

# OFFICIAL DISTRICT COPY

RICE CREEK WATERSHED DISTRICT

CONSENT AGENDA

OCTOBER 22, 1997



It was moved by CARDINAL and seconded by HAAKE 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 October 17, 1997. 4-0

\* 93-201 TWAFAA P.R.O

① PRETREATMENT MEASURES FOR WETLANDS



RICE CREEK WATERSHED DISTRICT

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\* To be presented

95-175 + SHERI RUF  
 97-125 GERALD REHBEIN  
 93-201 + ED VAUGHN

~~THIS~~ APP  
 TWAFAA  
 TWAFAA

Revised 10/22/97 1:00 PM

Permit Application No. 97-xx (93-201): Edward Vaughn

TWAFAA

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

1. Revised Grading Plan specifying full pretreatment measures prior to discharge to wetlands.

Location: Timberwolf Trail immediately southwest of Sherman Lake, Lino Lakes.

T-R-S: 31-22-27 aa

Purpose: Approval of renewal of RCWD Permit 93-201 for a Phase VIII (8) action for a Land Development Plan for a single family residential development to be known as Pheasant Hill Preserve, 226 lots, 186± acres.

- Exhibits:
1. RCWD Permit Files 93-201, 91-167, and 90-169. File 91-167 contains a cash surety in the amount of \$2,640.
  2. Grading Plan prepared by Louck & Associates, Inc., last revised October 13, 1997, received October 17, 1997
  3. Cash surety in the amount of \$1,000, received October 17, 1997 from Pheasant Hills Preserve.

- Findings:
1. A cash surety in the amount of \$2,640 is on file under RCWD File 91-166.
  2. Currently proposed drainage patterns do not match previously approved plans. Full water quality treatment prior to discharge to wetlands will be required.
  3. This is the fourth renewal of this permit.
  4. This permit includes all actions for Phase VIII (8).

Board Action:

10/17/97  
DSK

Permit Application No. 95-175: Sherri Ruf

APP  
TWAFAA

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

~~1. Full-sized Grading Plan outlining proposed mitigation areas.~~

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

Location: Southeast quadrant of Wooddale Drive and Longview Drive, Mounds View.

T-R-S: 30-23-7 dcac

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for construction of a single family residence, 0.9± acres.

- Exhibits:
1. Permit Application dated November 7, 1995, received November 9, 1995.
  2. Grading Plan approved by PEC, last revised October 21, 1997, received October 21, 1997.
  3. Wetland delineation report prepared by PEC, dated May 15, 1995, received November 9, 1995.
  4. WCA Replacement Plan application, dated November 9, 1995, received November 9, 1995.

10/17/97  
DSK

Permit Application No. 95-175: Sherri Ruf

5. Cash surety in the amount of \$1,900, received October 7, 1997 from Sherri Ruf.

Findings:

1. Applicant is proposing fill of 3,000 square feet of wetland to provide a suitable building place for a single family residence. The amount of fill has been minimized to that required to create a buildable lot.
2. An on-site mitigation area of 2,000 square feet (including WCA's 2,000 square foot de minimus exemption) involves removal of old fill from the wetland basin, and satisfies WCA's 2:1 replacement ratio.
3. The basement floor elevation is 893.0. Wetland edges delineated on the Grading Plan are shown between 892 and 893 so groundwater levels are most likely near 892.0. There is no 100-year floodplain for the site. The recommended lowest floor elevation per the city's local water management plan is 891.9.
4. This Permit Application was TWAFAA'd on November 22, 1995 for public comment and erosion control issues.

Board Action:

10/17/97  
DSK

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

1. Field verification by District staff of wetland boundaries.
2. ~~Specification of proposed first floor elevations (MSL datum) on Certificate of Survey.~~

Location: 4720-170th Street N., Hugo.

T-R-S: 31-21-6 cd

Purpose: Approval of a Land Development Plan for the subdivision of a 42± acre parcel.

- Exhibits:
1. Permit Application, dated August 12, 1997, received August 12, 1997.
  2. Certificate of Survey prepared by Carley-Torgerson, Inc., last revised October ~~7~~<sub>20</sub>, 1997, received October ~~13~~<sub>20</sub>, 1997.
  3. Legal easement document prepared by David Torgerson, dated August 27, 1997, received September 15, 1997.
  4. Wetland delineation report prepared by PEC, Inc., dated July 12, 1997, received October 13, 1997.
  5. Cash surety in the amount of \$500, received September 15, 1997 from Theresa Charpentier.

- Findings:
1. Project involves the subdivision of two 2.50-acre parcels from a single existing 42± acre lot. The 42± acre rural lot is currently developed with a single family residence and several farm buildings.
  2. NWI maps indicate the presence of several Type III/V/VI wetlands on site. A wetland delineation report has been submitted.
  3. An Erosion Control Plan has been submitted specifying silt fence downslope of graded areas.
  4. A legal document with satisfactory form and description granting easements over all on-site wetlands and other hydrologic features has been submitted.

