

The Commonwealth of Massachusetts

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**In the Year Two Thousand Fourteen**

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1           SECTION 1. To provide for a program of improvement and preservation of the energy  
2 and environmental assets of the commonwealth, the sums set forth in this act, for the several  
3 purposes and subject to the conditions specified in this act, are hereby made available, subject to  
4 the provisions of law regulating the disbursement of public funds, which sums shall be in  
5 addition to any other amounts previously appropriated for these purposes.

6           SECTION 2.

7           EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

8           Office of the Secretary.

9           2000-7053 For improvements and replacements to the infrastructure and holdings of the  
10 executive office of energy and environmental affairs; provided, that these improvements or  
11 replacements may include, but shall not be limited to, buildings, equipment, vehicles and  
12 communication and technology equipment; and provided further, that any expenditures for  
13 communication and technology equipment under this item shall be subject to the approval of the  
14 chief information officer of the commonwealth..... \$10,000,000

15           2800-7029 For a grant program to assist and provide funding to conservation districts as  
16 defined in sections 19 to 24, inclusive, of chapter 21 of the General Laws, to perform innovative  
17 projects to conserve the soil, water and related natural resources of the commonwealth,  
18 including, but not limited to, conservation education, demonstration projects, the  
19 MassEnvirothon and other projects related water and soil conservation; provided, that the  
20 program shall be administered by the director of the division of conservation services in the  
21 executive office of energy and environmental affairs.....\$1,625,000

22           Department of Environmental Protection.

23           2200-7021 For investment in water and air quality protection as required to meet the  
24 legislative and regulatory requirements of the Rivers Protection Act, the federal and state Clean  
25 Water Acts and the commonwealth’s wetlands protection act and to provide for integrated  
26 energy and environmental projects to optimize and preserve environmental quality and public

27 health and provide for appropriate protection, restoration, management and best use of air,  
28 energy, water and land resources, assets and infrastructure; provided, that this funding may  
29 include, but not be limited to, research and the collection of data to support investment in  
30 environmental assets, such as research and studies to include but not be limited to studies of  
31 water quality, the development of wetlands conservancy and tidelands geographic information  
32 system maps, the implementation of water quality monitoring initiatives, the collection and  
33 analysis of water quality samples and the development of water quality analyses known as total  
34 maximum daily loads; the assessment of water quality health and impaired use of waterways;  
35 projects related to non-point and point sources of water pollution; and wetlands circuit rider  
36 program; provided further, that funds may be expended for local grants and research for  
37 implementation of the commonwealth's sustainable water management initiative, such grants  
38 and research to provide the data necessary for municipalities to invest in efficient and effective  
39 mitigation practice to restore and preserve the commonwealth's water resources, assets and  
40 infrastructure; provided further, that funds may be expended for sustainable water management  
41 initiative related research and implementation projects conducted by the department of fish and  
42 game and its divisions; and for a program to provide for the registration of persons engaged in  
43 the business of drilling or digging wells and assuring adherence to professional standards in well  
44 construction to protect ground water resources, to include, technical assistance to boards of  
45 health and the regulated community and the ongoing education to well drillers and others, and  
46 coordination with the office of the state geologist and for associated costs; provided further, that  
47 funds authorized in this item may be used for the purposes of the department's statewide air  
48 monitoring network which may include, but not be limited to, photochemical assessment  
49 monitoring stations, small particulate monitoring and air toxins monitoring; provided further,  
50 that the commonwealth shall match, on a 1:1 basis, the construction costs of a department of  
51 environmental protection-mandated water treatment plant for the towns of Randolph, Braintree,  
52 and Holbrook; and provided further, that funds authorized in this line may include the upgrade of  
53 equipment to comply with federal requirements; provided further, that \$4,000,000 shall be  
54 expended for the purposes of evaluating the efficacy of adaptive management measures to reduce  
55 nitrogen pollution of coastal waterways undertaken pursuant to an approved area-wide water  
56 quality plan adopted pursuant to the federal Clean Water Act and to monitor the water quality of  
57 areas subject to said study and further to support further assessment and water quality modeling  
58 to further refine said study; provided further, that \$10,000,000 shall be expended to clean up the  
59 Connecticut River that runs through several municipalities so that the river may be in accordance  
60 with the federal Clean Water Act; provided further, that \$7,000,000 shall be expended as a  
61 matching grant for the reconstruction of the Whitla drive sewer pumping station in the city of  
62 Worcester, and for related improvements to reroute, extend, and expand the capacity of the sewer  
63 system in the Route 20 corridor in said city and the town of Millbury, and to connect said  
64 extension with the existing regional wastewater treatment facility, including, without limitation,  
65 the cost of engineering and design, to protect public health and reduce the existing threat of  
66 sewerage overflow discharge into Lake Quinsigamond and the Broodmeadow Brook Wildlife

