

OFFICIAL REPORT TO RCWD

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

JANUARY 26, 2000

It was moved by MANAGER CARONAL and seconded by MANAGER 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

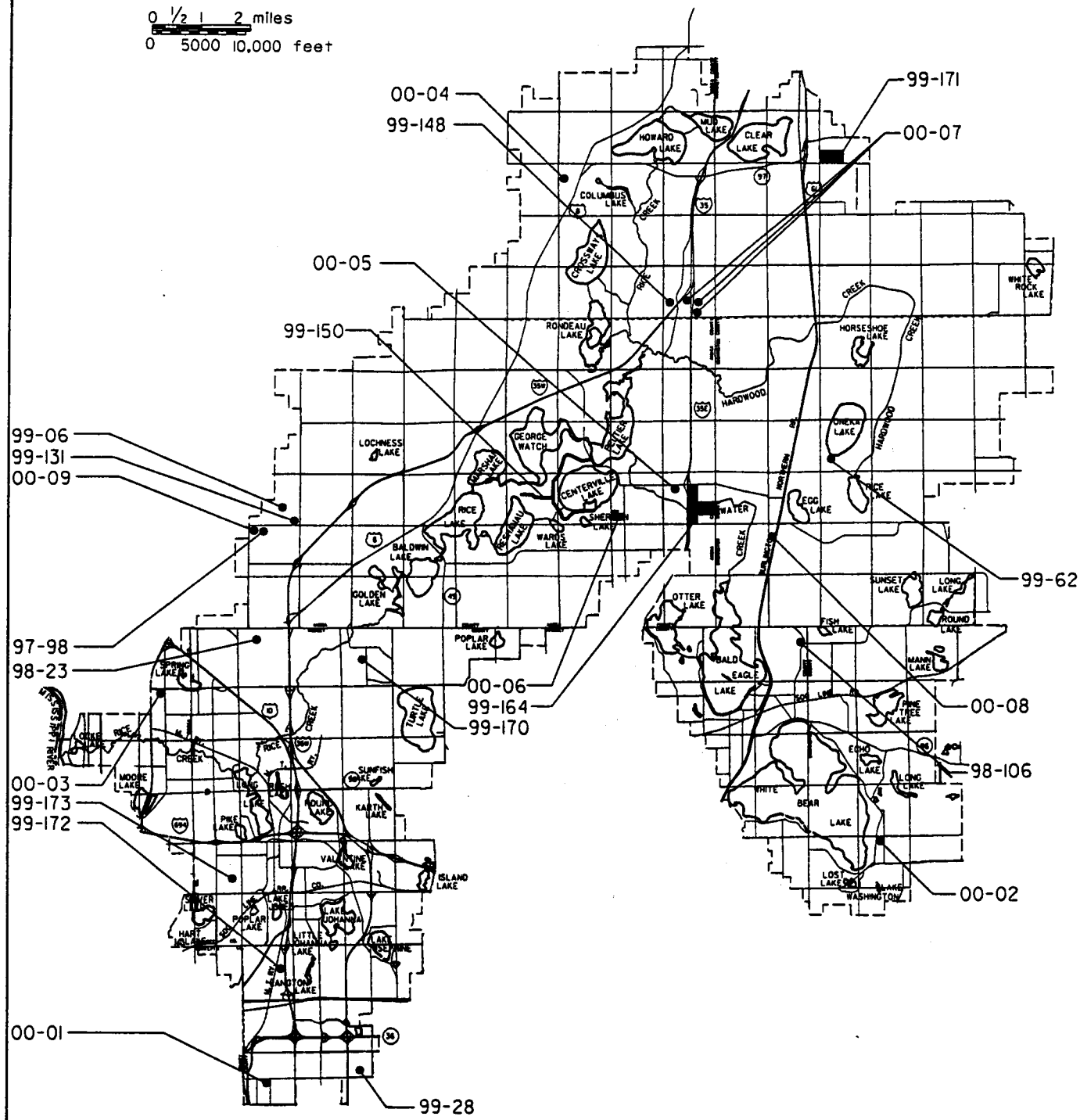
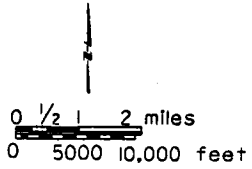
January 21, 2000:

- 97-08
- 98-23
- 98-106
- 99-06
- 99-131
- 99-148
- 99-172
- 99-173
- 00-01
- 00-02
- 00-04
- 00-05
- 00-06
- 00-07
- 00-08
- 00-09.

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JAN 28 2000
RICE CREEK
WATERSHED DISTRICT

CARRIED 4-0

RICE CREEK
WATERSHED DISTRICT
2000 PERMITS



RICE CREEK WATERSHED DISTRICT

TABLE OF CONTENTS

JANUARY 26, 2000

<u>Permit Application No.</u>	<u>Applicant</u>	<u>Page</u>	<u>Recommendation</u>
97-98	Dailey Companies	1	TAB
(X) 98-05 MSP	SUCCESSFUL BIDDER, CITY OF HUGO, (TO BE SELECTED)	65	TWAFAA
98-23	Bridges Leasing Company, LLC	5	TWAFAA
98-106	Kent W. Jefferson Construction, Inc.	7	TWAFAA
99-06	Oakwood Land Development Company	10	TWAFAA
(X) 99-28 MSP	Bradley Operating Ltd. Partnership	13	TWAFAA
(X) 99-62*	K-G Development, Inc.	16	TWAFAA
99-131	Commercial Asphalt Company	19	TWAFAA
99-148	Eller Media Company	21	APP
(X) 99-150*	Successful Bidder, Anoka County Parks (W. B. Miller, Inc.)	23	TWAFAA
(X) 99-164*	Pratt, Arnt, Oakwood LLC	29	TAB
(X) 99-170	The Astra Projects, Inc.	35	TWAFAA
(X) 99-171*	RDI, Inc.	37	TAB
99-172	Calrson-LaVine, Inc.	40	TAB
99-173	Successful Bidder, City of New Brighton (To be Selected)	43	TAB TWAFAA
00-01	Successful Bidder, City of Lauderdale (To be Selected)	45	TAB
00-02	St. Jude of the Lake Church	47	TWAFAA
(X) 00-03	Gonyea Company, Inc.	49	TWAFAA
00-04	Mark Pogreba	51	TWAFAA
00-05	Craig Kozar	53	TWAFAA
00-06*	Richard Carlson and Associates, Inc.	55	TAB
00-07	DeLite Outdoor Advertising, Inc.	59	TAB
00-08	Como Lube and Supplies, Inc.	61	TWAFAA
00-09	Robert Berganini	63	TWAFAA

* To be presented

(X) PRESENTED

LAST REVISED 1/26/00

" " 1/27/00

Recommendation: Table pending receipt of:

1. Revised Drainage Area Plan.
2. Revised Stormwater Management Plan addressing District rate control and water quality treatment requirements.
3. Pond outlet detail.
4. Incorporation of infiltration practices. Items to be submitted include District infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
5. Revised plan specifying lowest proposed first floor to be at least 906.9.
6. Revised Grading and Erosion Control Plan specifying silt fence between south wetlands and graded areas and specification of MnDOT Seed Mix #25 for replacement wetland areas.
7. Revised preliminary plat with satisfactory form and description granting ponding and flowage easements over pond, wetlands, mitigation areas, and all other hydrologic features.
8. Narrative addressing sustainability of wetland mitigation areas.
9. Completion of WCA 30-day comment period.
10. Proof of title and signed/notarized WCA deed forms for replacement wetlands and upland buffer areas.
11. Copy of MPCA NPDES and USCOE permit applications.
12. Additional 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.

1/21/00
CKA

Permit Application No. 97-98: Dailey Companies

2. The Declaration of Restrictions and Covenants for Replacement Wetland shall be properly filed and recorded prior to any wetland fill activity, with proof of recording furnished to the District.
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. District Inspector to be contacted for preconstruction meeting prior to grading.

Location: Southwest corner of 101st Avenue N.E. and Flanders Court N.E., Blaine.

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

Purpose: Amendment of a Land Development Plan and Wetland Alteration Plan for the Deer Ridge Second and Third Additions commercial development, 18.2± acres.

- Exhibits:**
1. Permit Application, dated July 18, 1997, received July 18, 1997.
 2. Preliminary Grading Plan (Second Addition) prepared by Passe Engineering, Inc., last revised October 8, 1997, received October 9, 1997.
 3. Preliminary plat and Utility Plan (Second Addition) prepared by Passe Engineering, Inc., last revised September 19, 1997, received October 9, 1997.
 4. Preliminary Grading Plan (Third Addition) prepared by Passe Engineering, Inc., last revised October 8, 1997, received October 9, 1997.
 5. Preliminary plat and Utility Plan (Third Addition) prepared by Passe Engineering, Inc., last revised October 8, 1997, received October 9, 1997.

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Permit Application No. 97-98: Dailey Companies

6. Runoff calculations prepared by Passe Engineering, Inc., dated April 10, 1997 and 18, 1997, received January 13, 2000.
7. Drainage Area Plan prepared by Passe Engineering, Inc., undated, received August 28, 1997.
8. Wetland delineation report prepared by Arlig Environmental, Inc., dated September 22, 1997, received September 26, 1997.
9. Wetland Replacement Plan prepared by Passe Engineering, dated January 5, 2000, received January 13, 2000.
10. Wetland Impact/Mitigation Plan (Third Addition) prepared by Passe Engineering, dated December 28, 1999, received January 13, 2000.
11. RCWD Permit Files 97-100, 93-190, and Permit Review File 93R20.
12. Cash surety in the amount of \$3,000, received September 23, 1997.

Findings:

1. Project involves the construction of the Deer Ridge Industrial Park Second and Third Additions on a currently undeveloped site. Approximately 800 feet of 100th Court N.E. will be constructed to serve the development. RCWD-approved Permit 93-190 and Project Review File 93R20 were approved for the first phase of the Deer Ridge Industrial Park located immediately east of current site. Permit 97-100 was reviewed for the Rebuild Academy 1,500± feet to the north.

Proposed amendment is for a revised Third Addition Layout Plan which impacts on-site wetlands.

2. Two new stormwater ponds are proposed for the additions. It is unclear if these ponds provide rate control and water quality treatment in accordance with District standards.
3. The site has several pocket wetlands identified under Permit 93-190. Originally approved plan did not impact any of these wetlands. Permit was recently administratively amended for 235 sq ft of wetland impact via roadway fill. This fill qualified for the WCA deminimus exemption.

Proposed amendment includes an additional 40,416 sq ft (0.93 acres) of Type I wetland impact via fill.

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CKA

Permit Application No. 97-98: Dailey Companies

Proposed Replacement Plan includes 41,712 sq ft (0.96 acres) of created wetland, 71,121 sq ft (1.63 acres) of public value credit, and 59,248 sq ft (1.36 acres) of upland buffer, thereby appearing to comply with WCA requirements.