10/17/97

DSK

Permit Application No. 97-102: Emanuel Colonna

5. The FIS flood elevation is 915.0 for the unnamed lateral to Hardwood Creek located immediately north of the site. The proposed first floor elevation (MSL datum) ~~has not been identified.~~  
L WILL BE 930.5.
6. This Permit Application was tabled on August 27, 1997 for issues relating to easements, first floor elevation, and erosion control.

Board Action:

10/17/97  
DSK

Permit Application No. 97-113: Royal Oaks Realty

TWAFAA  
~~TAB~~

Recommendation: Table <sup>TWAFAA</sup> pending receipt of:

1. Revised Grading Plan specifying rate control measures in center pond.
2. Revised preliminary plat granting easements over east ponding area.
3. Cash surety in the amount of \$7,000.

Stipulation: An MPCA NPDES permit application shall be submitted immediately following contractor selection.

Location: Southeast corner of Silver Lake Road and Highway 10, Mounds View.

T-R-S: 30-23-6 dccd

Purpose: Approval of a Final Site Drainage Plan for the construction of a housing and commercial development to be known as Silver View Estates, 13± acres.

- Exhibits:
1. Permit Application, dated August 14, 1997, received August 14, 1997.
  2. Preliminary Grading and Erosion Control Plan prepared by Charles W. Plowe Engineering, last revised October 9, 1997, received October 9, 1997.
  3. Preliminary plat prepared by Charles W. Plowe Engineering, dated August 14, 1997, received August 14, 1997.
  4. Runoff calculations prepared by Charles W. Plowe Engineering, dated September 11, 1997, received September 11, 1997.
  5. Wetland delineation report prepared by Arlig Environmental, Inc., dated May 23, 1997, received August 14, 1997.
  6. RCWD Permit Files 97-111, 94-93, 90-04, 86-159, 84-30, 83-152, 81-82, 81-25, and CSMP 82C01.

10/17/97  
DSK

Permit Application No. 97-113: Royal Oaks Realty

- Findings:
1. Project involves the construction of a senior housing and commercial development on a currently partially developed site. RCWD-approved Permits 86-159, 84-30, 81-82, and 81-25 were issued for various office developments on the current property. Additionally, RCWD-approved Permits 94-93, 90-04, and 83-152 were issued for various developments south of the property. Permit 97-111 is located immediately north across Highway 10. The site is also located within CSMP 82C01 which does not provide rate control or water quality benefits for developing sites.
  2. Approximately 90% of site runoff will be routed to three new on-site detention ponds which provide water quality treatment in accordance with District standards. Rate controls for two of the ponds have been provided. These ponds outlet to an on-site wetland designated as DNR Protected Wetland 258W. The Applicant will use the DNR wetland for a small portion of the site's rate control. Peak discharges and flood level increases in the wetland as a result of the project are negligible. Additionally, the downstream receiving channel passes through a park and regional pond providing excess storage.
  3. No wetlands will be filled as a result of this project.
  4. An Erosion Control Plan has been submitted specifying silt fence between graded areas and the DNR Protected Wetland and between graded areas and ponds, riprap at all storm sewer outfalls, and bale checks within the north drainage swale.
  5. The FIS flood elevation for the DNR protected wetland is 905.0 (Zone A1). The Applicant's hydrologic model predicted a controlling flood elevation of 909.7 for the west pond. The currently proposed minimum first floor elevation is 910.0 (the garage is to be set at 906.5 but is protected by a berm with no surface flooding potential), satisfying the District's nonregulatory floodplain freeboard requirement.
  6. A preliminary plat has been submitted granting easements over the west and center ponds and the on-site wetland. The plat will need to be revised to include the entire east pond.
  7. This Permit Application was tabled on August 27, 1997 for issues relating to stormwater management, easements, and erosion control.

Board Action:

10/17/97  
DSK

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

1. Impact on wetland mitigation area water quality as a result of alterations to existing stormwater pond at southeast mitigation site corner.
2. Revised Wetland Replacement Plan including detailed Mitigation Grading Plan identifying created wetland and Public Value Credit limits.
3. A revised Erosion Control Plan specifying:
  - Grading Plan: Bale checks or check dams within easterly swale.
  - Mitigation Plan: Erosion control implementation schedule (on Mitigation Grading Plan).
4. Elimination of mitigation wetland runoff at existing 18-inch CMP removal location.
5. Cash surety in the amount of \$30,000.

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

Permit Application No. 97-125: Gerald Rehbein

Location: Grading: South of Main Street between 21st Avenue S. and southbound I-35E entrance ramp, Lino Lakes.

Mitigation: Immediately northwest of the intersection of Cedar Street and Otter Lake Road, Centerville.

T-R-S: Grading: 31-22-24 bd,ca  
Mitigation: 31-22-23 dd

Purpose: Approval of a Rough Grading Plan and Wetland Alteration Plan for preliminary grading for the Clearwater Creek Commercial Park, 118± acres.

