

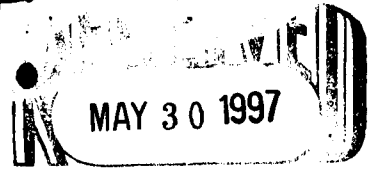
District's Official Copy

FINAL MAILED RPT.

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

MAY 28, 1997

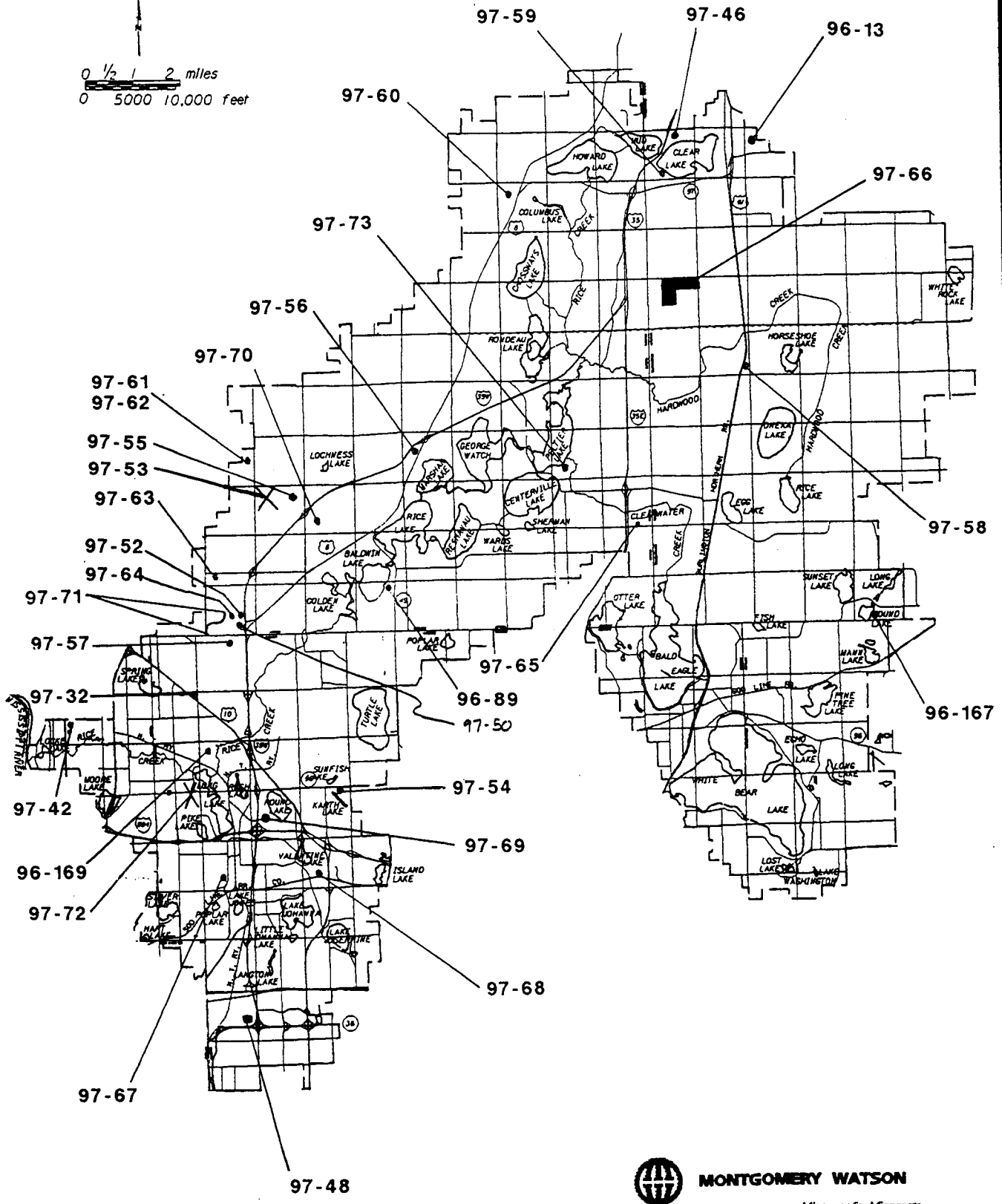
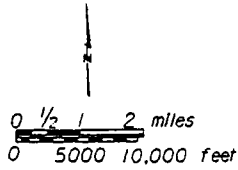


RICE CREEK
WATERSHED DISTRICT
C: INSP.

It was moved by CARDINAR and seconded by
 HULT 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 May 23,
1997.

WKG COPY

RICE CREEK
WATERSHED DISTRICT
1997 PERMIT



MONTGOMERY WATSON
Minneapolis, Minnesota

RICE CREEK WATERSHED DISTRICT

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MAY 28, 1997

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*To be presented

97-50 INDUSTRIAL EQUITIES, LLP (JOHN ALLEN) TWAFAA

REVISED 2:00 pm 5/28/97

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

1. Wetland outlet control structure configuration detail.
2. Revised Erosion Control Plan specifying silt fence located downstream of graded areas and between building and pond, and riprap extending below pond normal water level at storm sewer outfall.

Stipulation: Further site development shall require District review.

Location: 1250 South Shore Drive, City of Forest Lake.

T-R-S: 32-21-16 bbdd

Purpose: Approval of a Final Site Drainage Plan for a building addition to the St. Peter Catholic Church, 5.5± acres.

- Exhibits:
1. Permit Application, dated February 14, 1996, received February 14, 1996.
 2. Site Plan prepared by Larson Engineering, dated May 14, 1997, received May 15, 1997.
 3. Project narrative and drainage calculations performed by Westwood Professional Services, dated February 13, 1996, received February 14, 1996.
 4. Wetland delineation report prepared by Westwood Professional Services, dated January 19, 1995, received February 27, 1996.
 5. Site Plan prepared by Larson Engineering, dated May 14, 1997, received May 15, 1997.
 6. Runoff calculations prepared by Larson Engineering, last revised May 14, 1997, received May 15, 1997.
 7. Cash surety in the amount of \$2,000, received March 4, 1996.

- Findings:
1. Project entails the construction of a new education center addition to the existing St. Peter Catholic Church. Approximately 0.32 acres of new impervious area will be created. This Permit Application was approved on March 27, 1996 but the scope of development has been reduced to the single building addition.
 2. A severely degraded wetland at the south site border flows west to a large wetland complex prior to discharge to Clear Lake. Runoff will be routed via storm sewer to this wetland which will be modified to provide water quality treatment and rate control in accordance with District standards. A baffled weir will be provided to retain floatables.

5/23/97
DSK

Permit Application No. 96-13: St. Peter Catholic Community

3. An Erosion Control Plan has been submitted specifying riprap at the storm drain outfall. Silt fence will be required downstream of all graded areas and in between the proposed building and existing wetlands.
4. The flood elevation of the modified wetland/pond will be approximately 916.0. The proposed first floor elevation will be at least 926.0, satisfying the District's 2-foot freeboard requirement.
5. This Permit Application was previously approved on March 27, 1996.

Board Action:

5/23/97
DSK

Permit Application No. 96-89: Paul Howard

TWAFAA

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

1. ~~Documentation of MPCA approval of sewage lagoon abandonment.~~

① 2. Copy of MPCA NPDES permit application.

② 3. Cash surety in the amount of \$7,000.

Location: Southwest quadrant of Baldwin Court and Hodgson Road, Lino Lakes.

T-R-S: 31-22-31 abdd

Purpose: Approval of a Final Site Drainage Plan for construction of a trailer court to be known as Baldwin Lake Court, 19 lots, 7.3± acres, and a Wetland Alteration Plan to restore an on-site wetland.

- Exhibits:
1. Permit Application, dated June 12, 1996, received June 13, 1996.
 2. Site Plan prepared by Development Engineering, last revised April 28, 1997, received May 14, 1997.
 3. Wetland Delineation Report prepared by Development Engineering, dated October 23, 1995, received June 13, 1996.
 4. Runoff calculations prepared by Development Engineering, dated May 8, 1996, received June 13, 1996.
 5. Letter from MPCA regarding sewage lagoon abandonment procedures, dated July 3, 1996, received July 5, 1996.
 6. Project narrative prepared by Applicant, dated June 19, 1996, received June 21, 1996.
 7. Easement document prepared by David Torgersen, dated April 22, 1997, received April 25, 1997.
 8. Certificate of Easements prepared by Carley-Torgersen, Inc., dated April 22, 1997, received April 25, 1997.
9. ⑩ RCWD Permit Files 92-195 and 86-44.

⑨ LETTER TO PAUL
HOWARD REGARDING
LAGOON ABANDONMENT,
PREP'D BY MPCA, DATED
5/22/97, REC'D
5/27/97.