4. An Erosion Control Plan has been submitted specifying silt fence between graded areas and wetlands and riprap at the storm sewer outfalls. Additional silt fence is required between grading and south two wetlands.
5. Branch 5, Lateral 2 of Anoka County Ditch 53-62 passes through the western edge of the property. Proposed mitigation area is within and adjacent to this ditch.
6. The flood elevation for Branch 5, Lateral 2 of Anoka county Ditch 53-62 at 101st Avenue is 902.4 (1975 Blaine CSMP). The minimum proposed first floor elevation is to be specified as 906.9 (1 foot above proposed pond overflow) in order to satisfy the District's freeboard requirements.
7. No fill will be placed within the floodplain.
8. Revised preliminary plat with satisfactory form and description granting ponding and flowage easements over all pond, wetlands, mitigation areas, and other hydrologic features is required.
9. This Permit Application was tabled on August 27, 1997 for issues related to stormwater management, erosion control, easements, and first floor elevations. The permit was issued on October 27, 1997 and administratively amended on December 1, 1999 for wetland deminimus fill (235 sq ft) within the Second Addition.

Board Action:

1/21/00
CKA

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

1. Preliminary plat or legal document granting ponding and flowage easements over all on-site wetlands, ponds, floodplain, and other hydrologic features.
2. Repair of existing baffled weir (with detail).

Location: 8400 Coral Sea Street, Mounds View.

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

Purpose: Approval of a Final Site Drainage Plan for an office warehouse building addition, 2.7± acres.

- Exhibits:**
1. Permit Application, dated March 12, 1998, received March 12, 1998.
 2. Grading and Erosion Control Plan prepared by Roger A. Anderson and Associates, Inc., last revised April 7, 1998, received April 8, 1998.
 3. Utility and Paving Plan prepared by Roger A. Anderson and Associates, Inc., dated March 4, 1998, received March 12, 1998.
 4. Easement document prepared by Kennedy & Graven, Chartered, undated, received January 7, 2000.
 5. RCWD Permit Files 97-19, 95-89, and CSMP 87C02.
 6. Cash surety in the amount of \$1,000, received April 10, 1998 from Bridges Leasing Company.

- Findings:**
1. Project involves construction of an office warehouse building addition on a currently undeveloped lot. This site is located within Lot 2 of the North Star Industrial Park 2nd Addition, which was planned for under RCWD-approved CSMP 87C02. Phase I of this building was constructed on Lot 3 under RCWD Permit 95-89. Runoff from approximately 75% of the site will be routed through storm sewer to an existing stormwater detention pond created under Permit 95-89. This pond provides rate control and water quality treatment in accordance with District standards. Ponding system

1/21/00
CKA

Permit Application No. 98-23: Bridges Leasing Company, LLC

- outlets to Anoka-Ramsey Judicial Ditch 1. Runoff from the remainder of the site discharges to the Coral Sea Street storm sewer and is routed to the North Star Industrial Park regional pond.
2. An Erosion Control Plan has been submitted specifying silt fence downstream of all graded areas, riprap at storm sewer outfalls, an implementation schedule, and revegetation specifications.
 3. NWI maps indicate the presence of a Type III/VI (PEM/SS1Cd) wetland on site. This wetland was delineated under Permit 95-89 and will not be impacted as a result of this project.
 4. Permit 95-89 specifies a flood elevation of 902.0 for the on-site detention pond and floodplain. The proposed first floor elevation of the building addition is 908.5, satisfying the District's 2-foot freeboard requirements.
 5. A preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, floodplain, and other hydrologic features will be required.
 6. Permit 97-19 was for construction of an office and warehouse facility on Lot 1 of the North Star Industrial Park 2nd Addition.
 7. This permit was TWAFAA'd on March 25, 1998 for three issues regarding easements, outlet structures, and surety. TWAFAA has since expired.

Board Action:

1/21/00
CKA

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

1. Proposed pond 100-year and emergency overflow elevations, and outlet control structure detail.
2. Existing home (Lot 29, Block 2) first floor elevation.
3. ~~Revised preliminary plat with satisfactory form and description granting ponding and flowage easements over proposed pond.~~

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

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

T-R-S: 30-21-1 aa

Purpose: Amendment of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Mallard Pond, 85 lots, 32± acres.

- Exhibits:
1. Permit Application, dated August 10, 1998, received August 13, 1998.
 2. Preliminary plat prepared by Passe Engineering, Inc., dated August 7, 1998, received September 10, 1998.

Ⓢ FINAL PLAT PREP. BY PASSE ENG., INC., UNDATED, REC'D 1/18/00.

1/21/00

CKA

Permit Application No. 98-106: Kent W. Jefferson Construction, Inc.

3. Preliminary Grading and Drainage Plan prepared by Passe Engineering, Inc., last revised December 17, 1999, received January 12, 2000.
4. Pond/wetland basin flood elevation calculations prepared by Passe Engineering, Inc., dated August 25, 1998, received September 10, 1998.
5. Sequencing discussion and Wetland Replacement Plan prepared by Passe Engineering, Inc., last revised September 8, 1998, received September 10, 1998.
6. MPCA NPDES permit application.
7. RCWD Permit File 93-211.
8. Cash surety in the amount of \$7,000, received on November 25, 1999 from Jefferson Homes.

Findings:

1. Approved project involves construction of an 85-lot single family residential development to be known as Mallard Pond. The site is within RCWD CSMP 93-211 for the Northeast Area Master Plan prepared by White Bear Township.

Proposed amendment includes:

- Addition of water quality pond north of Mallard Ponds Boulevard to provide treatment of a 500-foot section of roadway.
 - Addition of a rear yard catchbasin.
2. Under the CSMP, existing wetlands are utilized for rate control; live storage ponding is not required. Proposed water quality ponds are sized consistent with the District's standards and provide adequate storage for water quality treatment.
 3. The approved plan proposes to fill 11,850± square feet of four on-site wetlands. Mitigation Plans include wetland creation adjacent to an existing on-site wetland totaling 11,936 square feet of new wetland. The remaining wetland replacement will be in the form of public value credits.

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CKA

Permit Application No. 98-106: Kent W. Jefferson Construction, Inc.

4. A revised Erosion Control Plan has been submitted specifying silt fence around proposed ponds and wetlands, riprap at storm sewer outfalls, revegetation specifications, an implementation schedule, and a gravel construction entrance.
5. On-site wetland flood elevations were identified by the Northeast Area Master Plan (RCWD Permit 93-211). These elevations were verified as development plan layouts have been changed from CSMP 93-211.

Proposed lowest first floor elevations of homes are at least 2 feet above the corresponding adjacent pond or wetland 100-year elevations throughout the site, thereby meeting the District's 2-foot freeboard requirement.

Existing house (Lot 29, Block 2) first floor and proposed pond 100-year and emergency overflow elevations are required to verify compliance with District freeboard requirements.

6. A preliminary plat providing ponding and flowage easements over wetlands, ponds, floodplain, and other hydrologic features has been provided.
7. This Permit Application was tabled on August 26, 1998 for issues relating to wetlands, stormwater management, easements, and erosion control. This application was TWAFAA'd on September 23, 1998 for issues regarding wetlands, erosion control, and off-site grading. This permit was issued on December 3, 1998.

Board Action:

1/21/00
CKA

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

1. Additional groundwater elevation observation data sufficient to establish an average annual maximum groundwater elevation in proposed ponding areas to support pond storage calculations, or acceptance of 903.0 as NWL for ponding areas.
2. Revised 100-year existing and proposed hydrologic routing calculations (demonstrating rate control while addressing item #1).
3. Field verification by District Inspector of wetland delineation.
4. Revised preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features.
5. Cash surety in the amount of \$5,000.

Location: One-half mile north of 101st Avenue east of Flanders Street N.E., Blaine.

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

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for subdivision of existing 20-acre parcel into 9 commercial lots to be known as Flanders Pond Industrial Park.

- Exhibits:**
1. Permit Application, dated January 14, 1999, received January 13, 1999.
 2. Preliminary plat prepared by Passe Engineering, last revised January 25, 1999, received January 25, 1999.
 3. Preliminary Grading, Drainage, and Erosion Control Plan prepared by Passe Engineering, Inc., last revised April 20, 1999, received July 2, 1999.
 4. Wetland delineation report prepared by Arlig Environmental, Inc., dated January 14, 1999, received January 15, 1999.

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CKA

Permit Application No. 99-06: Oakwood Land Development Company

5. Hydrologic calculations prepared by Passe Engineering, dated December 28, 1998, received January 25, 1999.
6. Infiltration checklist and worksheet prepared by Passe Engineering, Inc., undated, received January 13, 1999.
7. Copy of MPCA NPDES Permit Application dated and received January 25, 1999.
8. Groundwater test pit elevation survey dated March 17, 1999, received July 16, 1999.
9. Groundwater elevation narrative prepared by Arlig Environmental, Inc., dated September 9, 1999, received September 21, 1999.
10. RCWD CSMP File 85C01 and Permit Files 99-105, 99-58, 98-164, 98-157, 98-141, 98-73, and 97-81.
11. Cash surety in the amount of \$3,000, received February 19, 1999 from Oakwood Land Development Co.

Findings:

1. Project proposes to subdivide existing 20-acre parcel into nine commercial lots to be served by 1,700± linear feet of roadway.
2. Proposed project is not within CSMP 85C01 (Zimmerman Industrial Park) located to the south. Therefore, on-site ponding is required satisfying District rate control and water quality treatment requirements.

Current plans propose excavation of two ponds with volume in excess of difference between 100-year proposed and existing runoff volumes. Inadequate groundwater information has been submitted to demonstrate that ponds will have sufficient storage availability.

Flanders Industrial Park South (RCWD Permit 99-105) was issued for 12 industrial lots adjacent to this site to the south.

3. The wetland delineation report identifies five wetland basins on site. Proposed impact includes filling of 4,995 sq ft of Type VII wetland, which is less than the 5,000 sq ft de minimus for Type VII wetland in Anoka County.

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CKA

Permit Application No. 99-06: Oakwood Land Development Company

4. Lowest proposed first floor elevation is 908.5, 5.5 feet above Flanders Street overflow elevation thereby complying with District's freeboard requirements.
5. Infiltration may not be an issue if plan demonstrates no 100-year off-site discharge.
6. An Erosion Control Plan has been submitted specifying silt fence around wetland boundaries, a gravel construction entrance, riprap at storm sewer outfalls, revegetation specifications, and implementation schedule.
7. A preliminary plat has been submitted with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features. A revised plat may be required if additional infiltration practices are required.
8. RCWD Permit Applications 98-164, 98-157, 98-141, 98-73, and 97-81 were issued for various commercial developments to the south and east of the site. RCWD Permit 99-58 (Flander's Street Reconstruction) was TWAFAA'd on June 23, 1999 for seven issues regarding wetland alteration and erosion control.
9. This permit was tabled on January 27, 1999 for 12 issues regarding stormwater management, wetland impact, and easements, and again tabled on July 28, 1999 for stormwater management issues.

Board Action:

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CKA

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

*MSP
TWAFAA
APC/AB 4-0*

1. Revised Grading Plan with incorporation of pond detail/cross-section B-B (infiltration trench with granular fill).
2. Legal document with satisfactory form granting ponding and flowage easements over all on-site ponds and other hydrologic features.
- ~~3. Copy of MPCA NPDES permit application.~~

Location: North of Ryan Avenue W. 500 feet east of Snelling Avenue, Roseville.

T-R-S: 29-23-15 bc

Purpose: Approval of a Final Site Drainage Plan for construction of Cub Foods at Har Mar Mall.