67 Sanctuary; provided further, that \$5,100,000 shall be expended for the construction of a sludge  
68 landfill and for related improvements to said landfill at the wastewater treatment facility located  
69 in the city of Attleboro; provided further, that funds shall be expended for the purchase and  
70 installation of filters for the removal of manganese and iron from water in the town of Sharon;  
71 provided further, that \$500,000 shall be expended for the construction of a new salt storage shed  
72 at the Norwell Highway Department to protect the quality of water in the town of Norwell;  
73 provided further that \$20,000,000 shall be expended to begin contaminated sediment remediation  
74 and address fish passage in the Neponset River in the area of the Baker Dam and the Tileston and  
75 Hollingsworth Dam, provided that the department of environmental protection shall vigorously  
76 continue its investigation to identify the responsible parties for the pollution, and shall  
77 collaborate with the attorney general to recover these funds from the responsible parties;  
78 provided further, that \$350,000 shall be expended to construct stormwater improvements to  
79 improve the quality of water entering the Little River and Westfield River in the area of Mainline  
80 Drive and Route 20 in Westfield; provided further, that \$600,000 shall be expended for  
81 engineering, planning, construction, and related infrastructure for stormwater drainage  
82 management at Barnes Regional Airport; provided further, that \$350,000 shall be expended for  
83 the replacement of the Department of Public Works facility fueling station underground storage  
84 tanks in the town of Millbury; and provided further, that \$2,500,000 shall be expended for water  
85 and sewer improvements in the town of Wayland.....\$61,000,000

86 Department of Fish and Game.

87 2300-7021 For enhancements, improvements, removal and replacements to the  
88 infrastructure and holdings of the department of fish and game and its divisions; and for the costs  
89 of studies, plans, engineering and other services essential to this activity; and for the planning,  
90 design, construction and repair of existing and new facilities under the care and control of the  
91 department of fish and game and its divisions, including, but not limited to: education centers,  
92 district headquarters, hatcheries, office buildings, storage buildings, shooting ranges, dams and  
93 laboratories; provided, that these enhancements, improvements and replacements may include,  
94 but shall not be limited to, buildings and other structures, equipment, vehicles, vessels,  
95 information systems and site clearance, including the demolition of structures, and other holdings  
96 including remediation of environmental compliance matters throughout the  
97 commonwealth.....\$4,500,000

98 2300-7027 For the purposes of fresh water aquatic fisheries restoration to include  
99 establishing benchmarks to identify and target the conservation natural fisheries communities,  
100 establishing protection goals for high quality fish communities, and the execution of fisheries  
101 habitat restoration projects on natural fish communities as identified by the division of fisheries  
102 and wildlife after taking into account the current Massachusetts Wildlife Action Plan, and for  
103 other related costs to include, but not limited to, any required fish and habitat research and  
104 mapping, management, monitoring and equipment; provided, that said projects may be carried  
105 out in cooperation with not-for profit organizations or agencies; and provided further, that

106 expenditures from this item shall be subject to approval by the commissioner of the department  
107 of fish and game.....\$4,000,000

108           2300-7028 For the purposes of marine fisheries restoration, support of local commercial  
109 and recreational fisheries, development of best marine fisheries science to guide management  
110 decisions, preparation of technical guidance and fisheries management plans, as approved by the  
111 director of the division of marine fisheries and the commissioner of the department of fish and  
112 game, and for related costs to include, without limitation, fish and habitat research and mapping,  
113 restoration, management, monitoring, data collection, technical assistance management studies  
114 and equipment; and provided further, that \$2,000,000 shall be expended for the purpose of  
115 conducting a fishing capacity reduction program for the northeast multispecies  
116 fishery.....\$4,000,000

117           Department of Conservation and Recreation.

118           2000-7035 For the design, construction, reconstruction, rehabilitation, repair or removal  
119 of state-owned dams for which emergency action is required, and for inland-flood control  
120 projects on state-owned land, and any related facilities and equipment; provided, that the  
121 department of conservation and recreation shall give priority to dams and flood control projects  
122 which pose the greatest risk to public health or safety, the environment, or is included in this  
123 item, subject to applicable law and regulation; and for a program of planning, permitting and  
124 construction of fish ways and other aquatic habitat improvements, including the removal or  
125 breaching of selected dams and impoundments on state-owned land and  
126 waterways.....\$15,000,000

127           2800-7032 For natural resource restoration and protection and to ensure compliance with  
128 storm water management and the federal Clean Water Act, including enhanced environmental  
129 compliance with laws and regulations, and improvements, and costs associated with site  
130 assessment, containment, clean-up, control, removal of, or response actions concerning  
131 hazardous materials or substances at forests, parks, reservations and other properties of the  
132 department of conservation and recreation.....\$24,000,000

133           2800-7107 For the design, construction, reconstruction, improvement or rehabilitation of  
134 department or navigable coastal and inland waterways projects, including, but not limited to,  
135 coastal protection, structures, dredging, river and stream cleaning, coastal structure maintenance,  
136 piers, dune stabilization, culvert repair, re-nourishment, erosion control, waterfront access and  
137 transportation improvements and related facilities and equipment; provided further, that  
138 \$2,500,000 shall be expended for the restoration of the beach area located between the east bank  
139 of the Nashua River and Boylston Street in the town of Clinton; provided further, that funds shall  
140 be expended to improve the water quality and sedimentation quality and river health of the  
141 Charles River to include sediment mitigation in accordance with the Clean Charles River  
142 Initiative; provided further, that \$8,775,000 shall be expended for the design and construction of