- Exhibits:
1. Permit Application dated September 11, 1997, received September 10, 1997.
  2. Rough Grading Plan prepared by Metro Land Surveying, dated October 8, 1997, received October 9, 1997.
  3. Wetland Mitigation Plan prepared by Metro Land Surveying, dated October 8, 1997, received October 9, 1997.
  4. Existing Conditions Grading Plan prepared by Metro Land Surveying, dated October 8, 1997, received October 9, 1997.
  5. Copy of MPCA NPDES permit application, received September 11, 1997.
  6. Project narrative prepared by Rani Engineering, Inc., dated September 11, 1997, received September 11, 1997.
  7. Wetland Replacement Plan and sequencing narrative prepared by Kjolhaug Environmental Services, Inc., dated September 12, 1997, received September 12, 1997.
  8. Wetland delineation report prepared by Kjolhaug Environmental Services, Inc., dated September 12, 1997, received September 12, 1997.
  9. Project narrative prepared by Paramount Engineering, dated October 8, 1997, received October 9, 1997.

10/17/97  
DSK

Permit Application No. 97-125: Gerald Rehbein

10. Mitigation site narrative prepared by Gerald Rehbein, dated October 9, 1997, received October 9, 1997.
11. Wetland design narrative prepared by Kjolhaug Environmental Services Company, dated October 8, 1997, received October 9, 1997.
12. Permit Files 87-51, 86-18, 94-11, 76-98, 75-16, 74-10, and 74-01.

Findings:

1. Project involves grading of the northern half of the site to be ultimately developed as the Clearwater Creek Commercial Park. Site grading will be limited to the northern 850 feet of the site and a temporary sedimentation basin which will collect drainage from regraded areas prior to discharge and overland flow to Clearwater Creek located approximately 1,000 feet south. A regional pond adjacent to and off-line from Clearwater Creek will eventually be constructed providing rate control and water quality treatment for site.
2. Approximately 2.41 acres of wetland impacts will result from the entire project. The Applicant has provided wetland mitigation on a property located within the SE1/4 of the SE1/4 of Section 23 in Centerville immediately northwest of the intersection of Cedar Street and Otter Lake Road. Approximately 2.41 acres of Type III wetland will be created adjacent to Anoka County Ditch 47 which flows west to east across the site. The ditch will not dewater the created wetland or vice versa as the wetland outlet will be at 898.0 and the ditch bottom at 896.0. The second half of WCA's required 2:1 replacement ratio will also be adjacent to Anoka County Ditch 47 in the form of public value credits. No plans have been submitted identifying these public value credit areas.
3. An existing stormwater pond is present on the wetland mitigation site created under Permit 75-116. The pond will not be physically altered but the wetland mitigation area water quality could be compromised as a result of untreated discharges from the pond's tributary area to the new wetland.
4. An Erosion Control Plan has been submitted for the Grading Plan and Mitigation Plan specifying silt fence located downslope of graded areas, riprap at sedimentation basin overflow structure, and an erosion control implementation schedule. A revised Erosion Control Plan will be required specifying the following:

10/17/97  
DSK

Permit Application No. 97-125: Gerald Rehbein

- Grading Plan:
    - Bale checks or check dams within easterly swale.
  - Mitigation Plan:
    - Erosion control implementation schedule (on Mitigation Grading Plan).
5. The flood elevation for Clearwater Creek at 20th Avenue S. is 904.2 (Centerville Flood Reduction Study). Approximately 1.48 ac-ft of floodplain fill below 904.2 will be placed as part of site grading and will be mitigated by approximately 2.89 ac-ft of storage created in the proposed on-site detention pond.
6. Permit history:

Permit	Purpose and Location
87-51	Roam Industrial Park immediately west of grading property
86-18, 84-11	Miscellaneous projects regarding drainage of mitigation site
76-98	Landfill activities at mitigation site
74-10	Realignment of Anoka County Ditch 47 on Carpenter property
74-01	Shady Oaks SFR development north of mitigation site

7. This Permit Application was tabled on September 24, 1997 for issues relating to stormwater management, erosion control, wetlands, site history, and floodplain fill.

Board Action:

10/17/97  
DSK

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

- 1. Field verification by District Inspector of spoils disposal site(s).
- ~~2. Erosion Control Plan specifying silt fence downslope of spoils disposal site(s), revegetation specifications, and reseeding time frames relative to rough grading.~~
- ~~3. Existing and proposed wetland cross sections consistent with the District's wildlife pond guidelines.~~
- ~~4. Quantification of proposed wetland expansion area.~~
- 5. Cash surety in the amount of \$250, REC'D 10/21/97 FROM JACK'S CONCRETE & MASONRY, INC.

Location: 13710 Elmcrest Avenue N., Hugo.

T-R-S: 31-21-30 bcbc

Purpose: Approval of a Wetland Alteration Plan for expansion of an existing wetland, 2± acres.

Exhibits:

- 1. Permit Application, dated September 10, 1997, received September 11, 1997.
- 2. Site Plan prepared by Applicant, ~~undated~~, received ~~September 24, 1997~~, 10/21/97. DATED 10/20/97
- 3. Permit File 94-65.

- Findings:
- 1. Project involves expansion of a 0.33± acre wetland indicated on NWI maps as Type III (PEMC). Spoils placement will be on upland areas between existing single family residence and wetland.
  - 2. An Erosion Control Plan has ~~not~~ been submitted ~~and will be required~~, specifying silt fence downslope of spoils disposal sites, revegetation specifications, and reseeding time frames relative to rough grading.
  - 3. RCWD Permit 94-65 (not issued) was for "after-the-fact" wetland fill on a property immediately north of the site.