- Exhibits:
1. Permit Application, dated March 10, 1999, received May 13, 1999.
 2. Existing Conditions Plan prepared by Westwood Professional Services, Inc., dated January 11, 2000, received January 12, 2000.
 3. Site Plan prepared by Westwood Professional Services, Inc., last revised December 22, 1999, received January 12, 2000.
 4. Grading Plan prepared by Westwood Professional Services, Inc., last revised January 10, 2000, received January 12, 2000.
 5. Infiltration checklist and worksheet prepared by Westwood Professional Services, Inc., undated, received January 12, 2000.
 6. Utility Plan prepared by Westwood Professional Services, Inc., last revised January 10, 2000, received January 12, 2000.
 7. Preliminary stormwater runoff calculations prepared by Westwood Professional Services, Inc., last revised March 10, 1999, received March 10, 1999.

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Permit Application No. 99-28: Bradley Operating Ltd. Partnership

8. Supplementary hydrologic calculations prepared by Westwood Professional Services, Inc., dated January 10, 2000, received January 12, 2000.
9. Draft easement exhibits A, B, C, and D, prepared by Westwood Professional Services, received January 12, 2000.
10. Supplemental project narrative prepared by Westwood Professional Services, dated May 13, 1999, received May 13, 1999.
11. Pond detail section B-B prepared by Westwood Professional Services, undated, received May 24, 1999.
12. RCWD Permit Files 88-65 and 94-206.
13. Cash surety in the amount of \$3,000, received from Jerry's General Office on March 12, 1999.

Findings:

1. Proposed project involves renovation of the southeast end of Har Mar Mall. The proposed construction will result in a 1.75± acre building and an 8.5± acre parking area.
2. The entire existing site is essentially paved except for two ponds constructed under Permit 94-206 (Har Mar building expansion). Proposed plans eliminate existing ponds and create one larger pond in the southeast corner of the site which is designed to meet District rate and water quality treatment requirements.
3. Plans address incorporation of infiltration practices via three grassed swales with depressional storage and a granular infiltration trench surrounding the proposed pond.
4. The site drains via a 48-inch storm sewer directly to Zimmerman Lake, DNR Protected Wetland 53W. A revised Utility Plan specifying the pond outlet structure skimming device has been provided.
5. A revised Erosion Control Plan has been submitted specifying silt fence downstream of graded areas, revegetation specifications, an implementation schedule, and riprap at storm sewer outfalls.

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Permit Application No. 99-28: Bradley Operating Ltd. Partnership

6. Easement exhibits A, B, C, and D have been submitted with satisfactory description granting ponding and flowage easements over all on-site ponds and other hydrologic features. Coordination with District Attorney regarding form is required.
7. RCWD Permit 88-65 was reviewed for an after-the-fact Har Mar Mall building expansion.
8. The District has been informed by local residents that the city provided curb-cuts at the end of Shryrer Avenue to alleviate flooding problems by allowing water to flow into "Har-Mar" system. Proposed plans will maintain this drainage.
9. This permit was TWAFAA'd on February 24, 1999 for seven issues regarding infiltration, erosion control, easements, and surety. This permit was again TWAFAA'd on May 26, 1999 for receipt of easement document. Plans have since been revised and TWAFAA has expired.

Board Action:

1/21/00
CKA

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

1. Proof of title and signed/notarized WCA deed forms for replacement wetlands.
2. Cash surety in the amount of \$15,000.

- Stipulations:
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
 2. The Declaration of Restrictions and Covenants for Replacement Wetland shall be properly filed and recorded prior to any wetland fill activity, with proof of recording furnished to the District.
 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. District Inspector to be contacted for preconstruction meeting prior to grading.
 5. Cut/fill within wetland areas are to be restored to grade and reseeded with wetland seed mix.

*MSP
TWAFAA
AGA/Rmh
4-0*

Location: 0.25 miles north of Oneka Lake Boulevard west of Greene Avenue N., Hugo.

T-R-S: 31-21-17 dda and bdb

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a single family residential development to be known as Sweetgrass Meadows Phase II, 49 lots, 20± acres.

- Exhibits:
1. Permit Application, dated May 5, 1999, received May 6, 1999.
 2. Preliminary plat prepared by Glen Rehbein Companies, dated May 3, 1999, received April 30, 1999.

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CKA

Permit Application No. 99-62: K-G Development, Inc.

3. Development Plan prepared by Glen Rehbein Companies, dated December 16, 1999, received December 20, 1999.
4. Grading Plan prepared by Glen Rehbein Companies, last revised June 9, 1999, received June 9, 1999.
5. Wetland Replacement Plan prepared by Glen Rehbein Companies, last revised June 9, 1999, received June 9, 1999.
6. Hydrologic calculations prepared by Glen Rehbein Companies, undated, received May 3, 1999.
7. Wetland Banking/Replacement Plan prepared by Earthscience Associates, Inc., dated May 1999, received April 30, 1999.
8. Sweetgrass Meadows Phase I south wetland banking site regrading narrative prepared by Glen Rehbein Companies, dated May 7, 1999, received May 7, 1999.
9. Conservation easement document prepared by ____, undated, received June 9, 1999.
10. Off-site grading authorization letter from North Suburban Development, Inc., dated January 18, 2000, received January 19, 2000.
11. RCWD Permit Files 98-105, 98-99, 98-17, and 97-150.

Findings:

1. The proposed project involves construction of a single family residential development on a currently undeveloped property to be known as Sweetgrass Meadows Phase II. The site is located less than 500 feet southwest of Oneka Lake and directly north of Oneka Lakeview and Oneka Lakeview East developments (RCWD Permits 98-17 and 98-105, respectively). RCWD Permit 98-99 was approved for the first phase of Sweetgrass Meadows directly east of this site. RCWD tabled Permit 97-150 is for a new westerly outlet to Oneka Lake.
2. All site runoff will be routed to two new on-site detention ponds. These ponds provide for rate control and water quality treatment in accordance with District standards.
3. The wetland delineation report identifies two Type II wetlands on site.

1/21/00
CKA

Permit Application No. 99-62: K-G Development, Inc.

Proposed plan impacts 2.45 acres of wetland via fill. Proposed impact less the 2,000 sq ft de minimus Type II wetland in Washington County results in 4.83 acres of required WCA wetland mitigation.

Proposed replacement plan includes 0.40 acres of Public Value Credit by restoring a Type II wetland via on-site excavation and 4.43 acres of banked wetland credit resulting from the Wetland Replacement Plan for Phase I of Sweetgrass Meadows. Phase I impacted 0.54 acres of Type II wetland. Mitigation included 4.28 acres of NWC and 8.86 acres of banked NWC.

4. Flood elevation for Oneka Lake with the proposed westerly outlet is 931.9 (1998 Hugo Study, RCWD Permit 97-150) and 932.1 under existing conditions (historical high water level - 1985). The minimum proposed first floor elevation is 934.0, satisfying the District's 2-foot freeboard requirement.

Floodplain fill below elevations 931.9 and 932.1 are 2,234 cu ft and 16,363 cu ft, respectively. Compensatory storage is provided via ponds 4 and 5 excavated volume above normal water elevations.

5. An Erosion Control Plan has been submitted specifying silt fence downstream of all graded areas, revegetation specifications, riprap at storm sewer outfalls, and an implementation schedule.
6. Proposed plan addresses incorporation of infiltration practices via rear yard overland flow.
7. A preliminary plat has been submitted with satisfactory form and description granting ponding and flowage easements over all on-site ponds, wetlands, floodplain, and other hydrologic features.
8. This permit was TWAFAA'd on May 26, 1999 and again on June 23, 1999 for issues regarding stormwater management and wetland impact. The last TWAFAA has since expired.

Board Action:

1/21/00
CKA

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

1. Additional cash surety in the amount of \$2,500.

Stipulation: 1. Erosion control measures implemented under RCWD Permit 98-164 are to be maintained until final stabilization of areas covered by this permit has been completed.

Location: Northwest corner of 101st Avenue NE and Naples Street NE, Blaine.

T-R-S: 31-23-22ddd.

Purpose: Amendment of a final site drainage plan for Lots 1 and 2, Block 1 of Northern Asphalt (0.8± acres of building, 6.8± acres of bituminous surface, and 7.2± acres of gravel surface) on a 35± acre site.

- Exhibits:**
1. Permit Application dated September 9, 1999, received September 9, 1999.
 2. Final Plans (6 sheets) for Lot 1 prepared by James R. Hill, Inc., dated September 8, 1999, received September 9, 1999.
 3. Grading, Drainage, and Erosion Control Plan for Lot 2 prepared by Plowe Engineering, last revised December 16, 1999, received December 16, 1999.
 4. Final pond area drainage map prepared by James R. Hill, Inc., dated September 8, 1999, received September 9, 1999.
 5. Hydrologic calculations prepared by James R. Hill, Inc., dated September 8, 1999, received September 9, 1999.
 6. RCWD Permit Files 99-128 and 98-164.

Findings: 1. Proposed project entails construction of a hot-mixed asphalt production and recycling facility which includes 0.8± acres of building, 6.8± acres of bituminous surface, and 7.2± acres of gravel surface on a 35-acre site.

Approved site is Lot 1 of Block 1 of a previously approved Northern Asphalt site (RCWD Permit 98-164).

1/21/00
CKA

Permit Application No. 99-131: Commercial Asphalt Company

Proposed Amendment is to include development of Lot 2, Block 1 of the previously approved Northern Asphalt site.

2. Final construction plans bid adhere to previously approved stormwater management plan, which provides water quality treatment via six detention ponds. These ponds, in conjunction with on-site wetlands, are utilized to meet district rate control requirements.
3. There is no additional wetland impact proposed by this project.
4. The conservative floodplain elevation on-site is 902.0 (County Ditch 53-62 main branch under Lexington Avenue – 1998 calibration study). The lowest proposed first floor elevation is 904.3, 2.0 feet above adjacent NURP pond 100-year elevation, thereby satisfying the District's 2-foot freeboard requirement.
5. Adequate infiltration practices have been maintained. The final construction plans for Lot 2 address infiltration via routing of stormwater runoff as overland flow to detention ponds.
6. A revised Preliminary Plat (submitted with Permit Application 98-164) has been received with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features.
7. RCWD Permit Application 99-128 was issued for sanitary sewer and watermain construction along Naples Street N.E. east of this site.
8. This permit was issued on September 27, 1999.

Board Action:

1/21/00
CKA

Recommendation: Approval.

Stipulation: 1. District Inspector is to be contacted prior to land-disturbing activity to finalize erosion control measures.

Location: Judicial Ditch 4 immediately west of 20th Avenue, N. (Freeway Drive N.E.) and a private lateral of Judicial Ditch 4 immediately north of I-35W, Columbus Township.

T-R-S: 32-22-36 cac and bda

Purpose: Approval of a ~~Drainage and~~ Culvert Plan for crossings on Judicial Ditch 4 west of 20th Avenue N. and a private lateral immediately north of I-35W, respectively.

- Exhibits:
1. Permit Application, dated October 11, 1999, received October 14, 1999.
 2. JD 4 survey west of CSAH 21 prepared by Egan Field & Nowak, Inc. Surveyors, last revised December 28, 1999, received January 1, 2000.
 3. Ditch survey north of I-35W (SW1/4 of Section 36) prepared by Egan Field & Nowak, Inc., Surveyors, last revised December 28, 1999, received January 1, 2000.
 4. Ditch crossing details prepared by Roger Anderson & Associates, Inc., dated January 5, 2000, received January 1, 2000.
 5. Cash surety in the amount of \$4,000, received from Eller Media Company on November 12, 1999.

