 0.3± acres.

- Exhibits:**
1. Permit Application, undated, received September 3, 1996.
 2. Site Plans prepared by W. White, last revised February 6, 1996, received September 3, 1996.

- Findings:**
1. Project involves the relocation of approximately 80 feet of existing sanitary sewer with approximately 110 feet of identically sized pipe on a currently developed single family residence riparian to Lake Johanna. The project will not require the construction of new sanitary manhole connection utilities and all work will be performed at a distance of greater than 50 feet from Lake Johanna's OHW of 878.0. The purpose of the project is to widen the applicant's buildable yard area to allow future house relocation/expansion.
 2. An Erosion Control Plan has been submitted specifying silt fence located between Lake Johanna and all upslope graded areas.

Board Action:

Recommendation:

Table pending receipt of:

WETLAND DELINEATION REPORT

1. Revised Site Plan clearly locating delineated wetlands *AS STAKED IN IN FIELD.*
2. ~~Verification of wetland types by District staff.~~
WCA SEQUENCING NARRATIVE + REPLACEMENT PLAN IF WETLAND
3. Quantification of wetland impacts. *IMPACTS ARE PROPOSED.*
4. Erosion Control Plan.
5. Runoff calculations.
6. Revised preliminary plat granting easements over on-site ponds, wetlands, and all other hydrologic features.
7. Pond outlet control structure (skimmer) detail.
8. Specification of detention pond emergency overflow point.
9. Cash surety in the amount of \$3,000.

Location:

Approximately 500 feet north of the northeast quadrant of County Road B and Acorn Road, Roseville.

T-R-S:

29-23-8 dda

Purpose:

Approval of a Land Development Plan and Wetland Alteration Plan for construction of a single family residential development to be known as Acorn Acres, 6 lots, 3.7± acres.

Exhibits:

1. Permit Application, dated September 11, 1996, received September 11, 1996.
2. Certificate and plat of survey prepared by Comstock and Davis, last revised August 6, 1996, received September 11, 1996.
3. Wetland delineation report, dated September 1996, received September 11, 1996.
4. Letter regarding wetland fill prepared by Gary Boryczka, dated September 13, 1996, received September 12, 1996.
5. RCWD Permit File 95-47.

Findings:

1. Project involves the construction of a single family residential development totaling 6 lots on 3.7± acres and a 300± foot cul-de-sac to be known as Acorn Lane. All runoff from the cul-de-sac will be routed to an on-site detention pond for which no drainage calculations have been submitted. As proposed, the detention pond will outlet to the existing City of Roseville storm sewer located on Acorn Road constructed under RCWD approved Permit 95-47. This storm sewer flows north to a detention pond at I-35W and County Road C.

9/20/96

DSK

Permit Application No. 96-127: Arthur Mueller

2. The wetland delineation report submitted by applicant indicates the presence of three Type I wetlands located within Blocks 1 and 2 of the development. The Site Plans label these three low areas as questionable areas to be delineated. A revised Site Plan will be required clearly locating all delineated wetlands and quantifying the total area of wetland impact. A wetland delineation report submitted by neighbors in opposition to the project indicates Type I and Type III wetlands in this area. ~~Wetland types must be verified as it influences the WCA de minimus exemption's unmitigated fill area.~~

A Type V wetland is located within Lots 5 and 6 at the southwest site corner. This wetland will not be impacted as a result of this project.

3. The flood elevation for the Type V wetland is 958.0 (1990 Roseville CSMP). The minimum first floor elevation for the development will be 964.0, satisfying the District's 2-foot freeboard requirement.
4. A preliminary plat has been submitted specifying drainage and utility easements over portions of the property. A revised plat will be required specifying easements over all on-site ponds, wetlands, and all other hydrologic features.
5. An Erosion Control Plan has not been submitted and will be required specifying silt fence located downslope of all graded areas and riprap at all storm sewer outfalls.

Board Action

A FIELD INSPECTION PERFORMED BY RCWD STAFF VERIFIED TYPES I & III WETLANDS ON SITE & EXISTING WETLAND BOUNDARIES ARE LARGER THAN THOSE SPECIFIED IN THE SITE PLANS & WETLAND DELINEATION REPORT.