- Findings:
1. Project involves construction of a curb and guttered cul-de-sac to serve the trailer court development addition known as Baldwin Lake Court, which lies immediately to the north and was approved under RCWD Permit 86-44. Approximately 19 lots will be constructed on a currently undeveloped site. All roadway runoff will be collected and routed via storm sewer to a detention pond located at the northwest corner of the site. This pond discharges to a large existing Type III (PEM/SSb Cd) wetland riparian to Baldwin Lake. The pond provides

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DSK

Permit Application No. 96-89: Paul Howard

rate control and water quality treatment in accordance with District standards.

2. The wetland to be restored consists of an open water pond which historically served as a sewage lagoon and has been bermed off from the large adjacent Type III (PEM/SSb Cd) wetland. NWI maps indicate this 0.38± acre wetland is a Type V (PUBF) wetland and restoring this wetland to existing surrounding topography will not alter the hydrology of the area. Because removing the berm will effectively mitigate any storage losses from regrading, compensatory storage will not be required. The Applicant applied for a Wetland Alteration Plan permit under RCWD Permit 92-195 but withdrew the application. The restoration of the wetland will be considered a Wetland Conservation Act "no-loss" determination.
4. The FIS flood elevation for Baldwin Lake is 885.2. The minimum first floor elevation for the development will be 899.0, satisfying the District's 2-foot freeboard requirement.
5. The development is approximately 350 feet from Baldwin Lake's OHW of 883.1, satisfying DNR setback requirement for the lake of 100 feet.
6. An MPCA NPDES permit application will be required because the site has over 5 acres of disturbed area.
7. Documentation of MPCA's ^{ACKNOWLEDGMENT} ~~acceptance~~ of the wetland (sewage lagoon) abandonment ~~will be required.~~ has been submitted.
8. A legal document with satisfactory form and description has been submitted granting easements over ponds and wetlands.
9. This Permit Application was TWAFAA'd on June 26, 1996 for issues relating to stormwater management and MPCA sewage lagoon abandonment procedures.

Board Action:

5/23/97
DSK

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

1. Equalizer culvert size, material, and invert elevations.
2. Cash surety in the amount of \$1,000.

Location: 12020 Isleton Avenue, Hugo.

T-R-S: 31-21-35 cddc

Purpose: Approval of a Wetland Alteration Plan and Final Site Drainage Plan for construction of a single family residence on a lot riparian to Round Lake, 6.0± acres.

- Exhibits:
1. Permit Application, dated November 12, 1996, received November 13, 1996.
 2. Wetland delineation report prepared by Adequate Ecosolutions, Inc., dated December 23, 1996, received December 27, 1996.
 3. Erosion Control Plan prepared by Applicant, undated, received May 14, 1997.
 4. Site Survey Plan prepared by Applicant, undated, received May 14, 1997.

- Findings:
1. Project involves the construction of a single family residence and driveway on a currently undeveloped lot riparian to Round Lake. Approximately 1,750 square feet of Type I/II/VI wetland will be impacted by the driveway. Mitigation is not required as impacts fall under WCA's Washington County 2,000 square foot de minimus exemption. Equalizer culverts will be placed beneath the driveway.
 2. An Erosion Control Plan has been submitted specifying silt fence between all graded areas and existing wetlands.
 3. The flood elevation for Round Lake is 964.1. A proposed first floor elevation will be 978.0, satisfying the District's 2-foot freeboard requirement.
 4. Rate control and water quality treatment will not be an issue as very little new impervious areas are being created.
 5. This Permit Application was tabled on November 27, 1996 as no submittals had been received.

Board Action:

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

1. Pond implementation schedule.
2. Revised Erosion Control Plan specifying riprap at storm sewer outlet.
3. Specification of skimmer at pond overflow outlet and removal of proposed outlet pipe.
4. Signed legal document with satisfactory form and description granting easements over sedimentation basin.
5. Cash surety in the amount of \$2,000.

Location: 2425 Long Lake Road, New Brighton.

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

Purpose: Approval of a Final Site Drainage Plan for the reconstruction of an existing running track at Irondale High School, 28± acres.

- Exhibits:
1. Permit Application, dated November 14, 1996, received November 14, 1996.
 2. Grading and Drainage Plan prepared by Anderson Johnson Associates, dated April 30, 1997, received May 15, 1997.
 3. Runoff calculations prepared by Anderson Johnson Associates, dated May 15, 1997, received May 15, 1997.
 4. Details sheet prepared by A.J.A., dated April 30, 1997, received May 15, 1997.
 5. RCWD Permit File 93-06.

- Findings:
1. Project involves reconstruction (paving) of an existing cinder running track with a total impervious area of 1.0± acres. Current drainage ties into the storm sewer located on the north side of the track which flows east and discharges to a wetland riparian to Rice Creek. The project will reroute all track and immediately adjacent structure runoff to a new sedimentation basin located southeast of the track which provides water quality treatment in accordance with District standards and discharges to the wetland riparian to Rice Creek. Rate control will not be required as no new impervious areas are being created.
 2. The flood elevation for Rice Creek at Minnesota Transfer Railroad (1,200 feet south) is 873.5 (1992 RCWD flood study). All site work will be conducted above elevation 888.5 and will not entail floodplain fill.

5/23/97
DSK

Permit Application No. 96-169: ISD 621
Mike Kopietz

3. A large Type III (PF01/EMC) wetland is located immediately east of the site and lies riparian to Rice Creek. This wetland will not be adversely affected as a result of this project.
4. The site is immediately north of Poppyseed Estates which was approved under RCWD Permit 93-06.
5. This Permit Application was tabled on November 27, 1996 for issues relating to stormwater management, erosion control, and easements.

Board Action:

5/23/97
DSK

Recommendation: Approval.

Location: Southeast quadrant of Highway 96 and Trunk Highway 10, Arden Hills.

T-R-S: 30-23-21 abb

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for a building and parking lot addition to an existing church, 45.7± acres.

- Exhibits:
1. Permit Application, dated March 11, 1997, received March 13, 1997.
 2. Preliminary Grading, Drainage, and Erosion Control Plan prepared by HKS Associates, last revised April 14, 1997, received April 14, 1997.
 3. General detail sheet prepared by HKS Associates, dated March 7, 1997, received March 13, 1997.
 4. Runoff calculations prepared by HKS Associates, dated March 7, 1997, received March 13, 1997.
 5. MPCA permit application, dated March 11, 1997, received March 13, 1997.
 6. On-site wetland determination, prepared by HKS Associates, dated March 24, 1997, received March 25, 1997.
 7. Legal easement document prepared by North Heights Lutheran Church, dated April 3, 1997, received April 7, 1997.
 8. Wetland delineation report prepared by HKS Associates, dated May 6, 1997, received May 6, 1997.
 9. Easement description prepared by HKS Associates, dated April 24, 1997, received May 6, 1997.
 10. RCWD Permit Files 85-76, 95-128, and CSMP Files 84C02.
 11. Cash surety in the amount of \$2,000, received April 15, 1997 from Welsh Construction Corporation.
- Findings:
1. Project involves construction of a 1.3± acre building addition and a 1.9± acre parking lot, creating a total of 3.2 acres of new impervious area. An existing church is located adjacent to and north of the proposed project and was approved under RCWD Permit 85-76. The site is located within RCWD-approved CSMP 84C02. RCWD-approved Permits 95-128, 94-133, and 90-120 were issued for a separate church site immediately to the east.

Permit Application No. 97-32: North Heights Lutheran Church

2. All site runoff will be routed to an on-site detention pond which provides rate control and water quality treatment in accordance with District standards. This pond discharges to Trunk Highway 10 right-of-way and eventually to Round Lake.
3. NWI maps indicate the presence of several pocket Type III (PEMC) wetlands on the site. These wetlands have not been identified on the plans and have been field verified for no wetland impacts
4. The flood level for the on-site detention pond is 922.0 per the submitted plans. The proposed first floor elevation is 924.60, satisfying the District's 2-foot freeboard requirement.
5. An Erosion Control Plan has been submitted specifying silt fence located along the east, south, and west site boundaries, and riprap will be placed at all storm sewer outfalls. Additional silt fence will be placed between the proposed parking lot and detention pond.
6. A legal document with satisfactory form and description has been submitted covering all on-site wetlands, ponds, storm sewer, and other hydrologic features.
7. This Permit Application was TWAFAA'd on March 26, 1997 for issues relating to easements and wetland verifications.

Board Action:

5/23/97
DSK

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

1. Legal document with satisfactory form and description granting easements over on-site ponds, wetlands, storm sewer, and all other hydrologic features.
2. Cash surety in the amount of \$2,000.

Location: Southeast quadrant of Northco Drive and University Avenue N.E., Fridley.

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

Purpose: Approval of a Final Site Drainage Plan for a new office and warehouse facility, 4.0± acres.

