



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
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Water Management Act (MGL c 21G) 20-Year Permit Renewal
Blackstone River Watershed

Under MGL c 21 G, The Massachusetts Water Management Act, the Department of Environmental Protection (MassDEP) issues permits to anyone who withdrawals 100,000 gallons per day or more for any period of three consecutive months or more. Water Management Permits are issued on a 20-year cycle for each of the 27 major watersheds in Massachusetts. All permits in a watershed expire on the same date.

The initial 20-year permit cycle in the Blackstone River watershed will expire on February 28, 2009. Permittees can apply to renew their Water Management permits between 120 and 90 days before the permits expire. Any proposed increase in permitted withdrawal volume must be requested through a full permit application. The withdrawal volumes listed below are those requested in the permit renewal application. In cases where permittees will need more water during the next 20 years than is authorized in their expiring permit, they will need to apply for a new permit for the additional water prior to increasing their withdrawals.

The Department has received permit renewal applications from the following permit holders in the Blackstone River watershed:

Auburn Water Department, Permit 9P-2-12-017.01

- Permit Renewal requested a withdrawal of up to 1.58 million gallons per day (mgd) (expiring permit = 1.75 mgd)

Aquarion Water Company, Permit 9P-2-12-186.01

- Registered for historic withdrawals (1981-1985) of 1.03 mgd from the Blackstone watershed
- Registered for historic withdrawals (1981-1985) of 0.78 mgd from the French watershed
- Permit Renewal requested a withdrawal of up to 1.07 mgd (expiring permit = 0.99 mgd)

Bellingham Department of Public Works, Permit 9P-2-12-025.02

- Registered for historic withdrawals (1981-1985) of 0.77 mgd from the Blackstone watershed
- Registered for historic withdrawals (1981-1985) of 0.39 mgd from the Charles watershed
- Permit Renewal requested a withdrawal in the Charles watershed of up to 0.49 mgd (expiring permit = 0.97 mgd)
- Permit Renewal requested a withdrawal in the Blackstone watershed of up to 0.49 mgd (expiring permit = 0.97 mgd)

Blackstone National Golf Club, Permit 9P4-2-12-290.02

- Permit Renewal requested a withdrawal of 0.1 mgd during the irrigation season (expiring permit = 0.1 mgd)

Blackstone Water Department, Permit 9P-2-12-032.01

- Registered for historic withdrawals (1981-1985) of 0.44 mgd
- Permit Renewal requested a withdrawal of up to 0.51 mgd (expiring permit = 0.51 mgd)

Douglas Water Department, Permit 9P-2-12-077.01

- Registered for historic withdrawals (1981-1985) of 0.2 mgd

This information is available in alternate format. Call Donald M. Gomes, ADA Coordinator at 617-556-1057. TDD# 1-866-539-7622 or 1-617-574-6868.