9/20/96
DSK

Permit Application No. 96-128: State of California Public Employees' Retirement System

APP
~~TWAFAA~~

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

1. Cash surety in the amount of \$500, rec'd 9/24/96.

Location: Northwest quadrant of Wooddale Drive and Program Avenue, Mounds View.

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

Purpose: Approval of a Final Site Drainage Plan for a 0.3± parking lot addition to an existing industrial building, 20± acres.

- Exhibits:
1. Permit Application dated September 10, 1996, received September 11, 1996.
 2. Project narrative prepared by Putnam Consultants, dated September 11, 1996, received September 12, 1996.
 3. Revised runoff calculations prepared by Putnam Consultants, dated September 11, 1996, received September 12, 1996.
 4. RCWD Permit File 87-116.

- Findings:
1. Project involves the parking lot expansion to an existing industrial facility, creating a total new impervious area of 0.3± acres. The site was planned for under RCWD Permit 87-116 (Mounds View Business Park) and the new parking area was included in the previously approved drainage calculations and pond sizing criteria. Therefore, no additional on-site ponding will be required.
 2. No wetlands will be impacted as a result of this project.
 3. An Erosion Control Plan has been submitted specifying silt fence located downslope of graded areas between proposed parking lot and Program Avenue.

Board Action:

9/20/96
DSK

Recommendation: Table WAFAA pending receipt of:

1. Stormwater Management Plan routing all water to rear of lot (south).
2. Specification of roof drainage.
3. Specification of driveway culvert inlet elevation.
4. Revised Erosion Control Plan specifying silt fence located downslope of all graded areas and riprap at storm sewer outfall.
5. Cash surety in the amount of \$1,500.

Location: 2310 Leibel Street, White Bear Township.

T-R-S: 30-22-1 bdbb

Purpose: Approval of a Final Site Drainage Plan for the construction of two storage facilities and impervious parking areas, 2.1± acres.

- Exhibits:**
1. Permit Application dated September 11, 1996, received September 11, 1996.
 2. Site Grading Plan prepared by Professional Engineering Consultants, Inc., dated September 3, 1996, received September 11, 1996.
 3. RCWD Permit Files 87-141 and 88-55.

Findings:

1. Project will entail the construction of two storage facilities and impervious parking areas creating a total new impervious area of 0.8± acres. Site is located on Lot 1, Block 2 of the Leibel Addition as planned for under RCWD-approved Permit 87-141. The lot adjacent to the east was developed under RCWD Permit 88-55.

The Leibel plan (87-141) calls for drainage routing to the southern portion of the lot. The current plan predominantly routes runoff to the Leibel Street ditch along the north site border.

2. No wetlands will be impacted by this project.
3. The proposed FFE for both buildings will be 936.3, satisfying the minimum FFE of 935.5 as specified in Permit 87-141.
4. An Erosion Control Plan has been submitted. Additional erosion control measures will be required downslope of all graded areas and riprap at driveway culvert outfall.

Board Action:

9/20/96
DSK

Permit Application No. 96-130: St. Paul Properties, Inc.

TWAFAA
TAB

Recommendation: Table ^{JAFAA} pending receipt of:

1. ~~Revised pond design providing an additional 0.20± acre feet of dead storage.~~
2. ~~Revised Erosion Control Plan specifying additional silt fence between proposed parking lot and ponds.~~
3. ~~Specification of existing on-site roof drainage.~~
4. Legal document granting expanded easements over ponds.
5. Cash surety in the amount of \$2,000.

Location: Southwest quadrant of Grey Fox Road and Lexington Avenue, Arden Hills.

T-R-S: 30-23-27 daaa

Purpose: Approval of a Final Site Drainage Plan for the construction of an Arby's Restaurant and impervious parking areas, 5.6± acres.

Exhibits: 1. Permit Application dated August 28, 1996, received September 12, 1996.

2. Grading, Drainage, and Utility Plan prepared by Hansen, Thorp, Bellinen, Olson, Inc., last revised ~~August 28, 1996~~, received September 12, 1996. ²⁴ _{9/24}

3. Drainage calculations prepared by Hansen, Thorp, Bellinen, Olson, Inc., dated August 27, 1996, received September 12, 1996.

