

OFFICIAL COPY

RICE CREEK WATERSHED DISTRICT

RCWD

CONSENT AGENDA

JUNE 23, 1999

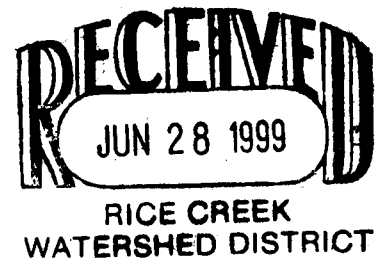
It was moved by CARDINAL and seconded by
HULTO to approve, table with authorization for administrative action,
or table the Permit Applications noted in the following table of contents in accordance with the
District Engineer's Findings and Recommendations, as contained in the Engineer's Report dated

June 18, 1999:

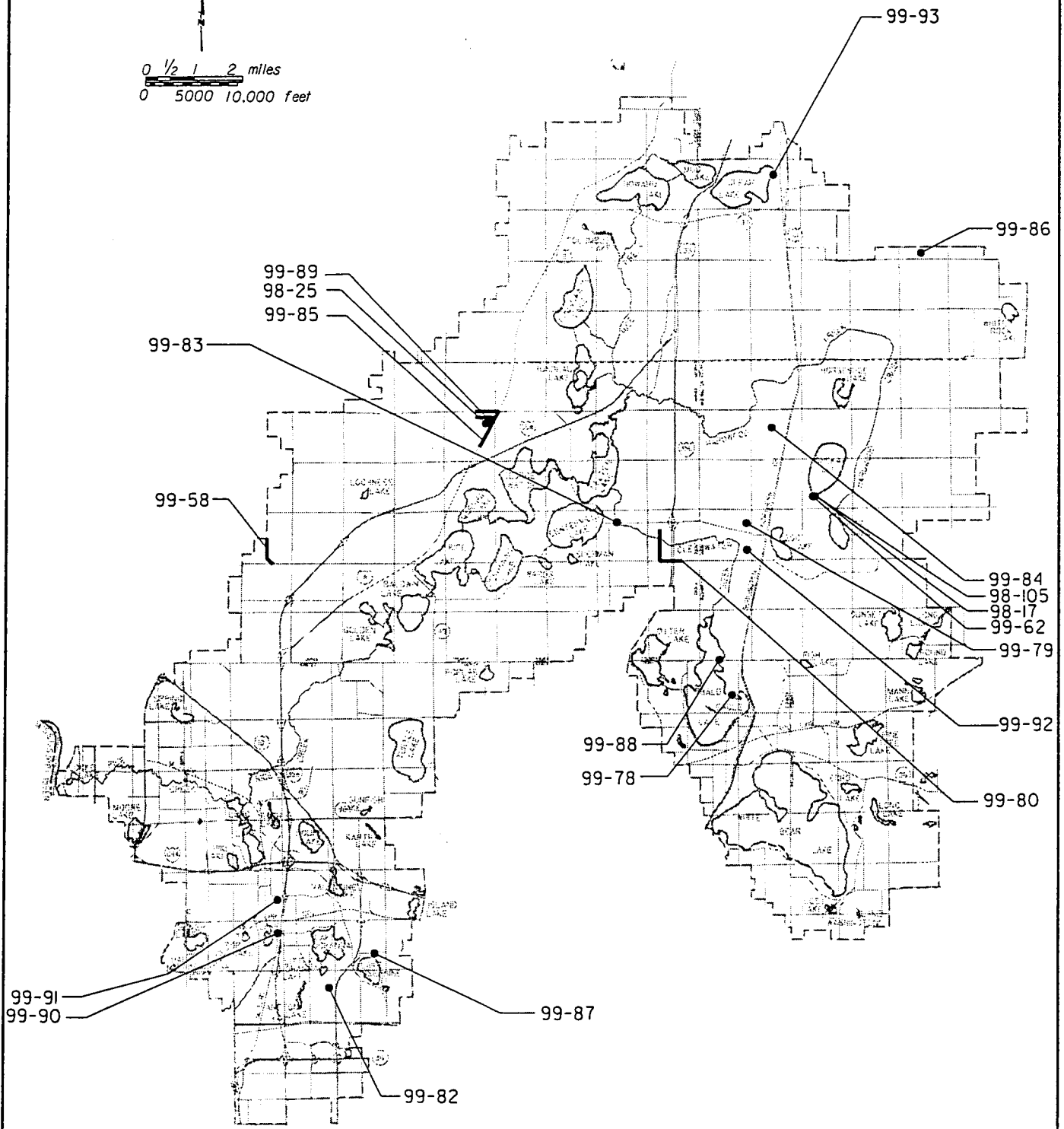
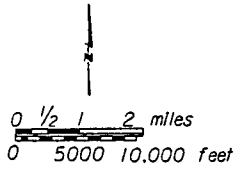
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98-105
99-78
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T = 12 on Consent

CARRIED 5-0.



RICE CREEK
WATERSHED DISTRICT
1999 PERMIT



MONTGOMERY WATSON

Minneapolis, Minnesota

RICE CREEK WATERSHED DISTRICT

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JUNE 23, 1999

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* To be presented

x PRESENTED

Recommendation: Approval.

Stipulation: Development on the north 350 feet of the site is not covered under this permit.

Location: Oneka Lake Boulevard 2,500 feet east of Highway 61, Hugo.

T-R-S: 31-21-17 ddc and 31-21-20 aab

Purpose: Approval of a Final Site Drainage Plan for a multifamily residential development to be known as Oneka Lake View, 30 lots, 20± acres.

- Exhibits:
1. Permit Application, dated March 2, 1998, received March 3, 1998.
 2. Grading, Drainage, and Erosion Control Plan prepared by North Suburban Development, Inc., last revised March 29, 1999, received June 10, 1999.
 3. Preliminary plat prepared by Caine & Associates, Inc., undated, received April 6, 1999.
 4. Utility Plan prepared by North Suburban Development, Inc., last revised March 17, 1999, received April 6, 1999.
 5. Drainage analysis and calculations prepared by Ken Gust Enterprises, dated February 26, 1998, received March 3, 1998.
 6. Alternatives analysis prepared by Ken Gust Enterprises, dated February 25, 1998, received March 3, 1998.
 7. Pre-permit investigation letter prepared by the RCWD, dated January 5, 1989, received March 3, 1998.
 8. Wetland Delineation Report prepared by Earth Science Associates, Inc., dated May 1998, received May 14, 1998.
 9. MPCA NPDES permit application, received May 14, 1998.
 10. Notification of USCOE permit application letter, dated April 1, 1999, received April 22, 1999.
 11. RCWD Permit Files 99-62, 98-105, 98-99, 97-04, 90-149, 89-85, 89-37, and 81-109.

6/18/99

CKA

Permit Application No. 98-17: North Suburban Development, Inc.

12. Cash surety in the amount of \$5,000, received June 8, 1998 from North Suburban Development, Inc.

Findings: 1. Project involves construction of townhome development to be known as Oneka Lake View on a currently undeveloped site. Approximately 1,300 feet of roadway will be constructed to serve the development.

