

Resolution CARPC No. 2010-7

Amending the *Dane County Land Use and Transportation Plan* and *Dane County Water Quality Plan* by Revising the Oregon Urban Service Area Boundary and Environmental Corridors in the Town of Oregon

WHEREAS, the Capital Area Regional Planning Commission has adopted, amended and reaffirmed the *Dane County Land Use and Transportation Plan* and *Water Quality Plan*; and

WHEREAS, said plans delineate urban service areas as amended through April 2010; and

WHEREAS, the Village of Oregon has requested an addition to the Oregon Urban Service Area, and is consistent with the Village of Oregon Comprehensive Plan, adopted July 2004 and as amended; and

WHEREAS, a staff analysis of the proposed amendment has been prepared, which indicates that the amendment is generally consistent with adopted regional plans and policies.

NOW, THEREFORE, BE IT RESOLVED that in accordance with §66.0309, Wis. Stats., and Sec. 208 of Public Law 92-500, the Capital Area Regional Planning Commission amends the *Dane County Land Use and Transportation Plan* and recommends the amendment of the *Dane County Water Quality Plan* by revising the Oregon Urban Service Area boundary and environmental corridors as shown on the attached map.

Adoption of this amendment is based on the land use and urban service plans submitted in support of this amendment, and conditioned on the Village of Oregon pursuing the following:

1. Submit a detailed stormwater management plan for CARPC and DCL&WCD staff review and approval prior to any land disturbing activities in the amendment area. The stormwater management plan should include the following:
 - a. Install stormwater practices prior to other land disturbing activities and protect these practices from compaction and sedimentation during land disturbing activities or restore them after land disturbing activities are completed
 - b. Provide at least 80% sediment control for the amendment area in accordance with existing ordinances
 - c. Provide oil and grease control from commercial parking lots in accordance with local ordinances
 - d. Account for the existing kettles when determining pre-development peak flow rates and stay-on volumes
 - e. Control peak rates of runoff as follows:
 - i. To predevelopment rates for the 1- and 2-year 24-hour design storms (i.e. maximum Runoff Curve Number = 68 for hydrologic soil group B)
 - ii. To the 2-year 24-hour predevelopment rate for the 10-year 24-hour design storm in accordance with the Village's proposed stormwater ordinance