4. RCWD Permit File 86-43.

⑤ PROJECT NARRATIVE
PREP'D BY HTPD, INC.,
DATED 9/24/96, REC'D
9/24/96

Findings:

1. Project involves construction of a restaurant and impervious parking areas on a currently partially developed lot which will create a total new impervious area of 1.3± acres. All site runoff will be routed to an existing on-site detention pond which will be enlarged to provide rate control and water quality treatment in accordance with District standards for runoff from the proposed development and the existing development to the south, which was reviewed under RCWD-approved Permit 86-43. The pond outlets to existing City of Arden Hills storm sewer which flows to Valentine Lake.

2. An existing building ^{EXISTING} is located on the property north of the proposed development. All parking lot runoff is routed to the north ~~at~~ existing roof drainage ~~directions~~ ^{AND APPROXIMATELY 50% OF THE} FLOWS TO THE POND. THESE AREAS HAVE BEEN INCLUDED IN THE POND ENLARGEMENT ~~REQUIREMENTS~~ SPECIFICATIONS

3. ~~The pond will require an additional 0.20± acre feet of dead storage to provide water quality treatment in accordance with District standards.~~

9/20/96
DSK

Permit Application No. 96-130: St. Paul Properties, Inc.

4. No wetlands will be impacted as a result of this project.
5. An Erosion Control Plan has been submitted specifying silt fence and riprap at all storm sewer outfalls. Additional silt fence will be required between the proposed parking areas and stormwater pond.
6. ~~Additional easements will be required to cover the expansion of existing easements.~~ of existing easements will be required, ^{to cover the} ~~EXPANSION~~ ^{NEW 100-YR POND LEVELS,}
7. The flood elevation for the on-site detention pond is 930.2. The first floor elevation of the proposed building will be 933.5, satisfying the District's 2-foot freeboard requirement. The FFE of the development to the south is 935.0, thus no floodplain impacts to the ~~building~~ ^{EXISTING} building are anticipated.

Board Action:

9/20/96
DSK

Recommendation: Table pending receipt of:

1. Stormwater Management Plan specifying existing and proposed stormwater ponds and storm sewer alignment.
2. Runoff calculations demonstrating western pond provides rate control and water quality treatment in accordance with RCWD standards.
3. Cash surety in the amount of \$1,000.

Location: 2585 Hamline Avenue, Roseville.

T-R-S: 30-23-2 bdac

Purpose: Approval of a Final Site Drainage Plan to reroute existing drainage patterns on an office building complex referred to as Hamline Office Plaza, 3.2± acres.

- Exhibits:
1. Permit Application dated September 11, 1996, received September 12, 1996.
 2. Site Plans prepared by Comstock and Davis, dated March 3, 1982, received September 12, 1996.
 3. RCWD Permit Files 81-132 and 83-33.

- Findings:
1. Applicant is proposing to reroute existing stormwater runoff from two ~~on-site detention ponds which currently provide rate control and water quality treatment for the site~~ ^{UNCONSTRUCTED} pond located along the western site border. The site was originally reviewed under RCWD-approved Permits 81-132 and 83-33. *PREVIOUSLY APPROVED*
 2. Pond sizing details and runoff calculations have not been submitted.
 3. No wetlands will be impacted as a result of this project.

Board Action:

NO PONDS ARE CURRENTLY PRESENT ON-SITE AS PHASE II OF THE PROJECT (WHICH INCLUDED POND CONSTRUCTION) HAS NOT BEEN IMPLEMENTED. ALL ON-SITE PONDING SITES WILL BE REVIEWED + CONSTRUCTED UNDER THIS PERMIT.

9/20/96
DSK

Permit Application No. 96-132: Daniel Larkin, DBA Larkin Construction TWAFAA

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

1. Revised Site Plan specifying first floor elevation of at least 923.5.
2. Verification of wetland boundary by District staff.
3. Cash surety in the amount of \$250.

Location: 1530 East Street, White Bear Township.

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

Purpose: Approval of a Final Site Drainage Plan for the construction of a single family residence, 0.4± acres.

- Exhibits:**
1. Permit Application dated September 11, 1996, received September 12, 1996.
 2. Grading and Erosion Control Plans prepared by Charles Plowe Engineering, dated September 11, 1996, received September 12, 1996.
 3. Wetland delineation prepared by Arlig Environmental, Inc., dated September 8, 1996, received September 12, 1996.
 4. Calculations of the 100-year flood elevation for County Ditch 11 at Park Avenue prepared by Charles Plowe, dated July 28, 1995, received September 12, 1996.
 5. RCWD Permit File 95-97.

