

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF COASTAL AND LAND USE PLANNING

Adopted Amendment to the Tri-County Water Quality Management Plan

Public Notice:

Camelot, Phase III

Take notice that **AUG 28 2014**, pursuant to the provisions of the New Jersey Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., and the Statewide Water Quality Management Planning rules (N.J.A.C. 7:15-3.4), an amendment to the Tri-County WQMP was adopted by the Department of Environmental Protection (Department). This amendment will modify the current Gloucester County Utilities Authority (GCUA) wastewater management plan (WMP), adopted by the Department on December 10, 2008. This amendment, submitted on behalf of Aura Development Group, LLC, expands the sewer service area (SSA) of the GCUA wastewater treatment plant (WWTP) to include portions of Block 196.01, Lot 4; Block 197, Lot 1; and Block 198.10, Lot 1 located in the Borough of Glassboro, Gloucester County. The SSA expansion will accommodate the proposed development of Camelot, Phase III, Sections 1 & 2, consisting of: 66 3-bedroom townhomes; one 3-bedroom single family home; 120 2-bedroom apartments; 4,800 square feet of community center use; 75,000 square feet of commercial/retail use; and restaurant seating to accommodate 1,000 patrons.

This amendment has been reviewed in accordance with the Water Quality Management Planning rules, N.J.A.C. 7:15-1 et seq. and P.L. 2011 c.203 as amended and supplemented by P.L. 2013 c.188. The Department, in consultation with the applicable wastewater management planning agency, may approve the inclusion of land within a SSA notwithstanding that existing treatment works may not currently have the assured capacity to treat wastewater from such land without infrastructure

improvements or permit modification. Therefore, amendments to modify a SSA may be approved if such actions are compliant with the applicable sections of the Water Quality Management Planning rule (N.J.A.C. 7:15) regardless of whether capacity has been fully assessed.

Notwithstanding, the projected wastewater flow of the project has been evaluated in accordance with N.J.A.C. 7:15-5.25(h)1. The subject development's proposed wastewater flow, calculated in accordance with N.J.A.C. 7:14A-23.3, is 0.09 million gallons per day (MGD). Currently, the GCUA WWTP (NJDPES #NJ0024686) is permitted to discharge up to 27 MGD of treated wastewater to the Delaware River. Based on an average of the monthly average flow for the most recent twelve month period for which discharge monitoring data is available, the existing wastewater flow discharged from GCUA WWTP was calculated to be 19.3 MGD. The addition of the proposed development's projected wastewater flow, estimated as 0.09 MGD, would not cause the wastewater generation potential of the expanded SSA to exceed the permitted capacity of the GCUA WWTP.

In accordance with N.J.A.C. 7:15-5.24 and 5.25, environmentally sensitive areas (ESAs) have been assessed to determine what areas of the project are appropriate for inclusion in the proposed SSA. ESAs evaluated include, but are not limited to: habitat for threatened and endangered species as identified on the Landscape Project Maps of Habitat for Endangered, Threatened or Other Priority Species, Natural Heritage Priority Sites, riparian zones, wetlands, steep slopes, Coastal Fringe, Coastal Rural and Coastal Environmentally Sensitive Planning Areas, beaches, coastal high hazard areas, and dunes.

Pursuant to N.J.A.C. 7:15-5.24, ESAs are defined as contiguous areas of 25 acres or larger consisting of habitat for threatened and endangered species as identified on the Landscape Project Maps of Habitat for Endangered, Threatened or Other Priority

Species, Natural Heritage Priority Sites, Category One (C1) special water resource protection areas, and wetlands, alone or in combination. These ESAs are not included in the proposed SSA.

In accordance with N.J.A.C. 7:15-5.24(b)1, to determine areas designated as threatened or endangered species habitat, the Department utilized the Division of Fish and Wildlife's Landscape Project Maps of Habitat for Endangered, Threatened or Other Priority Species, version 3.1. Areas identified by the Landscape Project as being suitable habitat for threatened and endangered species Ranks 3 (State threatened), 4 (State endangered), and 5 (Federal endangered or threatened) are not to be included in proposed SSAs except as provided under N.J.A.C. 7:15-5.24(e) – (h), or unless a site has undergone a site specific Habitat Suitability Determination prepared in accordance with N.J.A.C. 7:15-5.26 that found the site to be not suitable habitat, or pursuant with N.J.A.C. 7:15-5.24(g)2, the Department determined the ESA is not critical to a population of endangered or threatened species the loss of which would decrease the likelihood of the survival or recovery of the identified species. Review of the project site has determined that no threatened or endangered species habitat exists on site.