Runoff from the site will be routed to two new on-site detention ponds which provide rate control and water quality in accordance with District standards. The north pond is shared between Permit 98-105 (Oneka Lake View East) and discharges north via grassed swale and wetland to Sweetgrass Meadows Phase II (RCWD Permit 99-62). The south pond discharges south across Oneka Lake Boulevard.

2. NWI maps indicate the presence of Type II and VI/VII wetlands on site. The applicant proposes 400 sq ft of wetland impact for the phase of development south of Oneka Lake Boulevard (below de minimus exemption limit).
3. A revised Erosion Control Plan has been submitted specifying silt fence downslope of all graded areas, surrounding proposed ponds and riprap at all storm sewer outfalls.
4. The 100-year flood elevation for Clearwater Creek at Highway 61 is 930.0 and for Hardwood Creek at 157th Street N. is 927.1 (Applicant submittal). Flood Insurance Studies show a 100-year floodplain elevation of 932.0 for the area north of Oneka Lake Boulevard. The minimum proposed first floor elevation is 934.0 north of Oneka Lake Boulevard, thereby satisfying the District 2-foot freeboard requirement. The north and south pond high water levels will be 931.2 and 930.5, respectively.
5. Approximately 0.86 acre-feet of floodplain fill will result from this project. The current proposal is to excavate compensatory storage in new detention ponds. Compensatory floodplain storage is provided in each pond above the volume required for rate control.
6. 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 has been submitted.

6/18/99
CKA

Permit Application No. 98-17: North Suburban Development, Inc.

7. RCWD Permit 98-99 is for the first phase of Sweetgrass Meadows east of Oneka Lake View East. RCWD Permit Files 97-04, 90-149, 89-85, 89-37, and 81-109 were for projects within the Peloquin Industrial Park located approximately 1,000 feet west of the site.
8. This Permit was tabled in March 1998 for 14 issues regarding wetland and floodplain impact, stormwater management, and erosion control. This Permit was TWAFAA'd for Rough Grading Plan in June 1998 with issuance of Permit on June 16, 1998.

The permit was TWAFAA'd on October 28, 1998 for Phase I of site development; the plan has since been revised to include all phases. This permit was again TWAFAA'd on March 24, 1999 for five issues regarding first floor, erosion control, easements, and surety. The TWAFAA has since expired.

Board Action:

6/18/99
CKA

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

1. Completion of WCA 30-day comment period.
2. 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 (without handwritten easement edits).
3. Revised Erosion Control Plan specifying riprap at storm sewer outfalls.
4. Proof of title and signed/notarized WCA Deed Forms for Replacement Wetlands.
5. Narrative addressing off-site grading for Pond 4.
6. Overflow provisions for storm sewer outlets in Lot 1, Block 1; Lot 6, Block 3; and Lot 1, Block 6.
7. Wetland delineation report and Final Grading Plan for off-site replacement wetland including specification of MNDOT 15 seed mix for upland buffer.
8. Cash surety in the amount of \$40,000.

- 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.

6/18/99
CKA

Permit Application No. 98-25: North Suburban Development, Inc.

4. District Inspector to be contacted for preconstruction meeting prior to grading.

Location: Southwest corner of Lake Drive and Main Street (CSAH 14), Lino Lakes.

T-R-S: 31-22-8 a

Purpose: Approval of a Land Development Plan for a single and multi-family residential development to be known as Highland Meadows, 158 lots, 55± acres.

- Exhibits:
1. Permit Application, dated March 11, 1998, received March 12, 1998.
 2. Preliminary plat prepared by Caine and Associates Land Surveyors, Inc. (with handwritten easements), dated June 10, 1999, received June 10, 1999.
 3. Preliminary Drainage and Erosion Control Plan prepared by R. Nelson Engineering, dated June 10, 1999, received June 10, 1999.
 4. Preliminary drainage and wetland alteration summary prepared by R. Nelson Engineering, dated June 10, 1999, received June 10, 1999.
 5. Wetland delineation Report prepared by Earth Science Associates, Inc., dated February 1998, received March 12, 1999.
 6. Preliminary Wetland Replacement Plan prepared by R. Nelson Engineering, dated June 10, 1999, received June 10, 1999.
 7. Joint notification form, Replacement Plan application, and sequencing discussion prepared by Svoboda Ecological Resources, dated April 19, 1999, received April 19, 1999.
 8. Replacement Plan Application Addendum No. 1 prepared by Svoboda Ecological Resources, dated May 14, 1999, received May 14, 1999.
 9. Replacement Plan Application Addendum No. 2 prepared by Svoboda Ecological Resources, dated June 9, 1999, received June 10, 1999.
 10. Hydrologic calculations prepared by R. Nelson Engineering, dated June 8, 1999, received June 10, 1999.

6/18/99
CKA

Permit Application No. 98-25: North Suburban Development, Inc.

11. Copy of MPCA NPDES permit application, dated June 1, 1999, received June 10, 1999.
12. RCWD Permits 99-89, 99-85, 87-44, 81-67, 80-98, and 79-18.

Findings:

1. Project involves construction of a single family residential development on a site with five existing homes to be known as Highland Meadows. The development will consist of 106 single family residential and 52 multi-family units. Approximately 6,000 feet of roadway (unnamed) will be constructed to serve the development. RCWD Permit 99-89 is under consideration for Highland Meadows East, immediately to the east. Permit 99-85 is under consideration for 79th Street W. east of this site.
2. All roadway runoff will be routed to three new on-site detention ponds which are designed in accordance with District rate control and water quality treatment requirements.
3. This wetland delineation report identifies Type II and VII wetlands on site. This delineation was reviewed by District staff on April 8, 1999. The Grading Plan has been revised per this field review. The site contains three Type II wetlands and a drainage ditch. Proposed impact includes 2.27 acres of Type II wetland fill and 0.65 acres of excavation.

Proposed replacement includes:

- 0.23 acres of new wetland credit (NWC) on site.
 - 2.69 acres of NWC north of this site.
 - 1.51 acres of public value credit.
 - 0.36 acres of upland buffer.
4. A revised Erosion Control Plan has been submitted specifying silt fence downslope of graded areas, silt fence around proposed ponds and wetlands, and bale checks in the ditch at the southeast corner of the site.
 5. Proposed first floor elevations satisfy District 2-foot freeboard requirement over all local pond flood elevations.

Identification of pond and wetland emergency overflow routes and elevations is required to verify 1-foot overflow freeboard requirement.

6/18/99
CKA

Permit Application No. 98-25: North Suburban Development, Inc.

6. A revised 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 is required eliminating handwritten edits.
7. RCWD Permit 87-44 was reviewed for Twilight Acres located immediately east of the site. Permit Files 81-67, 80-98, and 79-18 were for Carroll's Estates located immediately south of the site.
8. This permit was tabled on March 25, 1998 for 13 issues regarding stormwater management, wetland impact, and erosion control.

Board Action:

6/18/99
CKA

Recommendation: Approval.

Location: One-half mile east of Highway 61 and north of Oneka Lake Boulevard, Hugo.

T-R-S: 31-21-20 aaa and 31-21-17 ddd

Purpose: Approval of a Land Development Plan for a multi-family residential development to be known as Oneka Lake View East, 27 lots, 54 units, 9± acres.

