

**Staff Analysis of Proposed Amendment to the *Dane County*
Water Quality Plan, Revising the
Central Urban Service Area Boundary and Environmental Corridors within the
High Point - Raymond Neighborhood, City of Madison and Town of Verona**

1. Applicant: City of Madison

2. Description of Proposal

The High Point-Raymond Neighborhood is located in the City of Madison and the Town of Verona, north of County Trunk Highway PD, west of High Point Road or Tucson Trail, and east of County Trunk Highway M. The current amendment request is located at the center of the neighborhood, south of Mid-Town Road, north of Raymond Road, and east of Mica Lane, at the south end of Jeffy Trail, and is part of the Phase 2B staging area defined in 1998 at the time of the initial City of Madison amendment request for this neighborhood. The City of Madison proposes to add 64.4 acres to the Central Urban Service Area, including 5.7 acres of existing development and 17.2 acres of environmental corridors, for a net developable area of 41.5 acres. Forty seven (47) acres are in the City of Madison and 17.4 acres are in the Town of Verona (see Maps 1, 2, and 3).

| Proposed Land Use | Density (units/acre) | | Total (ac.) | % of Total | Housing Units | No. of Persons | No. of Students | Existing Develop. | Environ. Corridor | Develop- able |
|--|----------------------|------------|-----------------|---------------|------------------|-------------------|--------------------|----------------------|----------------------|------------------|
| | Proposal | CUSA | | | | | | | | |
| Low Density Residential | 3.5 | 4.2 | 25.9 | 40% | 90 | 228 | 41 | 4.0 | | |
| Medium Density Residential | 11.9 | 14.5 | 6.7 | 10% | 80 | 178 | 16 | | | |
| Residential Total | 5.9 | 6.6 | 32.6 | 51% | 170 | 405 | 57 | 4.0 | | |
| Stormwater Management | | | | 0% | | | | 1.7 | 17.2 | |
| Other Park & Open Space | | | 23.6 | 37% | | | | | | |
| Street R-O-W | | | 8.2 | 13% | | | | | | |
| TOTAL | | | 64.4 | 100% | 170 | 405 | 57 | 5.7 | 17.2 | 41.5 |
| 47.0 acres in City of Madison & 17.4 acres in Town of Verona | | | | | | | | | | |

Source: City of Madison Planning Submittal and Dane County Regional Planning Commission

The proposed addition is contiguous to the Central Urban Service Area and to urban development that has occurred and is occurring to the south and west.

The amendment area is intended to serve residential development. The residential land use proposed would accommodate approximately 170 housing units for a population of 405 persons, including 57 school age children (see Table 1).

3. Existing Environment

Natural Resources. The area proposed for addition is in the rolling land of the upper Sugar River Basin. These lands represent a glacial end moraine formed during the most recent Wisconsin Glaciation.

The amendment area generally slopes to the west and south, with slopes in excess of 12% along the eastern edge. A navigable intermittent stream traverses the southern end of the amendment area, joining a tributary of the Upper Badger Mill Creek southeast of the

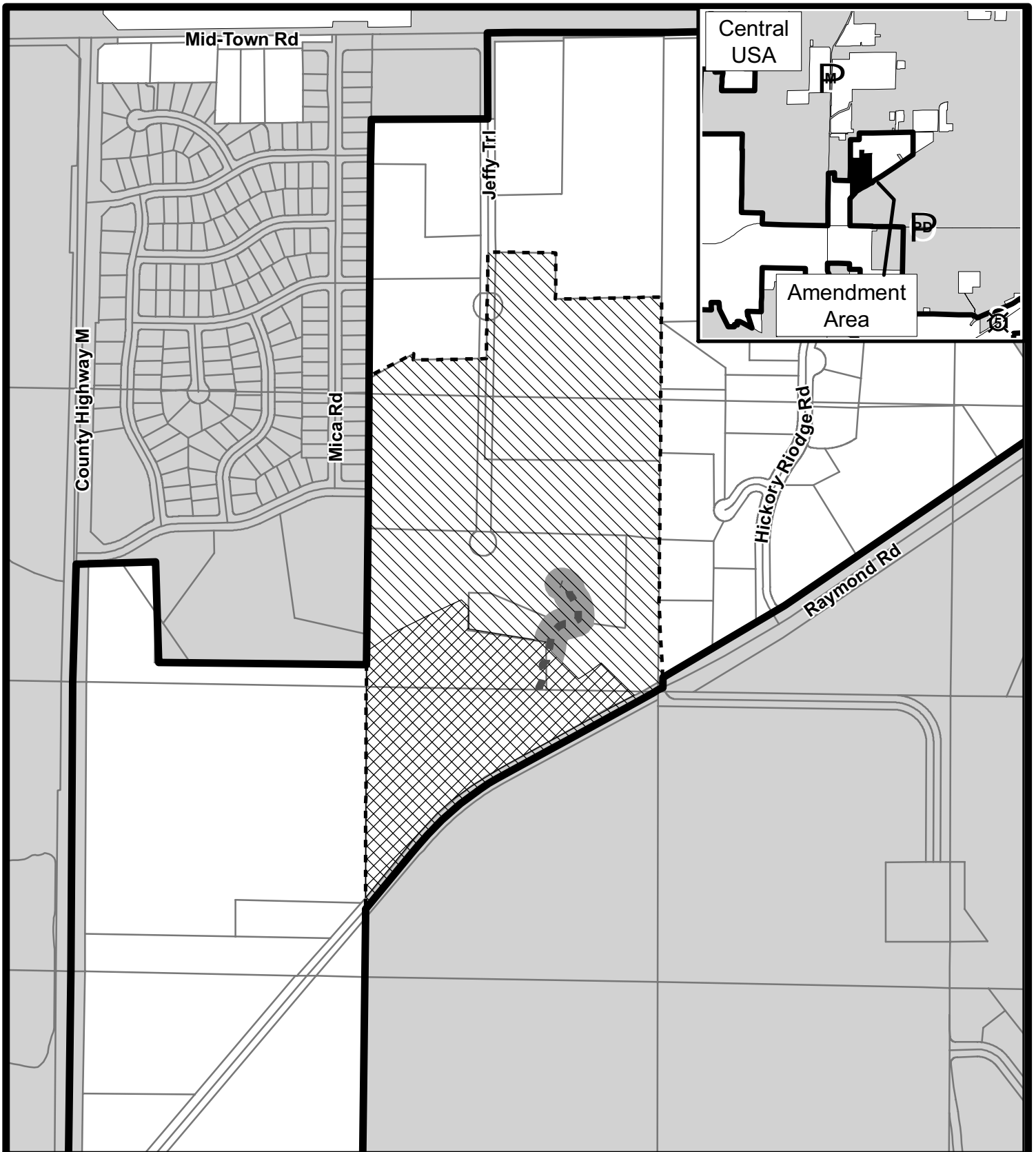
amendment area. Badger Mill Creek supports a warm water sport fishery with cold water fishery potential downstream. The WDNR stocks the Creek with trout and is evaluating the feasibility of reclassifying the lower portion of the Creek to a cold water fishery. The Creek flows to the Sugar River nearly a mile southwest of the City of Verona. The Sugar River is classified as an Exceptional Resource Water and supports a cold water fishery.