Board Action:

10/17/97  
DSK

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

1. Clarification of means of routing stormwater to pond from parking lot.
2. Cash surety in the amount of \$1,000.

Location: 2430 Rose Place, Roseville.

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

Purpose: Approval of a Final Site Drainage Plan for a parking lot addition to the existing U.S. Filter facility, 4.4± acres.

- Exhibits:
1. Permit Application, dated September 19, 1997, received September 22, 1997.
  2. Grading, Drainage, and Erosion Control Plan prepared by Loucks and Associates, Inc., last revised August 29, 1994, received September 22, 1997.
  3. Project narrative prepared by U.S. Filter, dated September 19, 1997, received September 22, 1997.
  4. Parking lot detail prepared by U.S. Filter (print no. 3), undated, received September 22, 1997.
  5. RCWD Permit Files 94-117, 94-25, 93-43, 88-163, 87-134, and 86-149.

Findings: 1. Project involves construction of a parking lot addition to the existing U.S. Filter facility, creating approximately 0.23± acres of impervious area. RCWD-approved Permits 94-117, 94-25, 93-43, 88-163, 87-134, and 86-149 were issued for various on-site developments.

10/17/97  
DSK

Permit Application No. 97-130: U.S. Filter Recovery Services

2. The first 0.25 inches of runoff from the new parking area will be routed to a rainwater collection vault for U.S. Filter testing and eventually discharged to an existing detention pond on the north edge of the site. The remaining runoff (above 0.25 inches) bypasses the collection vault and flow directly to the detention pond which was constructed under previous permits and provides rate control and water quality treatment in accordance with District standards.
3. An Erosion Control Plan has been submitted specifying silt fence downslope of all graded areas.
4. NWI maps do not indicate the presence of wetlands on site.

Board Action:

10/17/97  
DSK

Recommendation: <sup>TWAFAA</sup> Table pending receipt of:

- ~~1. Revised runoff calculations routing entire new impervious area to pond (0.5± acres), utilizing SCS Type "B" soils for CN computation, and identification of existing conditions peak runoff rates to northwest site corner.~~
- ~~2. Review of pond sizing following runoff recalculation.~~
- ① ~~X~~ Revised Erosion Control Plan specifying <sup>BALE CHECKS IN WEST SWALE.</sup> ~~silt fence between graded areas and pond, and revegetation schedule for disturbed soils.~~
- ~~4. Revised Stormwater Management Plan routing all of south parking area to pond.~~
- ② ~~X~~ Cash surety in the amount of \$2,000.

Location: Northeast corner of Mississippi Street and University Avenue, Fridley.

T-R-S: 30-24-14 bccc

Purpose: Approval of a Final Site Drainage Plan for a Walgreen's pharmacy, 3.3± acres.

- Exhibits:
- 1. Permit Application, dated September 19, 1997, received September 29, 1997.
  - 2. Preliminary Grading ~~and Utility~~ Plan prepared by Landform Engineering, ~~dated September 12, 1997, received October 9, 1997.~~  
<sub>L.R. 10/20</sub> <sub>20</sub>
  - 3. Existing Conditions Plan prepared by Landform Engineering Company, dated September 12, 1997, received October 9, 1997.
  - 4. Drainage calculations prepared by Landform Engineering Company, ~~dated September 10, 1997, received September 29, 1997.~~  
<sub>L.R. 10/20</sub> <sub>10/20</sub>

Findings: 1. Project involves construction of a Walgreen's Pharmacy and impervious parking areas on a currently partially developed lot. ~~Most of~~ site runoff will be routed to a new on-site detention pond which ~~does not appear~~ to provide rate control and water quality treatment. The pond outlets north to existing 66th Avenue N.E. storm sewer.

10/17/97  
DSK

Permit Application No. 97-132: Semper Development

2. NWI maps do not indicate the presence of wetlands on site.
3. An Erosion Control Plan has been submitted specifying silt fence on the south and west site edges and riprap at storm sewer outfalls. Additional silt fence will be ~~required~~ <sup>PLACED</sup> between graded areas and the proposed pond, ~~in addition to a revegetation schedule.~~ <sup>BALE CHECKS ARE NEEDED WITHIN THE WEST DRAINAGE SWALE</sup>
4. The current flood elevation for the on-site pond is 854.5. <sup>9</sup> The proposed first floor elevation is 859.25, satisfying the District's 2-foot freeboard requirement.

Board Action:

10/17/97  
DSK

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

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

Location: 5855-165th Street North, Hugo.

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

Purpose: Approval of a Final Site Drainage Plan for a roof addition attached to an existing building, 3.2± acres.

- Exhibits:
1. Permit Application, dated September 29, 1997, received September 29, 1997.
  2. Site Plan prepared by Hult & Associates, dated September 1995, received September 29, 1997.
  3. Grading and Sediment Erosion Control Plan narrative prepared by Applicant, undated, received September 29, 1997.
  4. Stormwater management narrative prepared by Applicant, undated, received September 29, 1997.
  5. RCWD Permit Files 95-95 and 97-87.

