

**Staff Analysis of Proposed Amendment to the *Dane County*
Water Quality Plan, Revising the
Deerfield Urban Service Area Boundary and Environmental Corridors
in the Town of Deerfield**

1. Applicant: Village of Deerfield

2. Description of Proposal

The proposed amendment would add 24.7 acres to the Deerfield Urban Service Area, including 5.1 acres of existing development and 7.1 acres of environmental corridors (see Table 1 and maps 1, 2 and 3). The area of existing development is a 5.1-acre lot with a single residence. There are currently no plans for the further development of this parcel. The net developable area is 12.5 acres, to be used for residential development accommodating 50 housing units and an estimated population of 117, including 29 school age children. The resulting residential density for the proposed development will be 10.2 units per acre (compared to the current USA density of 3.7 units per acre). The land proposed for addition to the USA is in the Town of Deerfield and is in the process of annexation to the Village.

Table 1: Deerfield Urban Service Area - Drumlin Hill - Town of Deerfield

Proposed Land Use	Density (units/acre)		Total (ac.)	% of Total	Housing Units	No. of Persons	No. of Students	Existing Develop.	Environ. Corridor	Developable
	Proposal	USA								
Single-Family Residential	2.7	3.0	6.0	24.3%	16	45	12	5.1		
Other Residential	8.5	10.4	4.0	16.2%	34	72	17			
Residential Total	10.2	3.7	10.0	40.5%	50	117	29	5.1		
Street R-O-W			2.5	10.1%						
Environmental Corridor			7.1	28.7%					7.1	
Existing Development			5.1	20.6%						
TOTAL			24.7	100.0%	50	117	29	5.1	7.1	12.5

Source: Village of Deerfield Planning Submittal and Dane County Community Analysis & Planning Division

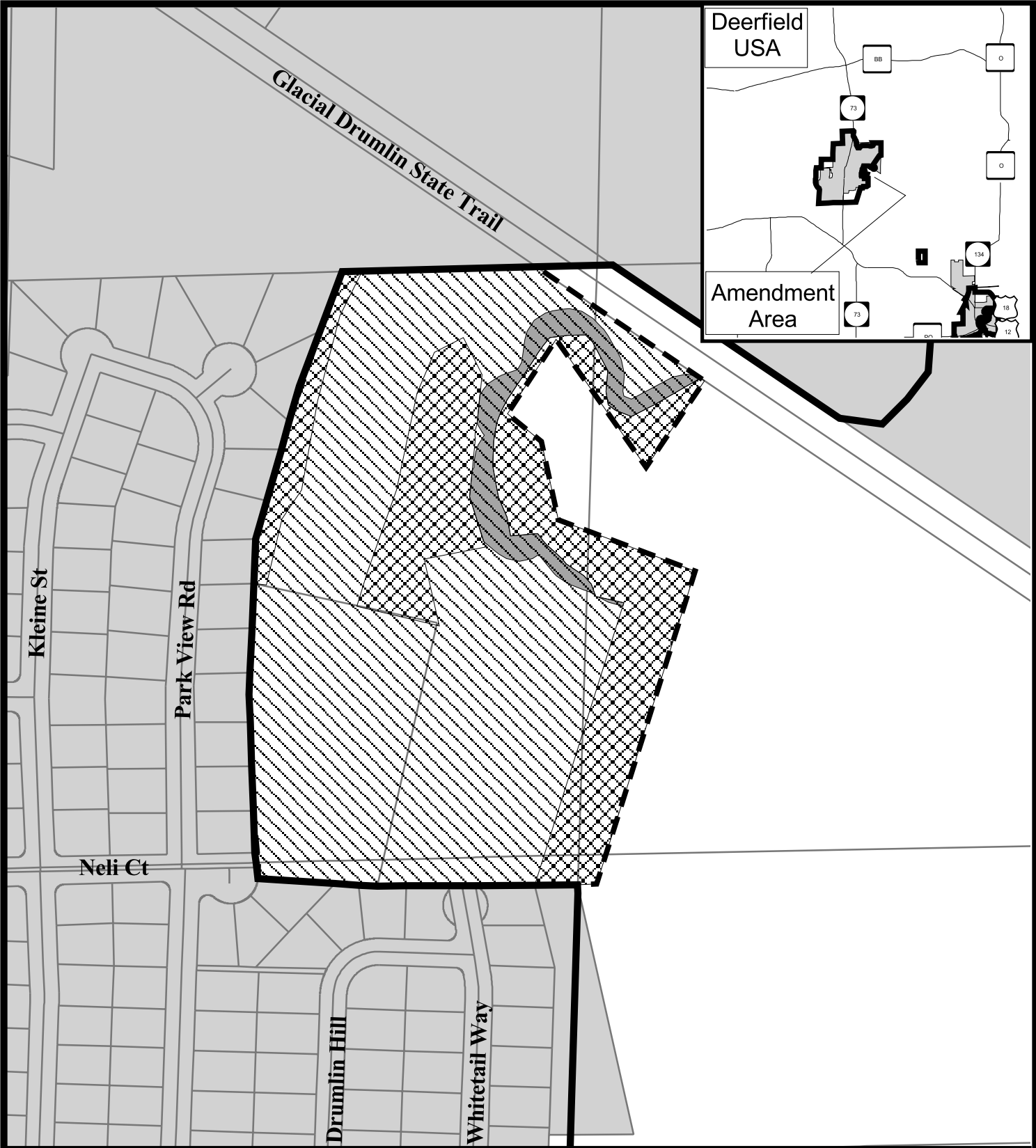
% Single Family:

32%






3. Existing Environment

Land Use. The northern half of the proposed amendment area is currently undeveloped woodlands. The southern half of the proposed amendment area is in agricultural use on the east, and has a 5.1-acre residential lot on the west. Land uses adjacent to the amendment are the following:

North: Deerfield Community Park and Glacial Drumlin State Trail (Village of Deerfield)
 East: Wetland, Agriculture (Town of Deerfield)
 South: Residential (Village of Deerfield)
 West: Residential (Village of Deerfield)



**Map 1
Amendment
to the Deerfield
Urban Service Area,
Town of Deerfield**

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

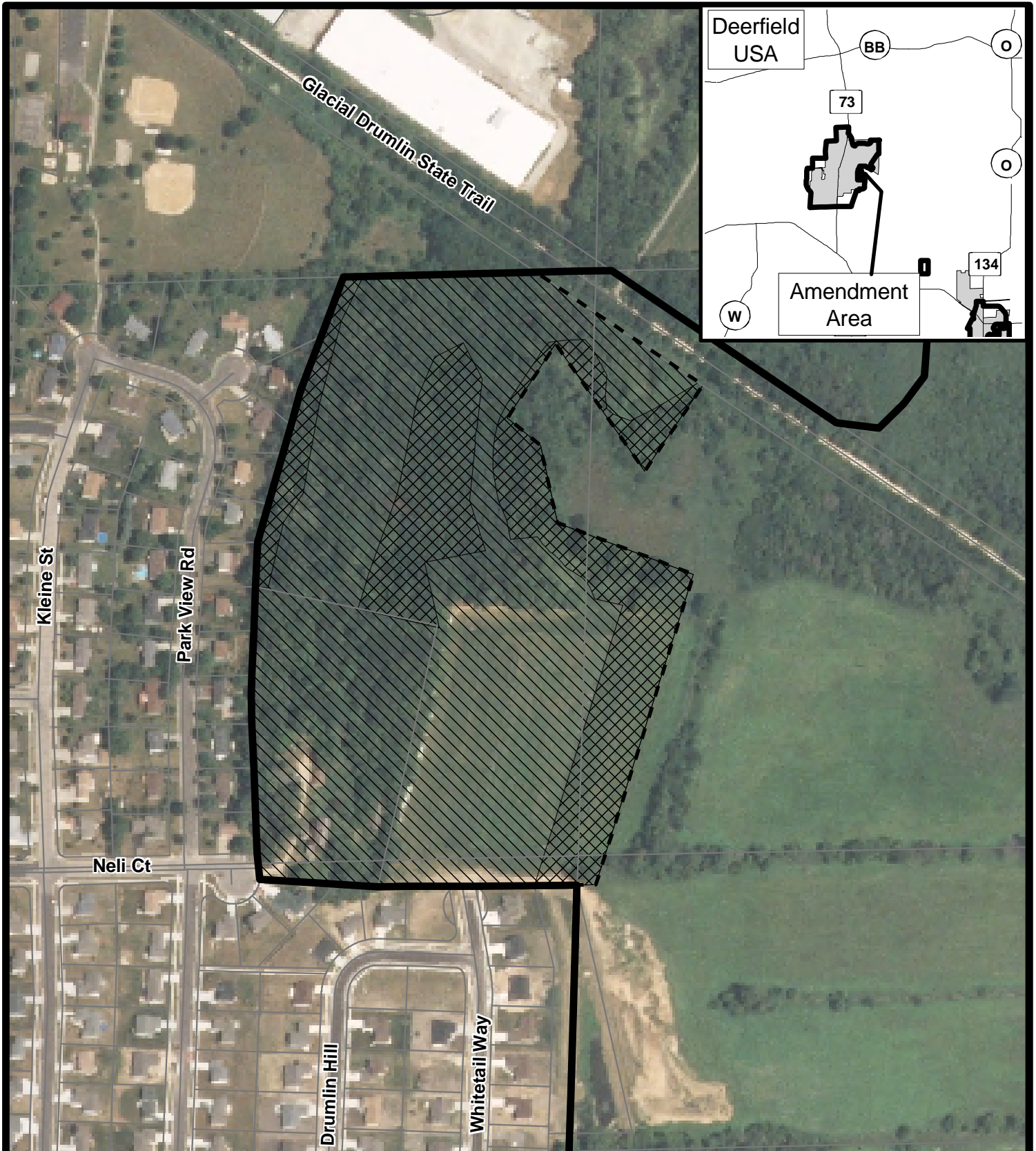
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