Depth to the water table in the amendment area is over 25 feet. There are no mapped wetlands or floodplains in the amendment area but there are mapped wetlands immediately south of the amendment area. The southern portion of the amendment area, however, is proposed for designation as environmental corridors for park and open space, and stormwater management purposes. Depth to bedrock is generally over 50 feet, with bedrock at a depth of 10 to 50 feet in the northern portion of the area. The bedrock type is fractured dolomite.







Soils in the amendment area are primarily in the Batavia-Houghton-Dresden Association. These soils are well drained and poorly drained, deep and moderately deep silt loams and mucks that are underlain by silt, sand, and gravel. Table 2 shows the soils of the amendment area and their characteristics. Approximately 63% of the amendment area is composed of prime agricultural soils (see Map 4).

The applicant notes that there are no historic properties or known archeological sites identified within the proposed amendment area. The State Historical Society has commented that two large surveys in the area failed to find any archaeological site. Therefore, no additional archaeological investigations are needed or recommended (letter of comment attached)

The Natural Heritage Inventory, maintained by the Department of Natural Resources, does not record any citing of threatened or endangered species in the amendment area.



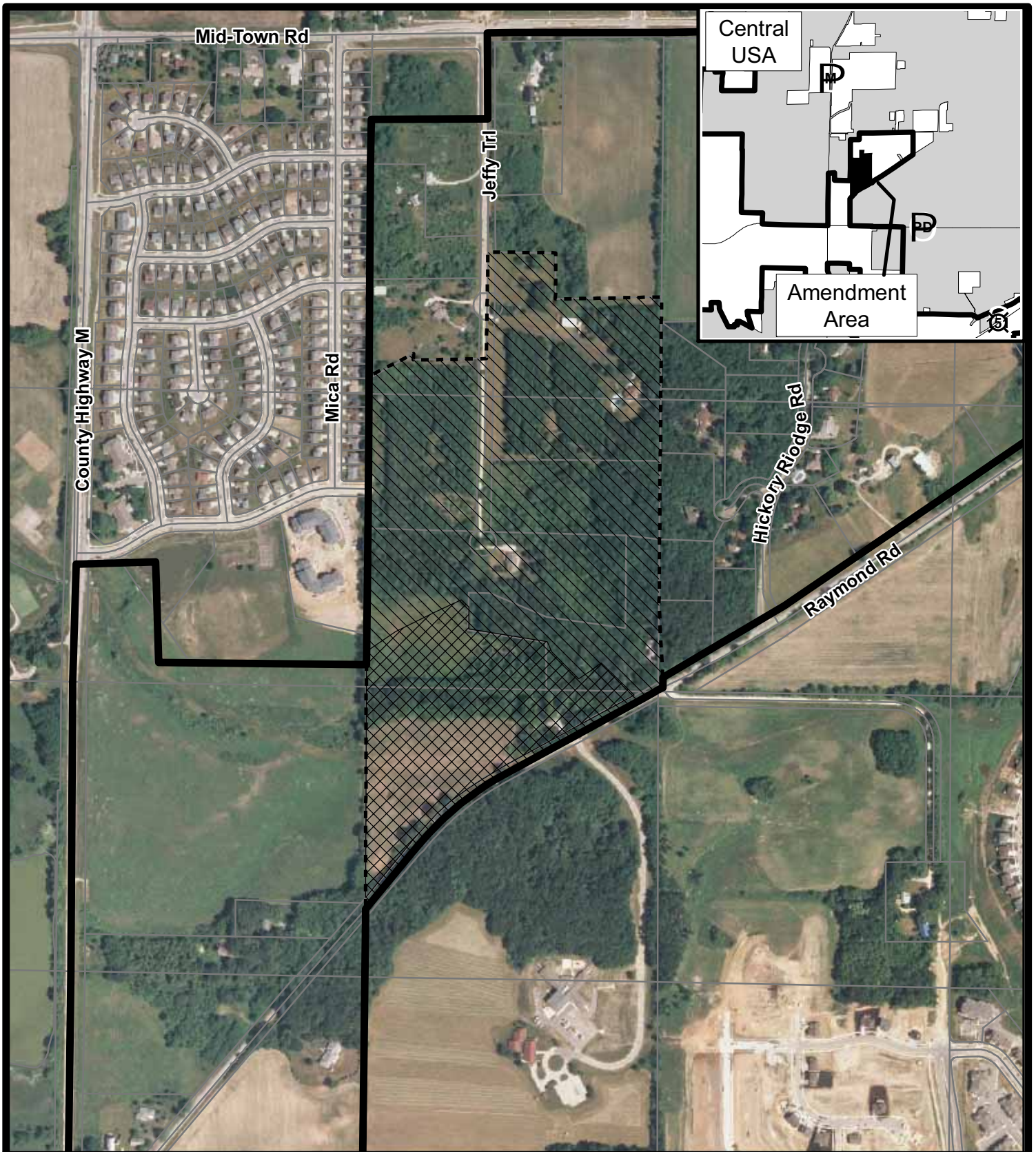
Map 1
Amendment
 to the Central
 Urban Service Area,
 City of Madison &
 Town of Verona