- Exhibits:
1. Permit Application, dated April 8, 1997, received April 8, 1997.
 2. Preliminary Grading and Utility Plan prepared by Sunde Engineering, Inc., last revised May 2, 1997, received May 7, 1997.
 3. Stormwater management computations prepared by Sunde Engineering, Inc., last revised May 2, 1997, received May 7, 1997.
 4. Details Plan prepared by Sunde Engineering, Inc., last revised May 2, 1997, received May 7, 1997.
 5. RCWD CSMP File 89C02 and Permit File 95-153.

- Findings:
1. Project involves construction of an office/warehouse facility and parking facilities on a currently undeveloped site creating 2.1± acres of impervious area. Site is located within Lots 1 and 2, Block 2 of the Northco Business Park which was platted under RCWD-approved CSMP 89C02. Permit 95-153 was issued for Lots 1 and 2, Block 1 of the CSMP (immediately north of site).
 2. As approved, all developing sites within the Northco Business Park are required to have on-site rate control and water quality facilities. A new detention pond will be constructed at the southwest site corner to ultimately collect all site runoff, including 1.43 acres of the property to the east. This pond will discharge to city storm sewer on University Avenue's frontage road and provides rate control and water quality treatment in accordance with District standards.
 3. NWI maps indicate the presence of two small Type III (PEMC) wetlands on the site. A wetland delineation report has not been submitted. The city of Fridley serves as the LGU for WCA and had declared the on-site wetlands exempt from impacts.

5/23/97
DSK

Permit Application No. 97-42:

Fridley Business Center Partnership

4. An Erosion Control Plan has been submitted specifying silt fence and riprap located at all storm sewer outfalls. Additional silt fence will be placed at the northwest site corner along the proposed graded areas, as well as bale checks in the northerly drainage swale.
5. The flood elevation for the on-site detention pond is 858.59. The proposed first floor elevation will be 864.0, satisfying the District's 2-foot freeboard requirement.
6. A legal document with satisfactory form and description granting easements over on-site ponds, wetlands, storm sewer, and all other hydrologic features will be required.
7. This Permit was tabled on April 23, 1997 for issues relating to stormwater management, erosion control, and easements.

Board Action:

5/23/97
DSK

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

1. Specification of equalizer culvert under proposed roadway at wetland impact area at invert elevation matching wetland normal water levels.
2. Documentation that DNR shoreland standards have been met.
3. WCA 30-day public comment period.
4. Cash surety in the amount of \$4,000.

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

Location: Northwest quadrant of 217th Street N. and Fenway Avenue N., Forest Lake Township.

T-R-S: 32-21-18 aa

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a multifamily residential development to be known as Island Estates, 49 units, 38± acres.

- Exhibits:
1. Permit Application, dated April 10, 1997, received April 10, 1997.
 2. Grading and Erosion Control Plan prepared by Roger Nelson Engineering, last revised May 6, 1997, received May 7, 1997.
 3. Preliminary Utility Plan prepared by Roger Nelson Engineering, last revised May 6, 1997, received May 7, 1997.
 4. Site Plan and Subdivision Plan prepared by Roger Nelson Engineering, last revised May 6, 1997, received May 7, 1997.
 5. Runoff calculations prepared by Roger Nelson Engineering, dated April 9, 1997, received April 10, 1997.

5/23/97
DSK

Permit Application No. 97-46: National Builders

6. Wetland Delineation Report prepared by David Banta, dated October 9, 1995, received April 10, 1997.
7. Wetland Replacement Plan application prepared by Roger Nelson Engineering, undated, received April 10, 1997.
8. Wetland Replacement Plan prepared by R. Nelson Engineering, dated May 6, 1997, received May 7, 1997.
9. RCWD Permit 96-103.

Findings:

1. Project involves construction of a 49 unit multifamily residential development on a currently undeveloped site, including approximately 1,400 feet of roadway to serve the development. The entire length of the roadway, with the exception of 140 feet, will be routed to three new on-site detention ponds which discharge to adjacent wetlands. The 140-foot length of roadway at the north edge of the development will discharge to sedimentation basins providing water quality treatment prior to discharge to the wetlands.
2. The site has considerable wetland area with approximately 34 of the 39 acres delineated as Type II/III/IV wetlands. Approximately 2,600 square feet of Type II (PEMB) wetland will be impacted by road placement. Wetland mitigation will be provided at the south development edge in the form of created wetlands and ponding credits in the amount of 4,010 square feet, satisfying WCA's 2:1 replacement ratio.
3. An Erosion Control Plan has been submitted specifying a rock construction entrance, silt fence between graded areas and wetlands, and riprap at most storm sewer outfalls and pond emergency overflows. Additional silt fence will be placed between graded areas and proposed detention ponds, as well as riprap at all storm sewer outlets and roadway curb cuts.
4. The flood elevation for Clear Lake located directly south across 217th Street N. is 891.1 (1992 RCWD Flood Study). The currently proposed detention pond flood elevations are 894.2 and 893.2 for the north and south basins, respectively. The minimum proposed first floor elevation is 899.3, satisfying the District's 2-foot freeboard requirement.
5. RCWD Permit 96-103 was issued for the reconstruction of 220th Street N. and Eureka Avenue which border the site on the north and western edges, respectively.
6. This Permit Application was tabled on April 23, 1997 for issues relating to stormwater management, wetland impacts, erosion control, and first floor elevation.

Board Action:

5/23/97
DSK

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

1. Revised Erosion Control Plan specifying silt fence between proposed impervious surfaces and wetlands, and south of Building 1 parking area, as well as riprap at all storm sewer outfalls.
2. Detention time for the pond for the 2-year storm event.
3. Pond skimmer, outlet control structure, and storm sewer manhole details.
4. Documentation of STMH 2's effect on proposed pond normal water level of 927.0.
5. Legal document with satisfactory form and description granting easements over on-site pond, wetlands, and all other hydrologic features.

6. Cash surety in the amount of \$12,000, *REC'D 5/19/97 FROM OPUS NW.*

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.

4. Permit is for Phase I grading. Phase II Grading Plan will require further District review.

EXHIBIT (12)

Location: Northwest quadrant of Highway 36 and I-35W, Roseville

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

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for the construction of Gateway Business Park, 34± acres.

5/23/97
DSK

Permit Application No. 97-48: Opus Northwest, LLC

- Exhibits:
1. Permit Application, dated April 7, 1997, received April 10, 1997.
 2. Wetland Replacement Plan and sequencing narrative application prepared by Barr Engineering, dated April 11, 1997, received April 10, 1997.
 3. Wetland delineation report prepared by OSM, Inc., dated November 30, 1995, received April 10, 1997.
 4. Maintenance agreement prepared by Opus, dated May 13, 1997, received May 13, 1997.
 5. Project narrative prepared by Barr Engineering, dated May 15, 1997, received May 15, 1997.
 6. Copy of MPCA NPDES permit application.
 7. Stormwater Management Plan prepared by Barr Engineering, dated May 15, 1997, received May 15, 1997.
 8. Existing Conditions Plan prepared by Barr Engineering, dated May 15, 1997, received May 15, 1997.
 9. Grading and Erosion Control Plan prepared by Barr Engineering, dated May 15, 1997, received May 15, 1997.
 10. Runoff calculations prepared by Barr Engineering, dated May 12, 1997, received May 15, 1997.
 11. RCWD CSMP 82C05.

Findings:

1. Project involves Phase I of two-phased construction of a 34± acre business park on a primarily undeveloped lot. The site is located within RCWD-approved CSMP 82C05 and the Fulham Pond drainage district. The ponding and wetland requirements will be addressed for ultimate development conditions.
2. All site runoff will be routed to a new detention pond and mitigated wetland except for 9.7 acres of roof drainage which is routed to the created wetland to provide hydrology. The pond provides rate control and water quality treatment in accordance with District standards.
3. The Applicant is proposing 0.31 acres of wetland impact to Types II/III (PEMB/PEMC) wetlands. Approximately 0.52 acres of replacement wetland will be created on site, which satisfies WCA's 2:1 replacement ratio when applying Ramsey County's 2,000 square foot Deminimus exemption. The created wetland will bounce 0.4 feet for the 10-year event, satisfying WCA's 1.0-foot maximum bounce requirement.

5/23/97
DSK

Permit Application No. 97-48: Opus Northwest, LLC

4. An Erosion Control Plan has been submitted specifying rock construction entrances and silt fence located downslope of some graded areas. Additional silt fence will be required between proposed impervious surfaces and wetlands and south of Building 1 parking area, as well as riprap at all storm sewer outfalls.
5. A legal document with satisfactory form and description granting easements over on-site pond, wetlands, and all other hydrologic features will be required.
6. The on-site detention pond has a flood elevation of 934.9. The proposed first floor elevation will be 942.0, satisfying the District's 2-foot freeboard requirement.
7. This Permit Application was tabled on April 23, 1997 for stormwater management, erosion control, and wetlands.

Board Action:

5/23/97
DSK

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

1. 30-day public comment period.