- Exhibits:
1. Permit Application, dated August 10, 1998, received August 13, 1998.
 2. Grading, Drainage, and Erosion Control Plan prepared by North Suburban Development, Inc., last revised March 29, 1999, received June 10, 1999.
 3. Drainage design calculations prepared by North Suburban Development, Inc., dated March 10, 1999, received March 10, 1999.
 4. Revised wetland delineation memorandum prepared by Kenneth E. Meek, dated June 8, 1998, received August 13, 1998.
 5. Wetland impact analysis prepared by Ken Gust, dated July 30, 1998, received August 13, 1998.
 6. Preliminary plat prepared by Caine and Associates, undated, received April 6, 1999.
 7. RCWD Permit Files 99-62, 98-99, and 98-17.
 8. Utility Plans prepared by Ken Gust Enterprises, last revised March 29, 1999, received April 6, 1999.
 9. Cash surety in the amount of \$3,000, received September 14, 1998 from North Suburban Development.
 10. Additional cash surety in the amount of \$2,000 received April 7, 1999 from North Suburban Development.

- Findings:
1. The project involves the construction of a multi-family residential development on a currently undeveloped lot to be known as Oneka Lake View East. Approximately 1,400 feet of roadway will be constructed to serve the project.

6/18/99
CKA

Permit Application No. 98-105: North Suburban Development, Inc.

2. Site runoff is routed to two new detention ponds which provide rate control and water quality in accordance with District standards. The north pond is shared with Permit 98-17: Oneka Lake View and discharges via grassed swale and wetland north to Sweetgrass Meadows Phase II (RCWD Permit 99-62). The south pond discharges via storm sewer south across Oneka Lake Boulevard to Rice Lake.
3. An Erosion Control Plan has been submitted.
4. Floodplain fill below Oneka Lake's flood level of 932.0 (FIS) is not proposed. Pond high water levels for the north and south ponds will be 931.2 and 930.3, respectively. Proposed first floor elevations are 934.0, satisfying the District's 2-foot freeboard requirement.
5. A preliminary plat with satisfactory form and description granting ponding and flowage easements extending up to pond high water levels and covering all storm sewer collection points has been submitted.
6. RCWD Permit 98-99 was issued for the Sweet Grass Meadows development located directly east of the site.
7. A Rough Grading Plan was issued for the site on September 14, 1998. This permit (Land Development Plan) was TWAFAA'd on March 24, 1999 for easements, first floor, pond outlets, and surety. The TWAFAA has since expired.

Board Action:

6/18/99
CKA

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

1. Clarification of normal water level elevations for proposed ponds with respect to proposed outlet structures.
2. Pond dead storage calculations for 2.5-inch storm event.
3. Completion of WCA 30-day comment period.
4. Proof of title and signed/notarized WCA deed forms for replacement wetlands.
5. Revised Erosion Control Plan providing silt fence between non-filled wetland boundaries and mitigation areas.
6. Permit Application signed by Successful Bidder.
7. Cash surety in the amount of \$11,500.

- Stipulations:
1. The replacement wetland approved as part of this permit shall be constructed concurrent or prior to any wetland fill activity.
 2. The Declaration of Restrictions and Covenants for replacement wetland shall be properly filed and recorded prior to any wetland fill activity.
 3. The permittee shall submit a monitoring report on the replacement wetland to RCWD which includes the information specified in Minnesota Rules 8420.0620 each year for five years following completion of the replacement wetland. The report shall be submitted no later than November 15 of each year.
 4. District Inspector to be contacted for preconstruction meeting prior to grading.

6/18/99
CKA

Permit Application No. 99-58: Successful Bidder, City of Blaine
(To be Selected)

Location: Flanders Street N.E., north of 101st Avenue, Blaine.

T-R-S: 31-23-22 c and d

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration for reconstruction of Flanders Street, 2,900± linear feet.

- Exhibits:
1. Permit Application, unsigned, dated April 12, 1999, received April 15, 1999.
 2. Construction Plans (16 sheets) prepared by Blaine Engineering Department, dated May 6, 1999, received June 8, 1999.
 3. WCA Wetland Replacement Plan Application prepared by City of Blaine, undated, received June 8, 1999.
 4. RCWD Permits 98-157 and 94-59.

- Findings:
1. Proposed project entails reconstruction of Flanders Street N.E. north of 101st Avenue to a two-lane curb and gutter roadway and realignment of the southern 500± linear feet.
 2. Proposed Stormwater Management Plan routes roadway runoff to three new detention ponds. These ponds, in turn, discharge to ACD 53-62. It is unclear if proposed ponds are designed in accordance with District standards for water quality treatment. Clarification of pond's normal water level, outlet structure detail, and dead storage calculations are required.
 3. RCWD Permit 98-157 was reviewed for an industrial site east of Flanders Street north of 101st Avenue. RCWD Permit 94-59 was issued for sanitary sewer and watermain between 85th Avenue and 125th Street. The wetland delineations submitted with above projects cover the Flander's Street corridor.

Proposed plans include 8,050± square feet of fill within two wetland basins at station 1.5 and station 28.

Proposed mitigation includes 13,970 sq ft of new wetland creation west of proposed realignment.

6/18/99
CKA

Permit Application No. 99-58: Successful Bidder, City of Blaine
(To be Selected)

4. A revised Erosion Control Plan has been submitted specifying silt fence along wetland boundaries, riprap at storm sewer outfalls, an implementation schedule, and revegetation specifications.
5. This permit was tabled on April 28, 1999 for 11 issues regarding water quality, wetland impact, and erosion control.

Board Action:

6/18/99
CKA

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

1. Narrative addressing flows into pond 5 from Oneka Lake View development (RCWD Permits 98-17 and 98-105).
2. Narrative addressing effect of proposed south wetland outlet with respect to existing runoff elevation (potential dewatering).
3. Proof of title and signed/notarized WCA deed forms for replacement wetlands.
4. 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.

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

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

6/18/99
CKA

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

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.
 3. Grading Plan prepared by Glen Rehbein Companies, last revised June 9, 1999, received June 9, 1999.
 4. Wetland Replacement Plan prepared by Glen Rehbein Companies, last revised June 9, 1999, received June 9, 1999.
 5. Hydrologic calculations prepared by Glen Rehbein Companies, undated, received May 3, 1999.
 6. Wetland Banking/Replacement Plan prepared by Earthscience Associates, Inc., dated May 1999, received April 30, 1999.
 7. Sweetgrass Meadows Phase I south wetland banking site regrading narrative prepared by Glen Rehbein Companies, dated May 7, 1999, received May 7, 1999.
 8. Conservation easement document prepared by ____, undated, received June 9, 1999.
 9. 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.

6/18/99
CKA

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

3. The wetland delineation report identifies two Type II wetlands on site.

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 for seven issues regarding stormwater management and wetland impact. The TWAFAA has since expired.

Board Action:

6/18/99
CKA

Permit Application No. 99-78: Pierce and Associates Design/Build, Inc. TWAFAA

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

~~1. Field verification by District staff of no wetland impact.~~

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

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

Location: Orchard Avenue, 1,500± feet west of Highway 61, White Bear Township.

T-R-S: 30-22-2 dac

Purpose: Approval of a Final Site Drainage Plan for a single family residence on a lot approximately 250 feet north of Bald Eagle Lake, 0.52± acres.