143 phase 1 of the Hoosic River Restoration Project in the city of North Adams; provided further,  
144 that \$500,000 shall be expended to improve the water outflow of Blacks Creek at Wollaston  
145 Beach in the city of Quincy as relating to flood control of Blacks Creek and adjoining Furnace  
146 Brook in said city; provided further, that \$3,000,000 shall be expended to improve public access  
147 to the Merrimack River in the City of Haverhill; provided further, that \$500,000 shall be  
148 expended to allow the Town of Arlington to fulfill a matching grant requirement from the  
149 Federal Emergency Management Agency to implement major flooding mitigation measures  
150 along Mill Brook; provided further, that \$1,975,000 shall be expended for the Vegetation  
151 Management Plan at Whitman’s Pond in the Town of Weymouth; provided further, that no less  
152 than \$1,000,000 shall be expended for the creation of a flood management feasibility study for  
153 the Saugus River for the town of Wakefield; provided further, that \$4,000,000 shall be expended  
154 for the repair and maintenance of the Godfrey Brook in the town of Milford; and provided  
155 further, that \$10,000,000 shall be expended for the preservation of historical naval vessels  
156 berthed in Battleship Cove in Fall River .....  
157 \$50,000,000

158           2800-7108 For the purpose of all non-federal costs associated with the dredging and the  
159 disposal of dredged materials from the commonwealth’s coastal public harbors channels,  
160 anchorages and waterways, and publicly-owned berths within designated port areas and approach  
161 channels thereto, and other public tidewaters, non-tidewaters, tidal flats and waterways as set  
162 forth in section 10 of chapter 91 of the General Laws, collectively referred hereinafter as  
163 “designated port area dredging projects”, including, but not limited to, maintenance dredging  
164 projects as defined under 310 CMR 9.00 and maintenance dredging projects with a subsidiary  
165 improvement dredging component; provided that the department shall recommend the allocation  
166 and priority of funding for designated port area dredging projects based upon a designated port  
167 area dredging plan and consisting of those projects that are qualified by (i) having received all  
168 applicable dredging permits and other required environmental approvals, and (ii) demonstrating  
169 the availability of other funding or written commitments for such other funding or financial  
170 assistance necessary to complete the project; provided further, that the department may  
171 recommend funds be allocated sooner when in an emergency it finds that certain designated port  
172 area dredging projects should be undertaken prior to the completion of the designated port area  
173 dredging plan, if the project is otherwise qualified; provided further, that a portion of the funds  
174 authorized under this item may be used for the proper disposal of dredged materials as  
175 determined necessary through the course of environmental review and related expenses to  
176 mitigate any adverse environmental impacts; provided further, that such funds may be used for  
177 any associated costs as related to this item to include, without limitation, design, engineering  
178 inspections, audits and legal services; provided further, that grants for coastal dredging projects  
179 may be made to cities and towns...\$20,000,000

180           2800-7027 For the acquisition of land and interests in land by the department of  
181 conservation and recreation and for associated costs, including planning, study, due diligence,

182 title and appraisal services, site restoration, and stewardship; provided, that funds may be used  
183 for development and implementation of a stewardship program on lands under the care and  
184 control of the department, including, but not limited to, resource and land use monitoring,  
185 signage, boundary delineation and monitoring, preparation of baseline documentation,  
186 stewardship planning, ecological monitoring and enforcement of conservation restrictions or  
187 detection and resolution of encroachments on land owned in fee simple, and repair of damage to  
188 property related to illegal uses, including off-road vehicle trespass; and provided further, that  
189 funds may be used for inventory, restoration and reclamation of recently acquired land, including  
190 demolition of structures, removal of debris, eradication of non-native species, and other services  
191 essential to these reclamation efforts; and provided further that \$5,000,000 shall be expended for  
192 land acquisition at parcel ID C 53 1A in the town of Milton and a study of the feasibility, design  
193 and construction of a park and canoe launch located at the aforementioned property; and  
194 provided further, that \$10,000,000 shall be expended for the restoration of and construction of  
195 improvements to Fort Taber and Fort Rodman at Clark's Cove in the city of New Bedford  
196 including expansion of the Fort Taber and Fort Rodman Military Museum  
197 .....\$50,000,000

198           2840-7027 For the design, construction, reconstruction, repair, improvement or  
199 rehabilitation of flood control facilities and water resource protection related facilities of the  
200 department of conservation and recreation, including its various pump stations and  
201 structures.....\$10,000,000

202           2800-7031 For the protection and rehabilitation of the lakes, ponds, rivers and streams  
203 and associated watersheds, including, but not limited to, assistance and grant programs under  
204 sections 37A to 37D, inclusive, of chapter 21 of the General Laws; provided, that such programs  
205 shall include, without limitation, technical assistance, studies, preservation, environmental  
206 improvements, to include the removal of aquatic invasive plants and associated costs; and  
207 provided further, that \$5,000,000 shall be expended for the preservation of and improvements to  
208 the Birch Road well field in Framingham.....\$10,000,000

209           Department of Energy Resources.

210           9300-7030 For the Leading by Example Program, to reduce greenhouse gas emissions  
211 and other environmental impacts at state agencies and authorities, and public colleges and  
212 universities; to stimulate increased public and private sector investment in clean energy and  
213 related enterprises, institutions and projects in the commonwealth, including providing economic  
214 assistance for the development of these enterprises and non-financial  
215 assistance.....\$5,000,000

216           9300-7919 For the energy conservation improvement program established by section 11  
217 of chapter 25A of the General Laws; provided, that funds in this item shall be allocated from  
218 time to time by the commissioner of energy resources for the purposes of: (i) the energy audit

