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RICE CREEK WATERSHED DISTRICT

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

MARCH 26, 1997

LOGGED: 3-31-97/JK

COPIED TO FILES: 3-27-97/JK

KEYED: 4-3-97/BT

It was moved by HULT and seconded by

COOPER 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 March

21, 1997. S-O

FINAL EDITS

RICE CREEK WATERSHED DISTRICT

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MARCH 26, 1997

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*To be presented

REVISED 3/26/97 2:00 PM

Recommendation: Approval.

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 bbdd

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 Charles Plowe, last revised February 21, 1997, received February 24, 1997.
 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.
 5. Runoff calculations prepared by Charles Plowe, dated January 29, 1997, received February 6, 1997.
 6. Cash surety in the amount of \$2,000, received October 10, 1996 from Harvey Ehman.
 7. RCWD Permit File 87-141.

- Findings:
1. The project involves the construction of a 3,200 square foot shop and storage 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.
 2. Permit 87-141 was not closely followed during construction and the development as-builts are markedly different than the originally approved plans.

The CSMP pond (south of site) will not be utilized and an on-site pond will be constructed. This pond provides rate control and water quality treatment in accordance with District standards.
 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.

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.
6. This Permit Application was TWAFAA'd on September 25, 1996 for stormwater management.

Board Action:

9/20/96
DSK

TAB
~~TAB~~
TAB

Permit Application No. 96-177: Successful Bidder, Anoka County
(To Be Selected)

Recommendation: ~~Table~~ pending receipt of:

1. Further discussions with Anoka County and Circle Pines regarding the appeal of the Board's order.
- ~~2. Revised Erosion Control Plan specifying silt fence along west side of Lexington Avenue, fiber blanket on pond sideslopes, and reseeding timeframes.~~
- ~~3. Narrative addressing continuance of existing Lexington Avenue right-of-way drainage.~~
4. Permit Application signed by Successful Bidder.
5. Permit fee in the amount of \$1,000.
6. Cash surety in the amount of \$10,000.

STIPULATION: ANOKA COUNTY SHALL PROVIDE A TOTAL OF 10.8 AC-FT OF STORAGE WITHIN THE GOLDEN LAKE SEDIMENTATION BASIN.

Location: Lexington Avenue (CSAH 17) between Lovell Road and Pheasant Ridge Drive, Blaine, Circle Pines, Lexington.

T-R-S: 31-23,24,25,26

Purpose: Approval of a Culvert Construction Plan for a replacement crossing on Anoka County Ditch 53-62 and reconstruction of 7,000± feet of Lexington Avenue (CSAH 17).

- Exhibits:
1. Permit Application, undated, unsigned, received December 12, 1996.
 2. Project narrative prepared by SRF Consulting Group, Inc., dated January 29, 1997, received January 30, 1997.
 3. Model schematics (XP-SWMM) for the 100-year, 24-hour rainfall; 100-year, 10-day snowmelt; and 10-year, 24-hour rainfall, prepared by SRF Consulting Group, Inc., dated November 22, 1996, received December 18, 1996.
 4. Construction plans (262 sheets) prepared by SRF Consulting Group, Inc., dated December 30, 1996, received January 30, 1997.
 5. Drainage calculations prepared by SRF Consulting Group, Inc., dated November 25, 1996, received December 18, 1996.
 6. Drainage area map prepared by SRF Consulting Group, Inc., dated December 30, 1996, received February 1, 1997.
 7. Wetland delineation report prepared by SRF Consulting Group, Inc., date October 15, 1996, received February 18, 1997.

3/21/97
DSK

Permit Application No. 96-177: Successful Bidder, Anoka County
(To Be Selected)

⑩ EROSION CONTROL
MEMORANDUM PREP'D
BY SRF CONSULTING
GROUP, DATED 3/25/97,
REC'D 3/25/97.

8. Water Resource Project Notification Application Form prepared by SRF Consulting Group, Inc., dated January 20, 1997, received February 18, 1997.

Wetland impact figure prepared by SRF Consulting Group, Inc., undated, received February 18, 1997.

⑪ RCWD Permit Files 84-32 and 92-33.

Findings:

⑪ LETTER FROM ANOKA COUNTY
TO REGARDING PROJECT
ISSUES, DATED 3/21/97,
REC'D 3/21/97.

1. Project involves reconstruction of 1.7 miles of Lexington Avenue between Lake Drive and Pheasant Ridge Drive, including the replacement of the existing dual 5-foot by 5-foot wooden box culverts (upstream invert = 893.10; downstream invert = 892.88) on Anoka County Ditch 53-62 with an 842-foot long, 12-foot by 8-foot RCP box (upstream and downstream inverts = 890.10).

The culvert inverts will be lowered 3.0 feet but will have a weir placed at its upstream end with a crest elevation of 892.30. This crest elevation is 0.8 feet below existing invert and complies with the legal profile of the ditch as defined in the 1996 legal proceedings.

2. The culvert was modeled under the assumption that it will ultimately fill with sediment to the weir crest elevation (892.30). The loss of this cross-sectional area will make the culvert behave as a 12-ft by 5.8-ft RCP box. The current ditch profile elevations immediately upstream and downstream of the proposed 842-foot culvert are 893.13 and 892.40, respectively. The adjacent ditch bottom will not be excavated as part of this project.