- Findings:
1. Proposed project entails:
 - Placement of three 48-inch corrugated metal culverts in Judicial Ditch 4 (Main Ditch) at approximately STA. 45+00 immediately west of 20th Avenue N.
 - 42-inch culvert placement in a private ditch tributary to Judicial Ditch 4 immediately downstream of I-35W.

1/21/00
CKA

Permit Application No. 99-148: Eller Media Company

2. The 100-year elevation of Judicial Ditch 4 upstream of proposed crossing site is 892.0 (Judicial Ditch 4 at I-35W: 1998 RCWD Calibration Study).
3. The proposed triple 48-inch CMPs have a significantly higher flow capacity and placement of the pipes will not result in a hydraulic impediment.
4. Upstream invert of proposed 42-inch corrugated metal culvert in private ditch will be set 1 foot below I-35W culvert downstream invert (885.6) and is larger than culvert immediately upstream (36-inch CMP under I-35W). Therefore, no upstream impoundment is anticipated by proposed culvert.
5. Project narrative states that a floating silt fence will be utilized during the bridge and culvert installation. District Inspector is to be contacted prior to land-disturbing activities to finalize erosion control measures.
6. This permit was TWAFAA'd on October 27, 1999 for six issues regarding flood level impacts. Scope of project has since changed and TWAFAA has expired.

Board Action:

1/21/00
CKA

Permit Application No. 99-150: Successful Bidder, Anoka County Parks TWAFAA
(W. B. Miller, Inc.)

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

1. Completion of WCA 30-day 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 Declaration of Restrictions and Covenants for Replacement Wetland shall be properly filed and recorded prior to any wetland fill activity, with proof of recording furnished to the District.
 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. District Inspector to be contacted for preconstruction meeting prior to grading.

*MSP
TWAFAA
APC/DTB 4-20*

Location: Rice Creek Chain of Lakes Regional Park Reserve north, west, and south of Centerville Lake, north and west of Reshanau Lake, and south of Marshan Lake, Centerville/Lino Lakes.

T-R-S: 31-22-15 c and d
31-22-21 ab, b, and d
31-22-22 bc and d
31-22-20 a and c

Purpose: Amendment of a Final Site Drainage Plan, a Wetland Alteration Plan, and a Shoreline Alteration Plan for improvements to the Rice Creek Chain of Lakes Regional Park Reserve.

1/21/00
CKA

Permit Application No. 99-150: Successful Bidder, Anoka County Parks
(W. B. Miller, Inc.)

- Exhibits:
1. Permit Application, dated October 8, 1999, received October 14, 1999.
 2. Cover Sheet/Site Orientation/Aerial Photo Plan (Phase I) prepared by Brauer and Associates Ltd., dated October 12, 1999, received October 14, 1999.
 3. Overall Layout, Wetland Fill, Wetland Mitigation, Upland Buffer Creation, and Erosion Control Plan (Phase I) prepared by Brauer and Associates Ltd., last revised January 4, 2000, received January 13, 2000.
 4. Enlargement Development Zones 3 and 4 Plan (Phase I) prepared by Brauer and Associates Ltd., dated October 12, 1999, received October 14, 1999.
 5. Existing Conditions Plan (Phase I) prepared by Brauer and Associates Ltd., dated October 12, 1999, received October 14, 1999.
 6. Development Zone 2 Grading, Storm Sewer, and Erosion Control Plan (Phase I) prepared by Brauer and Associates Ltd., dated October 12, 1999, received October 14, 1999.
 7. Development Zone 1 Grading, Stormwater, and Erosion Control Plan (Phase I) prepared by Brauer and Associates Ltd., last revised November 3, 1999, received November 5, 1999.
 8. Stormwater management calculations for Development Zones 1 and 2 prepared by Applied Ecological Services, Inc., dated September 7, 1999, received October 14, 1999.
 9. Phase I wetland delineation report prepared by Anoka Conservation District, dated October 6, 1999, received October 14, 1999.
 10. Wetland Replacement Plan (Phase I) Application prepared by Anoka County Parks and Recreation Department, dated October 8, 1999, received October 14, 1999.
 11. Edited Wetland Replacement Plan (Phase I) Application, dated October 8, 1999, received October 14, 1999.

1/21/00
CKA

Permit Application No. 99-150: Successful Bidder, Anoka County Parks
(W. B. Miller, Inc.)

12. Development Zones 1 and 2 (Phase I) earthwork cut/fill quantity calculation sheets prepared by Brauer and Associates Ltd., undated, received October 14, 1999.
13. Wetland Monitoring Plan (Phase I) for replacement wetlands, dated October 1, 1999, received October 14, 1999.
14. Declaration of Restrictions and Covenants for Replacement Wetlands (Phase I), dated October 8, 1999, received October 14, 1999.
15. Letter of Understanding (in lieu of \$40,000 surety) prepared by Anoka County Parks, dated November 1, 1999, received November 3, 1999.
16. Cover Sheet/Site Orientation, Trail Development, and Wetland Plan (Phase II) prepared by Brauer & Associates, Ltd., dated January 10, 2000, received January 13, 2000.
17. Trail Development Enlargement Plans (Phase II) prepared by Brauer & Associates, Ltd., dated January 10, 2000, received January 13, 2000.
18. Trail cross sections/details (Phase II) prepared by Brauer & Associates, dated January 10, 2000, received January 13, 2000.

Findings:

1. Approved project entails large-scale improvements to the Rice Creek Chain of Lakes Regional Park Reserve north, west, and south of Centerville Lake. These improvements include:
 - Upgrade of Parkway Road East from Main Street to proposed beach development area. The existing gravel road is to be converted to a 22-foot wide asphalt roadway.
 - Development of a beach area with associated parking and drive in the northwest corner of Centerville Lake.
 - Upgrade of Parkway Road East from proposed beach development area south to F Street. The existing gravel road is to be converted to a 22-foot wide asphalt roadway with one side curbed and an 8-foot wide bituminous trail.

1/21/00
CKA

Permit Application No. 99-150: Successful Bidder, Anoka County Parks
(W. B. Miller, Inc.)

- Upgrade of F Street west of Parkway Road East. Existing gravel road is to be converted to a 10-foot wide asphalt trail.
- Development of a boat launch area east of F Street. Proposed development includes a two-stall boat ramp and associated vehicle and trailer parking.
- Upgrade of Parkway Road East south of F Street. Existing gravel roadway is to be converted to a 10-foot wide asphalt trail.
- Existing boat launch area at southwest corner of Centerville Lake is to be converted to wetland for mitigation purposes.
- An area south of Parkway Road East directly across from existing boat launch is to be restored to upland oak savanna.
- A large area at the end of Parkway Road East is to be restored to wetland upland buffer.

Proposed amendment includes:

- 5,050± linear feet of 10-foot wide asphalt trail.
- 550± linear feet of 15-foot wide aggregate access drive.
- 700± linear feet of floating boardwalk.

2. District rate control and water quality treatment issues are:

- Not an issue along all roadway and trail sections throughout the park since the improvements minimize road/trail widths and maintain rural roadway cross sections.
- Addressed for beach development area parking lot via four infiltration basins and a detention basin in series. A narrative addressing potential to shift all curb cuts northward to better utilize infiltration basins is required.
- Addressed for the boat launch development area via a detention pond.

1/21/00
CKA

Permit Application No. 99-150: Successful Bidder, Anoka County Parks
(W. B. Miller, Inc.)

3. The wetland delineation report identifies numerous wetlands throughout the site. Previously approved wetland impact is limited to the boat launch development area (45,017 sq ft of Type III/VII wetland).

Proposed amendment includes an additional 3,200 sq ft of Type I wetland fill for trail development.

Approved Wetland Replacement Plan includes new wetland creation adjacent to the boat launch detention pond, at the existing boat launch along F Street, and south of F Street along Parkway Road East, for a total of 149,719 sq ft. In addition, upland buffer credit creation throughout the project totals 98,904 sq ft. Between the new wetland creation and upland buffer credit, the approved Replacement Plan still complies with WCA regulations.

The following table summarizes the project's wetland credit status.

Description	Acreage
Total wetland replacement credits (original Permit Application 99-150)	+5.70
Less wetland fill/credits used for Phase I development at 2:1 ratio (original Permit Application 99-150)	-2.04
Wetland credits available for use under Phase II trail development (original Permit Application 99-150)	=3.66
Less wetland fill/credits used for Phase II development at 2:1 ratio	-0.15
Total wetland credits available for on-site or off-site mitigation	=3.51

4. The 100-year elevation of Centerville Lake is 887.0 (1998 Calibration Study). There is no proposed floodplain impact throughout the site. Trail areas below floodplain will be subcut and constructed at existing grades.

1/21/00
CKA

Permit Application No. 99-150: Successful Bidder, Anoka County Parks
(W. B. Miller, Inc.)

5. An Erosion Control Plan has been submitted specifying silt fence downstream of all graded areas and along wetland boundaries, revegetation specifications, and an implementation schedule.
6. This permit was issued for Phase I on November 19, 1999 and administratively amended on January 6, 2000 to include 700± linear feet of floating boardwalk (no wetland loss).

Board Action:

1/21/00
CKA

Recommendation: Table pending receipt of:

1. Revised Wetland Replacement Plan addressing "fine tuning" of Grading Plan for replacement and excavated wetlands (based on further discussion with District staff) to assure hydrologic sustainability and natural appearance.
2. Existing and proposed subwatershed boundary maps for Phase I development.
3. Pond sizing calculations for the 2.5-inch rainfall runoff volume.
4. Quantification of dead and live storage provided in proposed Outlot D regional pond.
5. Quantification of floodplain fill and compensatory storage provisions.
6. Further review of floodplain impacts in light of the RCWD's on-going Clearwater Creek HEC-2 hydrologic study.
7. Existing and proposed cross sections at proposed JD3, Branch 4 crossing.
8. Culvert sizing calculations for proposed JD3, Branch 4 crossing.
9. Upstream flood impact analysis for proposed JD3, Branch 4 crossing.
10. Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map. Note that effective pervious area must be capable of retaining and infiltrating required infiltration volume within 72 hours.
11. Revised first floor elevations complying with District 2-foot freeboard requirement over 100-year flood elevation and 1-foot freeboard requirement over emergency overflow elevations.

MSP
Table
AGC/DB4 →

1/21/00

CKA

Permit Application No. 99-164: Pratt, Arnt, Oakwood LLC

12. Preliminary plat and legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, floodplain, and all other hydrologic features. Note that restrictive covenants relative to vegetation management will be required over wetlands and creek corridor.
13. Proof of title and signed notarized WCA Deed Forms for Replacement Wetlands.
14. Cash surety in the amount of \$70,000.

- Stipulations:
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
 2. The Declaration of Restrictions and Covenants for Replacement Wetland shall be properly filed and recorded prior to any wetland fill activity, with proof of recording furnished to the District.
 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. District Inspector to be contacted for preconstruction meeting prior to grading.

Location: North of Cedar Street and east of Elmcrest Avenue N., Hugo.