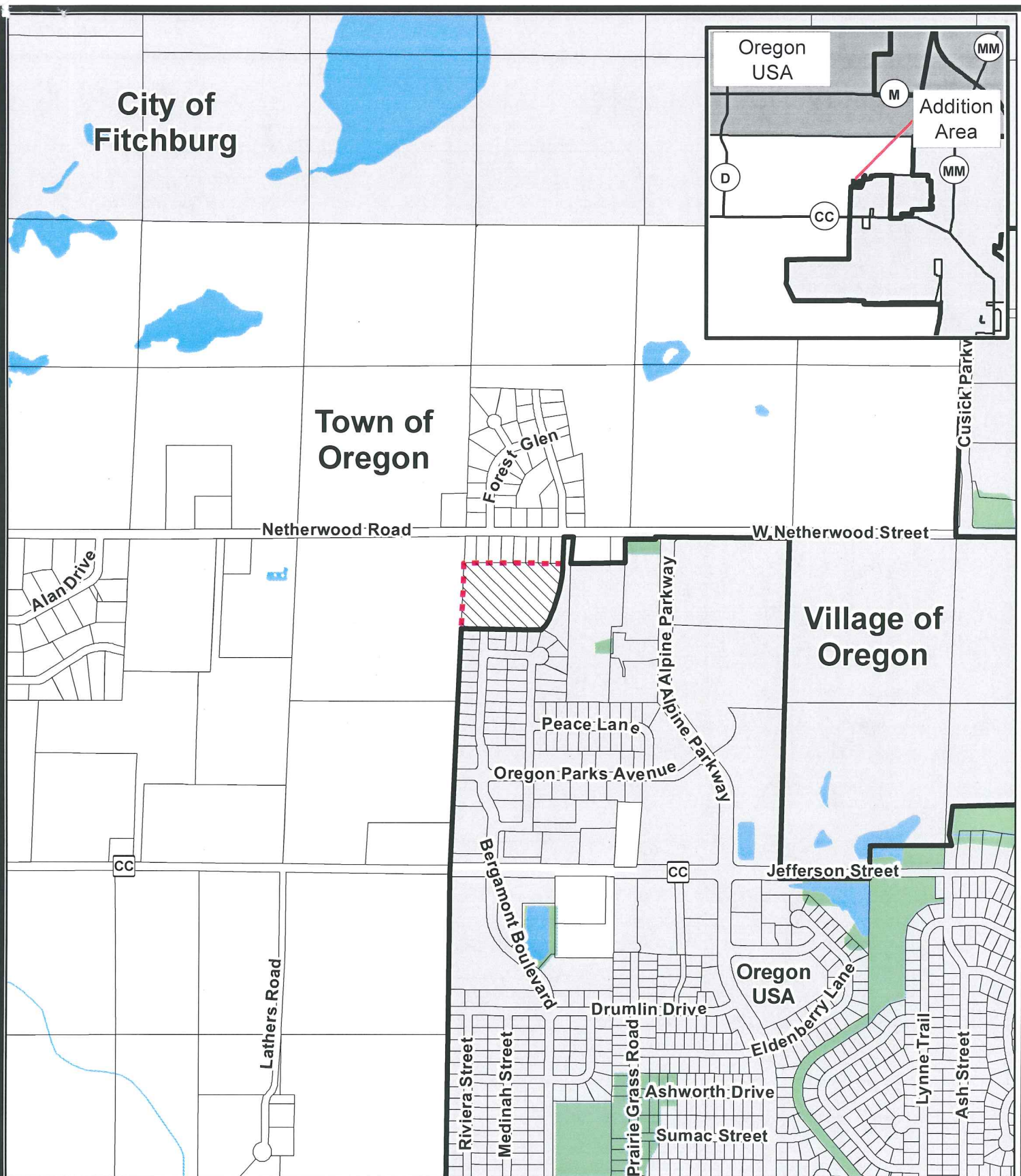
- iii. To the 10-year 24-hour predevelopment rate for the 100-year 24-hour design storm in accordance with the Village's proposed stormwater ordinance
- f. Maintain the post development stay-on volume to at least 90% of the pre-development stay-on volume for the one-year average annual rainfall period, as defined by WDNR
- g. Maintain pre-development groundwater recharge rates from the Wisconsin Geological and Natural History Survey's 2009 report, *Groundwater Recharge in Dane County, Wisconsin, Estimated by a GIS-Based Water-Balance Model* (9 to 10 inches per year for the amendment area) or by a site specific analysis
- h. Provide deep tilling or roto-tilling and compost addition to restore open areas compacted during construction. If compaction mitigation is not performed then soil types must be lowered one permeability class for hydrologic calculations and post development recharge rates in pervious areas must be reduced to half of pre-development rates.
- i. If buildings with sump pumps are allowed in areas with seasonal high groundwater, then the stormwater management plan must account for this additional water volume in the design of the stormwater management facilities.
- j. Stormwater practices should be publicly managed, or have a perpetual legal maintenance agreement finalized with the Village, providing easements for Village access if maintenance is required.
- k. Include stormwater management facilities in environmental corridors

It is also recommended that the Village of Oregon pursue the following:

- 1. Attempt to maintain the post development stay-on volume to 100% of the pre-development stay-on volume for the one-year average annual rainfall period, as defined by WDNR
- 2. Use the Village's wastewater collection system televising and inspection program to identify infiltration problem areas and implement corrective measures to reduce clear water inputs into the collection system.
- 3. Continue to work with other municipalities in mitigating regional groundwater declines resulting from municipal well withdrawals, including participating in the update of the regional groundwater model, enhanced recharge, water conservation, and reuse practices.
- 4. Update the Village official map to reflect the planned street system shown in its comprehensive plan. The submittal references an official map dated May 1998.

May 13, 2010
Date Adopted

Phil Van Kampen 
Phil Van Kampen, Chairperson



Map 1
Amendment to the
Oregon Urban Service
Area and Environmental
Corridors in the Town
of Oregon

- Service Area to be added (9.0 acres)
- Proposed Environmental Corridor (0.0 acres)
- Existing Environmental Corridor
- Incorporated Area
- Existing Urban Service Area Boundary
- Proposed Urban Service Area Boundary

18 March 2010

0 1,000 Feet

Prepared by staff of the CARPC.