- 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 89th Avenue N.E. and west I-35W service road, Blaine.

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

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for the construction of a two-phased office/warehouse building, 40± acres.

- Exhibits:
1. Permit Application, dated April 10, 1997, received April 10, 1997.
 2. Preliminary Grading, Drainage, and Erosion Control Plan prepared by Schoell and Madson, Inc., last revised May 7, 1997, received May 8, 1997.
 3. Runoff calculations prepared by Schoell and Madson, Inc., dated May 8, 1997, received May 8, 1997.
 4. Project narrative prepared by Schoell and Madson, Inc., dated April 10, 1997, received April 10, 1997.
 5. Letter to RCWD regarding wetland impacts prepared by Svoboda, dated April 4, 1997, received April 10, 1997.
 6. Copy of MPCA NPDES permit application, received May 8, 1997.
 7. RCWD Permit Files 96-162 and 96-32, and CSMP 95C01.
 8. Legal easement document prepared by Barna, Guzy, and Steffen, Ltd., dated May 9, 1997, received May 9, 1997.

Permit Application No. 97-50: John Allen, Industrial Equities LLP

9. Cash surety in the amount of \$5,000, received May 9, 1997 from Industrial Equities, LLP.

Findings:

1. Project involves construction of twin office/warehouse buildings on a currently undeveloped site, creating 16.1± acres of impervious area. The site was previously approved under RCWD Permit 96-32 but development was not realized. Phase I (south building) was approved in April 1997. This permit is for Phase II which involves wetland fill activities.
2. All site runoff will be routed through a large new sedimentation basin which discharges to the wetland adjacent to A/R JD 1. The site is tributary to the regional pond approved under RCWD CSMP 95C01 being constructed under RCWD Permit 96-162, and therefore rate control will not be required.
3. Approximately 2,944 cubic feet of floodplain fill below elevation 904.5 will be placed as a result of the project. Compensatory storage attached to the ditch and within the pond and parking areas will be provided.
4. Approximately 33,660 square feet of Type I/II wetlands will be filled as a result of this project. Applicant is applying WCA's De minimus exemption which allows up to 5,000 square feet of unmitigated wetland fill within Anoka County (Types I, II, VI, and VII). Wetland enhancement credit (public credit) will be given for the sedimentation basins and additional wetland area will be created from existing uplands at the southeast site corner. The Mitigation Plan satisfies WCA's 2:1 replacement ratio.
5. An Erosion Control Plan has been submitted specifying silt fence located between graded areas and the wetland and judicial ditch. Additional silt fence will be placed between the building and proposed ponds and riprap will be placed at all storm sewer outlets.
6. The flood elevation for the adjacent A/R JD 1 is 904.5. The proposed first floor elevation is 909.2, satisfying the District's 2-foot freeboard requirement.
7. A legal ^{EASEMENT} document with satisfactory form and description has been submitted.
8. Phase I of this permit was issued May 20, 1997. This permit is being amended to include Phase II.

Board Action:

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

1. Revised Site Plan identifying delineated wetland boundaries.
2. Revised Erosion Control Plan specifying riprap at all storm sewer outfalls, silt fence downslope of all graded areas, between the proposed and buildings, and between the parking lot and roadside ditch.
3. Legal document with satisfactory form and description granting easements over the on-site detention pond, wetlands, and all other hydrologic features including A/R JD 1 (50 feet from centerline).
4. Cash surety in the amount of \$2,000.

Stipulation: Future site expansion will require District review.

Location: Approximately 500 feet north of the northwest quadrant of 89th Avenue and I-35W frontage road, Blaine.

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

Purpose: Approval of a Final Site Drainage Plan for a commercial facility, 4.7± acres.

- Exhibits:
1. Permit Application, dated April 14, 1997, received April 17, 1997.
 2. Preliminary Grading, Erosion Control, and Utility Plan prepared by Charles Plowe Engineering, last revised April 16, 1997, received April 17, 1997.
 3. Runoff calculations prepared by Charles Plowe Engineering, dated April 15, 1997, received April 17, 1997.
 4. Wetland delineation report prepared by Arlig Environmental, Inc., dated April 23, 1997, received April 24, 1997.
 5. RCWD Permit Files 97-50, 96-32, 96-162, and CSMP File 95C01.

- Findings:
1. Project involves the construction of a commercial building and impervious parking areas on a currently undeveloped site, creating 2.38± acres of impervious area. The site is tributary to the Blaine regional pond (CSMP 95C01) which is currently being constructed under RCWD-approved Permit 96-162.
 2. All site runoff will be routed to a new detention pond which will provide rate control and water quality treatment in accordance with District standards. This pond discharges to the wetland adjacent to A/R JD 1 identified on NWI maps as a Type III (PEMC) wetland. It appears no wetland impacts will result from development.

5/23/97
DSK

Permit Application No. 97-52: R. J. Ryan Construction

3. An Erosion Control Plan has been submitted specifying silt fence downslope of all graded areas. Riprap will be required at all storm sewer outlets and additional silt fence will be required between the proposed building and pond.
4. A legal document with satisfactory form and description will be required granting easements over the on-site detention pond, wetlands, and all other hydrologic features including A/R JD 1 (50 feet from centerline).
5. The flood elevation for A/R JD 1 and the Blaine regional pond is 904.6. The proposed first floor elevation is 908.5, satisfying the District's 2-foot freeboard requirement.
6. RCWD Permit Files 97-50 and 96-32 were issued for the site located approximately 500 feet to the south.

Board Action:

5/23/97
DSK

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

1. Wetland delineation report.
2. Field verification by District staff of wetland boundaries.
3. Detailed survey of existing site conditions (1-foot topography).
4. Legal documents granting easements over Anoka County Ditch 53-62 (50 feet from centerline).
5. Map of areas to be altered.
6. Cash surety in the amount of \$1,000.

Stipulation: 1. A vegetative buffer riparian to Branch 5 of Anoka County Ditch 53-62 at a minimum width of 1 rod (16 feet) shall be provided.

2. No filling or draining of wetlands is authorized by this project.

Location: Approximately 2,500 feet west of the southwest quadrant of 109th Avenue and Lexington Avenue, Blaine.

T-R-S: 31-23-23 b

Purpose: Approval of a Wetland Alteration Plan for the conversion of an existing wetland to a sod farm, 137± acres.

- Exhibits:
1. Permit Application dated April 23, 1997, received April 24, 1997.
 2. Correspondence to RCWD regarding project status, prepared by Peterson Environmental Consulting, Inc., dated December 19, 1996, received April 24, 1997.
 3. Correspondence to RCWD regarding project status, prepared by Peterson Environmental Consulting, Inc., dated April 23, 1997, received April 24, 1997.

- Findings:
1. Project involves the conversion of an existing Type II/VI shrub carr wetland to a sod farming operation. No grading or filling of wetlands will occur as the project will strictly entail removal of existing vegetation above the ground surface. Vegetation removal will not entail the removal of stumps or grading of wetland surface.
 2. A wetland delineation report and topographic survey will be required to identify the extent of existing wetlands. The District will require at a minimum 16-foot vegetative buffer between Branch 5 of Anoka County Ditch 53-62 (north border of property) to protect ditch water quality and bank integrity.

Board Action:

* AT REQUEST OF APPLICANT

5/23/97
DSK

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

1. Revised Stormwater Management Plan specifying benched swale along north site boundary.
2. Erosion Control Plan.
3. Cash surety in the amount of \$1,000.

Location: 1212 West Highway 96, Arden Hills.

T-R-S: 30-23-22 aabb

Purpose: Approval of a Final Site Drainage Plan for additions to an existing church, 1.1± acres.

- Exhibits:
1. Permit Application, dated April 20, 1997, received April 23, 1997.
 2. Drainage Plan prepared by Kurth Surveying, dated April 13, 1997, received April 23, 1997.
 3. Boundary and topographic survey prepared by Kurth Surveying, dated April 13, 1997, received April 23, 1997.

- Findings:
1. Project involves the construction of a building and parking lot addition to an existing church creating a total new impervious area of 0.34± acres. All site runoff will be routed north to an existing Highway 96 right-of-way ditch. No pretreatment measures have been proposed. A benched swale on the north site border will be required to provide pretreatment and opportunity for infiltration.
 2. An Erosion Control Plan has not been submitted.
 3. NWI maps do not indicate the presence of wetlands on site.
 4. No floodplain exists on the site.

Board Action:

Permit Application No. 97-55: Joe Preiner

TAB *
TWAFEA

Recommendation: Table ~~with authorization for administration~~ pending receipt of:

1. Site Plan specifying proposed upstream culvert invert of at least elevation 892.30 and no greater than 892.70.
2. Erosion Control Plan.
3. Proposed flow diversion methods.
4. Verification by District Inspector of existing culvert size.
5. Cash surety in the amount of \$3,000.

Stipulation: An as-built culvert survey shall be submitted following construction.