In accordance with N.J.A.C. 7:15-5.24(b)2, areas mapped as Natural Heritage Priority Sites are not to be included in proposed SSAs, except as provided under N.J.A.C. 7:15-5.24(e) – (h). Review of the project site has determined that no Natural Heritage Priority Sites exist on site.

In accordance with N.J.A.C. 7:15-5.25(h)5i, riparian zones shall be protected. Riparian zones or buffers are established along all surface waters, based on the surface water body's classification designated at N.J.A.C. 7:9B, under the following regulations: the Flood Hazard Area Control Act Rules, the Stormwater Management rules, and the Water Quality Management Planning rules.

In accordance with N.J.A.C. 7:15-5.24(b)4, areas mapped as wetlands pursuant to N.J.S.A. 13:9A-1 and 13:9B-25 are not to be included in proposed SSAs, except as provided under N.J.A.C. 7:15-5.24(e) – (h). In accordance with N.J.A.C. 7:15-5.24(e)2, Letter of Interpretation (LOI) # 0806-02-0003.1 FWW 020001, dated September 8, 2003, its amendment LOI # 0806-04-0001.1 FWW 040001, and LOI # 0806-04-0001.1 FWW 040001 dated July 19, 2004, were submitted. Areas subject to those LOIs which were delineated as wetlands, including any associated buffers, are not included in the proposed SSA.

In accordance with N.J.A.C. 7:15-5.25(h)6, proposed development disturbance is not to be located in areas with steep slopes, defined as any slope greater than 20 percent. There are no steep slopes on the subject site.

In accordance with N.J.A.C. 7:15-5.24(c), lands within certain coastal planning areas (Coastal Fringe, Coastal Rural, and Coastal Environmentally Sensitive Planning Areas) are not included in the SSA. The project site is not in a coastal planning area. In accordance with N.J.A.C. 7:15-5.24(d)1, areas with Federal 201 grant limitations that prohibit the extension of sewers to serve development in specified areas such as wetlands and floodplains are excluded from proposed SSAs. There are no grant conditions for this site.

In accordance with N.J.A.C. 7:15-5.25(h)3 the water supply need for the proposed project has been evaluated. The proposed project would be served by the public water supply provided by the Borough of Glassboro Water and Sewer Department, which is currently permitted under water allocation permit number WAP 5135 and PWSID No.: 0806001 to allocate 140.65 million gallons per month (MGM) and currently has a water supply surplus of 23.956 MGM. The proposed water demand

of the project, calculated in accordance with N.J.A.C. 7:15-5.25(f)1i, is 3.495 MGM; therefore, sufficient water supply is available to serve the proposed development within the existing water allocation permit.

In accordance with N.J.A.C. 7:15-5.25(h)4, a project or activity's stormwater management is to be evaluated. Compliance with this standard shall be demonstrated by the adoption of a municipal stormwater management ordinance that conforms with the requirements of N.J.A.C. 7:8 (Stormwater Management Rules). The Borough of Glassboro has adopted stormwater control ordinance §06-35 amending Chapter 107, Article X of the Borough code which complies with the performance standards of the Stormwater Management Rules. Consequently the requirements of N.J.A.C. 7:15-5.25(g)1 for stormwater control have been satisfied.

This amendment proposal was noticed in the Department Bulletin on July 9, 2014 at Volume #38, Issue #13 and no comments were received during the comment period.

This amendment represents only one part of the permit process and other issues may need to be addressed prior to final permit issuance. Additional issues which may need to be addressed may include, but are not limited to, the following: compliance with stormwater regulations; antidegradation; effluent limitations; water quality analysis; exact locations and designs of future treatment works (pump stations, interceptors, sewers, outfalls, wastewater treatment plants); and development in wetlands, flood prone areas, designated Wild and Scenic River areas, or other environmentally sensitive areas which are subject to regulation under Federal or State statutes or rules.



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8/28/14
Date