Exhibits: 1. Permit Application dated May 19, 1999, received May 13, 1999.
2. Site sketch prepared by Applicant, undated, received May 13, 1999.
3. RCWD Permit Files 99-88 and 97-148.

Findings: 1. Proposed project involves construction of a single family residence on a currently undeveloped lot approximately 250± feet from Bald Eagle Lake.

2. Rate control and water quality treatment will not be an issue because limited new impervious area is being created and all runoff will be overland flow across turfed areas.

3. The Site Plan indicates a small wetland on site. ^{DISTRICT INSPECTOR VERIFIED} There is no ~~apparent~~ ^{PROPOSED} impact to this wetland.

4. The proposed low floor elevation is specified at 915.8, 2.8 feet above the 100-year elevation of Bald Eagle Lake (913.0; 1998 Calibration Study) thereby satisfying District 2-foot freeboard requirement.

5. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas and along wetland boundaries.

6/18/99
CKA

Permit Application No. 99-78: Pierce and Associates Design/Build, Inc.

6. RCWD Permit 99-88 is currently under review for a single family residence riparian to Bald Eagle Lake. RCWD Permit 97-148 was reviewed for a single family residence riparian to Bald Eagle Lake.
7. This permit was tabled on May 26, 1999 for lack of complete application submittal.

Board Action:

6/18/99
CKA

Recommendation: Approval.

Stipulation: 1. Declaration of Restrictions for Impacted Wetland Under Agricultural Exemption is to be recorded and proof of recording submitted to the District.

Location: North of Main Street and west of 24th Avenue N., Lino Lakes.

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

Purpose: Approval of an after-the-fact Wetland Alteration Plan for agricultural land clearing and shaping activities, 20± acres.

- Exhibits:
1. Permit Application dated January 14, 1999, received May 18, 1999.
 2. Request for Certificate of Exemption Memorandum prepared by Kjolhaug Environmental Services Company, dated May 6, 1999, received May 17, 1999.
 3. Minnesota WCA Certificate of No Loss or Exemption Form, dated May 14, 1999, received May 17, 1999.
 4. Wetland description prepared by Metro Land Surveying and Engineering, dated April 29, 1999, received May 17, 1999.
 5. Declaration of Restrictions for Impacted Wetland Under Agricultural Exemption, dated May 14, 1999, received May 17, 1999.

Findings: 1. This project has resulted in 0.33± acres of fill in a Type VI wetland located in the southeast corner of the property. Wetland filling was completed on April 1, 1999. Based on review of aerial photographs for numerous years and Anoka County soil survey, Kjolhaug Environmental Services Company determined the size and type of wetland that had been filled.

WCA Chapter 8420.0122, Exemption Standards, subpart 1, states that "A replacement plan for wetlands is not required for activities in a Type II or VI wetland that is less than 2 acres in size and located on agricultural land."

No use of the impacted wetland other than as agricultural land is allowed by WCA for 10 years after the draining or filling unless the impacted wetland is first replaced under WCA regulations.

Board Action:

6/18/99
CKA

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

1. ~~Specification of Trench blocks spaced~~ ^{will be provided} at 150-foot intervals along 21st Avenue forcemain pipes.
 2. ~~Narrative addressing dewatering impacts to Clearwater Creek and wetlands during construction.~~
 - ① ~~β.~~ Permit Application signed by Successful Bidder.
 - ② ~~Α.~~ Cash surety in the amount of \$3,000.
- Stipulation:
1. District Inspector to be contacted prior to any soil-disturbing activities to finalize erosion control measures implemented at Clearwater Creek crossing.
 2. All wetlands affected by forcemain installation shall be restored to initial grades and reseeded with MnDOT seed mix 25 (or equivalent).
- ③

Location: 21st Avenue N. from Cedar Street to Northern Lights Boulevard and Cedar Street from 21st Avenue to Otter Lake Road, Lino Lakes.

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

Purpose: Approval of a Utility Plan for a forcemain for 2,600± linear feet of 21st Avenue N. and 1,400± linear feet of Cedar Street N.

- Exhibits:
1. Permit Application, unsigned, undated, received May 20, 1999.
 2. Construction Plans (10 sheets) prepared by TKDA, dated April 20, 1999, received May 20, 1999.
 3. Project manual prepared by TKDA, dated April 20, 1999, received May 20, 1999.
 4. RCWD Permit Files 99-75, 98-69, 97-12, 97-125, 97-141, 96-12, 87-51, and 83-55.

6/18/99
CKA

Permit Application No. 99-80: Successful Bidder, City of Lino Lakes
(To be Selected)

- Findings:
1. Proposed project involves forcemain construction for 2,600± linear feet of 21st Avenue N. and 1,400± linear feet of Cedar Street N., including the crossing of Clearwater Creek. RCWD Permit 98-69 was approved for watermain and sanitary sewer construction of 21st Avenue N. and the future Northern Lights Boulevard.
 2. The 21st Avenue crossing of Clearwater Creek will involve installation of pipe bends and jacking or augering 80 feet of pipe below Clearwater Creek. The submitted channel survey and the proposed forcemain cross section specifies approximately 7.9 feet of vertical separation which is greater than the Minnesota state statute required cover of depth (4.5 feet).
 3. The proposed forcemain passes through numerous wetlands riparian to Clearwater Creek. Trench blocks are to be specified at 150-foot intervals along the pipe.
 4. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas on steep slopes, seeding, and sodding.
 5. RCWD-tabled Permit 99-75 was reviewed for a future industrial site east of 21st Avenue. RCWD-approved Permits 97-12, 97-141, 96-12, 87-51, and 83-55 are for projects located along 21st Avenue.

Board Action:

6/18/99
CKA

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

1. A detailed Erosion Control Plan specifying silt fence downstream of graded areas, vegetation specifications, gravel construction entrance, and an implementation schedule.
2. Cash surety in the amount of \$1,500.

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

Location: North of County Road C-2 and west of Snelling Drive, Roseville.

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

Purpose: Approval of a Final Site Drainage Plan for redevelopment of a commercial site, 4.2± acres.

- Exhibits:
1. Permit Application dated June 1, 1999, received June 1, 1999.
 2. Site Plan prepared by Johnson, Sheldon, Sorensen, and Hafner Architects, Inc., undated, received June 1, 1999.
 3. Grading and Erosion Control Plan prepared by Ulteig Engineers, Inc., last revised December 15, 1998, received June 1, 1999.
 4. RCWD Permit Files 95-23 and 94-104.

- Findings:
1. Proposed project entails removal of existing Benjamin's Restaurant, a 7,000± square foot addition to an existing Country Inn and Suites hotel, and revised parking lot layout. The net result of the proposed project is a reduction in impervious area.
 2. The project area was included in the Drainage Plan for the Lincoln Drive roadway extension project approved under RCWD Permit 94-104. Therefore, District rate control and water quality treatment requirements are not an issue.

6/18/99
CKA

Permit Application No. 99-82: Eagle Crest LLC

3. A detailed Erosion Control Plan is required specifying silt fence downstream of graded areas, revegetation specifications, a rock construction entrance, and an implementation schedule.
4. RCWD-approved Permit 95-23 was reviewed for a commercial development immediately to the south of the site known as Room and Board.