Location: Approximately 1,500 feet southwest of the southwest quadrant of 109th Avenue and Lexington Avenue on Anoka County Ditch 53-62, Blaine.

T-R-S: 31-23-23 aacb

Purpose: Approval of a Culvert Construction Plan for the replacement of an existing 48-inch RCP on Anoka County Ditch 53-62.

Exhibits: 1. Permit Application dated April 25, 1997, received April 25, 1997.

Findings: 1. Project involves replacement of an existing 48-inch RCP at sta 118+40 on the Main Branch of Anoka County Ditch 53-62 with a 48-inch CMP. The Applicant has not specified proposed invert elevations. A 1994 AET survey identified the upstream and downstream elevations of existing culvert to be 892.7 and 892.3, respectively.

The Main Branch of Anoka County Ditch 53-62 at Lexington Avenue will be lowered per the Board's order from elevation 893.10 to ~~892.10 with a drop of~~ 892.30 (0.8-foot drop). The proposed culvert upstream invert at sta 118+40 may be lowered to 892.30 to match the Lexington Avenue elevation.

2. An as-built culvert survey will be required specifying invert elevations or the District Inspector may be on site at the time of culvert replacement to verify replacement invert elevations.
3. The proposed flow diversion methods and erosion control measures have not been specified.

Board Action:

* AT REQUEST OF APPLICANT

5/23/97
DSK

Permit Application No. 97-56: Successful Bidder, City of Lino Lakes
(To be Selected)

NPR

Recommendation: No permit required.

Location: Southwest quadrant of I-35W and Lake Drive, Lino Lakes.

T-R-S: 31-22-17 bccc

Purpose: Approval of a Utility Plan including a crossing of Anoka County Ditch
10-22-32.

Exhibits: 1. Permit Application, unsigned, undated, and received April 29, 1997.
2. Construction Plans (8 sheets) prepared by OSM, Inc., dated January
20, 1997, received April 29, 1997.

Findings: 1. This project was previously approved under RCWD Permit 97-01.
No modifications to previously approved plans are proposed and no
permit will be required.

Board Action:

5/23/97
DSK

- Recommendation: Table with authorization for administrative action pending receipt of:
1. Specification of 21-inch pipe replacing proposed 18-inch at northeast site corner.
 2. Revised Erosion Control Plan specifying on plan sheets riprap at curb cut outfalls and square feet of graded areas.
 3. Specification of driveway culverts at three driveways.
 4. Field verification by District staff of no wetland impacts.
 5. Cash surety in the amount of \$1,000.

Location: Northeast quadrant of 82nd Lane N.E. and Coral Sea Street, Blaine.

T-R-S: 30-23-5 aacc

Purpose: Approval of a Final Site Drainage Plan for an office/warehouse building, 3.6± acres.

- Exhibits:
1. Permit Application dated May 2, 1997, received May 6, 1997.
 2. Site Grading and Utility Plan prepared by Larson Engineering, dated May 6, 1997, received May 6, 1997.
 3. RCWD CSMP File 84C10 and Permit Files 93-180 and 83-150.

Findings:

1. This project involves the construction of an office/warehouse building on a currently undeveloped site, creating a total of 3.4± acres of impervious area. The site is located in the western portion of Lot 15, Block 3 of the Northstar Industrial Park as approved under RCWD CSMP 84C10 (Northstar Industrial Park). A regional pond was constructed under the CSMP to serve runoff from the entire business park and on-site rate control and water quality treatment will not be required.

The northern half of the site will be routed to a new 18-inch culvert and the southern one-half routed to the 82nd Lane storm sewer, both of which outlet to an existing ditch which conveys runoff to the regional pond. The north 18-inch culvert will need to be upgraded to 21 inches to provide conveyance capacity for runoff from the northern half of the lot.

2. An Erosion Control Plan has been submitted specifying riprap at curb cut outfalls and silt fence located downslope of all graded areas.
3. NWI maps do not indicate the presence of wetlands on the site.
4. The flood elevation for the regional pond is 905.5. The proposed first floor elevation is 910.0, satisfying the District's 2-foot freeboard requirement.

Board Action:

5/23/97
DSK

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

1. Proposed pond cross sections with relative drain tile elevations.
2. Reseeding timeframes and seed mixes.
3. Cash surety in the amount of \$500.

Stipulation: Declaration of Restrictions for wetland altered under agricultural exemption must be filed with the county recorder.

Location: 17205 North Forest Boulevard (Highway 61), Hugo.

T-R-S: 31-21-5 dfab

Purpose: Approval of a Private Drainage System Plan for construction of a drain tile system and wildlife pond, 11.0± acres.

- Exhibits:
1. Permit Application dated May 2, 1997, received May 6, 1997.
 2. Site Plan prepared by Applicant, undated, received May 6, 1997.
 3. Letter to Applicant by RCWD regarding WCA exemption, dated May 9, 1997.
 4. Cease and Desist Order prepared by Washington SWCD, dated May 2, 1997.
 5. RCWD Permit Files 95-10, 92-12, and 86-117.

- Findings:
1. This project involves the construction of approximately 2,400 feet of new drain tile in an existing agricultural field. These drain tiles will outlet in a proposed wildlife pond located near the center of the field. Plans indicate the east section of ditch which would serve as an outlet to the pond will be filled. The Applicant is applying for a WCA agricultural exemption which allows unmitigated fill for agricultural land use purposes. NWI maps do not indicate the presence of wetlands on the site.
 2. The proposed pond will be constructed per RCWD guidelines.
 3. No floodplain fill will be placed as a result of this project.
 4. RCWD-approved Permits 95-10 and 92-12 are issued to Lessard-Nyren for the properties north of the site and Permit 86-117 was issued for the site to the south.

Board Action:

5/23/97
DSK

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

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

Location: Approximately 1,000 feet northwest of the northeast quadrant of 210th Street N. and Everton Avenue N., Forest Lake Township.

T-R-S: 32-21-18 cdbb

Purpose: Approval of a Final Site Drainage Plan and Shoreline Improvement Plan for a single family residence riparian to Clear Lake and riprapped shoreline, 0.34± acres.

- Exhibits:
1. Permit Application dated May 7, 1997, received May 7, 1997.
 2. Site Plan prepared by Pacific Management, Inc., undated, received May 7, 1997.
 3. Project narrative prepared by Pacific Management, Inc., dated April 7, 1997, received May 7, 1997.

- Findings:
1. Project involves the construction of a single family residence on a currently undeveloped lot riparian to Clear Lake. Rate control and water quality treatment will not be an issue as very little new impervious areas are being graded and all runoff will be over drift areas to Clear Lake. The Applicant is also proposing to install riprap and filter fabric along Clear Lake's shoreline as a protective measure.
 2. The flood elevation for Clear Lake is 891.1 (1992 RCWD Flood Study). The proposed first floor elevation is 897.4, satisfying the District's 2-foot freeboard requirement.
 3. Erosion Control Plan has been submitted specifying silt fence located between the proposed home and Clear Lake.
 4. The home will be set back from Clear Lake's OHW approximately 60 feet. This satisfies the DNR's General Development setback requirement of 50 feet.
 5. NWI maps do not indicate the presence of wetlands on site.

Board Action:

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

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

Location: 7624-155th Avenue N.E., Columbus Township.

T-R-S: 32-22-22 bcaa

Purpose: Approval of a Final Site Drainage Plan for a residential garage, 4.5± acres.

- Exhibits:
1. Permit Application dated May 12, 1997, received May 13, 1997.
 2. Project narrative prepared by Dean Johnston, undated, received May 13, 1997.
 3. Wetland plan certification prepared by Anoka Conservation District, dated April 28, 1997, received May 13, 1997.

- Findings:
1. Project involves construction of a 0.2± acre garage addition on a currently developed single family residential site. Anoka County Ditch 46 borders the site on the south.
 2. The proposed garage location will be 215 feet from the county ditch and no floodplain fill will be placed.
 3. NWI maps indicate the presence of Type II (PEMBd) wetland along the southern site boundary adjacent to County Ditch 46. This wetland will not be impacted as a result of this project.
 4. An Erosion Control Plan has been submitted specifying silt fence located downslope of graded areas.

Board Action:

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

1. Field verification by District Inspector of no wetland fill.
2. Erosion Control Plan specifying silt fence located downslope of spoils placement area.
3. Spoils reseeding timeframes and seed mix.
4. Proposed pond cross section.
5. Cash surety in the amount of \$250.

Location: 3354 Rodeo Drive, Blaine.

T-R-S: 31-23-15 adca

Purpose: Approval of a Wetland Alteration Plan for the construction of a wildlife pond, 2.2± acres.

- Exhibits:
1. Permit Application dated May 14, 1997, received May 14, 1997.
 2. Site Plan prepared by Rehbein Companies, undated, received May 14, 1997.
 3. RCWD Permit Files 97-61, 94-197, 83-60, and 81-113, and Project Review File 83R02.