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Prepared by staff
of the DCCAPD.




**Map 2
Amendment
to the Deerfield
Urban Service Area,
Town of Deerfield**

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

2005 aerial courtesy of FSA/NRCS

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Prepared by staff
of the CAPD.

Natural Resource Features. The Deerfield Urban Service Area is situated in the Koshkonong Creek Watershed in eastern Dane County. The geology of the area is dominated by drumlins and low glacial lake beds overlain by post-glacial peat overlay. The amendment area is located on a drumlin with wetlands at its eastern edge. Approximately one-quarter mile east of the proposed amendment area, a tributary of Mud Creek flows northeasterly into Mud Creek about one-half mile downstream. Mud Creek supports a warm water forage fishery and flows north from its confluence with the mentioned tributary to join Koshkonong Creek about a mile farther downstream. Koshkonong Creek supports a warm water sport fishery.

The wetlands and floodplains associated with the tributary of Mud Creek, as well as steep wooded slopes in the amendment area, have been proposed for inclusion in environmental corridors. Depth to groundwater in the amendment area is 10-25 feet along the western edge, and less than 10 feet elsewhere.

Depth to the sandstone bedrock in the amendment area is over 50 feet, with the exception of a small portion of the northwest corner where bedrock is at 10 to 50 feet. The sandstone bedrock has inclusions of fractured dolomite.

The soils of the amendment area are in the Batavia-Houghton-Dresden Association. These are soils which have been formed in glacial outwash material, and are composed of silt loams and mucks that are underlain by sand, silt, and gravel. The sand and gravel substrate is typical of drumlins and creates an ideal opportunity for infiltration of clean stormwater. Table 2 summarizes the soil characteristics of the amendment area (also see Map 4). Prime agricultural soils comprise 22 percent of the amendment area. Soils posing severe limitations to development comprise 33 percent of the addition area (steep slopes and wetlands). The wooded steep slopes have been included in environmental corridors. This designation is highly encouraged and exceeds the minimum requirements of the *Dane County Water Quality Plan* where the steep slope is not adjacent to a water body. The wetlands and vegetative buffers are also proposed for inclusion in environmental corridors. The proposed buffer is less than the minimum 75-foot standard in four locations. These encroachments are proposed to accommodate an access drive and adequate building area on three lots.

An ephemeral pond is located immediately west of the proposed private access drive. This pond is part of the wetland complex and receives spring flow (both surface and ground water) from the wooded drumlin, providing important and sensitive habitat for wetland and water-dependent upland species (tree frogs, salamanders, etc.). This pond needs to be protected from hydrologic changes and polluted runoff, both of which can have detrimental impacts on the habitat functions of the pond.

Historic and archeological information on file at the State Historical Society does not indicate any recorded prehistoric or historic cultural sites within the proposed amendment. However, a comment letter (attached) from the State Historical Society indicates that “considering the presence of a site nearby, the landform involved, and previous surveys in similar environments, completing an archaeological survey before any land altering activities occur may be prudent.”