T-R-S: 31-21-19 bb, bc, ca, cb, and cc

Purpose: Approval of a Wetland Alteration Plan for a single family, multifamily, and commercial development to be known as Wenzel Farm and for a Land Development Plan for Phase I of Wenzel Farm (58 lots on 40± acres), 220± acres.

1/21/00
CKA

Permit Application No. 99-164: Pratt, Arnt, Oakwood LLC

- Exhibits:
1. Permit Application, dated November 8, 1999, received November 15, 1999.
 2. Wetland Alteration/Mitigation Plan – Overall Plan prepared by Passe Engineering, Inc., last revised January 10, 2000, received January 13, 2000.
 3. Typical Mitigation and Wetland Enhancement Cross-Section Plan prepared by Passe Engineering, Inc., undated, received November 12, 1999.
 4. Wetland Alteration Plan – Total Avoidance Alternative prepared by Passe Engineering, Inc., dated November 11, 1999, received November 12, 1999.
 5. Aerial photo of subject property prepared by Mark Hurd (date of photography: April 16, 1996), received November 12, 1999.
 6. Sequencing discussion and Wetland Replacement Plan Application prepared by Passe Engineering, Inc., last revised January 10, 2000, received January 13, 2000.
 7. Wetland delineation report prepared by Arlig Environmental Inc., dated August 27, 1999, received November 12, 1999.
 8. Drainage calculations prepared by Passe Engineering, Inc., last revised January 13, 2000, received January 13, 2000.
 9. Infiltration checklist and worksheet prepared by Passe Engineering, Inc., undated, received November 12, 1999.
 10. Overall preliminary plat prepared by Passe Engineering, Inc., last revised January 13, 2000, received January 13, 2000.
 11. Preliminary plat (Phase I) prepared by Passe Engineering, Inc., last revised July 21, 1999, received November 12, 1999.
 12. Preliminary Utility Plan (Phase I) prepared by Passe Engineering, Inc., last revised July 21, 1999, received November 12, 1999.
 13. Final Grading Plan (Phase I) prepared by Passe Engineering, Inc., last revised January 13, 2000, received January 13, 2000.

1/21/00
CKA

Permit Application No. 99-164: Pratt, Arnt, Oakwood LLC

14. MPCA NPDES Permit Application, undated, received November 12, 1999.

- Findings:
1. Proposed project entails development of a 220± acre parcel which contains Clearwater Creek (JD3), Branch 4 of JD3, and two private laterals.

The Conceptual Development Plan specifies single family and multifamily residential development over the southern half of the site and commercial development over the northern half of the site.

At this time, the Applicant is requesting approval of a Wetland Alteration and Replacement Plan for the entire 220± acre parcel. In addition, the Applicant is requesting approval of a Land Development Plan for Phase I. Phase I entails a 58-lot residential development on 43± acres.

2. Proposed Stormwater Management Plan for Phase I includes six sedimentation ponds throughout the site and excavation of a large "regional pond" and wetland replacement basin north of Clearwater Creek in Outlot D.

It appears that the proposed Stormwater Management Plan for Phase I does not comply with District standards for rate control and water quality treatment. Proposed sediment ponds discharge directly to wetlands and therefore are to comply with District water quality treatment requirements.

The plan attempts to address rate control by excavating the difference between 100-year developed runoff volume and the 100-year existing runoff volume in the proposed regional pond. This is an acceptable method if rate control volume is live storage (volume above the normal water elevation of the pond and below the site's 100-year flood elevation).

The existing normal water elevation for the proposed regional pond location is set by the 62-inch by 102-inch arch CMP culvert under Elmcrest Avenue. The upstream invert elevation of this culvert is 897.03 feet. The 100-year flood elevation for the site (upstream of Elmcrest Avenue) is 910.85 (FIS HEC-2 elevation).

1/21/00
CKA

Permit Application No. 99-164: Pratt, Arnt, Oakwood LLC

Quantification of dead and live storage provided in proposed regional pond is required to verify compliance with District rate control requirements.

3. The wetland delineation report identifies 23 wetland basins of various type on site. The majority of the wetland area is riparian to Clearwater Creek (JD3) or Branch 4 of JD3.

Proposed wetland impact for the entire site includes 2.11 acres of fill. Total wetland replacement required to comply with WCA requirement of 2:1 replacement ratio is 4.22 acres.

Proposed Replacement Plan includes 6.68 acres of new wetland credit, 2.19 acres of enhanced wetland credit, and 0.95 acres of public value credit. Total replacement credit proposed is 9.82 acres. Applicant proposes to bank extra replacement credits created. District staff has met with developer and other regulatory agencies to discuss suggested modifications to Wetland Replacement Plan.

4. Proposed Phase I construction plans do not adequately address incorporation of infiltration practices.
5. Proposed plan does not adequately address floodplain alteration. Revised calculations quantifying floodplain fill below elevation 910.85 is required. In addition, compensatory storage calculations are to be provided for excavated volumes below this elevation but above normal water elevations.
6. Conceptual Development Plan for entire 220± acre parcel includes four crossings of Clearwater Creek and one crossing of JD3, Branch 4. Of these crossings, Phase I development includes the JD3, Branch 4 crossing. Proposed crossing entails placement of 48-inch culvert with upstream and downstream inverts of 907.0 and 906.5, respectively. Existing and proposed cross sections, sizing calculations, and assessment of upstream flood level impacts is required.

Verification of compliance with District first floor freeboard requirements will be assessed after above impact analysis has been submitted.

1/21/00
CKA

Permit Application No. 99-164: Pratt, Arnt, Oakwood LLC

7. It appears that a satisfactory Erosion Control Plan has been submitted.
8. This permit was tabled on December 22, 1999 numerous wetland and stormwater issues. Site layout has since been revised.

Board Action:

1/21/00
CKA

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

1. Field verification by District staff of wetland boundaries.
2. Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
3. Revised Erosion Control Plan specifying an implementation schedule and revegetation specifications.
4. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all onsite wetlands, ponds, and other hydrologic features.
5. Cash surety in the amount of \$2,500.

*MSP
TWAFAA
AGC/Rmb 4-2*

Location: 200 feet south of Lexington Avenue and west of Hamline Avenue, Shoreview.

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

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a 12 lot multi-family residential development to be known as Willow Creek 3rd Addition, 2.0± acres.

- Exhibits:
1. Permit Application, dated November 29, 1999, received December 15, 1999.
 2. Preliminary Grading, Drainage, and Erosion Control Plan prepared by Westwood Professional Services, Inc., dated November 24, 1999, received December 13, 1999.
 3. Wetland delineation report prepared by Westwood Professional Services, Inc., dated December 30, 1999, received January 5, 2000.
 4. USCOE project application form prepared by Westwood Professional Services, Inc., dated January 3, 2000, received January 5, 2000.
 5. Certificate of Exemption prepared by Applicant, dated January 5, 2000, received January 5, 2000.

1/21/00
CKA

Permit Application No. 99-170: The Astra Projects, Inc.

6. Project review letter prepared by Department of Natural Resources, dated December 23, 1999, received December 27, 1999.
7. Hydrologic calculations prepared by Westwood Professional Services, Inc., dated November 16, 1999 and November 22, 1999, received December 13, 1999.
8. Pond outlet detail prepared by Westwood Professional Services, undated, received December 13, 1999.

Findings:

1. Proposed project entails a 12 lot multi-family residential development on 2.0± acres.
2. Proposed plan includes excavation of a NURP pond north of housing units designed in accordance with District rate control and water quality treatment requirements.
3. Wetland delineation report identifies one wetland partially onsite (DNR Protected Wetland 62-167W). Proposed impact includes filling 1,871 sq ft of this wetland above its ordinary high water level of 891.5 (Minnesota Department of Natural Resources). This qualifies for the WCA de minimus exemption.
4. Proposed plan does not address incorporation of infiltration practices.
5. Proposed plan does not encroach within DNR Wetland 62-167W floodplain (OHWL 891.5).

Lowest proposed first floor elevation is 895.6, which is sufficient higher than the proposed NURP pond 100-year and emergency overflow elevations, thereby complying with District freeboard requirements.

6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas and riprap at storm sewer outfalls. A revised Erosion Control Plan is required specifying an implementation schedule and revegetation specifications.
7. A preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all onsite wetlands, ponds, and other hydrologic features is required.

Board Action:

1/21/00
CKA

Recommendation: Table pending receipt of:

1. Existing and proposed subwatershed boundary maps.
2. 2- and 100-year existing and proposed hydrologic calculations demonstrating rate control.
3. Quantification of dead storage for proposed ponds throughout the site.
4. Pond outlet detail providing skimming capability up to the ~~2-year~~ storm event.
1-YEAR
5. Incorporation of infiltration practices. Items to be submitted include District infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
6. Narrative addressing potential adverse impact to wetland replacement basins from proposed (future) widening of Goodview Avenue N.
7. Specification for "restricted use" signage on lot lines at wetland boundaries.
8. Proof of Title and signed notarized WCA deed forms for replacement wetlands.
9. Identification of pond emergency overflow elevations throughout the site.
10. Revised first floor elevations complying with District freeboard requirements (if necessary).
11. Detailed Erosion Control Plan.
12. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all onsite wetlands, ponds, and other hydrologic features.
13. Copy of MPCA NPDES and USCOE permit applications.
14. Cash surety in an amount to be determined.

MSP
Table
AG/WB 4-0

1/21/00
CKA

Permit Application No. 99-171: RDI, Inc.

- Stipulations:
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
 2. The Declaration of Restrictions and Covenants for Replacement Wetland shall be properly filed and recorded prior to any wetland fill activity, with proof of recording furnished to the District.
 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. District Inspector to be contacted for preconstruction meeting prior to grading.

Location: 0.25 mile south of Scandia Trail N. and east of Goodview Avenue N., Forest Lake Township.

T-R-S: 32-21-16 cc and cd

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a 101 lot single family and 156 lot multi-family residential development to be known as Bridle Pass, 80± acres.

- Exhibits:
1. Permit Application, dated December 16, 1999, received December 23, 1999.
 2. Preliminary Grading and Erosion Control Plan prepared by Sathre-Bergquist, Inc., dated October 28, 1999, received December 8, 1999.
 3. Existing Conditions Plan prepared by Sathre-Bergquist, Inc., dated October 20, 1999, received December 8, 1999.
 4. Wetland delineation report prepared by Kjolhaug Environmental Services Company, dated October 13, 1999, received October 14, 1999.
 5. Wetland Replacement Plan prepared by Kjolhaug Environmental Services, dated December 8, 1999, received December 8, 1999.

1/21/00
CKA

Permit Application No. 99-171: RDI, Inc.

6. Wetland Replacement Plan comments prepared by Washington Soil and Water Conservation District, dated January 3, 2000, received January 5, 2000.
7. RCWD Permits 98-145, 98-75, and 94-05.

Findings:

1. Proposed project entails a 101 lot single family and 156 lot multi-family residential development on an 80-acre parcel with one existing farm.
2. Insufficient exhibits have been submitted to assess compliance with District rate control, water quality treatment, and infiltration requirements.
3. A wetland delineation report identifies 23 on-site wetlands.

Proposed impact includes 28,601 sq ft of fill throughout the site. Proposed fill less the WCA de minimus exemption leaves 56,402 sq ft of required replacement.

On-site replacement is proposed with 29,425 sq ft of new wetland credit and 38,232 sq ft of public value credit.