-  Service Area to be added
-  Proposed Environmental Corridor
-  Navigable Tributary
-  Required Additional Environmental Corridor
-  Existing Urban Service Area Boundary
-  Proposed Urban Service Area Boundary





8 June 06



Prepared by staff
 of the CAPD.



**Map 2 Aerial
Amendment
to the Central
Urban Service Area,
City of Madison &
Town of Verona**

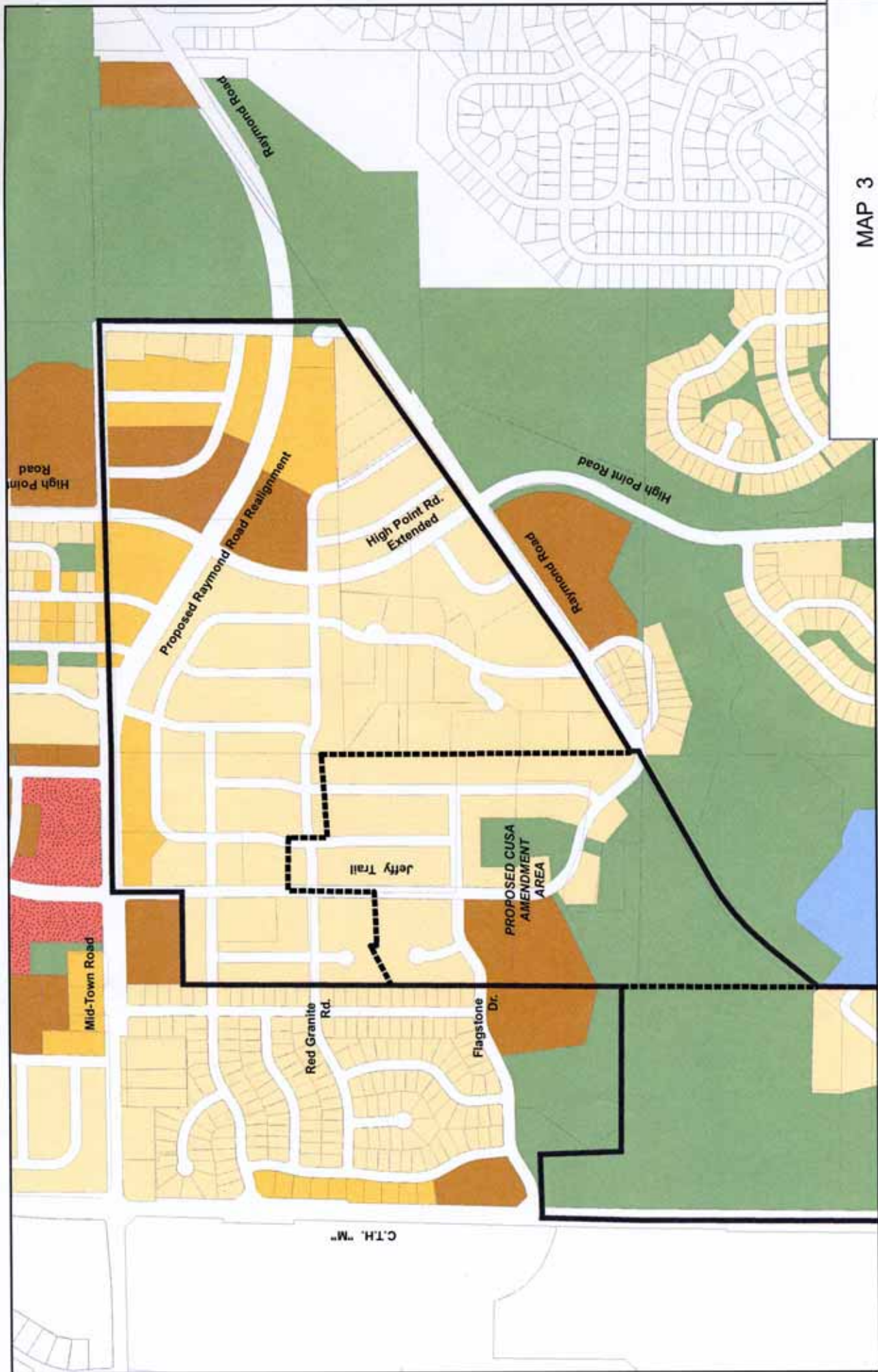
-  Service Area to be added
-  Proposed Environmental Corridor
-  Existing Urban Service Area Boundary
-  Proposed Urban Service Area Boundary