Board Action:

6/18/99
CKA

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

1. Specification of garage low floor to be at least 901.6.
2. Cash surety in the amount of \$250.

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

Location: 1781 Main Street, Centerville.

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

Purpose: Approval of a Final Site Drainage Plan for a 1,000± square foot addition to existing garage, 6.5± AC.

- Exhibits:
1. Permit Application dated June 3, 1999, received June 4, 1999.
 2. Certificate of Survey prepared by Milner Carley & Associates, last revised October 13, 1977, received June 4, 1999.

- Findings:
1. Proposed project entails construction of a 1,000± square foot garage addition 150± feet from Clearwater Creek.
 2. District rate control and water quality treatment requirements are not an issue because limited new impervious area is being created and all runoff will remain as overland flow.
 3. NWI maps do not indicate the presence of wetlands on site.
 4. The flood elevation for Clearwater Creek upstream of Main Street is 899.6 (1993 Clearwater Creek Flood Reduction Study). Plans are to specify that the garage floor elevation is to be at least 901.6 in order to satisfy the District's 2-foot freeboard requirement.
 5. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas. District Inspector is to be contacted prior to land-disturbing activities to finalize erosion control measures.

Board Action:

6/18/99
CKA

Recommendation: Table ^{WAFAA} pending receipt of:

- 1. ~~Location map showing property limits and wetland alteration.~~
- 2. ~~Site map specifying:~~
 - Existing conditions
 - Excavation areas
 - Ditch maintenance areas
 - Spoil locations
 - Erosion control measures
- ① ~~X.~~ ^{Quantification of} Field verification by District staff of no wetland impacts AS A and satisfactory spoil locations. ^{RESULT OF PROPOSED}
- ② ~~A.~~ Existing and proposed ditch profiles.
- ③ ~~X.~~ Cash surety in an amount to be determined.

Location: 5756-165th Street N., Hugo.

T-R-S: 31-21-8 a and b

Purpose: Approval of a Wetland Alteration Plan for excavation within existing pond and ditch maintenance along ~~an unspecified length~~ of Clearwater Creek Branch 3, 20± AL. ^{PRIVATE TRIBUTARY}

Exhibits: 1. Permit Application dated May 21, 1999, received May 28, 1999.

2. ^{SITE SKETCH PREPARED BY APPLICANT, UNDATED, REC'D 6/22/99.}

Findings: 1. According to Permit Application narrative, Applicant proposes to excavate an existing pond and to maintain ~~ditch~~ Clearwater Creek Branch 3.

^{↳ a PRIVATE DRAINAGE SWALE TRIBUTARY TO}

2. ~~A location map and site map are required for review.~~ The site map is to specify the following: ^{SPECIFIES}

- Existing conditions
- Proposed excavation areas
- Proposed ditch maintenance areas
- Spoil locations
- Erosion control measures

Board Action: 3. ^{ACCORDING TO ONSITE MEETING W/ DISTRICT INSPECTOR,} PROPOSED SPOIL LOCATION IS WITHIN AN EXISTING WETLANDS AREA.

6/18/99
CKA

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

1. Hydrologic calculations demonstrating that existing pond north of 79th Street east of Nancy Place is sized adequately for District rate control and water quality treatment requirements.
2. Narrative addressing Nancy Place Pond discharge location and downstream impacts of proposed increase in runoff rate and volume.
3. Narrative addressing water quality treatment for Main Street reconstruction runoff.
- ~~4. Field verification by District staff of no wetland impacts associated with the project.~~
- ④. An Erosion Control plan specifying where silt fence will be placed, where seeding and/or sodding will be utilized, and an implementation schedule.
- ⑤. Permit Application signed by Successful Bidder.
- ⑥. Cash surety in the amount of \$5,500.

Location: Lake Drive from 77th Street to Main Street, 79th Street west of Lake Drive, and Main Street from Nancy Drive to Lake Drive, Lino Lakes.

T-R-S: 31-23-8 a,d
31-23-9 bbb

Purpose: Approval of a Street and Utility Plan for 4,500± linear feet of Lake Drive, 1,750± linear feet of Main Street, and 925± linear feet of 79th Street.

- Exhibits:
1. Permit Application, undated, unsigned, received June 8, 1999.
 2. Construction Plans prepared by SEH, Inc., dated March 5, 1999, received June 8, 1999.
 3. Project manual prepared by SEH, Inc., dated February 5, 1999, received June 8, 1999.
 4. RCWD Permit Files 99-89, 98-25, 89-113, 87-44, 81-127, 81-67, 80-98, 79-98, and 79-18.

6/18/99
CKA

- Findings:
1. Proposed project entails:
 - 4,500± linear feet of sanitary sewer and watermain construction along Lake Drive from 76th Street to Main Street.
 - 1,750± linear feet of sanitary sewer, watermain, and street reconstruction of Main Street west of Lake Drive.
 - 925± linear feet of sanitary sewer, watermain, and road construction (~~existing gravel~~) of 79th Street west of Lake Drive.
 2. District rate control and water quality treatment requirements are:
 - Not an issue along the Lake Drive segment of this project since no new impervious area will be created.
 - Not adequately addressed along the Main Street segment of this project since roadways will be reconstructed.
 - Not adequately addressed for the 79th Street segment of this project since this is new road construction. Proposed drainage patterns are such that all roadway runoff is routed to an existing pond north of 79th Street east of Nancy Place. Hydrologic calculations demonstrating that District rate control and water quality treatment requirements are satisfied by this pond are required for review.
 3. NWI maps do not indicate the presence of wetlands within the project corridor. There is also no creek or county ditch crossings within the project corridor.
 4. An Erosion Control Plan is required specifying silt fence downstream of graded areas, an implementation schedule, and revegetation specifications.
 5. RCWD Permits 99-89 and 98-25 are currently under consideration for the Highland Meadows East and Highland Meadows residential developments south of 79th Street and west of Lake Drive. RCWD Permit 89-113 was reviewed for commercial development south of Main Street and west of Lake Drive. RCWD Permits 87-44, 81-127, and 79-98 were reviewed for the Twilight Acres residential development north of 79th Street and west of Lake Drive. RCWD Permits 81-67, 80-98, and 79-18 were reviewed for Carroll's Estates residential development west of Lake Drive.

Board Action:

6/18/99
CKA

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

~~1. Field verification by District staff of no wetland fill and satisfactory spoil disposal site.~~

① ~~2.~~ Cash surety in the amount of \$250.

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

Location: 8555-202nd Street N., Forest Lake.

T-R-S: 32-21-23 c

Purpose: Approval of a Wetland Alteration Plan for excavation of a 9,000± square foot wildlife pond.

Exhibits: 1. Permit Application, dated June 7, 1999, received June 9, 1999.
2. Site sketch prepared by Applicant, undated, received June 9, 1999.

Findings: 1. Proposed project entails partial excavation of wetland of unspecified type to clean out a previously excavated wildlife pond and to expand the pond by approximately 9,000 square feet to a maximum depth of 4-5 feet.

Board Action:

② PER 6/23/99 ON-SITE MEETING W/ DISTRICT INSPECTOR, ALL SPOILS WILL BE PLACED ON AN UPLAND FIELD SOUTH EAST POND.