4. Insufficient exhibits have been submitted to assess floodplain impact or first floor requirements.
5. An Erosion Control Plan has been submitted specifying silt fence around some ponds and wetlands, an implementation schedule, and revegetation specifications. The Erosion Control Plan will be reviewed in detail upon submittal of all required exhibits.
6. A preliminary plat or legal document with satisfactory form and description is required granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features.
7. RCWD Permits 98-145, 98-75, and 94-05 were reviewed for construction of the Forest Lake Junior High School, a parking lot addition at Forest Lake High School, and the Forest View Hills residential development north of the site, respectively.

Board Action:

1/21/00
CKA

Recommendation: Table pending receipt of:

1. Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
2. Revised Stormwater Management Plan providing for District water quality treatment requirements (excavation of dead storage in existing pond).
3. Revised outlet structure providing skimming capability up to the ~~2-year event~~.
1-YR EVENT.
4. Field verification by District staff of no wetland impact.
5. Identification of pond emergency overflow elevation.
6. Revised first floor elevation (if necessary) to comply with District 1-foot emergency overflow buffer requirement.
7. Revised Erosion Control Plan specifying an implementation schedule, revegetation specifications and erosion protection for flows from parking lot to pond.
8. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all onsite hydrologic features.
9. ~~Signed Permit Application.~~

⑨ 10. Cash surety in the amount of \$2,500.

Location: 0.25 mile north of County Road C2 and west of Partridge Road, Roseville.

T-R-S: 29-23-5 aca

Purpose: Approval of a Final Site Drainage Plan for a 25,000 sq ft industrial building and associated parking area, 2.8± acres.

Exhibits: 1. Permit Application, unsigned, dated December 17, 1999, received December 22, 1999.

1/21/00
CKA

Permit Application No. 99-172: Carlson-LaVine, Inc.

2. Project narrative prepared by John Oliver and Associates, Inc., dated December 16, 1999, received December 22, 1999.
3. Hydrologic calculations prepared by John Oliver and Associates, Inc., dated December 16, 1999, received December 22, 1999.
4. Grading, Drainage, and Erosion Control Plan prepared by John Oliver and Associates, Inc., dated November 29, 1999, received December 22, 1999.
5. RCWD Permits 98-87, 96-150, 91-30, and 81-81.

Findings:

1. Proposed project entails construction of a 25,000 sq ft industrial building and 75,000± sq ft of associated bituminous parking and drive.
2. Proposed Stormwater Management Plan routes all hard surface runoff via storm sewer to an existing on-site pond (possibly constructed under RCWD Permit 81-81 for the St. Paul Suburban Bus Company). This project was apparently abandoned after rough site grading.

Submitted hydrologic calculations demonstrate that existing pond will serve proposed development for rate control requirements but not water quality treatment requirements. A revised Stormwater Management Plan providing for District water quality treatment requirements (dead storage equal to the runoff volume from a 2.5-inch storm over its subwatershed area) is required. In addition, the plan will have to modify existing outlet to provide skimming capability.

3. NWI maps appear to indicate the presence of a Type II wetland on site. Field verification by District staff of no wetland presence is required.
4. Proposed plan does not address incorporation of infiltration practices.
5. Proposed first floor elevation is 914.0, 5.5 feet above the 100-year water elevation of existing on-site pond under proposed development conditions, thereby satisfying District 2-foot freeboard requirement. Identification of pond emergency overflow elevation is required to verify first floor 1-foot emergency overflow freeboard requirement.

1/21/00
CKA

Permit Application No. 99-172: Carlson-LaVine, Inc.

6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas. A revised Erosion Control Plan is required specifying an implementation schedule and revegetation specifications.
7. A preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all onsite wetlands, ponds, and other hydrologic features is required.
8. RCWD Permit 98-87 was withdrawn for the Roseville Truck Sales development south of this site on County Road C2. RCWD Permit 96-150 was reviewed for parking lot addition at 2195 County Road C2 south of the site. RCWD Permit 91-30 was reviewed for a vehicle emission testing station at 2931 Partridge Road.

Board Action:

1/21/00
CKA

Permit Application No. 99-173: Successful Bidder, City of New Brighton
(To be Selected)

~~TAB~~ TWAFAA

Recommendation: Table ^{WAFAA} pending receipt of:

- ~~1. Clarification of original wetland basin status (i.e., created stormwater pond or natural wetland).~~
- ① ~~2. Quantification of wetland impact via fill and Wetland Replacement Plan application, or~~ revised plan eliminating "spoil island."
- ② ~~3.~~ Permit Application signed by Successful Bidder.
- ③ ~~4.~~ Cash surety in ^{THE} an amount ~~to be determined.~~ OF \$ 500.

Stipulation: District Inspector is to be contacted prior to land-disturbing activities to finalize erosion control measures.

Location: South of 3rd Street N.W. and 0.25 mile east of Silver Lake Road, New Brighton.

T-R-S: 30-23-30 ddb

Purpose: Approval of a Wetland Alteration Plan for excavation of 1.5± acre wildlife pond.

- Exhibits:
1. Permit Application, unsigned, undated, received December 7, 1999.
 2. Project narrative prepared by City of New Brighton, dated December 6, 1999, received December 7, 1999.
 3. Quote form for Bicentennial Pond excavation project (Project No. 99-10) prepared by City of New Brighton, dated December 2, 1999, received December 7, 1999.
 4. Plan sheet prepared by City of New Brighton, undated, received December 7, 1999.
 5. WCA Non-Exemption Letter prepared by Ramsey Soil and Water Conservation District, dated December 21, 1999, received December 27, 1999.

1/21/00
CKA

Permit Application No. 99-173: Successful Bidder, City of New Brighton
(To be Selected)

- Findings:
1. Proposed project entails partial excavation of an existing Type IV (PEMF) wetland basin for creation of open water and to increase the pond's holding water capacity.
 2. ~~It appears as if~~ project entails excavation of approximately 1.5 acres, ^{OF THIS} ~~of which approximately 0.5 acre will be filled to create an island in~~ ^{WETLAND.} ~~the center. It is unclear if the construction of an island in the pond will be an improvement to wildlife habitat and therefore exempt from WCA replacement plan. Quantification of wetland impact via fill is required.~~
 3. Applicant has specified removal of ^{ALL} ~~remaining~~ spoils offsite ^{(PER PHONE} and ^{DISCUSSION)} reseeded of construction access road.

Board Action:

1/21/00
CKA

**Permit Application No. 00-01: Successful Bidder, City of Lauderdale
(To be Selected)**

TAB

Recommendation: Table pending receipt of:

1. Additional narrative explaining why infiltration trench in the park must be eliminated from project scope and alternative analysis for incorporation of other water quality features.
2. Design plans and specifications.
3. Permit Application signed by Successful Bidder.
4. Cash surety in an amount to be determined.

Location: Pleasant Street north of Summer Street, Summer Street between Carl Street and Fulham Street, and Lauderdale Community Park, Lauderdale.

T-R-S: 29-23-17 caa

Purpose: Approval of a Street and Utility Plan for 2,700± linear feet of storm sewer.

- Exhibits:**
1. Permit Application, unsigned, undated, received January 4, 2000.
 2. Project narrative prepared by BRA and Associates, dated January 3, 2000, received January 4, 2000.
 3. Excerpt from Lauderdale Surface Water Management Plan prepared by BRA and Associates, undated, received January 4, 2000.

Findings: 1. Proposed project is the first of four scheduled street and utility improvement projects within the City of Lauderdale.

Proposed Phase I storm sewer work in and around Lauderdale Community Park includes:

- Lowering the low point of Summer Street.
- Installing an 8-foot diameter sump catchbasin manhole at the low point of Summer Street.
- Installing storm sewer line through the park to Pleasant Street.
- Connecting with proposed storm sewer system on Pleasant Street and extending it north to the Roselawn/Pleasant intersection.

1/21/00
CKA

**Permit Application No. 00-01: Successful Bidder, City of Lauderdale
(To be Selected)**

- Connecting to and replacing existing structure in the Roselawn/
Pleasant intersection.
 - Replacing existing pipe on Pleasant from Roselawn to the north
into Walsh Lake (DNR Protected Wetland 214W).
 - Substantially filling an existing ditch in the park and installing
drain tile below surface.
2. Current conceptual design is the same as proposed in the approved
Stormwater Management Plan with the following two exceptions:
- The infiltration trench in the park has been eliminated because of
extremely high groundwater in the flat grades.
 - Connection of new storm sewer to an existing storm sewer
system on Roselawn before discharging into Walsh Lake thereby
allowing installation of a large 8-foot diameter sediment trap
prior to discharge to Walsh Lake.
3. Permit Application is incomplete at this time and additional exhibits
are required for review. Most notably, these include design plans
and specifications.

Board Action:

1/21/00
CKA

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

1. Incorporation of infiltration practices. Items to be submitted include District infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
- ~~2. Clarification of proposed grassed swale detail utilization.~~

- ② ~~/~~. Copy of wetland delineation report.
- ③ ~~/~~. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site hydrologic features.
- ④ ~~/~~. Cash surety in the amount of \$1,500.

Location: 700 Mahtomedi Avenue, Mahtomedi.

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

Purpose: Approval of a Final Site Drainage Plan for a 19,000± sq ft building addition, 5.0± acres.

- Exhibits:
1. Permit Application dated January 7, 2000, received January 7, 2000.
 2. Stormwater Management, Grading, and Sediment/Erosion Control Plan prepared by HTPO Engineers, dated January 3, 2000, received January 7, 2000.
 3. Existing and proposed subwatershed boundary maps prepared by HTPO Engineers, dated January 3, 2000, received January 7, 2000.
 4. Drainage report prepared by HTPO Engineers, ~~dated January 7, 2000~~, received ~~January 7, 2000~~. 1/18/00. LR 1/18/00
 5. RCWD Permit File 96-52 and CSMP 84C13.

- Findings:
1. Proposed project entails construction of a 19,000± sq ft building addition at the existing St. Jude of the Lake Church. In addition, the project proposes to improve a turnaround at the end of Fir Street. Proposed project is within the Mahtomedi Wildwood Elementary and Stillwater Road Subwatershed Districts (RCWD CSMP 84C13).

1/21/00
CKA

Permit Application No. 00-02: St. Jude of the Lake Church

2. Proposed project conforms to the approved Stormwater Management Plan outlined under CSMP 84C13. Drainage from the site is routed to a catchbasin and storm sewer which discharges to an open ditch. This open ditch discharges south to Pond 2 of the Wildwood Elementary Watershed. This pond has been delineated as wetland by Arlig Environmental, Inc.

The net increase in the amount of impervious area from existing to proposed conditions is 0.34 acres. Because of this negligible increase in impervious area and since downstream ponding has been provided as approved under CSMP 84C13, additional rate control is not required. Proposed project is to incorporate water quality/infiltration Best Management Practices.

3. A wetland delineation report is required to convey accurate easements over the on-site wetland and drainageway (ditch).
4. A preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site hydrologic features is required.
5. RCWD Permit 96-52 was reviewed for multiple city street improvement projects in the area, most notably Warner Avenue immediately east of the site.