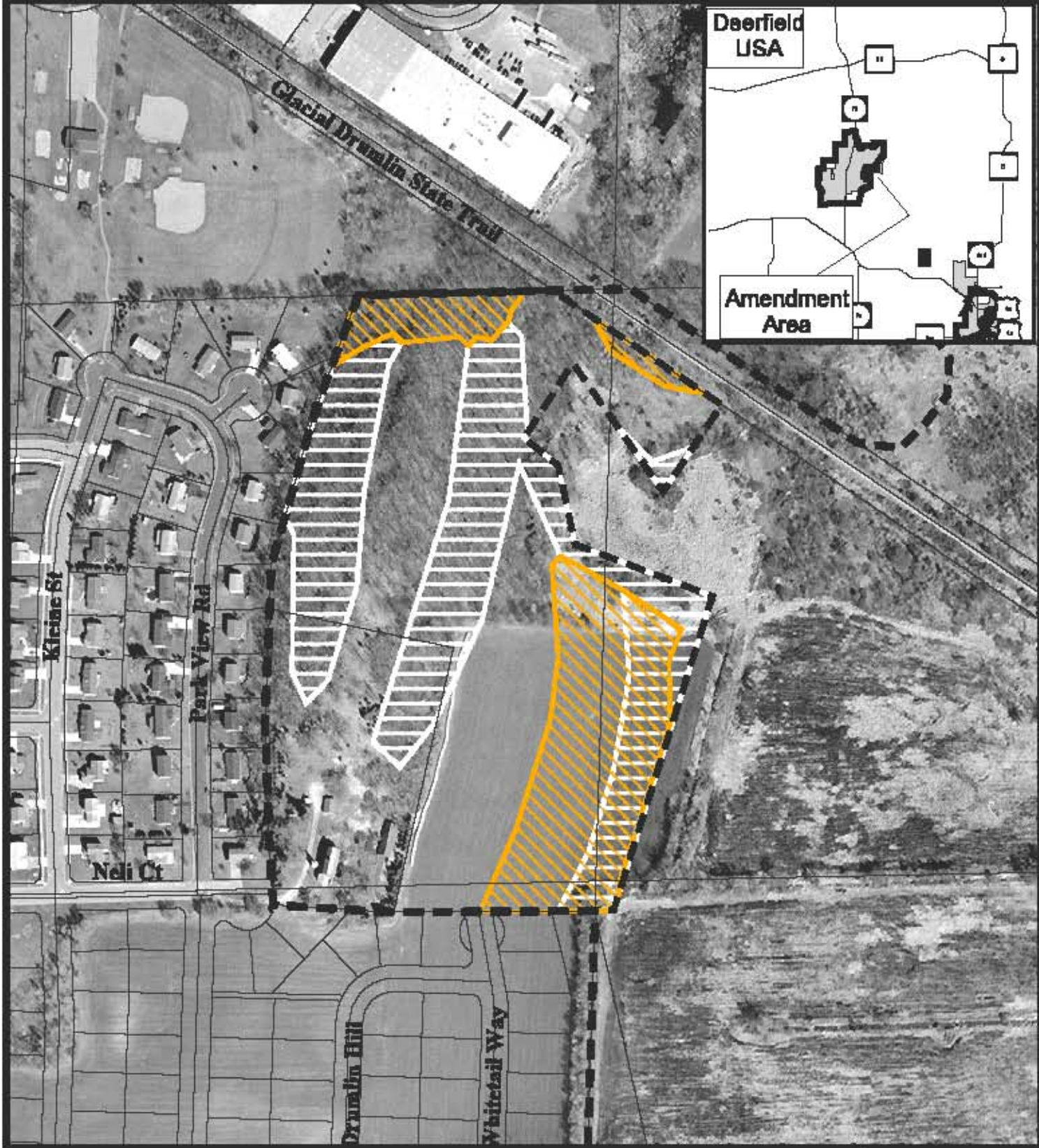
Available information from DNR Natural Heritage Inventory does not indicate the presence of any threatened or endangered species in the area.

Transportation System. The proposed amendment area is located one-half mile east of State Trunk Highway (STH) 73 and north of Neli Court. STH 73 is a two-lane north-south rural minor arterial. The amendment area is bounded on the northeast by the Glacial Drumlin State Trail.

There is no bus or taxi service currently available in the Village of Deerfield. There is a van pool ride-share program offered through the State of Wisconsin which does serve persons living in the community and rural areas.