8 June 06



Prepared by staff
of the CAPD.

2005 aerial courtesy of FSA/NRCS



MAP 3
PROPOSED LAND USE
Jeffrey Trail South CUSA Amendment




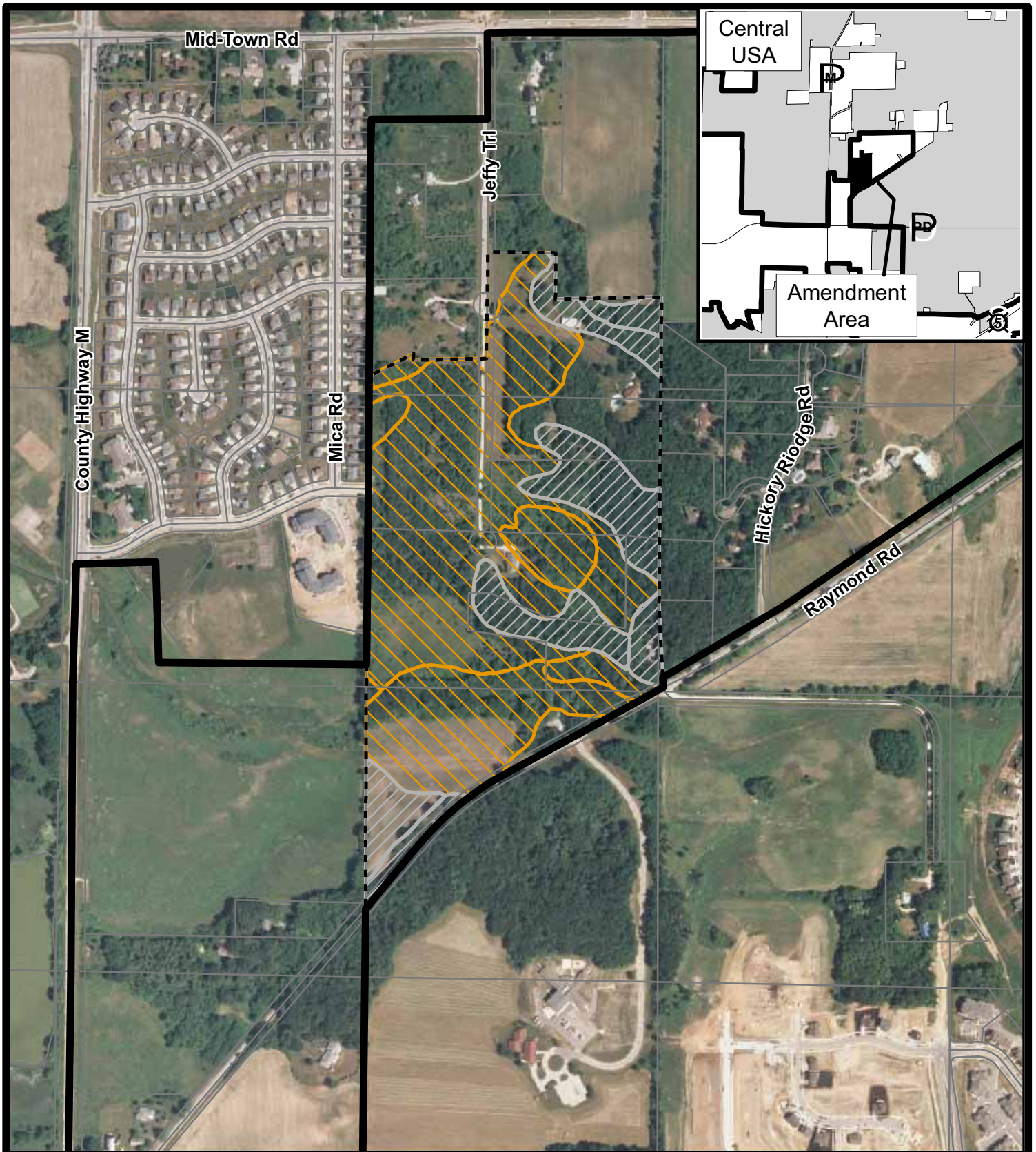




-  Current CUSA Boundary
-  Proposed CUSA Boundary
-  Low Density Residential
-  Low-Med Density Residential
-  Medium Density Residential
-  Neighborhood Mixed Use
-  Institutional
-  Park and Open space