- Findings:
1. Project involves construction of a wildlife pond on a single family residential lot. The property is Lot 8, Block 3 of the North Oaks West development as approved under RCWD Permit Files 83-60 and 81-113 and Project Review File 83R02.
 2. An Erosion Control Plan has not been submitted.
 3. NWI maps indicate the presence of a Type PSSB/EMCd wetland along the southern property edge. The pond and spoils placement will be within an existing upland area and no wetland impacts will occur.
 4. A similar project located several blocks to the east is currently under review as Permit 97-62. The development directly to the east (Sunrise Oaks) was approved under RCWD Permit 94-197.

Board Action:

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

1. Identification of spoils disposal site.
2. Reseeding timeframes and seed mixtures.
3. Cash surety in the amount of \$250.

Location: 3631 Rodeo Drive, Blaine.

T-R-S: 31-23-15 adcd

Purpose: Approval of a Wetland Alteration Plan for the expansion of an existing pond, 3.0± acres.

- Exhibits:
1. Permit Application dated May 13, 1997, received May 14, 1997.
 2. Site Plan prepared by Rehbein Companies, undated, received May 14, 1997.
 3. RCWD Permit Files 97-61, 94-197, 83-60, and 81-113, and Project Review File 83R02.

- Findings:
1. Project involves the expansion of an existing detention pond constructed under RCWD-approved Permit 94-197. The site is Lot 2, Block 1 of the Sunrise Oaks development (Permit 94-197). The pond was constructed to treat runoff from Rodeo Drive prior to discharge to an existing wetland located over the majority of the south and west site areas.
 2. All work will be within an existing delineated wetland boundary. Spoils will be removed from the site.
 3. An Erosion Control Plan has been submitted specifying silt fence located around wetland boundaries.
 4. RCWD Permits 83-60 and 81-113 and Project Review 83R02 were issued for the North Oaks West development located directly west of the site. A similar project is being undertaken several blocks west of the site under RCWD Permit 97-61.

Board Action:

Permit Application No. 97-63: Katherine Eiber

~~TAB~~
TWAFAA

Recommendation: Table ^{WAFAA} pending receipt of:

1. Wetland delineation report.
2. Field verification by District staff of wetland boundaries.
3. ~~Legal document granting easements over any delineated on-site wetlands.~~

Stipulation: Further site development will require District review.

Location: Southwest quadrant of 95th Avenue N.E. and Bataan Street, Blaine.

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

Purpose: Approval of a Land Development Plan for a single family residential development to be known as Woods End, 3 lots, 1.8± acres.

- Exhibits:
1. Permit Application dated May 12, 1997, received May 14, 1997.
 2. Preliminary plat prepared by Lot Surveys Company, Inc., dated February 7, 1997, received May 14, 1997.
 3. RCWD Permit File 95-31 and CSMP 95C01.

- Findings:
1. Project involves the subdivision of a 1.8-acre parcel into two 0.26-acre lots, a 0.29-acre outlot, and a 0.99-acre lot. An existing home is present on the 0.99-acre lot. The site is tributary to the Blaine regional pond as approved under RCWD CSMP 95C01 and rate control and water quality treatment will not be required.
 2. NWI maps indicate the presence of a large Type III (PEMCd) wetland at the western site border. A wetland delineation report has not been submitted. Site plans do not indicate wetland encroachment.
 3. A legal document with satisfactory form and descriptions will be required granting easements over all on-site wetlands.
 4. A cash surety will not be required for this project pending wetland impact determination as no grading is currently proposed.
 5. RCWD-approved Permit 95-31 was issued for upgrades to Bataan Street.

Board Action:

5/23/97
DSK

- Recommendation: Table with authorization for administrative action pending receipt of:
1. Wetland delineation report including identification of wetland types.
 2. Field verification by District staff of wetland boundaries.
 3. Preliminary plat granting easements over on-site ponds, wetlands, floodplain, and all other hydrologic features including 50 feet from centerline of A/R JD1.
 4. Copy of MPCA NPDES permit.
 5. Pond implementation schedule.
 6. Cash surety of \$5,000.
- Location: Approximately 550 feet east of the northeast quadrant of Dunkirk Court and 88th Avenue N.E., Blaine.
- T-R-S: 31-23-34 dbbc
- Purpose: Approval of a Land Development Plan for a single family residential development to be known as Meadows of Rice Creek East, 16 lots, 11.6± acres.
- Exhibits:
1. Permit Application dated April 29, 1997, received May 14, 1997.
 2. Preliminary Grading and Erosion Control Plan prepared by Passe Engineering, Inc., dated April 10, 1997, received May 14, 1997.
 3. Runoff calculations prepared by Passe Engineering, Inc., dated May 14, 1997, received May 14, 1997.
 4. RCWD Permit Files 96-162 and 97-50 and CSMP File 95C01.
- Findings:
1. Project involves the construction of a single family residential development and approximately 600 feet of Dunkirk Court to serve the development. This development will tie in with the Meadows of Rice Creek development located directly to the west and approved under RCWD Permit 96-162. All roadway runoff will be routed through two sedimentation basins and subsequently to A/R JD1 which borders the site on the east and south. The site is tributary to the Blaine regional pond (CSMP 95C01) and therefore rate control will not be required. The sedimentation basins provide water quality treatment in accordance with District standards.

5/23/97
DSK

2. NWI maps indicate the presence of a Type PEM/SSbCd wetland riparian to A/R JD1. A total of 4,243 square feet of wetland will be impacted as a result of this project. Mitigation may or may not be required as the impact falls below the 5,000 square foot WCA Anoka County de minimus exemption for the Type II/VI wetland impacts but exceeds the 400 square foot exemption for wetland types III, IV, and V.
3. An Erosion Control Plan has been submitted specifying silt fence located downslope of all graded areas and riprap at all storm sewer outfalls. A pond implementation schedule will be required.
4. The flood elevation for A/R JD1 at the regional pond is 904.6 (CSMP 95C01). The minimum proposed first floor elevation will be 906.6, satisfying the District's 2-foot freeboard requirement.
5. A preliminary plat will be required granting easements over on-site ponds, wetlands, floodplains, and all other hydrologic features including 50 feet from centerline of A/R JD1.
6. The site directly to the east across A/R JD1 is being reviewed under RCWD Permit 97-50.

Board Action:

Recommendation: Table pending receipt of:

1. Wetland delineation report.
2. Field verification by District staff of wetland boundaries.
3. Revised Stormwater Management Plan routing all site runoff to pond.
4. Revised Erosion Control Plan specifying silt fence on north and south side of proposed pond, and riprap at pond storm sewer outfall.
5. Specification of driveway culverts at building entrances.
6. Cash surety in the amount of \$2,000.

Location: Approximately 1,000 feet east of the northeast quadrant of Cedar Street and Otter Lake Road, Lino Lakes.

T-R-S: 31-23-24 dcdd

Purpose: Approval of a Final Site Drainage Plan for a manufacturing facility, 4.2± acres.

- Exhibits:
1. Permit Application dated May 14, 1997, received May 15, 1997.
 2. Grading Plan prepared by Paramount Engineering and Design, dated May 25, 1997, received May 15, 1997.
 3. Utility Plan prepared by Paramount Engineering and Design, dated May 25, 1997, received May 15, 1997.
 4. Runoff calculations prepared by Paramount Engineering, dated May 14, 1997, received May 15, 1997.
 5. RCWD Permits 96-110, 96-95, 95-152, and 95-24.

- Findings:
1. Project involves the construction of a manufacturing facility on a currently undeveloped site. Approximately 75% of site runoff will be routed north to a new detention pond which discharges north to Clearwater Creek. A revised Stormwater Management Plan will be required routing all site runoff to this pond.
 2. An Erosion Control Plan has been submitted specifying silt fence located on the east, west, and south site borders. Additional silt fence will be required on the north and south sides of the proposed detention pond. Riprap at the pond outfall is also needed.
 3. The flood elevation for Clearwater Creek at I-35E is 910.85 (FIS). The proposed first floor elevation will be 925.1, satisfying the District's 2-foot freeboard requirement.

5/23/97
DSK

Permit Application No. 97-65: GNW Machine

4. NWI maps do not indicate the presence of wetlands on site. The property immediately to the west was found to have farmed wetlands on site.
5. RCWD-approved Permit 96-110 was issued for utility improvements to Otter Lake Road which will be realigned in the near future. RCWD Permits 96-96, 95-152, and 95-24 were approved for the Clearwater Estates development located south of the site.

Board Action:

5/23/97
DSK

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

1. Revised plat specifying easements over historical (drained) wetlands and hydric soil areas.
2. Specification of existing and proposed invert elevations for Enfield and Everton Avenue culverts.
3. Revised runoff calculations identifying existing condition 1- and 100-year peak flow rates to northwest wetland and dead storage calculations for the proposed pond for a 2.5-inch rainfall.
4. WCA 30-day public comment period.
5. 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.
 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: Approximately 650 feet west of the southwest quadrant of 190th Street N. and Fenway Avenue N., Forest Lake Township.