6/18/99
CKA

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

- 1. ~~Copy of wetland delineation report.~~
- 2. ~~Field verification by District staff of wetland boundaries.~~

② 3. Revised legal document with satisfactory form and description granting ponding and flowage easements over all on-site wetlands and other hydrologic features.

non-filled

A. Cash surety in the amount of \$500, rec'd from C. MICHALAK ON 6/21/99.

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

EXHIBIT # 6

Location: 1203 Edgewater Avenue, Arden Hills.

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

Purpose: Approval of Final Site Drainage Plan and a Wetland Alteration Plan for a single family residence, 0.55± acres.

- Exhibits:
- 1. Permit Application, dated June 9, 1999, received June 10, 1999.
 - 2. Certificate of Survey prepared by Carley-Torgersen, Inc., Land Surveyors, dated June 8, 1999, received June 10, 1999.
 - 3. Project narrative prepared by Applicants, undated, received June 10, 1999.

WETLAND DELINEATION / SOIL REPORT PREP. BY PROFESSIONAL ENG.

4. Easement document prepared by David E. Torgersen, undated, received June 10, 1999.

CONSULTANT INC., DATED 6/10/99, REC'D 6/21/99.

5. RCWD Permits 93-119, 84-81, and 83-74.

Findings: 1. Proposed project involves construction of a single family residence on a currently undeveloped lot.

2. Rate control and water quality treatment will not be an issue as limited impervious area is being created.

Permit Application No. 99-87: Cynthia Michalak and Jeanne Vergeldt

3. The Certificate of Survey identifies wetland covering approximately the east 90% of the site. ~~A wetland delineation report is required.~~ The wetland delineation boundary has been field verified by District Inspector. The Certificate of Survey identifies 338 square feet of fill within this wetland. This amount of fill is below the WCA deminimus in Ramsey County for all types of wetlands (2,000 square feet of Type I, II, VI, and VIII; 400 square feet of Type III, IV, and V).
4. The 100-year elevation established under Permit 93-119 for the on-site wetland is 886.0. The proposed lowest floor elevation is 894.8, satisfying the District's 2-foot freeboard requirement.
5. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas along perimeter of nonfilled wetland areas. District Inspector is to be contacted prior to land-disturbing activities to finalize erosion control measures.
6. ~~The draft easement document does not cover the wetland areas as specified on the Certificate of Survey.~~ A revised legal document ~~has been submitted~~ with satisfactory ~~form and~~ description granting ponding and flowage easements over all ^{non-filled} on-site wetlands and other hydrologic features ~~is required.~~
7. RCWD withdrawn Permit 93-119 was reviewed for a previous proposal at this site. RCWD Permits 84-81 and 83-74 were reviewed for a single family residence northwest of the site.

Board Action:

6/18/99
CKA

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

① REVISED PLAN SATISFYING MNOWR GENERAL DEVELOPMENT SETBACK FROM OHW (911.0) REQUIREMENT OR PROOF OF CITY/DNR VARIANCE APPROVAL.

1. ~~Specification of low floor to an elevation of at least 915.0.~~

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

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

Location: South of 120th Street northwest of Bald Eagle Point, White Bear Township.

T-R-S: 30-22-2 abba

Purpose: Approval of Final Site Drainage Plan for a single family residence riparian to Bald Eagle Lake, 0.9± acres.

- Exhibits:
1. Permit Application, dated May 21, 1999, received June 10, 1999.
 2. CERTIFICATE OF SURVEY
~~Site sketch~~ prepared by Applicant, undated, received June 10, 1999. ^{6/18}
E.G. RUD & SONS, DATED 6/17/99
 3. RCWD Permits 99-78, 97-148, 91-156, 91-155, 90-166, 89-02, 88-149, 87-07, 86-32, 85-57, 84-53, 83-26, 83-12, 82-121, and 76-122.

- Findings:
1. Proposed project involves construction of a single family residence on a currently undeveloped lot riparian to Bald Eagle Lake.
 2. Rate control and water quality treatment will not be an issue as limited new impervious area is being created and all runoff will be routed overland across turfed areas prior to entering Bald Eagle Lake.
 3. NWI does not indicate the presence of wetlands on site.
 4. The flood elevation for Bald Eagle Lake is 913.0 (1998 Calibration Study). The ~~Site Plan is to specify~~ proposed low floor ~~to an~~ elevation of ~~at least 915.0 in order to satisfy~~ the District's 2-foot freeboard requirement.
^{CERTIFICATE OF SURVEY SPECIFIES}
_{921.3, 8.3 FEET ABOVE BALD EAGLE LAKE FLOOD ELEVATION, THEREBY SATISFYING}

6/18/99
CKA

Permit Application No. 99-88: TJP Construction, Inc.

⑥. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas. District Inspector is to be contacted prior to land-disturbing activities to finalize erosion control measures.

⑦. RCWD Permit 99-78 is currently under consideration for a single family residence riparian to Bald Eagle Lake on Orchard Avenue. RCWD Permits 91-156, 91-155, and 86-32 were reviewed for shoreline improvements on Bald Eagle Lake. Permits 97-148, 90-166, 89-02, 88-149, 87-07, 85-57, 84-53, 83-26, 83-12, 82-121, and 76-122 were reviewed for construction of single family residences riparian to Bald Eagle Lake.

Board Action:

⑤ PLANS ARE TO BE REVISED SUCH THAT PROPOSED BUILDING SETBACK MEETS MNONR GENERAL DEVELOPMENT 75-FOOT SETBACK (50-FOOT SETBACK IF SEWERED) REQUIREMENT FROM OHW OF BALD EAGLE LAKE (911.0; DNR) OR PROOF OF CITY / DNR VARIANCE APPROVAL .

6/18/99
CKA

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

1. Narrative addressing pond sizing relative to rate control and water quality requirements for future development of Outlots A and B.
2. Revised Erosion Control Plan specifying revegetation specifications.
3. Cash surety in the amount of \$2,500.

Stipulation: Development of Outlots A and B will require further review and permitting by the District.

Location: South of 79th Street W. and west of Lake Drive, Lino Lakes.

T-R-S: 31-22-8 adb

Purpose: Approval of Land Development Plan for a single family residential development to be known as Highland Meadows East, 7 lots, 6.4± acres.

- Exhibits:
1. Permit Application, dated June 10, 1999, received June 10, 1999.
 2. Preliminary plat prepared by Caine and Associates Land Surveyors, Inc., dated June 10, 1999, received June 10, 1999.
 3. Grading and Drainage Plan prepared by R. Nelson Engineering, dated June 9, 1999, received June 10, 1999.
 4. Wetland delineation report prepared by Svoboda Ecological Resources, dated June 7, 1999, received June 10, 1999.
 5. Hydrologic calculations prepared by R. Nelson Engineering, dated June 7, 1999, received June 10, 1999.
 6. Infiltration checklist and worksheet prepared by R. Nelson Engineering, undated, received June 10, 1999.
 7. RCWD Permit Files 99-85, 98-25, 87-44, 81-127, 81-67, 80-98, 79-98, and 79-18.

Permit Application No. 99-89: North Suburban Development, Inc.