Table 2 – Soil Characteristics


Soil	Percent of Area	Characteristics
Kidder loam, eroded; KdC2 (6-12 percent slopes), KrE2 (20-35 percent slopes)	49	Not a prime agricultural soil. Deep, well drained soils on glaciated uplands. Soils have medium fertility and moderate permeability (moderately rapid in substratum), and severe to very severe hazard of erosion. Poses moderate to severe limitation for development (slope, moderate bearing capacity in subsoil, shrink-swell potential, and stability).
Batavia silt loam, gravelly substratum; BbB, BbC2 (eroded)	31	Prime agricultural soil where slopes are less than 6 percent. Deep, well drained soils with high fertility, moderate permeability (rapid permeability in substratum), and moderate hazard of erosion, Poses moderate to slight limitation for development (low bearing capacity in substrate and shrink-swell potential). 150 Bu/acre corn yield.
Dresden silt loam, eroded; DsB, DsC2 (eroded)	9	Prime agricultural soil where slopes are less than 6 percent. Well drained soils formed on benches in loamy outwash stream valleys. Soils have medium fertility, and moderate permeability (rapid permeability in substratum), and moderate to severe hazard of erosion. Poses moderate to severe limitation for development (low stability in substrate and moderate shrink-swell potential). 110 Bu/acre corn yield.
Virgil silt loam, gravelly substratum; VwA	6	Prime agricultural soil. Deep, somewhat poorly drained soils with high fertility, and moderate permeability. Poses severe limitation for development due to seasonal high water table, poor stability in the substratum, and subject to piping and liquefaction when wet. 150 Bu/acre corn yield.
Houghton Muck; Ho	4	Not a prime agricultural soil. Deep, very poorly drained and nearly level soils with medium fertility, moderately rapid permeability, seasonally high water table, and subject to seasonal flooding. Poses very severe limitation to development due to seasonal high water table and flooding, low bearing capacity, and high compressibility.
Adrian Muck; Ad	1	Not a prime agricultural soil. Deep, very poorly drained and nearly level soils with low fertility, moderately rapid permeability in the organic part of the soils and rapid in the sand part. Water table is at or near the surface most of the year. Poses very severe limitation to development due to seasonal high water table and flooding.



**Map 4 Soil Characteristics
Amendment
to the Deerfield
Urban Service Area,
Town of Deerfield**

-  Prime Agricultural Soils
-  Severe Limitations for Development
-  Existing Urban Service Area Boundary
-  Proposed Urban Service Area Boundary

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Prepared by staff
to the DCCAPD.

The Glacial Drumlin State Trail runs through the Village adjacent to the amendment area, and the proposed development will expand the local bike and pedestrian trails and provide direct linkage to the Trail. There will be a public use easement for pedestrian and bicycle traffic to access the Community Park and the Glacial Drumlin Bike Trail from the north end of Whitetail Way. The development also provides a future connection to Neli Court.

Sidewalks will be provided according to the Village subdivision code standards. There are sidewalks along local streets in the existing residential development to the west and south of the amendment area.

4. Consistency or Conflict with Plans

The proposal is consistent with the Village of Deerfield Comprehensive Plan, adopted in December 2004. Annexation of the proposed amendment area to the Village of Deerfield was approved by the Town of Deerfield in March 2005, and the annexation is being completed by the Village.

The 2005 population estimate for the Village is 2,109. The Deerfield USA 2030 population forecast is 2,993. The Deerfield USA Housing and Land Use Analysis provides for a maximum urban service area of 1,075 acres to be consistent with the 2030 population forecast and existing densities. The current urban service area is 811 acres. Based on this information, the urban service area can expand by a maximum of 264 developable acres through 2030. The proposed amendment would add 12.5 acres of developable land to the urban service area, well within the allowed maximum addition.

The lands to be added to the urban service area are adjacent to Village utilities and are a logical expansion of development. The proposal will add land for residential land use reflecting a reconfiguration of the east boundary of the Village.

Table 3 summarizes the consistency of this proposal with the goals of the Vision 2020 *Dane County Land Use and Transportation Plan*. The proposed amendment is supportive of four goals:

1. With a density of 10.2 units per acre, compared to the Deerfield USA average of 3.7 units per acre, it promotes the goal of compact urban development.
2. The proposed mix of single family and multifamily housing supports the goal of providing a full range of housing choices.
3. Providing sidewalks and incorporating pedestrian and bicycle access to the Glacial Drumlin Bike Trail improve the transportation options of the proposed development and nearby neighborhoods, supporting the goal of providing an integrated, all-mode transportation system; and
4. By adding 7.1 acres of environmental corridors it promotes the goal of developing a system of open space corridors.