- Findings:
1. Project involves construction of a 20-foot by 50-foot impervious roof attached to an existing building and over an existing gravel driveway. Rate control and water quality treatment will not be an issue as very little new impervious area is being created and runoff is overland 60 feet to an existing wetland.
  2. An existing Type III/IV (PEMC/PUBG) wetland is located approximately 60 feet south of the project. The project will not impact to the wetland. RCWD-approved Permit 95-95 was issued for replacement of the wetland outlet.
  3. An Erosion Control Plan will not be required as no grading will occur. Riprap will be placed along the east wetland edge to provide erosion protection.

10/17/97  
DSK

Permit Application No. 97-133: Kevin Vacinek

4. The flood elevation for the large wetland is 928.5 (Permit 95-95). A first floor will not be constructed and no floodplain fill will be placed.
5. All necessary easements were granted under previous permits.
6. Permit 97-87 was reviewed for a building and parking lot addition and pond expansion to the site to the east.

Board Action:

10/17/97  
DSK

Permit Application No. 97-134: Successful Bidder, City of Lino Lakes  
(To be Selected)

TWAFAA

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

1. Permit Application signed by Successful Bidder
2. Erosion Control Plan specifying silt fence downslope of graded areas and bale checks, within Lilac Street roadside ditches. *Every 150'*
3. Cash surety in the amount of \$3,000.
4. Permit fee in the amount of \$500.

Location: Lilac Street between 4th Avenue N. and Apollo Drive, Lino Lakes.

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

Purpose: Approval of a Roadway and Utilities Plan for improvements to approximately 1,800 feet of Lilac Street, Lino Lakes.

- Exhibits:
1. Permit Application, unsigned, undated, received October 2, 1997.
  2. Construction Plans (5 sheets) prepared by TKDA, Inc., ~~dated~~ *L.R. 10/20/97* ~~September 10, 1997, received September 26, 1997.~~ *10/20*
  3. Project manual prepared by TKDA, Inc., dated September 10, 1997, received September 26, 1997.
  4. RCWD Permit Files 94-151, 93-116, 83-89, 82-30, 81-117, and 79-93, and CSMP Files 84C11 and 84C12.

- Findings:
1. Project involves improvements to 1,800± feet of Lilac Street, including bituminous resurfacing (no curb and gutter) and sanitary sewer and watermain extensions. No new storm sewer is proposed. The roadway is currently paved (no curb and gutter) with all runoff flowing west via roadside ditches to Anoka County Ditch 10-22-32 located immediately west of 4th Avenue.
  2. Ponding will not be required as no new impervious area is being created and drainage patterns will be unaltered. The roadway runoff flows through several thousand feet of grassed right-of-way ditches prior to discharging to the 10-22-32 system.

10/17/97  
DSK

Permit Application No. 97-134: Successful Bidder, City of Lino Lakes  
(To be Selected)

3. No wetlands will be impacted as a result of this project.
4. An Erosion Control Plan has not been submitted and will be required specifying silt fence downslope of graded areas and bale checks within Lilac Street roadside ditches.
5. RCWD-approved Permits 94-151, 83-89, and CSMP 84C11 were issued for Molin Concrete north of Lilac Street. CSMP 84C12 was issued for the Apollo Business Park at the southeast corner of Lilac Street and 4th Avenue. Additional various permitted projects in the vicinity were reviewed under RCWD Files 83-116, 82-30, 81-117, and 79-93.

Board Action:

10/17/97  
DSK

Recommendation: Table <sup>TWAFAA</sup> pending receipt of:

1. Written permission from Ramsey County for off-site grading.
2. ~~Full pretreatment measures (runoff from 2.5-inch rainfall) prior to direct discharges to wetlands.~~
3. ~~Revised Erosion Control Plan specifying silt fence placement prior to grading activities at both sites.~~
4. ~~Proposed accumulated sediment disposal sites.~~
5. ~~Specifications for "Miramat" erosion control blanket.~~

STIPULATION: EROSION CONTROL MEASURES SHALL BE COORDINATED WITH THE DISTRICT INSPECTOR.

6. Cash surety in the amount of \$3,000, REC'D 10/21/97 FROM TOWNS EDGE TERRACE.

Location:	North ends of Wellington Avenue and Londondary Avenue, Mounds View.
T-R-S:	30-23-17 ab
Purpose:	Approval of a Final Site Drainage Plan for storm sewer upgrades, repair of existing erosion, and sediment removal within a wetland, 23.8± acres.
Exhibits:	<ol style="list-style-type: none"> <li>1. Permit Application, dated October 3, 1997, received October 6, 1997.</li> <li>2. Grading, Utility, and Erosion Control Plan prepared by Schoell &amp; Madson, Inc., dated September 29, 1997, received October 6, 1997. <small>L.R. 10/17 20</small></li> <li>3. Runoff calculations prepared by Schoell &amp; Madson, Inc., dated October 1, 1997, received October 6, 1997.</li> </ol>

Findings: 1. Project involves the replacement of two existing 12-inch CMPs with 27-inch RCPs at the north ends of Wellington Avenue and Londondary Avenue (both cul-de-sacs). The existing storm sewers are undersized and recent curb overtopping has led to severe bank erosion and sediment deposition within the adjacent wetland. A large accumulation of sediment will be removed from the wetland which is riparian to Rice Creek.