- Findings:
1. Proposed project entails subdivision of parcel with two existing homes into a 7-lot single family residential development and 2 outlots (future multifamily and commercial developments).

RCWD Permits 99-85 and 98-25 are currently being reviewed for 79th Street W. construction north of the site and for Highland Meadows immediately west of this site, respectively.

2. Project includes excavation of a pond designed in accordance with District rate control and water quality treatment requirements. The pond discharges west to an existing wetland on the Highland Meadows site currently under review as Permit 98-25.
3. The wetland delineation report does not identify any wetlands on site.
4. Proposed project has incorporated adequate infiltration practices via routing of runoff from impervious areas overland to an infiltration basin upstream of the proposed pond.
5. The 100-year and emergency overflow elevations of the proposed pond are 904.2 and 904.5, respectively. The minimum proposed first floor elevation is 906.3, 2.1 and 1.8 feet above the pond's 100-year and emergency overflow elevations, respectively, thereby satisfying District 2-foot freeboard and 1-foot emergency overflow freeboard requirements.
6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas and around graded pond and an implementation schedule. A revised Erosion Control Plan specifying revegetation specifications is required.
7. A preliminary plat has been submitted with satisfactory form and description granting ponding and flowage easements over all on-site hydrologic features.
8. RCWD Permits 87-44, 81-127, and 79-98 were reviewed for various phases of Twilight Acres immediately north of the site. RCWD Permits 81-67, 80-98, and 79-18 were reviewed for Carroll's Estates south of 98-25.

Board Action:

6/18/99
CKA

Recommendation: Table pending receipt of:

1. Revised Stormwater Management Plan addressing District rate control and water quality treatment requirements for proposed and future site development.
2. Revised Erosion Control Plan specifying an implementation schedule and revegetation specifications.
3. Cash surety in the amount of \$2,500.

Location: 1,000 feet south of 1st Street S.W. and west of I-35W, New Brighton.

T-R-S: 30-23-32 addd

Purpose: Approval of Final Site Drainage Plan for an industrial site, 2.1± acres.

- Exhibits:
1. Permit Application, dated June 10, 1999, received June 10, 1999.
 2. Minor Subdivision Plan prepared by E. G. Rud and Sons, Inc., last revised May 24, 1999, received June 10, 1999.
 3. Site Plan prepared by K.K. Design, dated June 10, 1999, received June 10, 1999.
 4. Preliminary Grading and Drainage Plan prepared by Rehder and Associates, Inc., dated June 10, 1999, received June 10, 1999.
 5. Infiltration worksheet prepared by Rehder and Associates, Inc., undated, received June 10, 1999.
 6. RCWD Permit Files 96-156, 92-90, and 82-115.

- Findings:
1. Proposed project entails construction of a 0.1± acre building and 1.2± acres of parking area. The site is located approximately 500 feet east of Jones Lake.
 2. As proposed, the project does not provide for District rate control or water quality treatment requirements. Since the project is within 1,000 feet of a public water and creates more than 1 acre of new impervious area, District rate control and water quality treatment requirements are to be met.

6/18/99
CKA

Permit Application No. 99-90: Zephyr Group, LLP

3. NWI maps do not indicate the presence of wetlands on site.
4. Project has incorporated adequate infiltration practices via grassed swales with railroad tie check dams along the entire west property line (500± linear feet).
5. The proposed building low floor elevation is 916.5, 19.5 feet above the flood elevation for Jones Lake (1998 Calibration Study), thereby satisfying District 2-foot freeboard requirement.
6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas. The revised Erosion Control Plan specifying an implementation schedule and revegetation specifications is required.
7. RCWD Permit 96-156 was reviewed for a parking lot addition northwest of the site. RCWD Permit 92-90 was reviewed for a commercial site immediately north of this site. RCWD Permit 82-115 was reviewed for a building addition at 401-1st Street S.W.

Board Action:

6/18/99
CKA

Recommendation: Table pending receipt of:

1. Revised Stormwater Management Plan addressing District rate control and water quality treatment requirements.
2. Incorporation of infiltration practices. Items to be submitted include infiltration checklist with supporting documentation, worksheet, and effective pervious area map.
3. Specification of flood level for wetland south of site.
4. Specification of first floor elevation providing 2 feet of freeboard above adjacent 100-year flood level.
5. Cash surety in the amount of \$1,500.

Location: South of County Road E-2 and 250 feet west of I-35W, New Brighton.

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

Purpose: Approval of an after-the-fact Final Site Drainage Plan and an after-the-fact Wetland Alteration Plan for a gas station, 1.2± acres.

- Exhibits:
1. Permit Application, dated June 10, 1999, received June 10, 1999.
 2. Project narrative prepared by Braun Intertec, dated June 10, 1999, received June 10, 1999.
 3. Wetland delineation report prepared by Braun Intertec, dated June 10, 1999, received June 10, 1999.
 4. Grading, Drainage, Erosion Control, and Utility Plan prepared by Hakanson Anderson Associates, Inc., last revised February 23, 1999, received June 10, 1999.
 5. Permit Application 98-121.

- Findings:
1. Project entails redevelopment of an abandoned gas station site. Although the site is less than 2.5 acres, it is within 1,000 feet of DNR Protected Wetland 190W. The site is currently under construction.

6/18/99
CKA

Permit Application No. 99-91: John Richmond

2. As proposed, the project does not address District rate control, water quality treatment, or infiltration practices.
3. In order to install four underground petroleum storage tanks on the southwest corner of the site, the contractor dewatered an offsite wetland to alleviate flooding of the excavation pit. No filling or excavating within this wetland is proposed and therefore, no permanent impacts are anticipated.
4. An Erosion Control Plan has been submitted specifying a rock construction entrance, silt fence downstream of graded areas, implementation schedule, and revegetation specifications.
5. The City of New Brighton has proposed a regional pond south of the site under RCWD Permit 98-121 to alleviate recurring flooding problems south of County Road E-2. ~~To date, this permit has not~~ ^{been} issued, ~~on~~ ^{on} 6/18/99.

Board Action:

6/18/99
CKA

Recommendation: Table ^{WAFAA} pending receipt of:

- ① Revised Stormwater Management Plan providing for District 1- or 2-year event rate control.
- ② Field verification by District staff of wetland delineation, ~~and further review by District staff of Wetland Basin "C" WCA exemption status.~~
- ~~3. WCA Wetland Alteration Permit Application, and Wetland Replacement Plan for:
 - ~~4,275~~ 5,920 square feet of fill (if Wetland C is determined NOT to be exempt from WCA).~~
- ~~586 square feet of wetland fill if Wetland C IS determined to be exempt from WCA regulations, or~~
- ~~Revised Grading Plan limiting fill to 2,000 square feet.~~
- ③ A. Narrative addressing additional use of vegetated swales in lieu of storm sewer.
- ④ B. Identification of Pond 2 emergency overflow route and stabilization measures, and specification of overflow elevation to at least 1 foot below the lowest proposed adjacent low floor elevation.
- ⑤ B. Specification of lowest floors on individual buildings.
- ⑥ A. ^{A 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.
- ⑦ B. Copy of MPCA NPDES, ~~and ACOE Wetland Alteration Permit Applications.~~ ^{PERMIT APPLICATION.}
- ~~9. Proof of Title and signed/notarized WCA Deed Forms for Replacement Wetlands (if necessary).~~
- ~~10. Completion of WCA 30 day comment period.~~

6/18/99
CKA

Permit Application No. 99-92: Land Holding Group

⑧ 1. Cash surety in ~~an~~^{the} amount ~~to be determined.~~^{of \$ 3,500.}

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

~~2. The Declaration of Restrictions and Covenants for Replacement 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: 500 feet north of 140th Street N. and west of Fenway Avenue N., Hugo.