Board Action:

1/21/00
CKA

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

1. Pond outlet details.
2. Identification of pond emergency overflow elevations.
3. Specification on plans of lowest proposed first floor elevation to be at least 1 foot above highest pond emergency overflow elevation and at least 2 feet above highest pond 100-year elevation.
4. Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
5. Incorporation of erosion control practices as outlined in project narrative into Stormwater Management Plan/ Grading Plan.
6. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site ponds and other hydrologic features or pond maintenance agreement.
7. Cash surety in the amount of \$2,500.

*MSP
TWAFAA pro 7
A GC / DB 4-2*

Location: South of Osborne Road N.E. and west of Old Central Avenue, Fridley.

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

Purpose: Approval of a Final Site Drainage Plan for a 39,000 sq ft office/warehouse building and associated parking and drive, 3.55± acres.

- Exhibits:
1. Permit Application dated January 7, 2000, received January 11, 2000.
 2. Project narrative prepared by Alliant Engineering, Inc., dated January 7, 2000, received January 11, 2000.
 3. Infiltration checklist and worksheet prepared by Alliant Engineering, Inc., undated, received January 11, 2000.

1/21/00
CKA

Permit Application No. 00-03: Gonyea Company, Inc.

4. Hydrologic calculations prepared by Alliant Engineering, Inc., dated January 6, 2000 and January 7, 2000, received January 11, 2000.
5. Stormwater Management Plan prepared by Alliant Engineering, Inc., dated October 11, 1999, received January 11, 2000.
6. RCWD Permit Files 98-49, 94-164, and 93-70.

Findings:

1. Proposed project entails construction of a 39,000 sq ft office/warehouse building and associated parking and driveway resulting in a total of 2.73 acres of impervious area (77% of total lot area).
2. Proposed plan includes excavation of two NURP ponds designed in accordance with District rate control and water quality treatment requirements.
3. NWI maps do not indicate the presence of wetlands on site.
4. Proposed plan does not address incorporation of infiltration practices.
5. Plan is to specify lowest proposed first floor elevation to be at least 1 foot above highest pond emergency overflow elevation and at least 2 feet above highest pond 100-year elevation. Identification of pond emergency overflow elevations is required.
6. Project narrative indicates that hay bales will be placed around proposed catchbasins, silt fence will be placed around perimeter of the site, rock construction entrances will be incorporated, wood fiber blanket will be installed on pond slopes, and riprap will be installed near pond inlets. All of the above erosion and sediment control features are to be incorporated and shown on a revised Stormwater Management/Grading Plan.
7. A preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site ponds and other hydrologic features is required.
8. RCWD Permit 98-49 is reviewed for improvement of Central Avenue immediately east of the site. RCWD Permits 94-164 and 93-70 were reviewed for an industrial complex immediately west of the site.

Board Action:

1/21/00
CKA

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

1. Wetland delineation report.
2. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features (including floodplain and 50 feet from centerline of County Ditch 46).

Stipulation: Development of sites will require further RCWD permit review process.

Location: South of the main branch of County Ditch 46 and east of Potomac Street, Columbus Township.

T-R-S: 32-22-22 bc

Purpose: Approval of a Land Development Plan for subdivision of a 11.6-acre parcel into a 5.0-acre parcel and a 6.6-acre parcel.

- Exhibits:**
1. Permit Application dated January 4, 2000, received January 11, 2000.
 2. Site survey, undated, received January 11, 2000.

Findings:

1. Proposed project entails subdivision of an 11.6-acre parcel into a 5.0-acre parcel and a 6.6-acre parcel. The north property line of existing parcel is the centerline of County Ditch 46.

There is no proposed land-disturbing activity associated with this project.

2. A wetland delineation report is required for conveyance of accurate easements.
3. A regulatory 100-year flood elevation for the site is 900.9 (CD46 at Kettle River Boulevard, 1998 RCWD Calibration Study).

1/21/00
CKA

Permit Application No. 00-04: Mark Pogreba

4. A preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features (including floodplain and 50 feet from County Ditch 46 centerline) is required.

Board Action:

1/21/00
CKA

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

1. Field verification by District staff of no wetland fill.
2. Specification of first floor elevation on plans.
3. Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
4. Revised Erosion Control Plan specifying riprap at the proposed southwest parking lot curbcut outfall.
5. ~~Signed Permit Application.~~
6. ~~\$150 Permit Application fee.~~

⑤ ~~1.~~ Cash surety in the amount of \$1,000.

Location: South of Main Street and west of 21st Avenue, Centerville.

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

Purpose: Approval of a Final Site Drainage Plan for a 4,000 sq ft industrial building addition and a 5,000± sq ft parking lot addition, 1.4± acres.

- Exhibits:
1. Permit Application, ~~undated, unsigned~~, received ~~January 13, 2000.~~
DATED 1/21/00 1/24
 2. Grading and Drainage Plan prepared by Glen Rehbein Companies, last revised October 25, 1999, received January 13, 2000.
 3. RCWD Permit Files 97-12, 87-51, and 83-45.

Findings:

1. Proposed project involves construction of a 4,000 sq ft industrial building addition and 5,000± sq ft of additional parking lot on a previously developed site. The existing on-site building was approved under RCWD Permit 97-12. This site is located in Lot 7, Block 1 of the Rohm Industrial Park which was approved under RCWD Permits 87-51 and 83-45.

1/21/00
CKA

Permit Application No. 00-05: Craig Kozar

Site runoff will be routed southwest to a regional pond created under Permit 87-51. This regional pond provides rate control and water quality treatment for the site in accordance with District standards. The pond outlets to Anoka County Ditch 55, which flows through the western half of the industrial park to Clearwater Creek.

2. NWI maps indicate the presence of a Type III wetland located near the southwest site boundary. Field verification by District staff of no wetland impact is required.
3. Proposed plan does not address incorporation of infiltration practices.
4. The flood elevation of 20th Avenue is 904.2 (1998 Calibration Study). The existing building first floor elevation is 907.5. A revised Grading Plan is required specifying the proposed addition first floor elevation to be at least 906.2.
5. An Erosion Control Plan has been submitted specifying silt fence located downslope of graded area. Riprap will be required at the proposed southwest corner of the parking lot curbcut outfall.

Board Action:

1/21/00
CKA

Recommendation: Table pending receipt of:

- ~~1. Existing and proposed subwatershed boundary maps.~~
- ① EXISTING AND PROPOSED COMPOSITE CURVE NUMBER COMPUTATIONS.
- ② 2. 2- and 100-year existing and proposed hydrologic calculations demonstrating rate control.
- ~~3. Quantification of pond dead storage.~~
- ③ 4. Revised North Pond outlet ^(DETAIL ON GRADING PLAN) providing skimming capability up to the 2-year storm event.
1-YEAR
- ~~5. Revised Stormwater Management Plan providing for District rate control and water quality treatment of east 300± feet of Hunter's Trail.~~
- ④ 6. Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
- ⑤ 7. ^{REVISED} Sequencing discussion and Wetland Replacement Plan application. SEQUENCING DISCUSSION; IDENTIFICATION OF EAST DITCH WETLAND AND NORTH WETLAND ABOVE POND NUL AS IMPACT.
- ~~8. Quantification of wetland fill by type.~~
- ~~9. Narrative addressing sustainability of impacted isolated wetland remnants.~~
- ⑥ REVISED WETLAND REPLACEMENT AREA GRADING PLAN CONFORMING W/ DISTRICT RULES (I.E.
- ⑦ 10. Completion of WCA 30-day comment period (starts after receipt of item 7). PROVIDING OVERLAYS OF WETLAND TYPE, UNOULATING BOTTOM, IRREGULAR SHAPE, & MOOT 25A SEED SPECIFICATION ON NON-OPEN WATER AREAS, ETC.).
- ⑧ 11. Proof of Title and signed/notarized WCA Deed Forms for Replacement Wetlands.
- ~~12. Identification of pond emergency overflow elevations.~~
- ~~13. Revised first floor elevations complying with District freeboard requirements (if necessary).~~
- ~~14. Narrative addressing impact of proposed 15-inch CMP at south property line on upstream landowners.~~

1/21/00

CKA

- ~~15.~~ Culvert sizing calculations for 15 inch CMP at south property line.
- (9) ~~16.~~ Existing ditch bottom elevation at proposed 15 inch CMP. NARRATIVE ADDRESSING POTENTIAL FOR DEWATERING OF SOUTH OFF-SITE WETLAND BY PROPOSED SOUTH POND OUTLET.
- ~~17.~~ Revised Erosion Control Plan specifying silt fence around graded ponds and between graded areas and wetland boundaries, rock construction entrance, riprap at storm sewer outfalls, revegetation specifications, and an implementation schedule.
- (10) 18. Revised preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features (including required infiltration areas).
- (11) 19. Copy of MPCA NPDES and USCOE permit applications.
- (12) 20. 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 Declaration of Restrictions and Covenants for Replacement Wetland shall be properly filed and recorded prior to any wetland fill activity, with proof of recording furnished to the District.
 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. District Inspector to be contacted for preconstruction meeting prior to grading.

1/21/00
CKA

Permit Application No. 00-06: Richard Carlson and Associates, Inc.

Location: South of Lamotte Park and west of Centerville Road, Centerville.

T-R-S: 31-22-23 cca and ccb

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a 36-lot single family residential development to be known as Hunter's Crossing, 19.6± acres.

- Exhibits:
1. Permit Application, dated January 13, 2000, received January 13, 2000.
 2. Preliminary plat prepared by Mattke Engineering, Inc., dated January 6, 2000, received January 13, 2000. ^{LR 1/23/00, REC'D 1/24/00}
 3. Surrounding Area Plan prepared by Mattke Engineering, Inc., dated January 6, 2000, received January 13, 2000. ^{LR 1/23/00, REC'D 1/24/00}
 4. Preliminary Grading, Utility, and Erosion Control Plan prepared by Mattke Engineering, Inc., dated January 6, 2000, received January 13, 2000. ^{LR 1/24/00, REC'D 1/24/00}
 5. Wetland delineation report prepared by Anoka Conservation District, dated November 18, 1998, received January 13, 2000.
 6. RCWD Permit Files 98-93, 98-16, and 97-126.

- Findings:
1. Proposed project entails a 36-lot single family residential development immediately south of Lamotte Park in Centerville. RCWD-issued Permit 97-126 was reviewed for development of a sports field complex at Lamotte Park.
 2. Proposed plan includes excavation of two on-site ponds. It is unclear if these ponds are designed in accordance with District rate control or water quality control treatment requirements.
 3. Wetland delineation report identifies four wetlands on site.

Identified impact includes ^{6,260} 7,400 sq ft of wetland fill, ^{(AND 3,732 SQ FT OF} of unspecified ^{DRAINED} wetland, ^{FOR A} ^{TOTAL} ^{IMPACT OF} 9,992 SQ FT.

~~A narrative addressing sustainability of unimpacted isolated wetland remnants is required. In addition, quantification of wetland fill by type is required as well as sequencing discussion and a Wetland Replacement Plan.~~

1/21/00
CKA

Permit Application No. 00-06: Richard Carlson and Associates, Inc.