219 program; (ii) the energy conservation improvement program; (iii) the alternative energy property  
220 program; and (iv) for other programs that increase energy efficiency; provided further, that when  
221 expending these funds, the commissioner shall take into consideration, among other relevant  
222 factors, the amount of available state and federal financial resources, the needs of each program  
223 with respect to public buildings and facilities, the volume of requests or expected requests from  
224 other entities for assistance under each program, the expected costs and public benefits of each  
225 program and, after information has become available from the energy audit program, the  
226 priorities and needs indicated by that information; provided further, that funds shall be expended  
227 on the buildings and facilities owned by public entities; and provided further, that grants may be  
228 issued for the purposes of this item.....\$10,000,000

229 SECTION 2A.

230 OFFICE OF THE TREASURER

231 Office of the Treasurer.

232 0620-1001 For the water pollution abatement trust established in section 2 of chapter  
233 29C of the General Laws for deposit in the Water Pollution Abatement Revolving Fund  
234 established in section 2L of chapter 29 of the General Laws for application by the trust to the  
235 purposes specified in section 5 of said chapter 29C, any portion of which may be used as a  
236 matching grant by the commonwealth to federal capitalization grants received under Title VI of  
237 the federal Clean Water Act or for deposit in the Drinking Water Revolving Fund established in  
238 section 2QQ of chapter 29 of the General Laws for application by the trust to the purposes  
239 specified in section 18 of said chapter 29C, any portion of which may be used as a matching  
240 grant by the commonwealth to federal capitalization grants received under the federal Safe  
241 Drinking Water Act; provided, that funds may be used to assist homeowners in complying with  
242 the revised state environmental code for subsurface disposal of sanitary waste, Title 5  
243 .....\$57,000,000

244 EXECUTIVE OFFICE FOR ADMINISTRATION AND FINANCE

245 Office of the Secretary.

246 1100-2511 For a matching grant program for the repair, construction and modernization  
247 of equipment and capital improvements of marine industrial infrastructure located in designated  
248 port areas or maritime industrial zones; provided, that the secretary of administration and finance  
249 shall make available the funds under this item to the Massachusetts Development Finance  
250 Agency to administer such a grant program; and, provided further, that each grant shall require a  
251 private funding match in an amount not to exceed 25 per cent of the cost of the  
252 project.....\$5,000,000

253 1100-2530 To capitalize the Massachusetts Water Technology Innovation Trust Fund  
254 established in section 9A of chapter 23J, within the Clean Energy Technology Center; provided  
255 that, not less than \$30,000,000 shall be expended for the creation and operation of testing and  
256 piloting facilities for the advancement of water technology .....\$50,000,000

257 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

258 Office of the Secretary.

259 2000-7028 For the design, construction, reconstruction, rehabilitation, repair or removal  
260 of municipally-owned dams, other publicly-owned dams and other dams for which emergency  
261 action is required, and for inland-flood control projects on publicly-owned land, and any related  
262 facilities and equipment; provided, that the secretary of energy and environmental affairs shall  
263 give priority to dams and flood control projects which pose the greatest risk to public health or  
264 safety, the environment, or is included in this item, subject to applicable law and regulation; and  
265 for a program of planning, permitting and construction of fish ways and other aquatic habitat  
266 improvements, including the removal or breaching of selected dams and impoundments on  
267 publicly-owned land and waterways; provided further, that \$375,000 shall be expended for  
268 engineering, improvements and repairs to the McTaggarts Pond Dam in the city of Fitchburg;  
269 provided further, that \$75,000 shall be expended for investigation, engineering and repairs, to  
270 prevent seepage and improve dam safety to the Mirror Lake Dam at Cogshall Park in the city of  
271 Fitchburg; provided further, that \$100,000 shall be expended for improvements and repairs to the  
272 Studley Pond Dam in the town of Rockland; provided further, that \$7,200,000 shall be expended  
273 for the rehabilitation and improvements to the Mill Pond Dam in the town of Wareham; and  
274 provided further, that \$250,000 shall be expended for maintenance and improvements at  
275 Bearhole Reservoir in the town of West Springfield.....\$15,000,000

276 2000-7031 To capitalize the Climate Change Adaptation Infrastructure Investment Fund  
277 as established by section 2LLLL of chapter 29 of the General Laws.....\$10,000,000

278 2000-7054 For the parkland acquisition and renovation for communities grant program,  
279 formerly the urban self-help program, to provide assistance to cities and towns in the acquisition  
280 of land, assessment and remediation of brownfield and greyfield sites and demolition on project  
281 sites and construction and restoration of parks and recreation areas pursuant to the provisions of  
282 Article 97 of the Amendments to the Constitution and any regulations adopted by the secretary  
283 of energy and environmental affairs; provided, that notwithstanding any general or special law to  
284 the contrary, the title to any land acquired with the funds authorized in this item which is no  
285 longer used as open space shall revert to the commonwealth to be managed as open  
286 space.....\$30,000,000

287 2000-7056 For the conservation partnership grant program to assist not-for-profit  
288 corporations and conservation districts defined in sections 19 to 24, inclusive, of chapter 21 of  
289 the General Laws, in acquiring interests in lands suitable for purposes of conservation or