~~TWO~~ ^{TWO} rating curves (flow rate versus stage) have been constructed for the Ditch 53-62 box culvert options and the resulting data is summarized in the table below:

Stage (ft)	Discharge	
	Existing Dual 5 ft by 5 ft Wooden Box	Proposed 12 ft by 5.8 ft RC Box
892.3	0	0
893.1	0	9.3
894.0	14	20
895.0	33	38
896.0	66	74
897.0	108	115
898.0	152	153
899.0	190	185

3/21/97
DSK

Permit Application No. 96-177: Successful Bidder, Anoka County
(To Be Selected)

Additional data:

- Existing 100-year flood data: Q = 162 cfs; stage = 898.4 ft
 - Existing 10-year flood data: Q = 91.4 cfs; stage = 896.6 ft
 - Existing upstream invert = 893.10
 - Proposed weir invert = 892.30
 - Crown of existing and proposed culverts = 898.10
 - Lexington Avenue crest (proposed) = 902.2
3. The rating curves and results of the XP-SWMM model indicate the 10- and 100-year event stages through the proposed 12-ft by 5.8-ft box culvert will not increase.
4. Dead storage provisions will be provided within a new detention pond to be constructed on an adjacent lot west of Lexington Avenue between 97th Lane and Edgewood Road in Blaine, and through enlargement of the existing Golden Lake sedimentation basin. Below is a tabulation of the Lexington Avenue drainage patterns and receiving waterbodies:

Location	Length (ft)	Receiving Waterbody	Dead Storage Provided?
Lake Drive to Lovell Road	260	Existing storm sewer	No
Lovell Road to north side of Lexington City Hall	400	Existing storm sewer to Golden Lake sedimentation basin	Yes
North of Lexington City Hall to 200± feet south of 99th Avenue N.E.	3,200	Proposed detention pond	Yes
200± feet south of 99th Avenue N.E. to I-35W North exit ramp	3,300	Anoka County Ditch 53-62 to Golden Lake sedimentation basin	Yes
I-35W North exit ramp to Lexington Avenue bridge crest	250	I-35W northbound right of way (south)	No
Lexington Avenue bridge crest to Pheasant Ridge Drive	1,100	I-35W South right-of-way (north)	No

5. Approximately 1.33 ac-ft of floodplain within Anoka County Ditch 53-62 will be filled due to the extended culvert length and need for extended roadway embankments. An existing dry pond located at the northeast quadrant of North Road created under RCWD-approved Permit 84-32 (Belmont Acres) will be partially filled as a result of this project and approximately 0.41 ac-ft of volume will be lost. The existing dry pond, baffled weir, and 21- and 30-inch culverts will be replaced with a new baffled weir and a single 36-inch pipe which will discharge directly to the proposed box culvert. These storage losses will be mitigated within the existing Golden Lake sedimentation basin created under RCWD-approved Permit 92-33. The basin will be expanded to provide an additional 3.58 acre-feet of dead storage and 1.93 acre-feet of live storage. *ADDITIONALLY, ANOKA COUNTY WILL PROVIDE 7.22 AC-FT OF DEAD STORAGE TO MITIGATE DEAD STORAGE IMPACTS UPSTREAM OF LEXINGTON AVE. DSK*
3/21/97
-5- L IN DITCH 53-62

Permit Application No. 96-177: Successful Bidder, Anoka County
(To Be Selected)

6. Several wetlands were delineated within the Lexington Avenue right-of-ways and a total of 1.16 acres will be impacted. No on-site mitigation is require because 1.08 acres are exempt from WCA's mitigation rules regarding public transportation projects and replace of the nonexempt 0.08 acres of wetland impacts is the responsibility of BWSR. No DNR protected waters or wetlands will be impacted.
- ~~7. A revised Erosion Control Plan will be required specifying silt fence along the west side of Lexington Avenue, fiber blanket on pond sideslopes, and reseeding timeframes.~~
8. This permit was tabled on January 8, 1997 pending review of finalized construction plans, culvert hydraulics, wetland impacts, and stormwater management.

Board Action:

3/21/97
DSK

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

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

Location: Approximately 300 feet south of the ^{W 46th} ~~south~~ quadrant of 93rd Avenue NE and Flanders Street NE, Blaine.

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

Purpose: Approval of a Land Development Plan with construction of a single-family residential development to be known as Sugar Woods, 15 lots, 5.5± acres.

- Exhibits:
1. Permit Application, dated January 16, 1997, received January 16, 1997.
 2. Preliminary grading and utility plan prepared by Glenn Rehbein Company, dated December 3, 1996, received January 16, 1997.
 3. Wetland delineation report prepared by Anoka Conservation District, dated October 9, 1996, received January 16, 1997.
 4. RCWD Permit files 96-162, 96-55, 95-71, and CSMP 95CO1.

- Findings:
1. The project involves the construction of a single family residential development and 1,400± feet of roadway to serve the development. The site is tributary to the Anoka Ramsey Judicial Ditch 1 regional pond (RCWD Permit 96-162 and CSMP 95CO1). Rate control and water quality treatment will be provided by the regional pond.
 2. The wetland delineation report concludes that no wetlands are present on the site. NWI maps do not indicate the presence of wetlands on the site.
 3. An Erosion Control Plan has not been submitted due to minimal grading requirements.
 4. The flood elevation for Anoka/Ramsey Judicial Ditch 1 located approximately 700 feet east of the site is 906.0 (RCWD Permit 95-71). The minimum first floor elevation will be 914.3 satisfying the District's 2-foot freeboard requirement.
 5. RCWD-approved Permit 95-71 (Aspen Ridge) is located directly east of the site and Flanders Street was reconstructed under RCWD approved Permit 96-55.
 6. This Permit Application was TWAFFA'd on February 26, 1997 for surety.