Table 2 – Soil Characteristics

| Soil | % of Area | Prime Ag. | Description |
|----------------------------------|-----------|-----------------------|---|
| Kegonsa Silt Loam; KeB | 43% | Yes | Moderately deep, well-drained soils on benches on outwash plains. Soils have medium fertility. Permeability is moderate in the subsoil and rapid in the substratum. Poses slight to moderate limitation for development. 125 Bu/acre corn yield. |
| Troxeil Silt Loam; TrB | 20% | Yes | Deep, well drained to moderately well drained soils formed in drainageways. Subject to seasonal flooding of short duration. Poses severe limitation to development due to seasonally high water table. 145 Bu/acre corn yield. |
| Kidder Loam; KdC2 | 10% | No | Deep, well-drained soils formed on glaciated uplands. Medium fertility. Moderate permeability and severe hazard of erosion. Substrate is moderately rapidly permeable. Poses slight to moderate limitation for development. |
| Rodman Sandy Loam; RpE | 6% | No | Excessively drained, moderately steep and steep soils on side slopes of benches in stream valleys. Soils are shallow and located over sand and gravel. Fertility is very low, water capacity is very low, and permeability is moderately rapid in the upper part and very rapid in the lower part. Poses severe limitation for development. |
| McHenry Silt Loam; MdC2, MdD2 | 6% | No | Deep, well-drained soils on glaciated uplands and formed in sandy loam glacial till. Soils have medium fertility, moderate permeability, and pose severe hazard of erosion. Substratum is moderately rapidly permeable. Poses moderate limitation for development. |
| Dodge Silt Loam; DnC2 | 4% | No | Deep, well drained soils on glaciated uplands formed over sandy loam glacial till. Soils have high fertility, moderate permeability, and moderate to severe hazard of erosion. Poses moderate limitation to development. |
| Dresden Loam, eroded; DrD2 | 3% | No | Well-drained soils on lower side slopes on outwash plains and benches. Soils have medium fertility. Permeability is moderate in the subsoil and rapid in the substratum. Poses severe limitation for development. |
| Dresden Silt Loam; DsC2 | 2% | No | Deep, well drained soils on benches in stream valleys formed on sand and gravel outwash material. Substrate has rapid permeability. Moderate limitation to development. |
| Batavia Silt Loam; BbB/C2 | 2% | Yes, where slopes <6% | Deep, well-drained soils on high benches. Soils have high fertility and moderate permeability. Poses moderate limitation for development. 150 bu/acre corn yield. |
| Kidder, eroded; KrE2 | 2% | No | Deep, well-drained slopes formed in glacial till on drumlins and terminal and recessional moraines. These soils have moderate permeability and pose severe hazard of erosion. Poses slight limitation to development. |
| Ringwood Silt Loam, eroded; RnC2 | 1% | No | Deep, well-drained soils formed on glaciated uplands. Soils have high fertility and moderately rapidly permeable substrate. Poses severe hazard of erosion. Poses moderate limitation for development. |

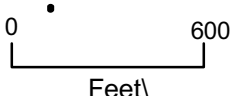


**Map 4 Soils
Amendment
to the Central
Urban Service Area,
City of Madison &
Town of Verona**

-  Existing Urban Service Area Boundary
-  Proposed Urban Service Area Boundary
-  Severe Limitations to Development (14.3 acres)
-  Prime Farmland (40.77 acres)

2005 aerial courtesy of FSA/NRCS

8 June 06



0 600
Feet

Prepared by staff
of the CAPD.

Land Use. The proposed amendment area is composed of five large parcels and portions of the existing Jeffy Trail and Raymond Road street rights-of-way. Four existing single-family dwellings occupy small portions of four of these parcels, with the majority of land area being vacant and undeveloped. Land uses adjacent to the proposed amendment are:

North: Residential and open land (Town of Verona)
South: Environmental corridors and other open land (City of Madison)
East: Residential (Town of Verona)
West: Residential (City of Madison) and open land (Town of Verona)

4. Consistency or Conflict with Adopted Plans and Policies

The Central Urban Service Area Analysis, adopted by the RPC in 1989, includes a list of criteria to be met by proposed amendments to the service area, including the following:

- preparation of an area plan which encompasses the proposed amendment
- a description of proposed land uses
- an evaluation of consistency with adopted plans
- methods of protecting environmental corridors
- an evaluation of urban services to be provided, including transportation, water, sewer, police, fire, solid waste, storm drainage and neighborhood facilities

The City of Madison has addressed these criteria through information presented in its amendment proposal for lands in the High Point–Raymond Neighborhood, dated April 2006, and the *High Point-Raymond Neighborhood Development Plan*, adopted by the City in December 1997 and amended December 2001, November 2005, and March 2006. The proposed amendment includes low and medium density residential uses and park and open spaces consistent with the *High Point-Raymond Neighborhood Development Plan*. The proposed environmental corridor at the south end of the amendment area falls within the Ice Age Trail Corridor as designated in the *Dane County Parks and Open Space Plan*, and designation of the environmental corridor is consistent with plans to provide an Ice Age Trail connection. The proposed environmental corridor also enhances the feasibility of vacating Raymond road where it crosses the planned Ice Age Trail.

Ten-year staging boundaries are required for all urban service area amendment requests involving more than 100 acres of developable land. This amendment involves only 64.4 acres and no staging of development is identified.