MassDEP on the World Wide Web: <http://www.mass.gov/dep>

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- Permit Renewal requested a withdrawal of up to 0.17 mgd (expiring permit = 0.17 mgd)
- Grafton Water District**, Permit 9P4-2-12-110.04
- Registered for historic withdrawals (1981-1985) of 0.6 mgd
 - Permit Renewal requested a withdrawal of up to 1.08 mgd (expiring permit = 0.93 mgd)
- Hopedale Water Department**, Permit 9P4-2-12-138.01
- Registered for historic withdrawals (1981-1985) of 0.41 mgd
 - Permit Renewal requested to continue to withdraw registered volumes from Greene St. Bedrock Wells 2 and 3, no withdrawal volumes above the registered withdrawal are permitted
- Massachusetts Holding Corporation** (previously known as Interface Fabrics, Inc.), Permit 9P3-2-12-077.02
- Permit Renewal requested a withdrawal of 1.5 mgd (expiring permit = 1.0 mgd)
- New England Country Club**, Permit 9P-2-12-025.01
- Permit Renewal requested a withdrawal of 0.31 mgd during the irrigation season (expiring permit = 0.31 mgd)
- North Attleborough Water Department**, Permit 9P2-4-12-211.01
- Registered for historic withdrawals (1981-1985) of 0.43 mgd in the Blackstone watershed
 - Registered for historic withdrawals (1981-1985) of 2.1 mgd in the Ten Mile watershed
 - Permit Renewal requested a withdrawal of up to 0.73 mgd (expiring permit = 0.64 mgd)
- Riverdale Mills**, Permit 9P-2-12-216.02
- Permit Renewal requested a withdrawal of up to 0.3 mgd (expiring permit = 0.3 mgd)
- Saint Gobain Abrasives**, Permit 9P-2-12-348.02
- Registered for historic withdrawals (1981-1985) of 0.42 mgd
 - Permit Renewal requested a withdrawal of up to 0.14 mgd (expiring permit = 0.15 mgd)
- Shrewsbury Water and Sewer Department**, Permit 9P4-2-12-271.01
- Registered for historic withdrawals (1981-1985) of 2.64 mgd
 - Permit Renewal requested a withdrawal of up to 3.27 mgd in the Blackstone watershed (expiring permit = 1.27 mgd)
- Upton Department of Public Works**, Permit 9P4-2-12-303.01
- Permit Renewal requested a withdrawal of 0.48 mgd (expiring permit = 0.48 mgd)
- Uxbridge Water Department**, Permit 9P2-12-304.01
- Registered for historic withdrawals (1981-1985) of 0.66 mgd
 - Permit Renewal requested a withdrawal of 0.58 mgd (expiring permit = 0.58 mgd)
- Wentworth Hills Golf and Country Club**, Permit 9P4-4-12-238.01
- Permit Renewal requested a withdrawal of 0.152 during the irrigation season (expiring permit = 0.2 mgd)
- Whitinsville Water Company**, Permit 9P-2-12-210.01
- Registered for historic withdrawals (1981-1985) of 1.09 mgd
 - Permit Renewal requested a withdrawal of 0.34 mgd (expiring permit = 0.34 mgd)
- Wilkinsonville Water District**, Permit 9P4-2-12-290.01
- No registration of historic withdrawals (1981-1985)
 - Permit Renewal requested a withdrawal of up to 0.31 mgd (expiring permit = 0.29 mgd)
- Worcester Sand & Gravel**, Permit 9P2-12-271.02
- No registration of historic withdrawals (1981-1985)
 - Permit Renewal requested a withdrawal of 1.89 mgd (expiring permit = 1.06 mgd)

For specific information about withdrawal points included in permit renewal applications, please contact Beth McCann, MassDEP Boston Office at (617) 292-5901.

20-Year Demand Projections

Public Water Supply permit renewals will be based on the Department of Conservation and Recreation's Office of Water Resources (OWR) water needs forecasts (demand projections). These projections are based on information contained in the annual statistical reports (ASR) filed with MassDEP for the years 2003

through 2007, employment and population projections prepared by the regional planning agency, and information concerning water use patterns and service area supplied by each public water supplier.

- In cases where the OWR demand projection for the coming 20 years is lower than the authorized withdrawal in the current permit MassDEP may elect to maintain the current withdrawal authorization or reduce the allowable withdrawal as it determines is necessary to promote the goals of the Act.
- In cases where the OWR demand projection shows withdrawals increasing above the authorized withdrawal in the current permit during the coming 20 years, MassDEP may renew the current permit, and the permittee will be required to apply for additional volumes through a full permit application as actual withdrawals reach the current permit limit.
- In cases where existing data is insufficient to develop firm 20-year demand projections at this time, MassDEP may issue renewed permits based on interim demand projections.

Preliminary projections indicate that some public water supply systems' future demand might not support renewal of the full permitted volume.

Non-public water supply permit renewals will be based on detailed 20-year demand projections developed and submitted by the permittees. Such demand projections will need to be approved by the Department and show projected changes in process, production or business plan that justify increased demand over the withdrawals documented in the annual statistical reports (ASR) filed with MassDEP for the years 2003 through 2007.

- In cases where the demand projected for the coming 20 years is lower than the authorized withdrawal in the current permit, MassDEP may elect to maintain the current withdrawal authorization or reduce the allowable withdrawal as it determines is necessary to promote the goals of the Act.
- In cases where the demand projected shows withdrawals increasing above the authorized withdrawal in the current permit during the coming 20 years, MassDEP may renew the current permit, and the permittee will be required to apply for additional volumes through a full permit application as actual withdrawals reach the current permit limit.