- Findings:**
1. Project involves the construction of a single family residence on a currently undeveloped 0.4± acre lot. The site is located approximately 250 feet southwest of Ramsey County Ditch 11.
 2. NWI maps indicate the presence of a Type III (PEMC) wetland located east and south of the site. A wetland delineation report has been submitted which confirms that no jurisdictional wetlands are located on the site.
 3. The 100-year flood elevation for Ramsey County Ditch 11's crossing at Park Avenue located approximately 375 feet north of the site is 921.5 as calculated by Charles Plowe Engineering for RCWD-approved Permit 95-97, located approximately 200 feet north on East Avenue. The first floor elevation of the proposed home needs to be at least 923.5 to satisfy the District's 2-foot freeboard requirement.

An extended duration discharge for White Bear Lake of 30 cfs is expected following a 100-year event. This flow would cause a headwater of approximately 920.2 feet at Park Avenue.

9/20/96
DSK

Permit Application No. 96-132: Daniel Larkin, DBA Larkin Construction

4. Rate control and water quality will not be an issue as less than 2,500 square feet of impervious area will be created and all flow will be unconcentrated over turfed areas to the existing wetland.

Board Action:

9/20/96
DSK

Recommendation: Table pending receipt of:

1. Wetland delineation report.
2. Field verification of wetland boundaries by District staff.
3. Preliminary plat granting easements over all delineated wetlands and floodplain (elevation 934.2) for entire 21-acre lot to be subdivided.
4. Cash surety in the amount of \$250.

Stipulation: At the time of further site development, an RCWD-approved Land Development Plan or Final Site Drainage Plan will be required.

Location: 17080 Henna Avenue N., Hugo.

T-R-S: 31-21-3 cca

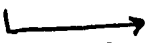
Purpose: Approval of a Land Development Plan of the subdivision of a 21-acre parcel.

Exhibits: 1. Permit Application dated September 9, 1996, received September 12, 1996.

④ CERTIFICATE OF SURVEY,
PREP'D BY ADVANCE
SURVEYING + ENGINEERING,
DATED 9/18/96, REC'D
9/23/96.

2. Site Plan prepared by Applicant, undated, received September 12, 1996.

3. Soil percolation test log prepared by Zierke Soil Testing, dated September 11, 1996, received September 12, 1996.



⑤ RCWD Permit File 94-33.

Findings: 1. Project involves the subdivision of an existing 21-acre parcel into 8.6- and 12.4-acre lots. The site is located approximately 850 feet east of Horseshoe Lake and is bordered on the east by Henna Avenue N. No construction plans have been submitted at this time.

2. The Horseshoe Lake area is landlocked and has historically experienced flooding problems. Past efforts by Hugo to establish a lake outlet were not realized.

3. Under RCWD Permit 94-33, which is located approximately 500 feet north of the proposed site, a conservative 100-year flood elevation for Horseshoe Lake was determined to be 934.2 feet MSL. This elevation was based upon a 10-day runoff event within the landlocked basin.

Permit Application No. 96-133: Larry and Marsha Gerten

4. NWI maps indicate the presence of a Type II (PEMBd) wetland located near the western edge of the site. A wetland delineation will be required to locate all on-site wetlands.
5. A preliminary plat will be required granting easements for the entire 21-acre parcel over all delineated wetlands and floodplain at elevation 934.2.

Board Action:

9/20/96
DSK

Recommendation: Table pending receipt of:

1. Erosion Control Plan.
2. Legal document granting easements over all delineated wetlands and floodplain.
3. Topographic site survey.
4. Equalize pipes set at existing ground level under roadway at wetlands.
5. Cash surety in the amount of \$1,000.

Stipulation: Permit covers construction of access road only. An additional RCWD-approved Final Site Drainage Plan will be required at the time of home and/or barn construction.

Location: Approximately 1,500 feet south of the southeast quadrant of 170th Avenue N.E. and Potomac Drive, Columbus Township.

T-R-S: 32-22-10 cc

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for the construction of a 1,300± foot access road, 30± acres.