The proposed amendment strongly conflicts with the *Plan* goal of preserving agricultural lands because 22% of the addition contains prime agricultural soils and is in A-1 Exclusive zoning.

The proposal is neutral with respect to the six other *Plan* goals.

5. Description of Urban Services

Urban Transportation System. According to the plat map provided with the submittal (see Map 3), the proposed amendment will extend Whitetail Way to the north, ending approximately half way through the amendment area. Neli Court will be extended east to connect with Whitetail Way. The northern half of the amendment area will be served by a 30 foot wide private access which will continue north from the end of Whitetail Way to provide emergency access via the Glacial Drumlin Bike Trail and also provide bicycle and pedestrian access to the trail. The private access will also loop around the wooded reserve area and turn south to provide access to the housing units located on the ridge. There are no other practicable access points to the ridgetop. Sidewalks will be provided along all new streets, as required by the Village subdivision ordinance.

Public Water System. Water supply to the Village of Deerfield is provided by Well No.1 and Well No. 3. The total well pumping capacity is 750 gpm. The Village uses Well No. 1 for only 24 hours per week and is minimizing the use to avoid pulling in volatile organic compounds (VOCs) that were detected in this well. There is one 660,000 gallon elevated storage tank in the Village, with effective storage of 528,000 gallons. The current average daily water demand (year 2002) is 0.175 million gallons per day (mgd). The peak hourly demand is 570 gallons per minute (gpm). The current capacity is adequate to provide potable, industrial and fire-fighting water (3,000 gpm for 3.0 hours). However, if Well No. 1 is unavailable, or Well No. 3 fails, the capacity is not adequate for these services. The Village has begun the process to identify a location for an additional well, however construction of a new well is not expected for at least 4 years.

Municipal water service is proposed for the amendment area, to be provided by connection to the existing 8-inch water main on Whitetail Way. The extension will be looped into the water distribution system at the Industrial Park to the north of the Glacial Drumlin Bike Trail. The system has adequate pressure and capacity to serve the proposed development.

Wastewater. The proposed amendment area will be served by municipal sanitary sewerage through a connection to the 8-inch gravity main on Whitetail Way. The Village wastewater treatment plant was upgraded in 2003. The existing treatment plant has a rated capacity of 393,000 gallons per day (gpd), and received an annual average daily flow of 162,000 gpd in 2002. The treatment plant has adequate capacity to serve the proposed addition.

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 the 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: Amendment to the Deerfield Urban Service Area

Applicant & Submittal Date: Village of Deerfield, November 2005.

Stormwater Management System. Stormwater quality and quantity control measures have been proposed for the development. Drainage from the area is primarily from the ridgeline to the east toward the tributary of Mud Creek. The area west of the ridgeline drains to the west and northwest.

The crown of the ridge is proposed to be flattened, creating a nearly flat ridge top about 120 feet wide and 60 feet on either side of the roadway centerline. The area will be graded to provide a two to three degree pitch toward the easterly and southern side of the hill.

The stormwater plan proposes to satisfy the County stormwater ordinance standards through the use of a detention pond to be owned and maintained by the Village, and rain gardens and field terrace structures installed by the developer on privately owned lands. The detention pond will be located along the southeastern edge of the amendment area. The basin will be designed to control peak discharge rates from the development for the 2- and 10-year storm events to the pre-developed peak rates, and safely pass the 100-year storm event. It is proposed to incorporate sediment trapping per the Dane County erosion control ordinance, and discharge into an existing farm ditch which has been the path for this surface runoff for many years.

The facilities on private land will be preserved with easements, covenants and deed restrictions. They will be constructed in a manner to direct stormwater run-off into highly pervious zones discharging into glacial till at a depth greater than three feet, and at least four feet above the static groundwater table.

Environmental Corridors. The 7.1 acres designated as environmental corridors in the proposed amendment include wooded, steep slopes east and west of the ridge line, and a buffer area adjacent to nearby wetlands. The proposed buffer is less than 75 feet in four locations (see Map 1). One of these accommodates an access drive. Any attempt to move the drive away from the wetlands would require excavation into the side of the drumlin, potentially destabilizing the steep slopes. The environmental corridors policies allow streets and utilities to encroach into a buffer where practicable alternatives are not available.

The proposed designation of steep wooded slopes on the west side of the drumlin as environmental corridors exceeds the minimum requirements of the *Dane County Water Quality Plan*. This is because the slope is not adjacent to a body of water.