Board Action:

3/21/97
DSK

Permit Application No. 97-11:

Perry Laden & Nancy Guthrie

7. RCWD approved Permits 85-44, 83-105, and 82-73 were issued for trailer park construction and improvements located south of the site, and RCWD-approved Permit 81-145 was issued for shoreline alterations to Baldwin Lake north of the site.
8. This Permit Application was TWAFAA'd on February 26, 1997 for issues relating to stormwater management.

Board Action:

3/21/97
DSK

Permit Application No. 97-22: Successful Bidder, City of ~~Blaine~~ *Fridley* NPR
(To be Selected)

Recommendation: No permit required.

Location: 6085 N.E. 7th Street, Fridley.

T-R-S: 30-24-23 abbb

Purpose: Approval of a Final Site Drainage Plan for an addition to the Fridley Community Education Center, 5.5± acres.

- Exhibits:
1. Permit Application, unsigned, undated, received February 14, 1997.
 2. Site plans prepared by Setter, Leach, and Lindstrom, dated December 24, 1996, received February 14, 1997.
 3. Runoff computations prepared by Setter, Leach, and Lindstrom, dated February 2, 1997, received February 4, 1997.
 4. Project narrative prepared by Setter, Leach, and Lindstrom, received February 11, 1997, received February 14, 1997.

- Findings:
1. Project is located outside of the District's legal and hydrologic boundary and a permit is not required.

Board Action:

3/21/97
DSK

Permit Application No. 97-23: Successful Bidder, City of Blaine
(To be Selected)

TWAFAA

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

1. Permit Application signed by Successful Bidder.
2. Revised plan specifying trench blocks located on sanitary sewer and watermain within the wetland between Coral Sea Court and Coral Sea Street.
3. Cash surety in the amount of \$6,000.
4. Permit fee in the amount of \$500.

Stipulation: As-built surveys of the proposed A/R JD 1 ditch crossings shall be submitted following project completion.

Location: Xylite Street, Rice Creek Parkway, Dunkirk Street, 88th Avenue, Dunkirk Court, 89th Avenue, Coral Sea Court, and Coral Sea Street, Blaine.

T-R-S: 31-23-34

Purpose: Approval of a Roadway and Utility Construction Plan for 10,500± feet of roadway to serve the Meadows of Rice Creek development.

- Exhibits:
1. Permit Application, undated, unsigned, received February 14, 1997.
 2. Construction plans (15 sheets) prepared by the City of Blaine, dated February 6, 1997, received February 14, 1997.
 3. Contract documents and technical specifications prepared by the City of Blaine, dated February 6, 1997, received February 14, 1997.
 4. RCWD Permit Files 96-162 and 97-27.

- Findings:
1. Project involves the construction of a sanitary sewer and watermain for approximately 10,500 feet of roadway which will serve the Meadows of Rice Creek residential development (RCWD-approved Permit 96-162). The proposed utilities will cross Anoka-Ramsey Judicial Ditch 1 at future Coral Sea Street and existing 89th Avenue. A minimum of 4 feet of clearance will be provided between the existing ditch bottom and watermain crown. An existing 36-inch CMP on Judicial Ditch 1 under 89th Avenue will be removed and replaced with open ditch matching the existing upstream and downstream cross sections. 89th Avenue will no longer be utilized for access from the I-35W frontage road.
 2. Proposed roadway alignment is consistent with plans approved under RCWD Permit 96-162. NSP is proposing a gas line under 89th Avenue as RCWD Permit 97-27.

3/21/97
DSK

Permit Application No. 97-23: Successful Bidder, City of Blaine
(To be Selected)

3. Several hundred feet of utilities between Coral Sea Court and Coral Sea Street will be constructed within an existing wetland area. Trench blocks will be required on the watermain and sanitary sewer to prevent wetland dewatering.
4. An Erosion Control Plan has been submitted specifying silt fence located between proposed grading areas and wetlands.

Board Action:

3/21/97
DSK

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

1. Revised Site Plan specifying proposed first floor elevations and Apollo Drive overflow elevation.
2. Revised Erosion Control Plan specifying silt fence directly adjacent to graded areas and several bale checks along southwest drainage swale.
3. Discussion with city regarding outlet to CSMP pond.
4. Revised Grading Plan eliminating all grading in the existing CSMP pond below elevation 902.0.
OR PROVIDING EQUAL COMPENSATORY STORAGE
5. Cash surety in the amount of \$2,000.

Location: 474 Apollo Drive, Lino Lakes.

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

Purpose: Approval of a Final Site Drainage Plan for the construction of an office building complex and parking lot, 6.5± acres.

- Exhibits:
1. Permit Application dated February 28, 1997, received February 26, 1997.
 2. Site plan prepared by Development Engineering, dated January 31, 1997, received February 6, 1997.
 3. RCWD CSMP File 84C11.