- Exhibits:
1. Permit Application dated September 11, 1996, received September 12, 1996.
 2. Project and sequencing narrative prepared by Applicant, dated September 12, 1996, received September 12, 1996.
 3. Site Plan prepared by Applicant, undated, received September 12, 1996.
 4. Wetland delineation report prepared by Professional Engineering Consultants, Inc., dated August 22, 1996, received September 12, 1996.
 5. RCWD File 88-94.

Findings: 1. Project involves the construction of a 20-foot wide and 1,300± foot long private road to provide access to future home and barn construction sites. The property was to be subdivided under RCWD Permit 88-94 but the permit application was withdrawn.

The site has significant wetland area and floodplain. Road construction will result in the filling of less than 400 square feet of Type I/II wetlands, which will not require mitigation under WCA's de minimus exemption. No other wetland impacts will result from this project.

9/20/96
DSK

Permit Application No. 96-134: David Povolny

2. A legal document granting easements over all delineated wetlands and floodplain will be required. Extensive floodplain is evident on FIS maps but no flood elevation has been determined for the area.
3. The plan specifies tentative home and barn construction sites but no construction plans have been submitted. These sites may lie in the floodplain.
4. An Erosion Control Plan specifying erosion control measures downslope of all grass areas will be required.

Board Action:

9/20/96
DSK

Permit Application No. 96-135: K. A. Investments (Austin Hardware)

TWAFAA
TAB

Recommendation: Table ^{WAFAA} pending receipt of:

~~1. Quantification of wetland fill area.~~

2. WCA sequencing narrative, PREP'D BY RFC ENGINEERING, DATED 9/25/96, REC'D 9/25/96.
EXHIBIT ⑥

~~4. Pond outlet control structure (skimmer) detail.~~

4. SPECIFICATION OF 100-YR FLOOD ELEVATION IN EXISTING WETLAND.

5. Revised Stormwater Management Plan specifying ~~on-site drainage system including stormwater~~ emergency overflow for stormwater ponds at 100-year flood elevation.

~~6. Narrative addressing extensive length of on-site pipe from~~

7. Revised Erosion Control Plan specifying silt fence between proposed building and detention ponds, and riprap at storm sewer outfalls.

8. Legal document granting easements over all on-site wetlands, stormwater ponds, and hydrologic features.

9. Groundwater elevations in the vicinity of Type V wetland and detention ponds.

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

Location: Southeast quadrant of 80th Avenue and Central Avenue, Spring Lake Park.

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

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for the construction of a warehouse and impervious parking areas, 5.4± acres.

- Exhibits:
1. Permit Application dated September 11, 1996, received September 12, 1996.
 2. Grading, Drainage, and Erosion Control Plan prepared by RFC Engineering, Inc., undated, received September 12, 1996.
 3. Wetland delineation report prepared by RFC Engineering, Inc., dated May 1996, received September 12, 1996.
 4. Runoff calculations prepared by RFC Engineering, dated August 26, 1996, received September 12, 1996.
 5. RCWD Permit File 85-105.

① PROJECT NARRATIVE PREP'D BY RFC ENG. ENGINEERING, DATED 9/25/96, REC'D 9/25/96.

9/20/96
DSK

Permit Application No. 96-135: K. A. Investments (Austin Hardware)

- Findings:
1. Project involves the construction of a warehouse facility and impervious parking areas on a currently undeveloped site, creating a total of 1.6± acres of new impervious area. All site runoff from new impervious areas will be routed to a pair of on-site detention ponds which provide rate control and water quality treatment in accordance with District standards. These ponds outlet to a large delineated Type V wetland located along the northern edge of the property. This property was platted as Outlot A under RCWD-approved Permit 85-105.
 2. The wetland delineation report identified a pair of Type I wetlands located at the western site border and near the southeast site corner. These wetlands will be impacted as a result of this project. The Applicant has ~~not~~ submitted a quantification of wetland impacts, *TOTALING 1300± SQUARE FEET OF WETLAND FILL WHICH IS EXEMPT FROM MITIGATION*
 3. An Erosion Control Plan has been submitted specifying silt fence located between all graded areas and the existing Type V wetland. Additional silt fence will be required between the graded areas and proposed ponds and riprap will be required at all storm sewer outfalls. *UNDER WEA'S DE MINIMIS EXEMPTION.*
 4. The flood elevation for Spring Lake, which is located approximately 600 feet east of the site, is 905.0. The proposed first floor elevation of 908.5 satisfies the District's 2-foot freeboard requirement.
 5. Easements will be required over all proposed ponding areas and existing wetlands.
 6. The detention ponds may be below the site's groundwater level which could result in wetland dewatering and insufficient pond performance due to reduced storage. Groundwater table elevations for the wetland and the vicinity of the ponds will be required for review.