Massachusetts State Water Conservation Standards

To better achieve a balance between competing water withdrawals and uses mandated by the Act, to protect the natural environment, and to provide continued and sustainable economic growth in the Commonwealth, Permit Renewals will include new water conservation measures consistent with the State Water Conservation Standards approved by the Water Resources Commission (WRC) in July 2006. New water conservation measures in permit renewals include:

- A requirement that public water supply permittees meet the WRC's performance standards of 65 residential gallons per capita day water use (RGPCD) and 10% unaccounted for water loss (UAW) within two full calendar years of receiving the renewed permit or else develop and implement compliance plans for meeting the performance standards by the end of the fifth year after receiving the renewed permit;
- A requirement that those not meeting the RGPCD and UAW performance standards after five years must implement a DEP-approved Conservation Plan;
- A requirement that all permittees begin implementing a Seasonal Demand Management Plan within two years of receiving the renewed permit that, at a minimum, restricts nonessential outdoor water use between May 1st and September 30th when the local stream flow falls below protective flow levels set in the permit, and when the Massachusetts Drought Management Task Force declares a drought level of "Advisory", "Watch", "Warning" or "Emergency" for the region in which the supplier's withdrawals are located.

Public Comment Period

MassDEP will take comment on the Blackstone River watershed permit renewal applications for 30 days from publication of this notice. Permit renewal applicants will have 30 days respond to all reasonable comments as part of the permit renewal process.

Please send copies of any comments to both:

Beth McCann
MassDEP
One Winter Street, 5th floor
Boston, MA 02108

For additional information, please contact either:

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Water Management Act (MGL c 21G) 20-Year Permit Renewal
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The initial 20-year permit cycle in the Charles River watershed will expire on February 28, 2009. Permittees can apply to renew their Water Management permits between 120 and 90 days before the permits expire. Any proposed increase in permitted withdrawal volume must be requested through a full permit application. The withdrawal volumes listed below are those requested in the permit renewal application. In cases where permittees will need more water during the next 20 years than is authorized in their expiring permit, they will need to apply for a new permit for the additional water prior to increasing their withdrawals.

The Department has received permit renewal applications from the following permit holders in the Charles River watershed:

Ames Safety Envelope, Permit 9P2-3-20-274.01

- Registered for historic withdrawals (1981-1985) of 0.14 million gallons per day (mgd)
- Permit Renewal requested for a permitted withdrawal of 0.15 mgd (expiring permit = 0.14 mgd)

Bellingham Department of Public Works, Permit 9P-2-20-025.02

- Registered for historic withdrawals (1981-1985) of 0.39 mgd from the Charles watershed
- Registered for historic withdrawals (1981-1985) of 0.77 mgd from the Blackstone watershed
- Permit Renewal requested a withdrawal in the Charles watershed of up to 0.49 mgd (expiring permit = 0.97 mgd)
- Permit Renewal requested a withdrawal in the Blackstone watershed of up to 0.49 mgd (expiring permit = 0.97 mgd)

Brae Burn Country Club, Permit 9P2-3-20-207.01

- Permit Renewal requested a withdrawal of 0.08 mgd during the irrigation season (expiring permit = 0.08 mgd)
- Permit application for an additional 0.02 mgd during the irrigation season bringing total system withdrawals up to 0.10 mgd

Dover Water Company, Permit 9P4-3-20-078.01

- Permit Renewal requested a withdrawal of 0.14 mgd in the Charles watershed (expiring permit = 0.14 mgd)
- Dover Water Company also holds a permit for 0.14 mgd in the Boston Harbor watershed

Franklin Department of Public Works, Water Division, Permit 9P-4-20-101.01

- Registered for historic withdrawals (1981-1985) of 1.99 mgd
- Permit Renewal requested a withdrawal of up to 1.45 mgd (expiring permit = 1.65 mgd)