- Findings:
1. Project involves the construction of three office buildings with adjacent bituminous parking areas on a currently undeveloped site, creating a total new impervious area of 5± acres. All site runoff will be routed west to a regional pond constructed under RCWD-approved CSMP 84C11. This pond does not currently have an outlet and provides 10 acre-feet of storage. No on-site ponding is proposed.
 2. NWI maps do not indicate the presence of wetlands on site.
 3. An Erosion Control Plan has been submitted specifying riprap at curb cut outfalls and silt fence within the existing pond. The silt fence must be moved closer to the disturbed areas and bale checks will be required within the southwest swale.
 4. The proposed first floor elevations have not been submitted and will be required to be at least 1 foot over the Apollo Drive overflow elevation.

Board Action:

3/21/97
DSK

Permit Application No. 97-25: Successful Bidder, Ramsey County
(To be Selected)

TWAFAA

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

1. Permit Application signed by Successful Bidder.
2. Final Stormwater Drainage Plan (if Draft Plan was modified).
3. Quantification of wetland impacts by basin number within RCWD.
4. Erosion Control Plan.
5. Design details for Ponds 1, 2, and 3.
6. Cash surety in an amount to be determined.

Location: Highway 96 between Old Highway 8 and I-35E, New Brighton, Arden Hills, Shoreview, White Bear Lake, and White Bear Township.

T-R-S: 30-23-14,15,16

Purpose: Approval of a Roadway Construction Plan and Wetland Alteration Plan for improvements to 6.5± miles of Trunk Highway 96.

Exhibits: 1. Permit Application, unsigned, undated, received February 25, 1997.
2. Draft Stormwater Drainage Plan prepared by BRW, Inc., dated August 1996, received September 16, 1996.

④ CONSTRUCTION PLANS (166 SHEETS)
PREP'D BY BRW INC,
DATED 2/26/97, REC'D 3/21/97 → ④
3. Wetland Alteration and Replacement Plan prepared by BRW, Inc., dated February 24, 1997, received February 25 1997.

Findings: 1. Project involves the reconstruction of 6.5± miles of Highway 96. Only the portion draining to the District was reviewed and consists of 2.0± miles. Three stormwater detention ponds are proposed along Highway 96 to collect runoff from roadway and adjacent tributary areas. These ponds provide rate control and water quality treatment in accordance with District standards. No wetlands will be impacted as a result of pond construction.

2. Approximately 6.03 acres of wetlands will be impacted as a result of this project. The specific impact area within the District has not been specified.

3. An Erosion Control Plan has not been submitted.

4. The flood elevation for Round Lake is 892.5 (1992 RCWD Flood Study). No fill will be placed in the floodplain.

Board Action:

3/21/97
DSK

Recommendation: Table pending receipt of:

1. Wetland delineation report.
2. Field verification by District staff of wetland boundaries.
3. Erosion Control Plan specifying erosion control measures located downslope of all graded areas and in between wetlands.
4. Quantification of pole barn wetland impacts.
5. Legal document granting easements over all on-site wetlands and other hydrologic features.
6. Cash surety in an amount to be determined.

Location: Approximately 2,000 feet north of the northeast quadrant of 180th Street and Fenway Avenue, Forest Lake Township.

T-R-S: 32-21-32 cbbb

Purpose: Approval of a Wetland Alteration Plan for the construction of a pole barn, 20± acres.

- Exhibits:
1. Permit Application dated March 10, 1997, received March 11, 1997.
 2. Site survey prepared by Hult and Associates, Inc., dated February 25, 1997, received March 11, 1997.
 3. RCWD Permit Files 94-18 and 93-200.

- Findings:
1. Project involves the construction of a pole barn on a currently undeveloped site. There is considerable wetland area on site and a wetland delineation report has not been submitted.
 2. Rate control and water quality treatment will not be an issue as very little new impervious area is being created and all site runoff will drain across upland areas to existing wetlands.
 3. A small drainage ditch bisects the site and flows south to Hardwood Creek. The site is indicated on FIS maps as Zone C floodplain. The overflow elevation for the drainage lateral at 180th Street is at least 926.0 (USGS quads).
 4. Approximately one-half of the pole barn will be constructed within the wetland indicated on NWI maps as a Type III (PEMCd) wetland. Final pole barn placement and wetland impact quantification will be determined upon receipt of wetland delineation report. The applicant is requesting WCA's de minimus exemption in Washington County which allows up to 2,000 square feet of unmitigated impacts within Types I, II, and VII wetlands.

3/21/97
DSK

Permit Application No. 97-26: Shelly and Tim Medina

5. An Erosion Control Plan has not been submitted and will be required specifying erosion control measures located downslope of all graded areas.
6. A legal document with satisfactory form and description will be required over all on-site wetlands.
7. RCWD Permits 94-18 and 93-200 are located 800 and 400 feet south, respectively, of the current site. Both Permit Applications were withdrawn.

Board Action:

3/21/97
DSK

Permit Application No. 97-27: Northern States Power Company

APP
TWAFAA

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

~~1. Revised crossing detail specifying a minimum of 4.5 feet of cover between existing ditch bottom as gas main crown.~~

~~2. Cash surety in the amount of \$3,000, REC'D 3/25/97 FROM NSP.~~

Stipulation: An as-built survey of the gas line and ditch bottom separation will be required.

Location: Approximately 1,000 feet west of the intersection of 89th Avenue and I-35W frontage road, Blaine.

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

Purpose: Approval of a Utility Construction Plan to construct a gas main under Anoka-Ramsey Judicial Ditch 1.