Public Areas and Facilities. Deerfield Community Park and the Glacial Drumlin Bike Trail are adjacent to the amendment area.

Public Safety Services. The proposed amendment is 1.5 miles from the fire and EMS station, with an estimated response time of four minutes. The Village is working with the Wisconsin Department of Natural Resources to establish an emergency access across the Glacial Drumlin Bike Trail.

Police service will be provided by the Village of Deerfield Police Department, which is staffed by 3 full-time officers or 1.4 officers per 1,000 population, adequate for a Village of this size.

Other Urban Services. Other urban services, including solid waste collection, will be provided through the existing delivery system of the Village.

6. Impacts or Effects of Proposal

Runoff and Storm Drainage Impacts. The potential impacts of urban development typically include increases in stormwater runoff rates and volumes, and the introduction of additional contaminants to receiving wetlands, streams, and lakes. This would result from roadways, parking areas and building construction.

The conceptual stormwater plan for the amendment area includes a regional pond that would receive runoff from roadways and parking areas. Infiltration areas are also proposed on the wooded slopes to reduce the volume of runoff. Construction erosion control measures consistent with Dane County standards will be implemented prior to land disturbance and strictly enforced by the Village.

The following potential impacts require close attention and proper mitigation:

- Construction erosion can be severe due to steep gradients on the site. It is crucial that the wetlands are protected from all direct runoff during construction (site construction as well as building construction). Polymers should be used on disturbed areas as well as in catch basins (in the form of polymer sacks). Disturbed areas should be stabilized and covered as soon as possible. This site will require aggressive construction erosion measures and enforcement.
- Stormwater generated on top of the drumlin will require a stable conveyance system as well as effective energy dissipater structures to prevent erosion. The conveyance system would have to pass the 100-year storm flow safely.
- Infiltration trenches and terraces on the face of the slope can result in gully erosion during large storms, and the concentrated groundwater recharge can result in piping at the toe of the slope, resulting in a toe slide. Infiltration of clean rooftop runoff should be attempted on the top of the drumlin on flat areas using rain gardens with overflow into the stormwater conveyance system. If a trench system is used, it should similarly be located on flat areas at the top of the drumlin, with overflow into the stormwater conveyance system.
- Additional stormwater runoff toward the south and west sides of the drumlin can cause flooding for the parcels at the base of the drumlin. The stormwater plan should prevent additional erosion and flooding for all surrounding parcels as well as downstream areas.
- The ephemeral pond is dependent on groundwater discharge. The proposed private drive should be designed with a culvert to convey the seepage from the eastern base of the drumlin to the pool without mixing with polluted runoff.
- All polluted runoff should be conveyed directly to the detention basin to prevent discharge of pollutants to the ephemeral pond. Protection of the ephemeral pond from polluted runoff is crucial to the preservation of a healthy habitat in the ephemeral pond.
- Environmental corridors should be delineated based on the 2005 wetland delineation. The 1999 wetland delineation was only approved by the DNR for golf course purposes, and is not applicable for the proposed development. The buffer on the east side of the access drive should be maximized by locating the drive as close to the drumlin as possible maintaining the natural gradient of the drumlin

(without triggering the need for excavation into the hill). The drive should have curb and gutter to prevent the discharge of polluted runoff into the ephemeral pond or the wetlands. The area between the drive and the ephemeral pond and wetlands should be a no-mow-no-spray area with native plantings.

- Reduced wetland buffer for lots 8 and 9 (from 75 feet to 40 and 45 feet respectively) would not have significant adverse impact on the wetlands if the backyard runoff is directed to the detention pond to the east of lot 8.
- Reduced buffer for the area between the ephemeral pond and the Glacial Drumlin Bike Trail would have adverse impacts on the ephemeral pond. A full 75-foot no-mow-no-spray vegetative buffer using the 2005 wetland delineation is needed in this area to protect this sensitive habitat from herbicide and pesticide tainted runoff. The rest of this lot can be used for development if stormwater treatment is provided in raingardens with overflow directed to the wetlands (not to the ephemeral pond).
- The amendment area discharges to a wetland complex and can have adverse impact on the wetlands. Therefore, the stormwater pond needs to meet higher water quality standards than the Dane County minimum standards. The pond should be designed to achieve 80% TSS removal efficiency for storms up to the 2-year storm.
- Discharge of concentrated stormwater flows can result in channel erosion in wetlands. Therefore, the stormwater management plan should provide safeguards to prevent erosion, and control post-development peak flows to pre-development peak flows for all storm events up to and including the 25-year storm
- Groundwater subsidence is not an issue in this area, therefore meeting Dane County infiltration standards will provide adequate protection. However, it is important that the hydrology of the ephemeral pond be preserved through the conveyance of seeps and baseflow to the pond. It is also important that the effect of concentrated infiltration practices on the stability of steep slopes be thoroughly evaluated as part of the design of such practices.