Glen Ellen Country Club, Permit 9P4-2-20.187.02

- Permit Renewal requested a withdrawal of 0.16 mgd during the irrigation season (expiring permit = 0.16 mgd)

Holliston Water Department, Permit 9P4-2-20-136.02

- Registered for historic withdrawals (1981-1985) of 1.14 mgd
- Permit Renewal requested a withdrawal of 0.27 mgd (expiring permit = 0.27 mgd)

Maplegate Country Club, Permit 9P2-2-20-101.02

- Permit Renewal requested a withdrawal of 0.15 mgd during the irrigation season (expiring permit = 0.15 mgd)

Medfield Water Department, Permit 9P3-3-20-177.01

- Registered for historic withdrawals (1981-1985) of 0.11 mgd from the Charles watershed
- Registered for historic withdrawals (1981-1985) of 0.92 mgd from the Boston Harbor watershed
- Permit Renewal requested a withdrawal of up to 0.71 mgd (expiring permit = 0.47 mgd)

Medway Water Department, Permit 9P4-2-20-177.01

- Registered for historic withdrawals (1981-1985) of 0.72 mgd
- Permit Renewal requested a withdrawal of up to 0.2929 (expiring permit = 0.29 mgd)

Milford Water Company, Permit 9P-2-20-185.01

- Registered for historic withdrawals (1981-1985) of 2.88 mgd
- Permit Renewal requested a withdrawal of 2.44 mgd (expiring permit = 2.44 mgd)

Millis Water Department, Permit 9P4-3-20.187.03

- Registered for historic withdrawals (1981-1985) of 0.63 mgd
- Permit Renewal requested a withdrawal of up to 0.39 mgd (expiring permit = 0.36 mgd)

Mirant Kendall, L.L.C., Permit 9P4-3-20-049.01

- Permit Renewal requested a withdrawal of 0.72 mgd (expiring permit = 0.72 mgd)
- Permit application for an additional 0.14 mgd bringing total system withdrawals up to 0.86 mgd

Mount Auburn Cemetery, Permit 9P4-3-20-049.02

- Permit Renewal requested a withdrawal of 0.25 mgd during the irrigation season (expiring permit = 0.25 mgd)

Natick Water Department, Permit 9P-3-20-198.01

- Registered for historic withdrawals (1981-1985) of 0.22 mgd from the Charles watershed
- Registered for historic withdrawals (1981-1985) of 4.1 mgd from the Concord watershed
- Permit Renewal requested a withdrawal of 1.31 mgd (expiring permit = 1.31 mgd)

Needham Department of Public Works, Permit 9P3-3-20-199.02

- Registered for historic withdrawals (1981-1985) of 2.63 mgd
- Permit Renewal requested a withdrawal of up to 0.62 mgd (expiring permit = 1.41 mgd)

Norfolk Water Department, Permit 9P-3-20-208.01

- Registered for historic withdrawals (1981-1985) of 0.17 mgd
- Permit Renewal requested a withdrawal of up to 0.55 mgd (expiring permit = 0.48 mgd)

Northeast Energy Associates, Permit 9P-2-20-025.02

- Permit Renewal requested a withdrawal of 0.66 mgd (expiring permit = 0.66 mgd)

Wellesley College, Permit 9P4-3-20-317.01

- Permit Renewal requested a withdrawal of 0.35 mgd (expiring permit = 0.41 mgd)

Woodland Golf Club, Permit 9P-4-20-107.01

- Registered for historic withdrawals (1981-1985) of 0.24 mgd
- Permit Renewal requested to continue to withdraw registered volumes from Well #2 during the irrigation season, no withdrawal volumes above the registered withdrawal are permitted

Wrentham Department of Public Works, Permit 9P-4-20-350.01 (also withdraws from Taunton watershed)

- Registered for historic withdrawals (1981-1985) of 0.46 mgd from the Charles watershed
- Registered for historic withdrawals (1981-1985) of 0.38 mgd from the Taunton watershed
- Permit Renewal requested a withdrawal in the Charles watershed of 0.46 mgd (expiring permit = 0.46 mgd)
- Wrentham DPW also holds a permit for 0.23 mgd in the Taunton watershed.

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