- Exhibits:
1. Permit Application dated March 5, 1997, received March 11, 1997.
 2. Cross-section detail prepared by NSP, dated February 26, 1997, received March 25, 1997.
 3. Site Plan prepared by NSP, dated February 16, 1997, received March 11, 1997.

④
⑤ RCWD Permit Files 97-23 and 96-162.

- Findings:
1. Project involves the construction of a gas main along 89th Avenue to serve the Meadows of Rice Creek development (RCWD-approved Permit 96-162). The proposed gas main will be constructed below Anoka-Ramsey Judicial Ditch 1. The culvert at 89th Avenue will be removed to create open ditch conditions under Permit Application 97-23.
 2. The current plans specify 36 inches of cover between the gas main and the existing 36-inch culvert invert. A minimum of 4.5 feet of cover will be required.
 3. No grading will be performed for this project as directional borings will be utilized.
 4. No wetlands will be impacted as a result of this project.

Board Action:

3/21/97
DSK

Permit Application No. 97-28: Successful Bidder, City of Blaine
(To be Selected)

TAB

Recommendation: Table pending receipt of:

1. Permit Application signed by Successful Bidder.
2. Wetland delineation report for wetland east of Flanders Street.
3. Field verification by District staff of wetland boundaries.
4. Narrative regarding proposed 48-inch trough structure addressing, at a minimum, potential wetland dewatering, maintenance requirements, flow capacity, and implementation purpose.
5. Cash surety in an amount to be determined.
6. Permit fee in the amount of \$500.

Location: 91st Avenue between Xylite and Flanders Street, 90th Lane, Zumbrota Street, and Bataan Street, Blaine.

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

Purpose: Approval of a Utilities Construction Plan for improvements to 4,200± feet of roadway.

- Exhibits:
1. Permit Application, unsigned, undated, received March 11, 1997.
 2. Construction plans prepared by City of Blaine, dated February 20, 1997, received March 11, 1997.
 3. Project narrative prepared by City of Blaine, dated March 10, 1997, received March 11, 1997.
 4. RCWD Permit Files 97-23, 96-162, 96-55, 95-115, 95-71, and 95-31.

- Findings:
1. Project involves the upgrading of 4,200± feet of existing roadway including storm sewer, watermain, and sanitary sewer for 91st Avenue between Xylite and Flanders Street, 90th Lane, Zumbrota Street, and Bataan Street. All street runoff will be routed east across an existing wetland identified on NWI maps as Type III (PEMC) to Anoka-Ramsey Judicial Ditch 1.

A 48-inch RCP will extend to the approximate edge of the existing wetland, at which point it will be modified to form a 48-inch diameter corrugated plastic pipe trough which will flow across the Type III wetland to the ditch. Site plans indicate the trough overflow elevation is consistently lower than existing wetland grade and may have dewatering effects.

3/21/97
DSK

Permit Application No. 97-28: Successful Bidder, City of Blaine
(To be Selected)

2. The streets are bordered on the south by the Meadows of Rice Creek development (RCWD-approved Permit 96-162). Bataan and Flanders Streets were approved under RCWD Permits 95-31 and 96-55, respectively. The site located immediately north of the proposed storm sewer outfall is known as Aspen Ridge and was approved under RCWD Permits 95-71 and 95-115.
3. A small section of 90th Avenue discharges south to a sedimentation basin as approved under the Meadows of Rice Creek permit.
4. An Erosion Control Plan has been submitted specifying silt fence located downslope of graded areas and riprap at the conveyance system outfall.
5. A drainage and utility easement granted under RCWD-approved Permit 95-71 is currently in place over the proposed storm sewer alignment.

Board Action:

3/21/97
DSK

Recommendation: Table ~~with a list of items to be completed pending receipt of:~~

1. Wetland delineation report.
2. Field verification by District staff of wetland boundaries.
3. ~~Wetland Replacement Plan~~ sequencing narrative.
4. Permit Application signed by Successful Bidder.
5. Quantification of floodplain fill below elevation 915.0.
6. Revised Site Plan specifying pretreatment measures at storm sewer outlet for tributary area.

X ① Cash surety in the amount of \$23,000.

X ⑩ Permit fee in the amount of \$1,000.

- Stipulations:
1. The Notice of Use Restriction and Maintenance Responsibility for the replacement wetland shall be properly filed and recorded prior to return of survey escrow.
 2. The permittee shall submit a monitoring report on the replacement wetland to RCWD which includes the information specified in Minnesota Rules 8420.0620 each year for five years following completion of the replacement wetland. The report shall be submitted no later than November 15 of each year.
 3. Applicant shall provide replacement wetland in conjunction with the Clearwater Creek Stormwater Management Plan.

Location: 150th Avenue N. and Flay Avenue, Hugo.

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

Purpose: Approval of a Roadway and Utilities Plan and Wetland Alteration Plan for improvements to Flay Avenue and 150th Street N.

- Exhibits:
1. Permit Application, undated, unsigned, received March 12, 1997.
 2. Project narrative prepared by OSM, Inc., dated March 11, 1997, received March 12, 1997.
 3. Wetland Replacement Plan Application prepared by City of Hugo, unsigned, undated, received March 12, 1997.

① REPLACEMENT WETLAND
DESIGN DETAIL INCLUDING
CROSS-SECTION, SIDE-SLOPES,
& UNEVEN BOTTOM CONTOURS.
② 30-DAY PUBLIC COMMENT
PERIOD.