10/17/97  
DSK

2. The mobile home development tributary to the storm sewers was constructed prior to District formation and no ponds exist on site. The site is located immediately south of Rice Creek and runoff from the development currently discharges to the riparian wetland untreated.
3. An Erosion Control Plan has been submitted specifying small riprap basins (3 feet deep) at storm sewer outfalls. A "Miramat" (manufacturer name) erosion control mat will be placed at curb overflows to prevent future erosion. Silt fence will be ~~required~~ PLACED downslope of all graded areas prior to grading activities at both sites.
4. NWI maps indicate the presence of Type III/V/VI (PF01/EMC, PUBF) wetlands immediately north of the project areas and riparian to Rice Creek. The project will include excavation for riprap sedimentation basins and placement of 150± tons of Class III riprap within the wetland. The entire wetland appears to be on Ramsey County property and has not been delineated.
5. No fill will be placed within the Rice Creek flood elevation of 878.0 (RCWD HEC-2 model).

Board Action:

10/17/97  
DSK

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

1. ~~Revised Erosion Control Plan specifying silt fence between graded areas and proposed pond.~~
2. ~~Revised storm sewer configuration preventing pond short-circuiting.~~

① ~~X~~ Cash surety in the amount of \$2,000.

Location: 2351 Rice Creek Road, New Brighton.

T-R-S: 30-23-18 dcb

Purpose: Approval of a Final Site Drainage Plan for a building and parking lot addition to the existing Salem Baptist Church, 4.3± acres.

- Exhibits:
1. Permit Application, dated October 1, 1997, received October 8, 1997.
  2. Grading, Drainage, and Erosion Control Plan prepared by Hansen, Thorp, Pellinen, Olson, Inc. (HTPO), ~~dated September 26, 1997,~~ received October 9, 1997. L.R. 10/20  
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  3. Runoff calculations prepared by HTPO, dated September 30, 1997, received October 9, 1997.
  4. Area drainage map prepared by HTPO, dated October 9, 1997, received October 9, 1997.
  5. Preliminary Utility Plan prepared by HTPO, last revised October 9, 1997, received October 9, 1997.
  6. Detail sheet prepared by HTPO, last revised October 9, 1997, received October 9, 1997.

10/17/97  
DSK

Permit Application No. 97-136: Salem Baptist Church

- Findings:
1. Project involves the construction of a building and parking lot addition to the existing Salem Baptist Church, creating approximately 1.0 acre of impervious area. All site runoff will be routed to a new detention pond along the north site edge which provides rate control and water quality treatment in accordance with District standards. The pond discharges north to existing Rice Creek Road utilities and flows north to Rice Creek.
  2. An Erosion Control Plan has been submitted specifying silt fence and bale checks downslope of the graded areas, a revegetation schedule, and riprap at all storm sewer outfalls. Additional silt fence will be ~~required~~ <sup>PLACED</sup> between graded areas and the proposed pond.
  3. NWI maps do not indicate the presence of wetlands on site.
  4. The flood elevation for the proposed on-site pond is 904.9. The proposed first floor elevation is 906.5, satisfying the District's nonregulatory floodplain freeboard requirement.

Board Action:

10/17/97  
DSK

Recommendation: Table ~~pending receipt of:~~

1. Runoff calculations specifying existing condition 100-year rainfall event peak discharge rates and pond dead storage volume equal to the runoff from a 2.5-inch rainfall.
- ~~2. Clarification of alignment of existing and proposed routing systems from south pond to regional pond.~~
- ~~3. Revised Erosion Control Plan specifying silt fence between graded areas and ponds, riprap at all storm sewer outfalls, a revegetation schedule for all disturbed soils, and bale checks in swales along west sides of both buildings.~~
- ② ✕. Written permission from landowner to west for regional pond grading.
- ~~5. Specification of southwest building addition basement and first floor elevations (if different).~~
- ③ ✕. Preliminary plat or legal document with satisfactory form and description granting easements over on-site ponds, wetlands, storm sewer, and all other hydrologic features.
- ④ ✕. Cash surety in the amount of \$3,000.

Location: Northwest corner of Rice Creek Road and Silver Lake Road, New Brighton.

T-R-S: 30-23-18 ca

Purpose: Approval of a Final Site Drainage Plan and Wetland Alteration Plan for a building and parking lot addition to the Brightondale senior housing facility and partial redevelopment of a shopping center, 7.8± acres.

- Exhibits:
1. Permit Application, dated October 9, 1997, received October 9, 1997.
  2. Grading, Drainage, and Erosion Control Plan prepared by SKD Architects, Inc., dated October 10, 1997, received October ✕, 1997.

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DSK

Permit Application No. 97-137: G & P Properties, Inc.