Table 3 presents the goals achievement checklist for the eleven major goals of the Vision 2020 *Dane County Land Use and Transportation Plan*. The proposed amendment is supportive of three goals:

1. It promotes balanced communities with a mix of development (within the context of the neighborhood plan);
2. It provides an integrated all-mode transportation system by providing sidewalks and bicycle lanes and paths, as well as planning for a transit route for future fixed route transit service (within the neighborhood) when available;
3. It supports development of a system of open space corridors to preserve environmental function, scenic value, and recreational opportunities by designating 17.2 acres of environmental corridors.

Because approximately 63% of the amendment area consists of prime agricultural soils, the amendment conflicts with the goal of protecting agricultural land. However, the land is not currently in agricultural use.

Although the residential density of the proposed amendment (5.9 units per acre) is lower than that of the Central Urban Service Area (6.6 units per acre), the amendment is neutral with respect to the goal of promoting compact urban development due to offsetting effects. The lower density in the amendment area allows for the protection of the natural topography, slopes, and wooded areas in this area, and provide appropriate transitioning and screening for the Ice Age Trail which traverses the south portion of the amendment area. The proposed amendment is consistent with the Ice Age Trail plan.

The proposed amendment is neutral or has offsetting effects for the six other goals.

5. Proposed Urban Services

Public Water System. The proposed development will consume 41,000 gallons per day of potable water. The City proposes to provide municipal water service through the extension of the distribution system from adjacent developed areas. The proposed water mains within the amendment area connect to the existing 8-inch main in Flagstone Drive on the west side of the amendment area, and extend to Raymond Road in the southeast corner.

The current capacity of the City of Madison water system is 68 million gallons per day (MGD), with an average daily demand of 32 MGD. Water services are adequate for fire fighting services, and have no problem providing 2,000 gallons per minute (gpm) for 2.5 hours. A four million gallon ground storage reservoir and well site located at 910 S. High Point Road provides water pressure and supply to the area.

Wastewater. The proposed development will generate 35,000 gallons per day of wastewater. The City proposes to serve the amendment area by gravity sewer mains that will connect to the existing City of Madison and Madison Metropolitan Sewerage District(MMSD) sanitary mains and interceptors. The north half of the proposed amendment area will connect to the existing City sanitary main in Flagstone Drive. The southern portion of the amendment area will be served by future City gravity sewers that will connect to the MMSD Nine Springs Valley Mid-Town Extension currently in place to the south along Raymond Road. If the southern portion of the amendment area is developed prior to the necessary connection to the MMSD interceptor, the City proposes to serve this portion by a temporary sanitary lift station that would pump to the Flagstone Drive sanitary main.

The amendment area is in the MMSD service area. Wastewater from the service area is treated at the Nine Springs Treatment Facility. The collection system has adequate capacity to convey the generated wastewater to the treatment facility. The treatment plant is expected to reach capacity prior to 2020, requiring capacity expansion. The District has started a multi-year comprehensive facilities planning process to address long-term treatment and collection system needs for the service area.

Stormwater Management System. The *High Point-Raymond Neighborhood Development Plan* provides the framework for a comprehensive system of greenways, storm sewers, detention and retention ponds that will provide stormwater management within the neighborhood. Detailed plans and designs for stormwater management facilities will be developed and approved in conjunction with land subdivision approvals. Stormwater within the proposed amendment area generally drains southerly, ultimately discharging to

the Upper Badger Mill Creek. The amendment area contains a planned network of storm piping, treatment ponds, and open drainage greenways. These facilities will be designed to provide stormwater management consistent with the Department of Natural Resources NR-151 requirements, as well as to satisfy local and county Ordinance requirements, including provisions for thermal impact mitigation prior to discharge. Additionally, post-development runoff rates for 1, 2, 5, 10 and 100 year storm events will be controlled at pre-development runoff rates. After discharge from the amendment area, stormwater will flow to additional treatment facilities downstream, designed for regional flood control and stormwater quality control. These measures are scheduled to be fully constructed by the end of 2006.

Table 3

**Dane County Land Use and Transportation Plan
Goals Achievement Checklist**

| Goals | Strongly Conflicts | Conflicts | Neutral or Offsetting Effects | Supports | Strongly Supports |
|--|---------------------------|------------------|--------------------------------------|-----------------|--------------------------|
| Promote balanced communities with a mix of development | | | | X | |
| Promote compact urban development | | | X | | |
| Promote distinct communities and neighborhoods with a mix of uses | | | X | | |
| Provide a full range of housing choices | | | X | | |
| Provide an integrated all-mode transportation system | | | | X | |
| Concentrate employment and activity centers along transit corridors | | | X | | |
| Maintain Downtown Madison as region's major activity center | | | X | | |
| Provide employment opportunities and a diverse economic base | | | X | | |
| Protect agricultural lands by limiting non-farm development in agricultural areas | | X | | | |
| Protect environmental, cultural and historic resources | | | X | | |
| Develop a system of open space corridors to preserve environmental functions, scenic value, and recreational opportunities | | | | X | |

Proposal: High Point-Raymond Neighborhood (Jeffy Trail South)

Applicant and Submittal Date: City of Madison; April 2006

Environmental Corridors. Approximately 17.2 acres proposed for stormwater management, park uses, wetland-shoreland areas and buffers, and open space are proposed for designation as environmental corridors. However, an intermittent tributary of the Badger Mill Creek extends northerly approximately 500 feet beyond what has been proposed for designation as environmental corridors. The WDNR has determined that this tributary is navigable (see Map 5). The minimum criteria for environmental corridors established in the *Dane County Water Quality Plan* would require that all navigable streams and associated 75-foot shoreland buffers (from the top of each bank, or from the ordinary high water mark) to be included in environmental corridors (shown in Map 1 as environmental corridors to be added to the proposal).