290 recreation; provided, that the corporation shall be formed for one of the purposes described in  
291 section 4 of chapter 180 of the General Laws and the corporation shall be considered an exempt  
292 organization within the meaning of section 501(c)(3) of the Internal Revenue Code; provided  
293 further, that grant funds shall be expended to reimburse an eligible corporation or conservation  
294 district for money expended by it in establishing a project approved by the secretary of energy  
295 and environmental affairs under this program in an amount that the secretary shall determine to  
296 be equitable in consideration of anticipated benefits from the project, but in no event shall the  
297 amount of the reimbursement exceed 50 per cent of the cost of the project; provided, however,  
298 that no reimbursement shall be made under this item to a corporation or conservation district  
299 unless a project application is filed by the corporation with the secretary setting forth the plans  
300 and information that the secretary may require and approved by the secretary, nor until the  
301 corporation or conservation district shall have certified, in a manner approved by the secretary,  
302 its ability to provide an amount equal to the total cost of the project, nor until the project has  
303 been completed, to the satisfaction of the secretary, in accordance with the approved plans;  
304 provided further, that all projects shall include the grant by the corporation or conservation  
305 district of an appropriate perpetual conservation restriction, within the meaning of sections 31  
306 and 32 of chapter 184 of the General Laws, to the city or town in which the project is located, to  
307 be managed by either its conservation or its recreation commission, or a federal or state agency,  
308 or a not-for-profit corporation, or combination of these entities; provided further, that all projects  
309 shall provide appropriate public access as determined by the secretary; and provided further, that  
310 the secretary may adopt rules and regulations to carry out this  
311 item.....\$8,000,000

312           2000-7058 For the landscape partnership grant program to assist not-for-profit  
313 corporations and cities and towns acting through their conservation commissions or water  
314 departments, in cooperation with the departments of conservation and recreation, fish and game  
315 and agricultural resources, to acquire interests in land to permanently conserve and steward  
316 large, landscape-scale land conservation projects, and to assist cities and towns in local zoning  
317 and planning efforts; to further conservation and connectivity of working farms, forests and open  
318 space and prevent low-density sprawl development; provided, that the not-for-profit corporation  
319 shall be formed for 1 of the purposes described in section 4 of chapter 180 of the General Laws  
320 and the corporation shall be considered an exempt organization within the meaning of section  
321 501(c)(3) of the Internal Revenue Code; provided further, that the grants shall be expended in the  
322 completion of an approved project by an eligible corporation, city or town in the approved  
323 acquisition of land and interests in land for permanent conservation purposes pursuant to the  
324 provisions of Article 97 of the Amendments to the Constitution or sections 31 and 32 of chapter  
325 184 of the General Laws and for associated costs, including planning, study, due diligence, title,  
326 environmental site assessment, appraisal services, interest on loans, provided the rate does not  
327 exceed the current average market rate, and site restoration and for stewardship, including  
328 baseline documentation report creation and long-term stewardship monitoring agreements and  
329 for technical assistance in the development of city and town by-laws for natural resource

330 protection zoning purposes and related city and town conservation purposes and for study,  
331 inventory and related work in preparation for and assessment of marketable ecosystem services  
332 provided by the project lands; provided further, that grant funds shall be expended in the  
333 completion of an approved project by an eligible corporation, city or town for a project  
334 previously approved by the secretary of energy and environmental affairs under this program in  
335 an amount that the secretary shall determine to be equitable in consideration of anticipated  
336 benefits from the cost of the project, but in no event shall the amount exceed 50 per cent of the  
337 total cost of the project as approved by the secretary; provided further, that all projects shall  
338 provide appropriate public access as determined by the secretary; provided further, that \$50,000  
339 shall be expended to allow the town of Arlington to purchase electric landscaping tools; provided  
340 further, that \$250,000 shall be expended for landscaping and aesthetic improvements at the M.  
341 Joseph Manning Park; provided further, that \$250,000 shall be expended for landscape and  
342 aesthetic improvements at the Borderland State Park; provided further, that \$1,000,000 shall be  
343 expended for landscape and aesthetic improvements along the Neponset River Greenway; and  
344 provided further, that \$600,000 shall be expended to support the construction of walking paths,  
345 native buffer area plantings and community landscape gardens/rain gardens at the new  
346 community recreational facility in the town of Wilmington  
347 .....\$15,000,000

348           2000-7063 For the development of a statewide climate center by the secretary of energy  
349 and environmental affairs in conjunction with the president of the University of Massachusetts;  
350 provided, that not more than \$5,000,000 shall be expended for the development of a Strategic  
351 Framework for Climate Resilience (“SFCR”) program by public and private institutions to study,  
352 develop and promote cross-sectoral resilience planning for the commonwealth as relating to  
353 climate change, including, but not limited to: the development of information products for  
354 municipalities and the private sector; a capacity needs assessment for effective involvement of  
355 municipalities in SFCR; approaches for incentivizing and monetizing climate change resilience;  
356 integration strategies for building resilience through support of new private sector efforts; a  
357 strategic program for climate resilience design in priority sectors and regions; sensitivity  
358 vulnerability and adaptation assessments of initial key sectors and municipalities; a cross-  
359 sectoral guideline and best practice manual to integrate climate change factors into  
360 organizational planning; and, a strategic-level set of consistent, reliable and justifiable scientific  
361 scenarios of key projected climate change impacts, and capacity-building within and across  
362 sectors; provided, however, that the statewide climate change center shall collaborate with the  
363 Blue Hills Observatory  
364 .....\$20,000,000

365           2000-7066 For the local acquisition for natural diversity grant program, formerly the  
366 self-help program, to provide assistance to cities and towns in the acquisition of conservation  
367 land pursuant to the provisions of section 11 of chapter 132A of the General Laws, Article 97 of  
368 the Amendments to the Constitution and any regulations adopted by the secretary of energy and