School System Impacts. The proposed development is in the Deerfield School District and would add 29 new students. The Deerfield School District has a 2003-2004 enrollment of 718, the second year of declining enrollment. The district has adequate capacity to serve the new development.

7. Alternatives

This proposed development represents a logical and efficient extension of urban services in the area.

8. Controversies, Comments Received, Unresolved Issues

A public hearing before the Division Administrator of the Community Analysis and Planning Division of the Dane County Department of Planning and Development is scheduled for December 16, 2005. The Town of Deerfield has been notified of the hearing. No comment has been received by CAPD as of this writing.

9. Conclusions and Staff Recommendations

The proposed amendment presents site and construction challenges. This will require proactive and vigilant inspection and enforcement of construction erosion practices and construction standards to prevent adverse impact on adjacent wooded steep slopes, wetlands, and sensitive habitat.

The proposal meets the criteria for the provision of a full range of urban services as well as higher density goals. The proposed encroachment by residential development into the 75-foot vegetative buffer for the ephemeral pond located in the northeast corner of the amendment area would have adverse impacts on the sensitive habitat provided by this pond.

Therefore, staff tentatively recommends the approval of the proposed amendment to the *Dane County Water Quality Plan*, except the encroachment of residential development into the 75-foot vegetative buffer for the ephemeral pond, based on the proposed land uses, urban services, and measures outlined in the Village of Deerfield submittal, and conditioned on the Village of Deerfield pursuing the following:

1. Submit a detailed stormwater quality and quantity management plan for the amendment area for CAPD and DCLCD staff review and approval prior to development. Stormwater management measures should include the following:
 - Install facilities prior to other land disturbing activities.
 - Protect the ephemeral pond from polluted stormwater runoff.
 - Maintain the pre-development hydrology of the ephemeral pond.
 - Provide a stable stormwater conveyance system to safely carry stormwater runoff from the top of the drumlin to the stormwater pond (for all storm events up to and including the 100-year storm).
 - Provide water quality management measures to provide 80% TSS capture efficiency for all storms up to and including the 2-year event.
 - Control post-development runoff rates to pre-development rates for all storms up to and including the 25-year storm.
 - Protect downstream areas from increased flooding and erosion.
 - Evaluate the impact of infiltration practices on the stability of steep slopes.
2. Designate all wetlands (2005 delineation) and 75-foot wetland buffers, and steep ($\geq 12\%$) wooded slopes as environmental corridors. Reduced vegetative buffers of 40 feet for Lot 8, 45 feet for Lot 9, and 15 feet for the ephemeral pond for the construction of an access drive, are acceptable if mitigation measures are implemented. For Lots 8 and 9, implementation measures include diverting rear yard runoff to the stormwater pond located to the southeast. For the ephemeral pond, the buffer should be a no-mow no-spray buffer of native plantings from the edge of the access drive. The proposed access drive should include curb and gutter to prevent discharge of polluted runoff into the ephemeral pond.

It is also recommended that the Village conduct an archaeological survey of the amendment area prior to other land disturbing activities. Provide 2 copies of the survey report to the SHS.

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

1 December 2005

K. Mesbah
Dane County Regional Planning Commission
30 West Mifflin Street
Suite 402
Madison, WI 53703-2558

RE: Amending the Dane County Water Quality Plan by Revising the Deerfield Urban Service Area Boundary and Environmental Corridors in the Town of Deerfield.

Dear Mr. Mesbah:

No previously reported archaeological sites or burial sites have been identified within the project area. Considering the presence of a site nearby, the landform involved, and previous surveys in similar environments, completing an archaeological survey before any land altering activities occur may be prudent. When the work is completed, please provide us with two (2) copies of the archaeologist's report.

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
Office of the State Archaeologist
Deputy State Archaeologist
608-264-6496
jhbroihahn@whs.wisc.edu
(asi searches/Dane/Deerfield112_05)