Permit Application No. 97-29: Successful Bidder, City of Hugo
(To be Selected)

⑥ WETLAND REPLACEMENT
PLAN PREP'D BY OSM
& ASSOCIATES, DATED
3/20/97, REC'D 3/21/97.

4. Construction Plans (11 sheets) prepared by OSM, Inc., dated March 3, 1997, received March 12, 1997.
5. Letter regarding wetland surety prepared by City of Hugo, dated March 10, 1997, received March 12, 1997.

Findings:

- ① 1. Project involves improvements to 150th Avenue N. and Flay Avenue to facilitate construction of, and access to, a future post office. 150th Street will be constructed and utilities will be placed within both roadways.

A WETLAND REPLACEMENT
PLAN HAS BEEN SUBMITTED
SPECIFYING 0.57 ACRES
OF REPLACEMENT WETLAND
NEAR A/W JD 3 + AT
THE NW CORNER OF
ST. JOHN'S CEMETARY.

2. Approximately 0.27 acres of wetland will be impacted as a result of this project. The wetland is indicated on NWI maps as a Type VI (PSS1Bdg). The city ~~is proposing to mitigate these impacts~~ in conjunction with the future Clearwater Creek improvements. ~~Replacement plans have been submitted to District 1 and approved.~~ WILL LIKELY PROVIDE FINAL MITIGATION
3. A storm sewer will be constructed within 150th Street N. and Flay Avenue and discharge west to North Branch of Clearwater Creek (A/W JD 3). This storm sewer will collect all runoff from newly created impervious areas. No pretreatment measures have been specified.
4. An Erosion Control Plan has been submitted specifying silt fence located downslope of all graded areas and riprap at the storm sewer outfall.
- 5: The flood elevation for Clearwater Creek immediately west of the project is 915.0 (FIS). ~~The Applicant has not specified floodplain fill volumes if needed.~~ NO FLOODPLAIN FILL WILL OCCUR AS A RESULT OF THIS PROJECT.

Board Action:

3/21/97
DSK

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

1. Revised Site Plan specifying benched swale on east and west sides of proposed shop.
2. Specification of size and materials for right-of-way driveway culvert.
3. A revised Erosion Control Plan specifying silt fence on the south property border and downstream of proposed driveway culvert.
4. Field verification by District staff of no wetland impacts.
5. Specification of proposed shop first floor elevation.
6. Cash surety in the amount of \$1,000.

Location: 16953 Forest Boulevard N., Hugo.

T-R-S: 31-21-8 aaab

Purpose: Approval of a Final Site Drainage Plan for the construction of a 3,360 square foot repair shop, gravel parking area, and driveway, 2.8± acres.

- Exhibits:
1. Permit Application, dated March 12, 1997, received March 12, 1997.
 2. Site Plan prepared by Gary LaCasse, undated, received March 12, 1997.
 3. RCWD Permit File 86-117.

- Findings:
1. Project involves construction of a 3,360 square foot light repair shop and 0.50 acres of gravel driveway and parking areas. A benched swale will be required on the east and west sides of the proposed shop to collect runoff.
 2. NWI maps do not indicated the presence of wetlands on the site. District staff will field verify no wetland impacts.
 3. An Erosion Control Plan has been submitted specifying silt fence located on the north and eastern site edges. Additional silt fence will be required along the south border and downstream of the proposed 170th Street right-of-way culvert.
 4. The site ^{IS NOT} ~~is not~~ located near any identifiable drainageways and is an FIS Zone C floodplain. No floodplain fill will be placed.
 5. RCWD-approved Permit 86-117 is located directly north of the site across 170th Street.

Board Action:

3/21/97
DSK

Recommendation: Table pending receipt of:

1. Permit Application signed by Successful Bidder.
2. Narrative describing purpose and drainage area of Pond A (including Trunk Highway 10 drainage).
3. Proposed impacts to Rice Creek and Anoka-Ramsey Judicial Ditch 1.
4. Hydrologic calculations for ponds and tributary areas showing dead storage equal to runoff from a 2.5-inch rainfall over tributary areas and normal, 1-, and 100-year stormwater levels.
5. Erosion Control Plan with riprap at all storm sewer outfalls and silt fence downslope of all graded areas and in between graded areas and ponds.
6. Baffled weir (skimmer) with detail at pond outlets.
7. Cash surety in the amount of \$5,000.

Location: I-35W between Highways 10 and 118, Mounds View.

T-R-S: 30-23-4,5,8,9

Purpose: Approval of a Roadway Construction Plan for improvements to 7,350± feet of I-35W.

- Exhibits:
1. Permit Application, unsigned, undated, received March 13, 1997.
 2. Project narrative prepared by MnDOT, dated March 12, 1997, received March 13, 1997.
 3. Preliminary site plans prepared by MnDOT, undated, received March 13, 1997.

- Findings:
1. Project involves construction of two inside lanes along 7,350± feet of I-35W between Highways 10 and 118. Four ponding systems will be constructed within the interchanges of Highway 10, County Road I, and Highway 118 to collect all runoff from existing and proposed interstate roadway. Applicant has not submitted documentation to support the District's rate control and water quality treatment standards. Each pond discharges to Rice Creek.
 2. NWI maps indicate the presence of a Type III (PEMC) wetland within the proposed Pond A. NWI maps do not indicate the presence of wetlands at any other potential ponding sites.

