4-35. Regional Water Facilities Provide an analysis of existing regional water facilities available to the project, the impact of the facility's water usage will have on those who share the same water resources, and the steps the applicant plans to take to remedy any deficiencies the impact produces.

			Attachment
REGIONAL WATER TEMPLATE (include as attachment 4-35-01)			
1. Will the Casino connect to a public water system? (Note: this includes public water systems owned and/or operated by private entities.)	□ Yes	Name and contact information for public water purveyor:	
	□ No	Go to question 10	
	Provide copy of documentation demonstrating discussions with purveyor, agreements reached, MOU's, or other evidence that 1) purveyor understands the Casino water demands, and 2) purveyor's position on ability of system to meet needs (with and without mitigation)		**4-35-02**
Address the questions 2 through 7 if connection to a public water system			
2. Capacity of public water supply	Authorized capacity: Maximum Day Withdrawal = _____ Average Daily Withdrawal = _____ Cite source: Provide copy of documentation demonstrating authorized capacity		**4-35-03**
3. Existing system-wide demand	Year (provide more than one) _____ _____ _____ Average Daily Demand = _____ _____ _____ Maximum Day Demand = _____ _____ _____ Cite source of data and attach documentation. Also describe any trends related to reduction of unaccounted water; wide-spread community use of water saving fixtures; or other factors		**4-35-04**
4. Casino water demand	Projected Average Daily Demand = _____ Projected Maximum Day Demand = _____ Attach calculation detailing the determination of these estimates		**4-35-05**
5. Watering bans	Describe recent history of watering bans by water purveyor, including years, duration, and measures. Describe potential impact of Casino on severity of watering bans and mitigating measures.		**4-35-06**
6. Fire flow sufficiency	Fire flow requirement: Flow (gpm) = _____ Pressure (psi) = _____ Fire flow test results: Flow (gpm) = _____ Pressure (psi) = _____ Attach fire flow test document and a sketch showing test location		**4-35-07**
7. Mitigation measures	Describe measures to improve the public water supply and distribution system that are necessary to offset potential impact of Casino water demands. Estimate capital investment by specific improvement.		**4-35-08**
8. Access to public water distribution system	Provide description of nearest point of connection, including size of water main and location of nearest hydrant. Include an hydraulic analysis, if available, demonstrating availability of required flows at that location. Provide engineering sketch of connection drawn to scale, showing main extension, services, hydrants, and on-site facilities.		**4-35-09**
9. Other supporting documentation (if any)	Additional supporting documentation not previously discussed that provides support, assurance, or adds certainty to the prospect of meeting Casino demands with insignificant impacts to the system or the other users.		**4-35-10**
Address the following only if developing a private water supply and delivery system to serve the Casino			
10. Private Water Supply	Provide a preliminary engineering report supporting the creation of a private potable water supply and basis of design to meet the needs of the Casino.		**4-35-02**
11. Permitting	List all of the permits required for developing and operating the private water supply, water treatment, and delivery.		**4-35-03**
12. Discussions with MADEP and Municipal Board of Health	Document discussions with the Massachusetts Department of Environmental Protection and the local Board of Health regarding the permitting of a private water supply, the position of the regulatory authority, and an outline of the approval and implementation plan.		**4-35-03**

4-36. Sewage Facilities Provide an analysis of existing sewage facilities and their capacity to absorb the effluent from the gaming establishment complex during average and peak flows, including an estimate of those flows in gallons per day, and the steps the applicant plans to take to remedy any deficiencies in the ability of the existing infrastructure to absorb that flow.