Public Safety Services. The City of Madison Fire Department currently provides fire protection and emergency medical service to the City portions of the High Point-Raymond neighborhood area, and will provide these services to the proposed amendment area. Fire engine service will be provided by Fire Station No. 7, located at 1810 McKenna Boulevard; with additional fire engine and ambulance service from Fire Station No. 9, located at 201 N. Midvale Boulevard. Ambulance service and a ladder company will be provided by Fire Station No. 2, located at 421 Grand Canyon. Response time to the amendment area is estimated to be approximately 6 to 8 minutes. The Fire Department is considering the potential for another fire station within the far west side of the City.

The City of Madison Police Department is currently providing police protection services to City of Madison areas in the High Point-Raymond Neighborhood, which includes most of the proposed amendment area. These services will be extended to additional lands that are annexed to the City of Madison. The City currently has 382 full time equivalent police officers, or about 1.72 officers per 1,000 population. The City plans to maintain the current staffing level in the future. The proposed amendment area is within the West District service area. The West District station is located at 1710 McKenna Boulevard.

No change in police service is proposed for Town lands within the amendment area. Police protection services will continue to be provided by the Dane County Sheriff's Office.

Other City Services. The City of Madison will provide solid waste collection and recycling as well as street repair, cleaning and snow and ice removal to the proposed amendment area. These services will be provided to the proposed amendment area from the West Badger Road Public Works Facility.

Parks and Open Space Plan. The *High Point-Raymond Neighborhood Development Plan* includes recommendations for the general size and location of future parks, stormwater management facilities, and other open space features. No additional City parks are planned within the proposed amendment area. An existing City park is located south of Flagstone Drive about 500 feet west of the amendment area. Bicycle paths and hiking trails are also planned through the open spaces along the southern edge of the proposed amendment area, which is designated as environmental corridors and is consistent with the Ice Age Trail corridor. Connections will be provided between the future development area and these recreational facilities.



**JURISDICTIONAL FEATURES
McKy Property**

Map 5







Location
NEQ of Section, T6N, R8E,
Town of Verona, Dane County, WI

Project Information
NRC Project Number #: 06-002
Modified January 12, 2006

0 200 400 Feet

Legend

-  Navigable Drainageway
-  Approximate Wetland Boundary Location
-  Approximate Project Boundary
-  24K Hydro Layer

NRC
Natural Resources Consulting, Inc.
119 South Main Street
P.O. Box 128
Cottage Grove, WI 53527-0128
phone: 608-839-1998
fax: 608-839-1995
www.nrc-inc.net

6. Impacts or Effects of Proposal

Runoff and Storm Drainage Impacts. The potential impacts of urban development in general include an increase in stormwater runoff volumes and rate, reduced groundwater recharge, and the introduction of contaminants from urban land uses to Badger Mill Creek. Some of these, notably increased pollutant loads, simply replace adverse impacts from agricultural land uses that preceded urbanization. However, the hydrologic and water quality impacts associated with urbanization have had short and long term adverse impacts on surface water and groundwater resources. This results from increased impervious ground cover from roadways, parking areas, and roofs; sedimentation and erosion associated with construction activities; and contaminants from landscaping, house keeping, street surfaces, and pets.

In 1996, a partnership was formed between the WDNR, the City of Madison, and various public agencies and public groups as part of the Upper Sugar River Initiative to protect and enhance the water resources of the watershed. Impacts from urbanization in the Badger Mill Creek sub-basin were identified as a significant concern and focus for remediation activities.

Since that time, the City has updated and expanded the stormwater management system within the Badger Mill Creek watershed to address a number of the issues that were raised in the Upper Sugar River Initiative. Furthermore, and partly as the result of water quality impact analyses performed by the Dane County Regional Planning Commission for urban service area amendment requests in the watershed, the City adopted higher stormwater management standards in general, and in this watershed in particular. These include maximizing infiltration of the stormwater to supplement the stream base flow, maximizing water quality treatment of the runoff, and controlling rates of runoff for all storms up to the 100-year event, and stringent construction erosion control measures.

The stormwater management standards proposed by the City of Madison would adequately mitigate the expected impacts from this development, if implemented. A stormwater review and approval condition should be added to the approval of this amendment to ensure implementation.

Groundwater Pumping and Wastewater Diversion Impacts. The added area of development is in a watershed which had experienced a dramatic stream base flow reduction due to reduced groundwater recharge and increased groundwater pumping and diversion through sanitary sewers. This problem was corrected by returning highly treated effluent from the MMSD Nine Springs Wastewater Treatment Facility to the watershed to restore the base flow (the volume of returned effluent is the same as the volume of groundwater withdrawn by the City of Madison Water Utility from the groundwater of this watershed). The effluent return appears to have restored a healthy flow in Badger Mill Creek, allowing the WDNR to stock the stream with trout. Maximizing stormwater infiltration has also been a requirement for development in this watershed since the early 1990's. No additional adverse impacts are expected.

School System Impacts. The proposed amendment area is in the Verona Area School District. The proposed addition will be developed with approximately 170 new single-family units. Additional school enrollments from the amendment area would include about 22 elementary school students, 18 middle school students and 17 high school students.