Permit Application No. 97-31: Successful Bidder, MnDOT
(To be Selected)

3. During negotiations with Ramsey County regarding the reconstruction of Old Highway 8, MnDOT expressed interest in collecting Trunk Highway 10's runoff and the pond adjacent to Rice Creek. It is unclear from the site plan if Highway 10 drainage will be routed to Pond A.
4. An Erosion Control Plan has not been submitted and will be required specifying riprap at all storm sewer outlets, and silt fence located downslope of all graded areas and in between graded areas and ponds. Skimmers will be required at all pond outlets.
5. No floodplain fill will result from this project.
6. Rice Creek lies directly adjacent to Pond A and is within 500± feet of Pond C. Anoka-Ramsey Judicial Ditch 1 passes under I-35W via storm sewer near the Highway 118 interchange. It is unclear if impacts are proposed to the ditch system.

Board Action:

2/21/97
DSK

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

TWAFAA
TAB

Recommendation: Table ^{WAFAA} pending receipt of:

- ~~1. Wetland delineation report, wetland sequencing narrative, and Replacement Plan application if wetland impacts are proposed.~~
- 2. Field verification by District staff of wetland ^{NO} ~~impacts~~. IMPACTS.
- ~~3. Revised Erosion Control Plan specifying silt fence between proposed parking lot and pond.~~
- 4. Legal document granting easements over all on-site wetlands, ponds, storm sewer, and other hydrologic features.
- 5. Cash surety in an amount to be determined.

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, dated March 10, 1997, received March 13, 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. RCWD Permit Files 85-76, 95-128, and CSMP Files 84C02.

⑥ ON-SITE WETLAND DETERMINATION PREP'D BY HKS ASSOCIATES, 5. DATED 3/24/97, REC'D 3/25/97. → ⑥

- 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.
 - 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.

3/21/97
DSK

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

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 ~~wetland delineation report will be required.~~
L WILL BE 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 ~~required~~
PLACED between the proposed parking lot and detention pond.
6. A legal document with satisfactory form and description will be required over all on-site wetlands, ponds, storm sewer, and other hydrologic features.

Board Action:

3/21/97
DSK

Recommendation: Table pending receipt of:

1. Wetland delineation report, wetland sequencing narrative, and Replacement Plan application (wetland impacts are proposed).
2. Field verification by District staff of wetland boundaries.
3. Delineation of existing condition subwatersheds.
4. Revised Grading Plan providing alternative outlet to be utilized prior to 14th Street N.E. construction.
5. Cash surety in an amount to be determined.

- 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 3rd Avenue N.E., Arden Hills.

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

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for the construction of an office/warehouse facility, 8.9± 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, dated March 10, 1997, received March 13, 1997.
 3. Existing conditions and boundary survey plan, and general detail sheet prepared by HKS Associates, dated March 10, 1997, received March 13, 1997.
 4. Hydrologic calculations prepared by HKS Associates, dated March 7, 1997, received March 13, 1997.
 5. Preliminary sequencing narrative prepared by HKS Associates, dated March 13, 1997, received March 13, 1997.

3/21/97
DSK

Permit Application No. 97-33: Welsh Development Company, LLC

6. Copy of MPCA NPDES permit application, dated March 11, 1997, received March 13, 1997.
7. RCWD Permit File 96-119.

Findings:

1. Project involves construction of an office/warehouse facility with impervious parking areas on a currently undeveloped site, creating a total new impervious area of 7.0± acres. All site runoff will be routed to an on-site detention pond located at the western site border. This pond provides rate control and water quality treatment in accordance with District standards. The proposed pond outlet will be to currently unconstructed 14th Street N.E. storm sewer. An alternate discharge location will be required prior to 14th Street construction.
2. Several wetlands have been tentatively identified on the site. A wetland delineation report has not been submitted.
3. An Erosion Control Plan has been submitted specifying silt fence located on the east, south, and west side borders, and riprap at all storm sewer outfalls. Additional silt fence will be required along the entire north grading limits.
4. The flood level for the on-site detention pond is 891.70. The proposed first floor elevation will be 905.0, satisfying the District's 2-foot freeboard requirement.
5. A legal document with satisfactory form and description granting easements over the on-site wetlands, pond, storm sewer, and other hydrologic features will be required.
6. The property immediately to the north was developed under RCWD-approved Permit 96-119.

Board Action:

3/21/97
DSK

Recommendation: Table pending receipt of:

1. Permit Application signed by Successful Bidder.
2. Sizing calculations for Gray's Pond sedimentation basin.
3. Revised Site Plan specifying skimmers at Gray's Pond sedimentation basin and Neville Pond outlets.
4. Narrative addressing existing 4-inch PVC outlet at Neville Pond.
5. Description of downstream conveyance system for Pond 5.
6. Identification on construction plans of Glendale Pond outlet system.
7. Specification of actual normal water levels for Ponds 3, 4, and 5.
8. Revised Erosion Control Plan specifying silt fence located downslope of all graded areas and in between graded areas and ponds/wetlands.
9. Hamline Lake sedimentation pond grading plan and/or detail.
10. A cash surety in the amount of \$5,000.
11. Permit fee in the amount of \$500.

Location: Warner Avenue between Greenwood Street and Maple Street, Mahtomedi.

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

Purpose: Approval of a Roadway and Utilities Plan for improvements to approximately 5,000 feet of Warner Avenue.