T-R-S: 32-21-31 a,b

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Fairview Farms, 12 lots, 152± acres.

- Exhibits:
1. Permit Application dated May 9, 1997, received May 15, 1997.
 2. Grading, Drainage, and Erosion Control Plan prepared by R. Nelson Engineering, dated May 15, 1997, received May 15, 1997.
 3. Wetland delineation report prepared by EnviroData, undated, received May 15, 1997.

Permit Application No. 97-66: Fairview Farms, LLC

4. Project narrative prepared by R. Nelson Engineering, dated May 15, 1997, received May 15, 1997.
5. Existing topography survey prepared by R. Nelson Engineering, undated, received May 15, 1997.
6. Runoff calculations prepared by R. Nelson Engineering, dated May 15, 1997, received May 15, 1997.
7. Wetland Replacement Plan application and sequencing narrative dated May 19, 1997, received May 16, 1997.

Findings:

1. Project involves the construction of a single family residential development to be known as Fairview Farms on a currently undeveloped site. Approximately 700 feet of Everton Avenue N. and 1,300 feet of Enfield Avenue N. will be constructed to serve the development.
2. All roadway runoff within the 44± acre tributary area will be routed to a new on-site detention pond at the northwest site corner. Rate control and water quality treatment will not be an issue for the remainder of the site as very little new impervious areas are being created and all runoff will be as overland flow to existing wetlands.
3. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas, rock construction entrances, and riprap at storm sewer outlets.
4. The wetland delineation report identified multiple pocket wetlands on the site. Approximately 0.05 acres of impact will occur as a result of Enfield Avenue N. construction. Mitigation efforts entail construction of a 0.10-acre wetland immediately north of the impact site. This plan meets WCA's 2:1 replacement ratio.
5. The flood elevations for each lot are determined by the individual wetlands in the immediate vicinity. All first floor elevations will be a minimum of 2 feet over the localized flood elevation.
6. A preliminary plat has been submitted granting easements over the on-site wetlands, pond, and natural drainageways.

Board Action:

5/23/97
DSK

Recommendation: Table pending receipt of:

1. Infiltration capacity of the proposed pond under the 100-year storm event.
2. Invert elevation for the proposed southeast corner storm sewer.
3. Pond outlet control structure and skimmer details.
4. Revised Erosion Control Plan with silt fence between proposed pond and impervious areas, and bale checks within south swale.
5. Preliminary plat (or) legal document granting easements for on-site ponds, storm sewer, and all other hydrologic features.
6. Field verification by District staff of no wetland impacts.
7. Cash surety in the amount of \$2,000.

Location: Southwest quadrant of 3rd Terrace N.W. and 8th Avenue N.W., New Brighton.

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

Purpose: Approval of a Land Development Plan for a multifamily residential development to be known as Silver Oak Townhomes, 29 units, 4.1± acres.

- Exhibits:
1. Permit Application dated August 2, 1996, received May 15, 1997.
 2. Site Plan prepared by Coffin and Gronberg, Inc., last revised May 20, 1997, received May 20, 1997.
 3. Runoff calculations prepared by Coffin and Gronberg, Inc., dated May 20, 1997, received May 20, 1997.
 4. RCWD Permit File 89-82.

- Findings:
1. Project involves the construction of a multifamily residential development to be known as Silver Oak Townhomes. The site currently has several homes on it which will be cleared prior to townhome construction.
 2. Ninety percent of site runoff will be routed east to a new detention pond which discharges to 8th Avenue N.W. storm sewer and flows to Hanson Park. The pond provides rate control in accordance with District standards. The remainder of the site flows via overland flow or storm sewer to the 8th Avenue utilities. Ponding will not be required for these off-line areas.

5/23/97
DSK

Permit Application No. 97-67:

Silver Oak Development

3. NWI maps do not indicate the presence of wetlands on site.
4. A preliminary plat or legal document granting easements over on-site ponding areas, storm sewer, and all other hydrologic features will be required.
5. The pond flood elevation will be 910.67. The minimum proposed first floor elevation will be 911.0, satisfying the District's nonregulatory freeboard requirement.
6. RCWD-approved Permit 89-82 was for a storm shelter on the property immediately to the north.

Board Action:

5/23/97
DSK

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

1. Field verification by District staff of no wetland impacts.
2. Copy of MPCA NPDES permit application.
3. Pond and erosion control implementation schedule.
4. Cash surety in the amount of \$1,000.

Location: Northwest quadrant of County Road E and Snelling Avenue, Arden Hills.

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

Purpose: Approval of a Final Site Drainage Plan for the construction of a recreational ball field, 6± acres.

- Exhibits:
1. Permit Application dated May 15, 1997, received May 16, 1997.
 2. Grading and Drainage Plan prepared by Anderson-Johnson Associates, Inc., undated, received May 15, 1997.
 3. RCWD Permit Files 96-41, 95-28, 95-102, and 94-129.

- Findings:
1. Project involves the construction of a 5± acre recreational baseball field. All site runoff will be routed to an existing wetland identified on NWI maps as a Type VI/VII (PF01C). NWI maps indicate an additional wetland near the center of the proposed ball field which is indicated on NWI maps as a Type II (PUBF). The plans do not identify this wetland.
 2. Rate control and water quality treatment will not be an issue as very little new impervious areas are being created and all runoff will be overland flow to existing wetland.
 3. An Erosion Control Plan has been submitted specifying silt fence located downslope of all graded areas, rock construction entrance, and riprap at storm sewer outfalls.
 4. The flood elevation for Valentine Lake located approximately 800 feet north is 881.0 (1992 RCWD Flood Study). All grading will be above elevation 900, and no floodplain fill will be placed.
 5. RCWD-approved Permits 96-41, 95-28, 95-102, and 94-129 were issued to Bethel College for various improvements to the campus.

Board Action:

5/23/97
DSK

Recommendation: Table pending receipt of:

1. Stormwater Management Plan.
2. Hydrologic calculations specifying residence time for basins 3, 4, and 5 for the 2-year storm event and bounce in the created wetland for 10-year storm event.
3. Erosion Control Plan.
4. Legal document with satisfactory form and description granting easements over on-site ponds, wetlands, and all other hydrologic features.
5. Review of first floors pending pond flood level determination.
6. Pond outlet control structure and skimmer detail.
7. Copy of MPCA NPDES permit application.
8. WCA 30-day public comment period.
9. Wetland Replacement Plan application.
10. Further review of wetland avoidance/minimization alternatives.
11. Cash surety in the amount of \$21,000.

- 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: Northeast quadrant of 14th Street N.E. and Round Lake Road W., Arden Hills.

T-R-S: 30-23-21 cab

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for a three-phased commercial development, 32± acres.

5/23/97
DSK

Permit Application No. 97-69: Welsh Development Company, LLC
City of Arden Hills

- Exhibits:
1. Permit Application, dated May 15, 1997, received May 15, 1997.
 2. Project narrative prepared by HKS Associates, Inc., dated May 15, 1997, received May 15, 1997.
 3. Wetland delineation report prepared by HKS Associates, Inc., dated May 15, 1997, received May 15, 1997.
 4. Wetland delineation report prepared by EnviroData, undated, received May 15, 1997.
 5. Wetland sequencing report prepared by HKS Associates, Inc., dated May 15, 1997, received May 15, 1997.
 6. Master Site Plan prepared by HKS Associates, Inc., dated May 15, 1997, received May 15, 1997.
 7. Preliminary Mitigation Plan prepared by HKS Associates, Inc., dated May 15, 1997, received May 15, 1997.
 8. RCWD Permit Files 97-33 and 96-119.
- Findings:
1. Project involves construction of a three-phased commercial development on a currently partially developed site. The permit is for Phases 2, 3, and 4 with Phase 1 under construction immediately north of the site under RCWD-approved Permit 96-119. Phase 2 was previously reviewed under RCWD Permit 97-33.
 2. Preliminary plans specify a series of five detention ponds, three of which will discharge to a wetland mitigation area at the southeast site corner. The remaining two basins will discharge to the Round Lake Boulevard right-of-way ditch. A detailed stormwater management plan and runoff calculations have not been submitted.
 3. A total of 1.32 acres of wetlands will be filled as a result of this project. Mitigation efforts include a 1.72-acre created wetland with the remaining wetland credits in the form of upland habitat and stormwater pond credits. The currently proposed Wetland Mitigation Plan satisfies WCA's 2:1 replacement ratio. Runoff calculations demonstrating the detention time for the upstream pond(s) are at least 24 hours for the 2-year event and the bounce in the created wetland for the 10-year event have not been submitted.
 4. An Erosion Control Plan has not been submitted.
 5. A legal document with satisfactory form and description granting easements over on-site ponds, wetlands, and all other hydrologic features will be required.