369 environmental affairs to effect this act or said section 11; provided, that notwithstanding any  
370 general or special law to the contrary, the title to any land acquired with funds authorized in this  
371 item which is no longer used under said section 11 as open space shall revert to the  
372 commonwealth to be managed as open space .....\$8,000,000

373           2000-7070 For the development and support of a regional comprehensive climate  
374 change adaptation management plan grant program consisting of financial assistance to regional  
375 planning agencies to develop and implement comprehensive adaptation management plans at the  
376 regional level of government; and such plans shall include, but not be limited to: technical  
377 planning guidance for adaptive municipalities through a step-by-step process for regional climate  
378 vulnerability assessment and adaptation strategy development; development of definition of  
379 regional impacts by supporting municipalities conducting climate vulnerability assessments; and  
380 development of understanding regional characteristics, including regional environmental and  
381 socioeconomic characteristics; provided, that such grants shall advance statewide, regional and  
382 local efforts to adapt land-use, zoning, infrastructure, policies, and programs to reduce the  
383 vulnerability of the built and natural environment to changing environmental conditions as a  
384 result of climate change; and provided further, that the secretary of energy and environmental  
385 affairs may issue grants to regional planning agencies to implement said  
386 programs.....\$20,000,000

387           2800-7135 To assist the city of Everett in land acquisition and environmental remediation  
388 at the former Monsanto Chemical Company site in the city of Everett, if that property is not  
389 purchased by June 1, 2015 and developed by a private entity; provided further that any  
390 disposition of the property shall be subject to the review and approval of the inspector general;  
391 provided that the department of environmental protection shall use best efforts to investigate and  
392 identify the responsible parties for the pollution, and shall collaborate with the attorney general  
393 to recover these funds from the responsible parties.....\$35,000,000

394           Department of Agricultural Resources.

395           2500-7011 For a program to acquire agricultural preservation restrictions hereinafter  
396 referred to as APR under sections 23 to 26, inclusive, of chapter 20 of the General Laws;  
397 provided, that any person or entity that receives funds from this item shall be encouraged to  
398 participate in any programs of the department of agricultural resources that may be suggested by  
399 the commissioner of agricultural resources; and provided further, that funds may be used for the  
400 implementation of a stewardship program on APR lands including, but not limited to, resource  
401 and land use monitoring, boundary delineation and monitoring, stewardship planning, ecological  
402 monitoring and enforcement of agricultural preservation restrictions on existing and newly  
403 acquired APR properties, as well as the creation of new opportunities that seek to enhance the  
404 sustainability and viability of APR properties.....\$10,000,000

405           2500-7024 For the agricultural environmental enhancement program on the abatement  
406 of all forms of pollution generated from agricultural activities originally funded under section 8  
407 of chapter 258 of the acts of 1996; provided, that funds may be allocated by the commissioner of  
408 agricultural resources through competitive grants awarded to public and non-public entities to  
409 carry out the purposes of this item; provided further, that \$120,000 shall be expended for costs  
410 related to pesticide cleanup on South Street in the town of Wrentham.....\$1,500,000

411           DEPARTMENT OF TRANSPORTATION

412           Office of the Secretary.

413           1100-2510 For improvements to coastal facilities in designated and non-designated port  
414 areas, including those defined in chapter 21F of the General Laws, 301 CMR 25, section 63 of  
415 chapter 91 of the General Laws and 312 CMR 2.00; provided, that improvements may include,  
416 but shall not be limited to, construction, reconstruction, rehabilitation, expanding, replacing and  
417 improving public facilities, piers, wharves, boardwalks, berths, bulkheads and other harbor and  
418 waterfront facilities; and provided further, that funds shall be expended on capital improvements  
419 to the state pier facility in the city of Fall River, including, but not limited to, the construction of  
420 the south basin of the state pier facility, the rehabilitation and replacement of all marine  
421 structures for Battleship Cove in the port of Fall River, commercial fishing improvements,  
422 commercial marine transportation improvements and other capital improvements related to  
423 economic development within the port of Fall River .....\$125,000,000

424           6720-1335 For the mitigation or contribution towards any costs associated with or  
425 arising out of the federal improvement dredging of Boston Harbor; provided further, that  
426 \$35,000,000 shall be expended to mitigate or contribute towards any costs associated with or  
427 arising out of the federal navigational and berth dredging in New Bedford Harbor; and provided  
428 further that funds shall be expended to mitigate or contribute towards any costs associated with  
429 the dredging of the Neponset River from Milton Landing to Boston  
430 Harbor.....\$100,000,000

431           EXECUTIVE OFFICE OF EDUCATION

432           7100-3000 For the design, rehabilitation or construction of a research and extension  
433 building of approximately 20,000 square feet, at the University of Massachusetts Center for  
434 Urban Sustainability in the city of Waltham for the purpose to conduct research and advance  
435 urban sustainable agriculture through public- private partnerships, to include, without limitation,  
436 urban agricultural issues related to food security, safety and access, environmental stewardship  
437 and workforce development; provided, however, that best efforts shall be made to construct a  
438 zero-net energy building.....\$20,000,000

439           7100-3001 For technology and space upgrades at the Stockbridge School of Agriculture  
440 at the University of Massachusetts, Amherst in the town of Amherst; for the coordination among