- Exhibits:
1. Permit Application, unsigned, undated, received March 13, 1997.
 2. Construction plans prepared by MSA Consulting Engineers, dated February 1997, received March 13, 1997.
 3. Hydrologic calculations prepared by MSA Consulting Engineers, dated February 14, 1997, received March 13, 1997.
 4. WCA road replacement report projections prepared by MSA Consulting Engineers, dated January 13, 1997, received March 13, 1997.
 5. Project narrative prepared by MSA Consulting Engineers, undated, received March 13, 1997.

3/21/97
DSK

Permit Application No. 97-34: Successful Bidder, City of Mahtomedi

6. Subwatershed delineations prepared by MSA Consulting Engineers, undated, received March 13, 1997.
7. Neville Pond diversion weir detail prepared by MSA Consulting Engineers, dated March 12, 1997, received March 13, 1997.
8. RCWD Permit Files 96-153 and 96-52.

Findings:

1. Project involves improvements to Warner Avenue between Greenwood Street and Maple Street, including storm sewer upgrades and new construction. The stormwater runoff will be routed to several ponds, including a newly created sedimentation basin and an expanded low area at the south quadrant of Locust Street and Neville Street, to be known as Neville Pond.
2. The proposed drainage patterns will be as follows:
 - Maple Street to Kale Street, north to existing storm sewer at Maple Street, and subsequently to the Hamline Lake sedimentation basin.
 - Kale Street to Iris Street. New storm sewer will connect to existing storm sewer and the proposed Neville Pond. Neville Pond then outlets to existing storm sewer to a final existing sedimentation basin located at Mahtomedi Beach Park (RCWD-approved Permit 96-153).
 - Iris Street to Dahlia Street currently discharges to Gray's Pond (Pond 4) at the northwest quadrant of Dahlia Street and Warner Avenue, which is identified on NWI maps as a Type II (PEMB) wetland. A sedimentation basin will be constructed upstream of this pond to remove coarse sediments. Gray's Pond discharges to an existing pond (Pond 5).
 - Dahlia Street to Wood Street. Stormwater is discharged to an existing low area located at the southwest quadrant of Dahlia Street and Warner Avenue. This drainage was reviewed and approved under RCWD Permit 96-52, which consisted of improvements to Warner Avenue and Forest, Greenwood, Glendale, and Wood Streets. A new storm sewer from Pond 3 discharges under Wood Street to the Glendale Pond, which was also constructed under Permit 96-52.
 - Wood Street to Greenwood Street connects with existing storm sewers, including discharge from the Glendale Pond, and is routed south to Stillwater Road and eventually White Bear Lake.
3. Approximately 200 square feet of wetland will be impacted as a result of this project. No on-site mitigation will be required as BWSR assumes mitigation responsibility for public transportation projects involving existing roadway reconstruction.

3/21/97
DSK

Permit Application No. 97-34: Successful Bidder, City of Mahtomedi

4. An Erosion Control Plan has been submitted specifying riprap located at all storm sewer outfalls. Site plans need to specify silt fence located downslope of all graded areas and in between all graded areas and ponds/wetlands.

Board Action:

3/21/97
DSK

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

1. Specification of drive and culvert size and material.
2. Revised Erosion Control Plan specifying riprap at driveway culvert outfall and erosion control matting detail and/or descriptive narrative.
3. Cash surety in the amount of \$1,000.

Location: 3555 North Victoria Street, Shoreview.

T-R-S: 30-23-35 abbb

Purpose: Approval of a Final Site Drainage Plan for an addition to the existing Island Lake School, 12.1± acres.

- Exhibits:
1. Permit Application, dated March 11, 1997, received March 13, 1997.
 2. Site layout, drainage plan, and details prepared by Wold Architects and Engineers, dated March 11, 1997, received March 13, 1997.
 3. RCWD Permit Files 87-170 and 83-73.

- Findings:
1. Project involves construction of a building addition and small adjacent parking area to the existing Island Lake Elementary School, creating a total new impervious area of 0.14± acres. Rate control and water quality will not be an issue as very little new impervious area is being graded and all site runoff is routed as overland flow across two large recreational ball fields.
 2. An Erosion Control Plan has been submitted specifying silt fence located downslope of the proposed building addition. Riprap will be required at the driveway culvert outfall.
 3. NWI maps do not indicate the presence of wetlands on this site.
 4. The historical high water elevation for Island Lake located approximately 600 feet north of the site 947.4. The proposed first floor elevation is substantially higher at 967.0, satisfying the District's 2-foot freeboard requirement.
 5. RCWD-approved Permits 87-170 and 83-73 were issued for the Church of St. Odilia, located approximately 1/2 block south of the current site.

Board Action:

3/21/97
DSK

Permit Application No. 97-36: Spring Lake Park Lumber Company

NPR

Recommendation: No permit required.

Location: Southwest quadrant of Park Terrace and Center Drive, Spring Lake Park.

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

Purpose: Approval of a Final Site Drainage Plan for a building and parking lot addition to an existing industrial facility, 5.4± acres.

- Exhibits:
1. Permit Application, dated March 14, 1997, received March 15, 1997.
 2. Site plan prepared by Charles Plowe Engineering, dated March 10, 1997, received March 14, 1997.
 3. Runoff calculations prepared by Charles Plowe Engineering, dated March 10, 1997, received March 14, 1997.

Findings: 1. Site is located outside of the District's hydrologic and legal boundary and no permit will be required.

Board Action:

3/21/97
DSK