Board Action:

5/23/97
DSK

Permit Application No. 97-70: Fluoroware, Inc.

~~TAB~~
TWAFAA

Recommendation: Table ^{WFAA} pending receipt of:

1. Field verification by District staff of no wetland impacts.
- ~~2. Revised stormwater calculations including all impervious areas composite curve number calculations, and using a 5.9 inch rainfall as the 100-year frequency design storm.~~
3. Legal document with satisfactory form and description granting easements over the new detention pond, storm sewer system, and all other hydrologic features.
4. Specification of proposed first floor elevations.
- ~~5. Pond skimmer and outlet control structure details.~~
6. Cash surety in the amount of \$2,000.

Location: 4400 Ball Road, Blaine.

T-R-S: 31-23-24 cacc

Purpose: Approval of a Final Site Drainage Plan for an addition to an existing commercial facility, 4.6± acres.

- Exhibits:
1. Permit Application dated May 14, 1997, received May 15, 1997.
 2. Grading and Drainage Plan prepared by Dobolis, Johnson, and Ruggieri, Inc., dated April 10, 1997, received May 15, 1997.
 3. Utilities Plan prepared by Dobolis, Johnson, and Ruggieri, Inc., dated April 10, 1997, received May 15, 1997.
 4. Site Plan prepared by Dobolis, Johnson, and Ruggieri, Inc., dated April 10, 1997, received May 15, 1997.
 5. Certificate of Survey prepared by Lot Surveys Company, Inc., dated March 18, 1997, received May 15, 1997.

④ REVISED STORMWATER
CALCULATIONS PREP'D BY
ALLIANT ENGINEERING,
DATED 5/28/97, REC'D
5/28/97.

6. Grading, Sediment, and Erosion Control Plan prepared by Alliant Engineering, dated May 15, 1997, received May 15, 1997.
7. Stormwater Management Plan prepared by Alliant Engineering, dated May 15, 1997, received May 15, 1997.
8. RCWD Permit Files 86-105, 85-87, 82-120, and 84-32.

Findings:

- ① 1. Project involves the construction of a building and parking lot addition to an existing commercial building, creating a total of 1.8± acres of impervious area. All site runoff will be routed via storm sewer to a new detention pond located approximately 200 feet north of the proposed site.

5/23/97
DSK

Permit Application No. 97-70:

Fluoroware, Inc.

2. NWI maps do not indicate the presence of wetlands on the site.
3. An Erosion Control Plan has been submitted specifying silt fence located downslope of all graded areas and riprap at all storm sewer outfalls.
4. A legal document with satisfactory form and description granting easements over the new pond, storm sewer, and all other hydrologic features will be required.
5. No floodplain exists on site. The property is located approximately 300 feet southeast across Ball Road from Lateral 1, Branch 1 of Anoka County Ditch 53-62. No alterations to the ditch are proposed.
6. RCWD-approved Permit 86-105 was granted for the warehouse immediately north of the site. Permits 84-32 and 85-87 were issued for the Belmont Acres and Park West Estates residential developments, both located south of the site. Permit 82-120 was issued for an industrial building approximately 500 feet northeast of the site.

Board Action:

5/23/97
DSK

Permit Application No. 97-71: Successful Bidder, City of Blaine
(To be Selected)

TWAFAA

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

1. Permit Application signed by Successful Bidder.
2. Cash surety in the amount of \$3,000.
3. Permit fee in the amount of \$500.

Location: Approximately 6,000 feet of Xylite Street and Rice Creek Parkway, Blaine.

T-R-S: 31-23-34 b,c

Purpose: Approval of a Roadway Utilities Plan for approximately 6,000 feet of Xylite Street and Rice Creek Parkway.

- Exhibits:
1. Permit Application, unsigned, undated, received May 15, 1997.
 2. Construction Plan (22 sheets) prepared by city of Blaine, dated May 15, 1997, received May 15, 1997.
 3. Storm drainage worksheet prepared by city of Blaine, dated March 28, 1997, received May 15, 1997.
 4. RCWD Permit Files 97-28, 96-162, 96-155, and 95-31.

- Findings:
1. Project involves upgrades to approximately 2,400 feet of Xylite Street and 3,600 feet of Rice Creek Parkway which will serve the Meadows of Rice Creek development (RCWD-approved Permit 96-162). The northern and southern limits of the project are 91st Avenue and 85th Avenue (County Road J), respectively. 91st Avenue is currently being upgraded as part of RCWD-approved Permit 97-28, and Permits 96-55 and 95-31 were for Bataan Street and Flanders Street upgrades, respectively.
 2. The roadway plans agree with the development plans for the Meadows of Rice Creek. The southern 600 feet of Xylite Street will flow south to the existing 85th Avenue storm sewer and the northern 500 feet of Rice Creek Parkway will flow directly to A/R JD 1 per Permit 97-28. The remainder of the roadway will discharge through the Meadows of Rice Creek stormwater conveyance system. The entire section of roadway except the southern 600 feet of Xylite is tributary to the Blaine regional pond and rate control and water quality treatment will not be required.
 3. No wetlands will be impacted as a result of this project.
 4. An Erosion Control Plan has been submitted specifying silt fence located downslope of all graded areas. Riprap will be placed at storm sewer outfalls by Meadows of Rice Creek developer.

Board Action:

5/23/97
DSK

Permit Application No. 97-72: Successful Bidder, City of New Brighton TWAFAA
(To be Selected)

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

1. Permit Application signed by Successful Bidder.
2. Itemization of feasible water quality retrofit sites.
3. Cash surety in the amount of \$5,000.
4. Permit fee in the amount of \$500.

Location: West of Long Lake, New Brighton.

T-R-S: 30-23-18, 19

Purpose: Approval of a Roadway and Utilities Plan for improvements to 14 streets.

- Exhibits:
1. Permit Application, unsigned, undated, and received May 15, 1997.
 2. Construction Plans (16 sheets) prepared by the city of New Brighton, dated April 22, 1997, received May 15, 1997.
 3. Specifications book prepared by city of New Brighton, dated May 6, 1997, received May 15, 1997.

- Findings:
1. Project involves storm sewer, sanitary sewer, and watermain upgrades to Pike Lake Court, Fredeen Road, 15th Street N.W., 16th Street N.W., 17th Street N.W., 18th Street N.W., 19th Street N.W., 19th Terrace N.W., Greenview Drive, 15th Avenue N.W., 18th Avenue N.W., 19th Avenue N.W., 20th Avenue N.W., and 21st Avenue N.W.
 2. Existing drainage patterns will not be altered as a result of this project. New storm sewer will be constructed on 16th Street N.W. and 19th Street N.W. to promote more efficient drainage.
 3. No wetlands will be impacted as a result of this project.

Board Action:

5/23/97
DSK

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

1. Specification of proposed addition first floor elevation.
2. Cash surety in the amount of \$250.

Location: 1677 Peltier Lake Drive, Centerville.

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

Purpose: Approval of a Final Site Drainage Plan for a three season room on an existing home riparian to Peltier Lake, 0.3± acres.

- Exhibits:
1. Permit Application dated May 14, 1997, received May 15, 1997.
 2. Project narrative prepared by Wayne LeBlanc, dated May 14, 1997, received May 15, 1997.
 3. Site sketch prepared by Wayne LeBlanc, dated May 14, 1997, received May 15 1997.
 4. RCWD Permits 92-76, 91-130, 90-75, and 88-79.

Findings: 1. Project involves the construction of a three season room in the place of an existing deck attached to a single family residence. The lot is riparian to Peltier Lake with the three season porch on the lakeward side of the home. Peltier Lake is classified by the DNR as a Natural Environment water with a setback requirement of at least 150 feet for sewerred lots. As proposed, the house would have a setback of approximately 82 feet. However, DNR shoreland ordinance rules specify the setback may be less than 150 feet if the two structures adjacent to the home have an average setback less than (closer to the lake) the proposed structure. The setback data for the site are as follows:

- East adjacent house setback = 77 feet
- West adjacent house setback = 63 feet
- Average setback = 70 feet
- Proposed structure setback = 82 feet

Therefore, the structure is allowed at a setback of 82 feet.

2. The proposed first floor elevation has not been identified and will need to be at least 889.0 to satisfy the District's 2-foot freeboard requirement. The flood elevation for Peltier Lake (1992 RCWD Flood Study, FIS) is 887.0.
3. An Erosion Control Plan has been submitted specifying silt fence between the proposed structure and Peltier Lake.
4. No wetlands will be impacted as a result of this project.

5/23/97
DSK

Permit Application No. 97-73: Wayne LeBlanc

5. RCWD-approved Permits 92-76, 91-130, 90-75, and 88-79 were issued for various construction or improvements to nearby single family residences on Peltier Lake Drive.

Board Action:

5/23/97
DSK