7. Alternatives

The City of Madison *Peripheral Area Development Plan* (1990) examined alternative locations for future development and makes recommendations for land use in the peripheral area beyond the current edge of urban development. Following the requirements of the *Peripheral Area Development Plan*, a detailed neighborhood development plan was prepared for the High Point-Raymond neighborhood and adopted by the Madison Common Council in December 1997 with amendments in December 2001, November 2005 and March 2006. This application requests amendment of the Central Urban Service Area to include a portion of the Phase 2B staging area identified in the *High Point-Raymond Neighborhood Development Plan*.

Alternatives to development at this location are increased density within the current urban service area, addition to the USA in another location, and no expansion of the USA. According to the standards outlined in NR 121, and the USA expansion flexibility standards of the current *Dane County Water Quality Plan*, the Central Urban Service Area can expand up to a maximum of 8,924 developable acres by 2030. The *Water Quality Plan* does not provide for “no-growth” urban service areas if they fulfill the conditions, standards, and requirements of adding to the USA as outlined in the *Water Quality Plan*.

The option of adding to the USA in another location should be weighed against the potential adverse impacts in the alternate location. The Badger Mill Creek watershed is a substantially urbanized watershed with over 50% of its area already committed to urban land uses. Extensive urban infrastructure and impact mitigation planning has gone into this watershed, and most of these implemented already. It would appear that developing in a watershed which has already been impacted by urban development and is equipped to handle these impacts, is a better option than opening a relatively pristine new watershed to urban development.

The option of increasing density within the current USA has been a long-term goal of the *Dane County Water Quality Plan* and the *Dane County Land Use and Transportation Plan*, and is pursued wherever possible. Densities in urban service areas have been increasing since the early 1990’s and are expected to continue to increase. High density redevelopment that has been occurring in downtown Madison is expected to help this trend. It is expected that the aging of the population, increasing energy costs, and the economics of ownership and development will have the more significant roles in driving this trend towards higher urban density.

8. Controversies, Comments Received, Unresolved Issues

The Town of Verona has been notified and no comments have been received. The Dane County Community Analysis and Planning Division will hold a public hearing on this amendment on June 15, 2006, at 4:00 p.m. in Room 103A of the City-County Building, 210 Martin Luther King, Jr. Boulevard, Madison, Wisconsin.

9. Conclusions and Staff Recommendation

Except for the need for expanded environmental corridors designation, the proposed amendment is consistent with the requirements of the *Dane County Water Quality Plan* concerning additions to urban service areas, and the objectives and policy goals of the *Dane County Land Use and Transportation Plan* and the *Water Quality Plan*.

The need for expanded environmental corridors designation is related to a determination of navigability made by the WDNR for a tributary of the Badger Mill Creek that extends 650 feet northerly from the Creek (see Map 5).

Staff tentatively recommends approval of the proposed amendment based on the land uses and materials submitted by the City of Madison, and conditioned on the City of Madison pursuing the following:

- Submit detailed stormwater management plan for the amendment area for CAPD and DCL&WC staff review and approval prior to land disturbing activities. The stormwater management plan should control post-development runoff rates to pre-development rates for all storms up to and including the 100-year storm, protect the water quality of receiving streams, prevent increased erosion, and provide infiltration to the maximum extent practicable (including rear-yard-line infiltration swales and infiltration of rooftop runoff where practicable).
- Include the navigable tributary of Badger Mill Creek (shown on Map 5) and associated 75-foot buffers (from the top of each bank or from the ordinary high water mark), as well as stormwater basins in environmental corridors

Report approved by Kamran Mesbah, Deputy Administrator/Director of Environmental Resources Planning, Dane County Community Analysis and Planning Division



WISCONSIN
HISTORICAL
SOCIETY

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Web: www.wisconsinhistory.org

30 May 2006

K. Mesbah
Community Analysis and Planning Division
City-County Building
210 Martin Luther King Drive
Room 362
Madison, WI 53703-2558

RE: Amending the *Dane County Water Quality Plan* by Revising the Central Urban Service Area Boundary and Environmental Corridors within the High-Point – Raymond Neighborhood, City of Madison, Town of Verona.

Dear Mr. Mesbah:

No previously recorded archaeological sites have been recorded for the project area. Considering the results of two large-scale surveys in the area, where archaeological sites were not identified, we do not believe an archaeological survey is required for this project.

Under Wisconsin law, Native American burial mounds, unmarked burials, and all marked and unmarked cemeteries are protected from intentional disturbance. If anyone suspects that a Native American burial mound or an unmarked or marked burial is present in an area, the Burial Sites Preservation Office should be notified. If human bone is unearthed during any phase of a project, **all work must cease**, and the Burial Sites Preservation Office **must be contacted** at 1-800-342-7834 to be in compliance with Wis. Stat. 157.70 which provides for the protection of all human burial sites. **Work cannot resume until the Burial Sites Preservation Office gives permission.** If you have any questions concerning the law, please contact the Coordinator of the Burial Sites Preservation Program at the Wisconsin Historical Society, Dr. Leslie Eisenberg at 608-264-6503.

If you have any questions, or if you need additional information, please feel free to contact me.

Sincerely;

John H. Broihahn
State Archaeologist
State Archaeology and Maritime Preservation
608-264-6496
jhbroihahn@whs.wisc.edu
(asi searches/Dane/ High_Point_Raymond_3_27_6)