			Attachment
REGIONAL WATER TEMPLATE (include as attachment 4-36-01)			
1. Will the Casino connect to a public wastewater collection and treatment system?	□ Yes	Name and contact information for system provider:	
	□ No	Go to question 10	
	Provide copy of documentation demonstrating discussions with public wastewater system authority, agreements reached, MOU's, or other evidence that 1) provider understands the Casino average and peak day discharge, and 2) provider's position on ability of system to meet needs (with and without mitigation)		**4-36-02**
Address the questions 2 through 7 if connection to a public wastewater collection and treatment system			
2. Capacity of public sewage system	Wastewater Treatment Plant Average Day Design Flow = _____ Peak Day Design Flow = _____ Cite source: Provide copy of documentation demonstrating permitted capacity		**4-36-03**
3. Existing system-wide wastewater flows	Year (provide more than one) _____ _____ _____ Average Daily Flow = _____ _____ _____ Peak Day Flow = _____ _____ _____ Cite source of data and attach documentation. Also describe any trends related to reduction of infiltration/inflow; wide-spread use of water saving fixtures; or other factors.		**4-36-04**
4. Casino wastewater flows	Projected Average Daily Flow = _____ Projected Maximum Day Flow = _____ Attach calculation detailing the determination of these estimates		**4-36-05**
5. Consent Decree	Is the public sewerage system currently operating under a consent decree? If so, describe what requirements it imposes on new connections, including but not limited to municipal infiltration/inflow reduction, installation of low flow fixtures to reduce wastewater flows on or outside of Casino property, upgrade of sewer pipes, and how this impacts Casino service.		**4-36-06**
6. On-site facilities	Provide a detailed site plan showing location and size of on-site wastewater facilities including: service pipe, pump station, pre-treatment, grease trap locations		**4-36-07**
7. Mitigation measures	Describe measures to improve the wastewater collection and treatment system that are necessary to offset potential impact of Casino wastewater flows. Estimate capital investment by improvement.		**4-36-08**
8. Access to collection system	Provide description of nearest point of connection, including size of sewer. Provide engineering sketch of connection drawn to scale, sewer extension, services, hydrants. Discuss any hydraulic limitations.		**4-36-09**
9. Other supporting documentation (if any)	Additional documentation not previously discussed that provides support, assurance, or adds certainty to the prospect of accepting Casino sewage flows with insignificant impacts to the system or the other users.		**4-36-10**
Address the following only if developing a private wastewater collection and treatment system			
10. Facility Design	Provide a preliminary engineering report supporting the design and construction of an on-site sewage treatment system including basis of design.		**4-36-02**
11. Permitting	List all of the permits required for developing the Wastewater Treatment System and discharge to surface waters or groundwater		**4-36-03**
12. Discussions with MADEP and Municipal Board of Health	Document discussions with the Massachusetts Department of Environmental Protection and local conservation commission regarding the permitting of a wastewater disposal system, the position of the regulatory authority, and an outline of the implementation plan.		**4-36-03**

4-41. Storm Water Describe plans for management of storm water including any plans to use Institute for Sustainable Infrastructure ("ISI") techniques to minimize impact of storm water and maximize reuse.		
REGIONAL WATER TEMPLATE (include as attachment 4-41-01)		**Attachment**
1. Sensitive Receptors	Provide a plan showing Casino site and nearby sensitive receptors that will be potentially impacted by Casino Project storm water system, including but not limited to Areas of Critical Environmental Concern, wetlands, 100 year floodplain, riverfront, priority species habitat, aquifer and wellhead protection areas. Show typical buffer zones.	**4-41-02**
2. Drainage calculations	Storm 1 year 20 year 50 year Peak flow runoff (gpm) _____ _____ _____ Total volume runoff (gallons) _____ _____ _____ Provide drainage calculations for the existing site and proposed site for the 1, 20, and 50 year storm. Calculations shall predict total volume runoff and peak flow runoff.	**4-41-03**
3. Mitigation	Summary of how project will address Massachusetts Department of Environmental Protection Storm Water Standards	**4-41-04**
4. Low Impact Development	Describe Low Impact Development Features to be incorporated into site. Provide a detailed site plan and a details plan for these features	**4-41-05**
5. Reuse/Recharge	Describe: • Rainwater capture and reuse • Storm water capture and reuse • Storm water recharge of groundwater Provide a table showing annual average volume of capture vs. off site discharge, volume reused and with uses tabulated, and volume recharged with supporting calculations.	**4-41-06**
6. Site Plan	Provide a site plan detailing storm water features.	**4-41-07**
7. Storm Water O&M plan	Provide a copy if prepared at this stage	**4-41-08**
8. Snow Removal	Describe plans for storing snow on site, including a site plan showing storage area. Relate storage area to storm severity. Describe mitigation measures related to application of sand and salt in parking areas.	**4-41-09**
9. LEED credits	Justify LEED credits taken for storm water mitigation.	**4-41-10**