4. Proposed plan does not address incorporation of infiltration practices. INFILTRATION W/IN PONDS (PERMANENT POOL) IS NOT ALLOWED SINCE MURP POND FILL W/ FINES.
5. The floodplain elevation for this site is 887.0 (100-year elevation for Centerville Lake, 1998 RCWD Calibration Study). There is no proposed floodplain impact. LOWEST PROPOSED 1ST FLOOR IS 902.8, 2.8 FT ABOVE HIGHEST POND 100-YR & 2.8 FT ABOVE HIGHEST POND OVERFLOW ELEVATIONS,
6. REVISED A ~~revised~~ Erosion Control Plan has been submitted specifying silt fence along north property boundary, ~~A revised Erosion Control Plan specifying silt fence~~ around graded ponds and between graded areas and wetland boundaries, a rock construction entrance, riprap at storm sewer outfalls, revegetation specifications, and an implementation schedule ~~is required~~. THESE BY SATISFYING DUTY-FREEBOARD REQUIREMENTS
7. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features (including required infiltration practices) is required.
8. RCWD Permits 98-93 and 98-16 were reviewed for the Parkview Addition northeast of the site.

Board Action:

1/21/00
CKA

Recommendation: Table ending receipt of:

1. Clarification of access road scope of work.
2. Wetland delineation report.
3. Identification of wetland impacts proposed by access road grading.
4. Existing and proposed roadway cross sections through wetland areas.
5. Erosion Control Plan.
6. Cash surety in an amount to be determined.

Stipulation: District Inspector is to be contacted prior to land-disturbing activities to finalize erosion control measures.

Location: Adjacent to I-35E 0.25 mile south of I-35E and I-35W split, Columbus Township.

T-R-S: 32-22-36 cc
31-22-1 b

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of ~~three~~ outdoor advertising sign structures and 4,700± linear feet of access road. ^{TWO}

- Exhibits:
1. Permit Application, dated January 7, 2000, received January 13, 2000.
 2. Project narrative prepared by Applicant, dated January 13, 2000, received January 13, 2000.
 - ③ SUPPLEMENTARY PROJECT NARRATIVE PREP. BY APPLICANT, DATED 1/21/00, REC'D 1/21/00
 3. Written authorization from landowner Brite-Vue Partnership for access and construction of proposed signs, dated January 10, 2000, received January 13, 2000.
 4. Easement sketch and description prepared by E. G. Rud and Sons, Inc., dated November 17, 1999, received January 13, 2000.

1/21/00
CKA

Permit Application No. 00-07: DeLite Outdoor Advertising, Inc.

- Findings:
1. Proposed project entails construction of ^{TWO} ~~three~~ outdoor advertising signs ~~along~~ I-35E. Each structure will have one concrete footing.
_{LEAST OF}
 2. NWI maps indicate the presence of wetlands at each sign location and within proposed access road alignment. Construction of the signs will result in less than 50 sq ft of permanent wetland impact.

The project narrative states that all spoils will be removed from site and any disturbed area will be graded smooth and revegetated.

3. It is unclear as to the extent of wetland impact resulting from proposed 4,700± linear foot access road. The project narrative states that roads to the signs will be graded by smoothing out the existing dirt. Clarification of project's scope regarding access road and identification of wetland impacts is required.

Board Action:

1/21/00
CKA

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

~~1. Resolution and approval by District staff of quantified live and dead storage provided by the Clearwater Creek Enhancement Project.~~

~~2. Quantification of required live and dead storage to be deducted the Clearwater Creek Enhancement Project for this site.~~

① ✓ Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map. Note infiltration practices must be capable of retaining required infiltration runoff volume.

~~✓ Permit Application fee in the amount of \$150.~~

② ✓ Cash surety in the amount of \$1,500.

Location: South of Fenway Boulevard Court and east of Fenway Boulevard, Hugo.

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

Purpose: Approval of a Final Site Drainage Plan for a 11,500± sq ft industrial building and 25,000± sq ft of associated parking and drive, 1.6± acres.

- Exhibits:
1. Permit Application, dated January 10, 2000, received January 13, 2000.
 2. Grading and Utility Plan prepared by Passe Engineering, Inc., last revised January 10, 2000, received January 13, 2000.
 3. Infiltration worksheet and checklist prepared by Passe Engineering, Inc., undated, received January 13, 2000.
 4. RCWD Permit Files 99-161, 99-136, 99-134, 99-121, 98-161, 98-117, 98-77, 98-05, and 97-115.

1/21/00
CKA

Permit Application No. 00-08: Como Lube and Supplies, Inc.

- Findings:
1. Proposed project entails construction of a 11,500± sq ft industrial building and 25,000± acres of parking and bituminous drive on a 1.6± acre parcel within the proposed Bald Eagle Industrial Park (RCWD Permit 98-05).
 2. The ~~intent of the~~ Bald Eagle Industrial Park plan ^{PROVIDES} ~~is to provide~~ full rate control and water quality treatment for all developing parcels within regional ponding created by the Clearwater Creek Corridor Improvements (RCWD Permit 97-115) and within the Fenway Avenue and Boulevard pond construction project (RCWD Permit 98-77). THEREFORE, NO ON-SITE PONDING IS REQUIRED.
 3. NWI maps do not indicate the presence of wetlands on the site.
 4. Floodplain does not exist on site.
 5. Proposed plan does not adequately address incorporation of infiltration practices.
 6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas, gravel construction entrance, an implementation schedule, and revegetation specifications.
 7. RCWD Permits 99-134, 99-121, 98-161, and 98-117 were issued for various commercial/industrial developments north and east of this site within the Bald Eagle Industrial Park. RCWD Permit 99-136 was issued for construction of Fenway Boulevard Court immediately north of the site.

Board Action:

1/21/00
CKA

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

1. Quantification of pond dead storage.
2. Incorporation of infiltration practices.
3. Revised Erosion Control Plan specifying riprap downstream of southern curb cut.
4. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features.
5. Cash surety in the amount of \$2,500.

Location: South of 101st Street and east of Xylite Avenue, Blaine.

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

Purpose: Approval of a Final Site Drainage Plan and a Wetland Alteration Plan for a 5,000 sq ft industrial building and associated parking, 4.1± acres.

- Exhibits:**
1. Permit Application, dated January 15, 2000, received January 15, 2000.
 2. Preliminary Grading, Drainage, Erosion Control, and Utility Plan prepared by Plowe Engineering, Inc., dated January 12, 2000, received January 13, 2000.
 3. Subwatershed boundary map prepared by Plowe Engineering, Inc., undated, received January 13, 2000.
 4. Hydrologic calculations prepared by Plowe Engineering, Inc., dated January 13, 2000, received January 13, 2000.
 5. Wetland delineation report prepared by Anoka Conservation District, dated July 2, 1998, received January 14, 2000.
 6. RCWD Permit File 98-96.

1/21/00
CKA

Permit Application No. 00-09: Roger Berganini

- Findings:
1. Proposed project entails construction of a 5,000 sq ft vehicle repair facility and 12,000± sq ft of associated bituminous parking and drive. RCWD Permit Application 98-96 was reviewed but not issued for an alternative development layout on this site.
 2. Proposed plan includes excavation of the two ponds designed in accordance with District rate control. Quantification of pond dead storage is required to verify compliance with District water quality treatment requirements.
 3. The wetland delineation report identifies two Type III wetland basins partially on site. Proposed impact includes filling 256 sq ft of one of these wetlands. This qualifies for the WCA de minimus exemption.
 4. Proposed plan does not adequately address incorporation of infiltration practices. It appears feasible to incorporate an infiltration basin or drainage swale with check dams south of proposed parking.
 5. The flood elevation for this site at 101st Avenue (Ditch 53-62, Branch 5, Lateral 2) is 902.3 (1975 Blaine CSMP). The proposed building first floor elevation is 907.5, 2.5 feet above the highest adjacent NURP pond flood elevation (905.0), thereby satisfying the District's 2-foot freeboard requirement.
 6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas, along wetland boundaries, and around graded ponds, riprap at storm sewer outfalls, revegetation specifications, a rock construction entrance, and an implementation schedule. A revised Erosion Control Plan is required specifying riprap downstream of southern curb cut.
 7. A preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands, ponds, and other hydrologic features is required.

Board Action:

1/21/00
CKA

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

*MSP
TWAFAA
Rmk/DB 4-2*

1. Copy of Mitigation Plans identifying existing wetland area outlet, runoff elevation, and flow path.
2. Preliminary plat or legal document with satisfactory form and description granting ponding and flowage easements over all on-site hydrologic features.
3. Proof of title and signed/notarized WCA deed forms for replacement wetlands.
4. Permit Application signed by Successful Bidder.
5. Cash surety or Letter of Credit in the amount of \$80,000.

- Stipulations:
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
 2. The Declaration of Restrictions and Covenants for Replacement Wetland shall be properly filed and recorded prior to any wetland fill activity, with proof of recording furnished to the District.
 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. District Inspector to be contacted for preconstruction meeting prior to grading.
 5. Development of individual lots within the BEIP will require further RCWD permit review process.

1/21/00
CKA

Permit Application No. 98-05: Successful Bidder, City of Hugo
(To be Selected)

Location: Immediately west of Highway 61 between 140th Street and 130th Street, Hugo.

T-R-S: 31-21-29 c, 31-21-30 d (development)
31-22-23 dd (wetland replacement)

Purpose: Approval of a Land Development and a Wetland Alteration Plan for an industrial development to be known as the Bald Eagle Industrial Park, 93± acres.

- Exhibits:**
1. Permit Application, unsigned, undated, received January 15, 1998.
 2. Runoff calculations prepared by WSB and Associates, Inc., dated January 15, 1998, received January 15, 1998.
 3. Watershed and topography map, undated, received January 15, 1998.
 4. Wetland Replacement Plan Application prepared by WSB & Associates, dated September 28, 1999, received September 29, 1999.
 5. Proposed Wetland Mitigation Plan prepared by Metro Land Surveying, last revised November 3, 1997, received September 29, 1999.
 6. RCWD Permits 00-08, 99-136, 99-134, 99-121, 98-161, 98-117, 98-77, 97-125 and 97-115.

- Findings:**
1. Project involves the subdivision of a 93± acre parcel into industrial lots to be known as the Bald Eagle Industrial Park.
 2. Runoff from the site will be routed through retention basins constructed under RCWD Permit 98-77 (Fenway Avenue construction) prior to discharging to the adjacent Clearwater Creek Wetland Enhancement Project (RCWD Permit 97-115). These ponds are designed in accordance with District rate control and water quality treatment for the entire industrial park.

Pretreatment of stormwater prior to discharge to wetlands is still required (if and when proposed).

1/21/00
CKA

Permit Application No. 98-05: Successful Bidder, City of Hugo
(To be Selected)

3. The project proposes to fill 3.91 acres of Type II wetland. Mitigation includes 9.31 acres of on-site restoration and 4.0 acres of off-site (west of 20th Avenue, north of Cedar Street, Centerville; north of wetland created under RCWD 97-125) creation, thereby complying with WCA regulations for replacement.
4. District infiltration and erosion control requirements will be addressed on a site-by-site basis (via future permit process).
5. The FIS flood elevation for Clearwater Creek adjacent to the site is 912.0.
6. RCWD Permits 99-136, 99-134, 99-121, 98-161, and 98-117 have been reviewed for various individual developments within the BEIP. RCWD Permit 00-08 is currently under consideration for an industrial building within the BEIP.
7. This permit (reviewed for a Land Development Plan) was tabled on January 28, 1998 for issues regarding wetland impact, stormwater management, and easements. This permit was again tabled on October 27, 1999 (reviewed for a Wetland Alteration Plan) for four items.

Board Action:

1/21/00
CKA