T-R-S: 31-21-19 ddd

Purpose: Approval of a Land Development Plan and Wetland Alteration Plan for a multifamily residential development to be known as Eagle View Meadows, 19 buildings, 76 units, 9.5± acres.

- Exhibits:
1. Permit Application, dated June 10, 1999, received June 10, 1999.
#. PRELIMINARY PLAT PREP. BY PLOWE ENG., LR 6/17/99, REC'D 6/18/99.
 2. Existing and proposed drainage area maps prepared by Plowe Engineering, Inc., undated, received June 10, 1999.
 3. Preliminary Grading and Erosion Control Plan prepared by Plowe Engineering, Inc., last revised June 10, 1999, received June 10, 1999.
6/17 6/18
 4. Wetland delineation report prepared by Peterson Environmental Consulting, Inc., dated July 22, 1998, received June 10, 1999.
#. WETLAND EXEMPTION LETTER PREP. BY BRBIT KOSTULIK (PREVIOUS LANDOWNER) DATED 6/22/99, REC'D 6/22/99.

6/18/99

CKA

Permit Application No. 99-92: Land Holding Group

5. Hydrologic calculations prepared by Plowe Engineering, Inc., dated June 10, 1999, received June 10, 1999.
6. Pond dead storage calculations prepared by Plowe Engineering, Inc., undated, received June 10, 1999.
7. Infiltration checklist and worksheet prepared by Plowe Engineering, Inc., undated, received June 10, 1999.
8. RCWD Permit Files 98-77, 94-36, 90-82, and 88-150.

Findings:

1. Proposed project entails 19 4-unit buildings, conversion of existing residence into a community center, and 1,575± liner feet of 24-foot wide roadway.
2. Proposed project includes excavation of two ponds designed in accordance with District water quality treatment requirements and rate control for the 100-year event. A revised Stormwater Management Plan is required providing for District rate control for the 1- or 2-year rainfall event.
3. The wetland delineation report identifies a Type II/III wetland basin (A) in the southwest corner which extends offsite, a small Type II basin (B) on the west-central portion of the site, and a small Type II basin (C) previously excavated wetland on the northwest portion of the site.

Proposed impact includes filling ⁶⁰⁰ 2,245 square feet of Basin A, 341 square feet of Basin B, and 5,334 square feet of Basin C for a total of 7,920 square feet of fill.

6,275

~~The Grading Plan identifies Basin C as exempt from WCA regulations. Further review by District staff of Wetland Basin C WCA exemption status is required.~~

IS A PREVIOUSLY EXCAVATED BASIN AND IS THEREFORE

The WCA de minimus exemption for a Type II wetland in Washington County is 2,000 square feet. ~~A Wetland Replacement Plan is required for the 5,920 square feet of wetland fill or for 586 square feet of fill if Basin C is determined to be exempt. Therefore~~ REMAIN NON-EXEMPT FILL (941 Sq. FT) IS NOT REQUIRED TO BE REPLACED.

6/18/99
CKA

Permit Application No. 99-92: Land Holding Group

4. Proposed plans have incorporated adequate infiltration practices via reduced street widths to 24 feet and a vegetated swale along south property boundary. Additional infiltration practices may include additional vegetated swales in lieu of storm sewer.
5. The 100-year and emergency overflow elevations of Pond 1 are 918.4 and 919.3, respectively. The lowest proposed first floor elevation of the buildings surrounding Pond 1 is 921.5, 3.1 feet and 2.2 feet above the pond's 100-year and emergency overflow elevations, thereby satisfying the District's 2-foot 100-year and 1-foot emergency overflow elevation freeboard requirements.

The 100-year elevation of Pond 2 is 920.7. The lowest proposed first floor elevation of buildings adjacent to Pond 2 is 923.0, 2.3 feet above the pond's 100-year elevation, thereby satisfying District 2-foot freeboard requirements. An emergency overflow route and stabilization measures are to be identified on the Grading Plan with a specified elevation of at least 1 foot below proposed adjacent first floor elevation.

The flood level for Bald Eagle Lake located 1.2 miles upstream is 913.0.

6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas, rock construction entrance, implementation schedule, and revegetation specifications.
7. ^{A 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 is required.
8. RCWD Permit 98-77 was reviewed for reconstruction of Fenway Avenue N. between 130th Street N. and 142nd Street N. RCWD Permit 94-36 was reviewed for the White Bear Meadows residential development northeast of the site. RCWD Permit 90-82 (renewed 88-150) was reviewed for the Sunny Creek Acres residential development east of the site.

Board Action:

6/18/99
CKA

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

1. Cash surety in the amount of \$500.
- (PER HULT) → 2. FIELD VERIFICATION BY DISTRICT STAFF OF NO WETLAND IMPACT.
Stipulation: District Inspector to be contacted prior to any soil-disturbing activities to finalize erosion control measures.

Location: 21690 North Fondant Avenue N., Forest Lake Township.

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

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

- Exhibits:
1. Permit Application, dated June 10, 1999, received June 11, 1999.
 2. Building location survey prepared by Hult and Associates, Inc., dated June 2, 1999, received June 11, 1999.
 3. RCWD Permit Files 98-43, 92-143, 91-140, and 90-138.

- Findings:
1. Proposed project involves construction of a single family residence on a currently undeveloped lot riparian to Clear Lake.
 2. Rate control and water quality treatment will not be an issue as limited new impervious area (0.08± acres) will be created and all runoff will be routed overland across turfed areas prior to entering Clear Lake.
 3. NWI does not indicate the presence of wetlands on the site.
 4. The flood elevation for Clear Lake is 891.3 (1998 Calibration Study). The proposed first floor elevation for the home is 893.5, 2.2 feet above Clear Lake's flood elevation, thereby satisfying the District's 2-foot freeboard requirement.
 5. The proposed building setback is 85± feet from Clear Lake, thereby satisfying the DNR's General Development Water setback of 75 feet from the OHW for lots with septic fields.

6/18/99
CKA

Permit Application No. 99-93: Kay Scheierl and Elizabeth Morley

6. An Erosion Control Plan has been submitted specifying silt fence downstream of graded areas. District Inspector is to be contacted prior to land-disturbing activities to finalize erosion control measures.
7. RCWD Permits 98-43 and 92-143 were reviewed for single family residences riparian to Clear Lake at 21199 Everton Avenue and 21620 Fondant Avenue N., respectively. RCWD Permit 91-140 was reviewed for Clear Lake bank repair at 21440 Fondant Avenue. RCWD Permit 90-138 was reviewed for a Wetland Alteration Plan for two driveway crossings east of this site.

Board Action:

6/18/99
CKA