3. Runoff calculations prepared by Clark Engineering Corporation, dated October 9, 1997, received October 9, 1997.
4. Topographic survey prepared by Sathre-Bergquist, Inc., dated August 7, 1997, received October 9, 1997.
5. Wetland delineation report prepared by Arlig Environmental, dated June 10, 1997, received October 9, 1997.
6. Storm Sewer and Utility Plan prepared by SKD Architects, Inc., last revised October <sup>10</sup>9, 1997, received October <sup>21</sup>9, 1997.
7. Detail sheet prepared by SKD Architects, Inc., last revised October 10, 1997, REC'D 10/21/97.
8. Drainage area map prepared by Clark Engineering Corporation, undated, received October 9, 1997.
9. Letter of opposition from residents of 28th Avenue N.W., New Brighton, dated September 22, 1997, received September 25, 1997.
10. RCWD Permit Files 86-160, 85-116, 84-121, 81-125, 70-105, and 76-69.

Findings:

1. Project involves construction of a building addition to a senior housing facility constructed under Permits 86-160 and 85-116, and redevelopment of an existing shopping center constructed under Permit 76-69.
2. Construction of the southern building addition will entail filling and partial on-site replacement of an existing dry pond (Permit 86-160). A new regional pond at the northwest site corner will be constructed to serve both projects. The regional pond outlets to existing New Brighton storm sewers and flows north to Rice Creek.

It is unclear if the proposed pond is on the developer's property. Existing condition rate control calculations and dead storage specifications have not been provided.

10/17/97  
DSK

Permit Application No. 97-137: G & P Properties, Inc.

3. An Erosion Control Plan has been submitted specifying silt fence downslope of some graded areas. Additional silt fence will be <sup>placed</sup> ~~required~~ between graded areas and the proposed ponds, as well as riprap at all storm sewer outfalls and bale checks in swales west of both buildings.
4. The wetland delineation report identified the existing dry pond as a wetland (Permit 86-160). This pond will be filled but is exempt from mitigation through WCA Exemption subp. 5 (incidental wetlands).
5. The flood elevation of the proposed regional pond is 891.0. The proposed first floor elevation for the adjacent shopping center is 896.0, satisfying the District's 2-foot freeboard requirement.

The flood elevation for the small southerly depression is 895.0. ~~This is unclear if~~ the adjacent building addition's first floor elevation is 907.4 ~~(may have)~~ basement).

Board Action: 6.

(NO)  
THE BOARD CHOSE TO TABLE THE PERMIT SUCH THAT THE PROPERTY OWNERS TO THE WEST COULD COMMENT ON THE PROPOSED PROJECT.

10/17/97  
DSK

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

1. Revised Erosion Control Plan specifying silt fence along adjacent property lines (where necessary).
2. Cash surety in the amount of \$500.

Location: 2647 South Shore Boulevard, White Bear Township.

T-R-S: 30-22-24 dbac

Purpose: Approval of a Final Site Drainage Plan for a single family residence riparian to White Bear Lake, 0.6± acres.

- Exhibits:
1. Permit Application, dated October 7, 1997, received October 9, 1997.
  2. Site Plan prepared by SKD Architects, Inc., dated September 11, 1997, received October 9, 1997.
  3. RCWD Permit Files 96-148, 95-01, and 94-01.

- Findings:
1. Project involves the removal of an existing house and construction of a new single family residence on a lot riparian to White Bear Lake. Rate control and water quality treatment will not be an issue as very little impervious area is being created and all runoff is overland 65± feet to White Bear Lake.
  2. The flood elevation for White Bear Lake is 926.7 (1992 RCWD Flood Study). The proposed first floor elevation is 935.0, satisfying the District's 2-foot freeboard requirement.
  3. An Erosion Control Plan has been submitted specifying silt fence downslope of most graded areas. Additional silt fence will be required between graded areas and adjacent properties (where necessary).
  4. The home will be set back over 60 feet from White Bear Lake's OHW of 924.7. This satisfies the DNR's General Development setback requirement of 50 feet for sewered lots.

10/17/97  
DSK

Permit Application No. 97-138: Marice Halper and Bob Robenstein

5. NWI maps do not indicate the presence of wetlands on site.
6. RCWD-approved Permits 96-148, 95-01, and 94-01 were issued for various projects near the site.

Board Action:

10/17/97  
DSK

Recommendation: Table pending receipt of:

1. Permit Application signed by Successful Bidder.
2. Existing conditions stormwater runoff calculations at proposed regional pond discharge point.
3. Subwatershed map clearly identifying proposed tributary areas to regional pond (labeled according to runoff calculation nomenclature).
- ~~4. Regional pond dead storage calculations specifying permanent pool volume equal to the runoff of a 2.5 inch rainfall over the tributary area.~~
- ④ ~~5.~~ Narrative addressing proposed wetland mitigation easement.
- ⑤ ~~6.~~ Revegetation schedule <sup>FOR POND GRADING PLAN</sup> for all disturbed soils.
- ⑥ ~~7.~~ Cash surety in the amount of \$4,000.
- ⑦ ~~8.~~ Permit Fee in the amount of <sup>\$500</sup> ~~\$800~~.

Location: 14th Street N.E., east of Round Lake Road W., Arden Hills.