Board Action: *W*

9/20/96
DSK

Permit Application No. 96-136: Michael Scheller

APP
TWAFAA

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

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

Location: Southwest quadrant of Peltier Lake Drive and Mill Road, Centerville.

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

Purpose: Approval of a Shoreline Improvement Plan to place riprap along approximately 50± feet of Clearwater Creek.

Exhibits: 1. Permit Application, dated September 12, 1996, received September 12, 1996.
2. Site Plan and cross-sectional views prepared by Applicant, undated, received September 12, 1996.

Findings: 1. Project involves the placement of 12-inch riprap along 50± feet of Clearwater Creek to restore the original shoreline location and prevent future erosion.
2. The riprap will be placed at an approximate 3:1 sideslope to promote stability.

Board Action:

9/20/96
DSK

Recommendation: No permit required.

Location: North of Highway 36 between St. Croix Street and Fulham Street, Roseville.

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

Purpose: Approval of a Shoreland Alteration Plan to Fulham Pond to construct a footbridge across the pond.

- Exhibits:**
1. Permit Application dated September 12, 1996, received September 12, 1996.
 2. Site Plans prepared by BRA, dated September 3, received September 12, 1996.
 3. RCWD CSMP File 82C05.

- Findings:**
1. Project involves the revision of the Fulham Pond shoreline to place fill for the construction of a steel pedestrian bridge crossing the pond. The quantity of fill to be placed will be compensated through matching excavation adjacent to the construction area.
 2. The project lies in the Fulham Pond drainage area where the RCWD has released the responsibility for administering permitting procedures to the City of Roseville. Therefore, no RCWD permit is required.

Board Action:

Recommendation: Table ^{WAFAA} pending receipt of:

⑤ PLAT FOR ~~PROPOSED~~ ^{SITE}
+ SURROUNDING ~~PROPERTIES~~
PROPERTIES.

1. Erosion Control Plan.
2. Runoff calculations.
3. Preliminary plat granting easements over entire ponding area and all hydrologic features.
4. Revised Site Plan specifying emergency overflow point to 20th Avenue N. right-of-way ditch.
5. Copy of MPCA NPDES permit application, REC'd 4/24/96.
6. Cash surety in the amount of \$3,500.

Location: Northeast quadrant of South Robin Lane and CSAH 21 (20th Avenue N.), Centerville.

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

Purpose: Approval of a Land Development Plan for the construction of a multi-family residential development to be known as Willow Glen, 96 units, 11.6± acres.

- Exhibits:
1. Permit Application dated September 12, 1996, received September 12, 1996.
 2. Grading Plan prepared by E. G. Rud and Sons, Inc., dated September 12, 1996, received September 12, 1996.
 3. RCWD Permit Files 96-06, 96-36, and 96-44.

Findings:

1. Project involves the construction of a multi-family unit development on a currently undeveloped 11.6± acre site which will result in the property being approximately 75% impervious area. Numerous wetlands previously existed on the site and were filled and mitigated as part of a Wetland Alteration and Replacement Plan under RCWD-approved Permit 96-06. All wetland impacts were incorporated into the Clearwater Meadows development, which was approved under RCWD Permit 96-36. There are no additional wetland impacts as a result of this project that are not attended to under previous permits. The property immediately to the south is currently under review as RCWD Permit 96-44.

Permit Application No. 96-138: R & R Leasing, Inc.

2. Applicant is proposing to route all runoff from newly created impervious areas to a large ponding area located along the east and southeast site borders. Stormwater runoff calculations have not been submitted and the pond does not have a clearly defined emergency overflow point. Revised Site Plans need to indicate an emergency overflow point to the 20th Avenue N. right-of-way drainage ditch. Anoka County Ditch 55 (buried tile line) is located approximately 150 feet southeast of the property and will not be impacted by this project.
3. The Clearwater Creek flood elevation at 20th Avenue N. is 904.2 as specified in the Clearwater Creek flood reduction study (RCWD-approved Permit 93-216). The proposed units appear to slab on grade with a minimum first floor elevation of 907.5, satisfying the District's 2-foot freeboard requirement.
4. An Erosion Control Plan has not been submitted.
5. An MPCA NPDES permit application will be required as the site has over 5 acres of disturbed area.