441 agricultural schools and institutes of learning in the commonwealth to educate and promote  
442 sustainable agriculture and related agricultural issues .....\$5,000,000

443           7100-1135 For establishing an office and programming under the direction of the  
444 president of the university of Massachusetts, in consultation with the secretary of energy and  
445 environmental affairs, to work with municipalities, regional governments, and the private sector  
446 to assess, plan, coordinate, and support the implementation of resiliency measures; provided, that  
447 work may include, but not be limited to: (i) public education and engagement; (ii) technical  
448 assistance, training, research, and formulation of metrics, and (iii) preparing and disseminating  
449 guidelines, manuals and other products to assist in the in the preparation, planning design, and  
450 implementation of resiliency measures.....\$5,000,000

451           SECTION 2B.

452           EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

453           Office of the Secretary.

454           2000-7051 For the development and support of local, regional and state land use  
455 planning and management capabilities in support of smart growth efforts, including, but not  
456 limited to: convening the public to enhance awareness of and participation in planning,  
457 regulatory and permitting decisions; research; land use data acquisition and analysis; site specific  
458 brownfields, feasibility, reuse and other assessments; plans for water, sewer, road, transit and  
459 other infrastructure investments; site specific land use plans including construction documents  
460 and architectural blueprints; the development of municipal open space and recreation plans,  
461 municipal master plans under section 81D of chapter 41 of the General Laws, regional policy  
462 plans under chapter 40B of the General Laws, and state plans for land conservation and  
463 development; subdivision, zoning, and other local, regional or state land use bylaws, ordinances,  
464 policies, guidelines and regulations; and for outreach, communications, education and planning  
465 to advance environmental equity, smart growth and the commonwealth's sustainable  
466 development principles; provided, that the secretary of energy and environmental affairs may  
467 issue grants to organizations, including, but not limited to, municipalities, regional planning  
468 agencies, non-profit organizations, and other public and non-public entities to implement said  
469 programs; provided further, that \$1,000,000 shall be expended for the improvement and  
470 preservation of the parcel of land located at 900 Worcester Street in the town of Wellesley,  
471 otherwise known as St. James the Great Church, to maximize recreational use while preserving  
472 open space; and provided further, that \$500,000 shall be expended for urban renewal in the town  
473 of Gardner .....\$10,000,000

474           2000-7052 For the purpose of protecting the ecological integrity of the commonwealth's  
475 privately held and managed forestlands under the forest vision plan, including, but not limited to,  
476 acquisition of interests in land, research, planning and monitoring; provided, that projects and  
477 funding shall be approved by the secretary of environmental affairs; and provided further, that

478 projects may be carried out in cooperation with other governmental agencies, private land  
479 owners and conservation organizations according to management agreements approved by the  
480 secretary.....\$5,000,000

481           2000-7055 For integrated energy and environmental projects to provide for appropriate  
482 conservation, protection, restoration, management, and best use of air, energy, water and land  
483 resources; to provide for the propagation, protection, control and management of fish, other  
484 aquatic life, wildlife and endangered species, to optimize and preserve environmental quality and  
485 public health, to encourage environmental equity; to provide for the assessment, prevention and  
486 abatement of water, land, air, noise and other pollution or environmental degradation, to provide  
487 for assessment and mitigation and adaptation to climate change and regional flooding, to provide  
488 geographic information systems and data, including, but not limited to, conservation and  
489 development plans, provided through the office of geographic and environmental information, to  
490 collect, store and provide geographic, energy and environmental and other information, to  
491 provide environmental, land use, water budgets and other trends and conditions; provided, that  
492 the secretary may allocate funds for the purposes of this item; and provided further, that grants  
493 may be awarded to public or non-public entities to carry out this  
494 item.....\$15,000,000

495           2000-7057 For the acquisition, development, construction and improvement of parks in  
496 urban and suburban neighborhoods currently underserved with parks consistent with attainment  
497 of environmental equity, including planning related to these parks; completion of urban forestry  
498 and tree planting projects, assessment and remediation of brownfield and greyfield sites intended  
499 for reuse as parks, drafting of architectural renderings, construction documents, and other  
500 technical documents necessary for parks construction, acquisition of land or interests in land for  
501 the creation of parks pursuant to the provisions of Article 97 of the Amendments to the  
502 Constitution, and for the construction, rehabilitation and improvement of parks including, but not  
503 limited to, all related facilities, landscaping, monuments and features, parking areas and  
504 roadways; provided, that the secretary of energy and environmental affairs may issue grants to  
505 public and non-public entities to implement these projects; provided, however, that the John L.  
506 Kelly Field in the town of Milton shall be the first signature park constructed with the use of  
507 these funds; provided further, that \$3,000,000 shall be expended to build or upgrade Camp  
508 STAR Angelina Administration Lodge, Forest Park Comfort Shelter/Drop-in Center, improve  
509 Forest Park Roadways, repair and upgrade Forest Park Erosion, and Blunt Park Roadway  
510 Improvements in the city of Springfield; and provided further, that funds shall be expended for  
511 environmental remediation and construction of the Worcester Blackstone Gateway Visitor  
512 Center and Park in the city of  
513 Worcester.....\$80,000,000

514           2000-7060 For the acquisition of land for the purposes of open space, recreation and  
515 conservation, to be protected pursuant to the provisions of Article 97 of the Amendments to the  
516 Constitution, which lands are located, near or adjacent to the mean high water mark of coastal