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

Purpose: Approval of a Roadway and Utilities Plan, Wetland Alteration Plan, and Final Site Drainage Plan for improvements to 1,600± feet of 14th Street N.E. and construction of a regional pond to serve the Gateway Business District.

- Exhibits:
1. Permit Application, unsigned, undated, received October 9, 1997.
  2. Construction plans (19 sheets) prepared by City of Arden Hills, dated October 1997, received October 9, 1997.
  3. Gateway Business District drainage summary prepared by H.R. Green Company, undated, received October 9, 1997.
  4. Wetland delineation and joint project notification prepared by H.R. Green Company, dated October 1997, received October 9, 1997.

10/17/97  
DSK

Permit Application No. 97-139: Successful Bidder, City of Arden Hills  
(To be Selected)

5. Specifications book prepared by H.R. Green Company, dated August 7, 1997, received October 9, 1997.
6. RCWD Permit Files 97-69, 97-33, and 96-119.

Findings:

1. Project involves the construction of storm sewer, sanitary sewer, and watermain for 14th Street N.E., which will serve the Gateway Business Park reviewed under RCWD Permits 97-69 and 97-33.
2. A regional pond will be constructed approximately 500 feet south of the Gateway development and at the southeast corner of 13th Street N.E. and Round Lake Road W. The regional pond will collect runoff from most of the Gateway Business Park and Round Lake Road W. as well as all runoff from 14th Street N.E. and 13th Street N.E. The regional pond will discharge to the southwest to a MnDOT right-of-way ditch adjacent to the I-35W North and I-694 West interchange. It is unclear at this time if the pond provides <sup>SUFFICIENT</sup> rate control ~~and~~ water quality treatment in accordance with District standards.   
L THE POND DOES
3. The total area tributary to the proposed regional pond has not been delineated.
4. An Erosion Control Plan has been submitted specifying silt fence located downslope of graded areas and riprap at storm sewer outfalls.
5. Approximately 0.32 acres of a degraded wetland containing concrete and asphalt debris and historically used as a horse pasture will be modified through regional pond construction. The wetland will be enhanced through excavation of the regional pond and no fill will be placed within the delineated limits.

Board Action:

10/17/97  
DSK

Recommendation: Table pending receipt of:

1. Wetland delineation report.
2. Field verification by District staff of wetland boundaries.
3. Clarification of potential wetland and floodplain fill in Lot 5 from taxiway span bridge construction.
4. Taxiway span bridge design detail.
5. Revised Grading Plan specifying benched swales (with detail) downslope of homes and hangars for Lots 1-5.
6. Erosion Control Plan specifying silt fence in between graded areas and wetland, and revegetation schedule for disturbed soils.
7. Revised preliminary plat granting ponding and flowage easements over on-site wetlands and all other hydrologic features.
8. Cash surety in an amount to be determined.

Location: Approximately 300 feet east of Lake Drive (CSAH 49) and immediately south of Aqua Lane, Lino Lakes.

T-R-S: 31-22-20 bcab

Purpose: Approval of a Land Development Plan for a single family residential development to be known as Surfside Addition, 7 lots, 18.6± acres.

- Exhibits:
1. Permit Application, dated October 10, 1997, received October 10, 1997.
  2. Preliminary plat prepared by Metro Land Surveying, dated October 9, 1997, received October 10, 1997.
  3. RCWD Permit Files 95-179, 94-208, 94-202, 93-208, 93-198, and 92-208.

10/17/97  
DSK

Permit Application No. 97-140: Bruce Hanson

- Findings:
1. Project involves the construction of a single family residential development on a currently undeveloped site riparian to Rice Lake. The property is immediately west of the Surfside Landing Strip which serves a seaplane base located approximately 1,800 feet south on Rice Lake. Each of the five developable lots will also have an airplane hangar. A single storage hangar will be constructed on the northwest corner of Lot 6 (predominantly wetland).
  2. Full ponding will not be required as very little new impervious area is being created and all runoff is overland to Rice Lake. However, benched swales will be required downslope of the homes and airplane hangars to collect the first flush runoff and provide infiltration opportunities.
  3. The 100-year flood elevation for Rice Lake located 500 feet to the south is 886.0 (FIS). The minimum proposed first floor elevation is 890.0, satisfying the District's 2-foot freeboard requirement. Additionally, the lowest hangar floor will be at 889.0.
  4. A precast span concrete bridge is proposed linking the hangar taxiway with the landing strip. It is unclear if wetland and floodplain fill will result from bridge placement.
  5. NWI maps indicate the presence of a large Type III/VI (PSSI/EMCd) wetland riparian to Rice Lake and located along the east and south property limits. It is unclear if this wetland will be impacted.
  6. An Erosion Control Plan has not been submitted and will be required specifying silt fence in between graded areas and wetland, and a revegetation schedule for disturbed soils.
  7. A preliminary plat has been submitted without easements over on-site wetlands.
  8. RCWD Permits 95-159, 94-202, 93-198, and 92-208 were issued for the Surfside Landing Strip immediately east of the site, and Permits 95-179, 94-208, and 93-208 were issued for Marshan Lake Condominiums immediately north of the site.

Board Action:

10/17/97  
DSK