Board Action:

9/20/96
DSK

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

① REUSKD SITE PLAN SPECIFYING FFE OF AT LEAST 870.80.

1. ~~Board discussion of requested variance to allow the proposed FFE of 870.25.~~

2. Cash surety in the amount of \$500, rec'd 9/23/96 FROM BLESSING & ASSOC.

Location: 2182 Lakebrook Drive, New Brighton.

T-R-S: 30-23-17 cbac

Purpose: Approval of a Final Site Drainage Plan and Shoreland Improvement Plan for the construction of a single family residence riparian to Long Lake, 1.0± acres.

- Exhibits:
1. Permit Application dated September 12, 1996, received September 12, 1996.
 2. Site Plans prepared by W. Brown Land Surveying, Inc., dated September 12, 1996, received September 12, 1996.
 3. Erosion control schedule and maintenance program prepared by Lessing and Associates, Inc., undated, received September 12, 1996.

Findings: 1. Project involves the construction of a single family residence riparian to Long Lake. An existing home will be cleared prior to new home construction. The existing shoreline will be converted to a beach and a 1-foot high stone retaining wall will be constructed 20± feet from Long Lake's OHW of 866.0.

2. The flood elevation for Long Lake is 868.8 (1992 RCWD flood study). Under RCWD standards, the minimum FFE should be 870.80, allowing 2 feet of freeboard. The applicant is requesting a variance to allow construction of the home at a FFE of 870.25, which matches the existing builder's FFE. Under the variance proposal, the existing foundation would be left in place and the remainder of the home subsequently constructed.

P THE VARIANCE REQUEST WAS DENIED.

3. Long Lake is considered a General Development Lake for setback purposes and requires a minimum of 50 feet from the OHW of 866.0 for sewer properties. The proposed home is set back 55 feet, satisfying this requirement.

4. An Erosion Control Plan has been submitted specifying silt fence located downslope of all graded areas.

Board Action:

Recommendation: ^{APPROVAL.} ~~Table with authorization for administrative action pending receipt of:~~

Location: 1. Cash surety in the amount of \$2,000, REC'D 9/23/96 FROM RYAN CONSTRUCTION COMPANY.
Northeast quadrant of County Road C and Arthur Street, Roseville.

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

Purpose: Approval of a Final Site Drainage Plan for redevelopment of an office/warehouse building, 2.5± acres.

- Exhibits:
1. Permit Application dated September 12, 1996, received September 12, 1996.
 2. Grading, Drainage, and Erosion Control Plan and Detail Plan prepared by RLK Associates, dated May 21, 1996, received September 12, 1996.
 3. Arthur Street construction plans prepared by BRW, Inc., last revised January 1996, received September 19, 1996.
 4. RCWD Permit Files 93-110, 93-189, 94-50, and 94-51.

Findings:

1. Project involves the redevelopment of a 2.5± acre site as Lot 2, Block 1, of the Twin Lakes Center, as approved in RCWD Permits 93-110 and 93-189. The plans submitted under these previous permits contained temporary stormwater detention facilities located immediately north of the current site. As the site to the north was developed under RCWD-approved Permit 94-50, all temporary stormwater facilities were removed and a two-celled regional detention pond was constructed north of the entire development near Langton Lake under RCWD-approved Permit 94-51.

The current site is located within the tributary area as planned for in the regional pond drainage specifications for Permit 94-41. This pond provides rate control and water quality in accordance with District standards for the site and no on-site ponding will be required.

2. The Site Plans specify the connection of proposed storm sewer with existing Arthur Street utilities which are directed north to the regional pond.
3. An Erosion Control Plan has been submitted specifying a rock construction entrance and silt fence surrounding the site.
4. The flood elevation for Langton Lake is 908.6 (1990 Roseville CSMP). The site is built on a local high area near County Road C and the proposed FFE is 923.0, satisfying the District's 2-foot freeboard.
5. No wetlands will be impacted as a result of this project.

Board Action:

9/20/96
DSK