517 areas, on coastal barrier beaches or in coastal high risk flooding zones, which lands or structures  
518 thereon, suffer repeated damage by flooding or are otherwise impacted catastrophically by severe  
519 weather events, and, additionally, pose a high risk to public health or safety, or to the  
520 environment; and, to purchase adjoining coastal parcels next to such acquired land which is  
521 necessary to protect the environment; provided, however, that funds from this item shall not be  
522 used to compensate land owners for lands taken by eminent  
523 domain.....\$20,000,000

524           2000-7061 For the purpose of a forestry and tree planting greening program for projects  
525 throughout the commonwealth on publicly-owned land, to include, without limitation, the  
526 evaluation and planning of forestry and tree greening projects, tree stock and planting, and the  
527 care and protection of trees and forests; provided, the secretary shall give priority to the planting  
528 of trees in areas devastated by catastrophic weather events or wide-spread insect infestation or in  
529 area locations of aquifers, recharge areas, wells, reservoirs and other water bodies that will  
530 improve water quality as part of a natural ecosystem; provided further, that the secretary shall  
531 issue grants to cities and towns to achieve the purposes of this item; and provided further that  
532 executive office of environmental affairs shall obtain tree stock from within the commonwealth  
533 where feasible and where the cost does not exceed 10 per cent more than tree stock obtained  
534 from outside the state.....\$50,000,000

535           2000-7062 For the improvement of recreational opportunities, protection of the  
536 ecological integrity and for limiting eutrophication in the commonwealth's lakes and ponds  
537 including, but not limited to, restoration of water depths, enhancement of fisheries habitat,  
538 control of nutrients, control of aquatic vegetation and associated water quality problems; that  
539 funds may be expended from this item for the costs of planning, feasibility analysis, engineering,  
540 design, permitting, construction and construction inspection and performance of dredging  
541 projects, including material management; provided, however, that priority funding shall be  
542 available for the construction of designed and permitted dredge projects and for any dredging  
543 projects authorized specifically under this item; and provided further, that the secretary of energy  
544 and environmental affairs may award grants to public and non-public entities including  
545 municipalities, non-profit organizations and lake and pond associations to carry out the purpose  
546 of this item; provided further, that \$100,000 shall be expended to protect and preserve the water  
547 quality in Hammond Pond in the city of Newton, to include, without limitation, the stabilization  
548 of pond banks by drainage modifications and improvements, vegetation enhancements,  
549 macrobptic weed removal and enhancing existing gardens and natural buffers; provided further,  
550 that \$1,100,000 shall be expended as a grant to the city of Pittsfield to improve drainage and  
551 redirect run-off to vernal pools and wetlands as part of the completion of the multi-purpose turf  
552 facility at Berkshire Community College's Pittsfield campus; provided that, \$125,000 shall be  
553 expended for the final phase restoration of Baker's pond at Kennedy Park in the town of Lenox;  
554 and provided further, that \$3,000,000 shall be expended for improvements to the Veterans

555 Road/Lewis Lake watershed system in the town of  
556 Winthrop.....\$25,000,000

557 Department of Environmental Protection

558 2200-7023 For the purposes of discovery, assessment, containment, clean-up, and  
559 closure of existing or closed solid waste facilities causing or threatening to cause pollution as  
560 authorized by section 4 of chapter 21H of the General Laws; funds authorized in this item may  
561 also be used for capital expenditure associated with composting and recycling program  
562 consistent with the comprehensive statewide solid waste master plan authorized by section 21 of  
563 chapter 16 of the General Laws; and provided further, that \$1,700,000 shall be expended for the  
564 cleanup of a parcel of land near the Salem Transfer Station in the city of  
565 Salem.....\$3,000,000

566 2200-7025 For the assessment, containment, cleanup, control, removal of or response  
567 actions concerning oil or hazardous materials or for any other actions necessary to implement  
568 chapter 21E of the General Laws, or the regulations adopted under it, the commonwealth's  
569 contingency plan.....\$3,000,000

570 Department of Fish and Game.

571 2300-7020 For the acquisition of land and interests in land by the department of fish and  
572 game and for associated costs, including planning, study, due diligence, title and appraisal  
573 services, site restoration and stewardship for the purpose of protecting the native flora and fauna  
574 communities and for associated costs; provided, that the commissioner of fish and game may  
575 develop and utilize scientifically-based evaluation criteria to identify and select the most  
576 biologically significant areas throughout the commonwealth, including, but not limited to,  
577 specific parcels, and that these lands may be purchased after being selected by this process and  
578 approved by the commissioner of fish and game; provided further, that funds may be expended  
579 on the development and implementation of a stewardship program on lands under the care and  
580 control of the department of fish and game and its divisions, either in fee simple or through  
581 conservation easement or conservation restrictions, including, but not limited to, resource and  
582 land use monitoring, baseline documentation report creation, signage, boundary marking and  
583 monitoring, stewardship planning, stewardship personnel, stewardship database development,  
584 ecological monitoring, and enforcement of conservation easements or conservation restrictions  
585 or detection and resolution of encroachments on land owned in fee simple, and repair of damage  
586 related to illegal off-road vehicle trespass; provided further, that funds may be used for  
587 inventory, restoration and reclamation of recently acquired land, including demolition of  
588 structures, removal of debris, eradication of non-native species, and other services essential to  
589 these reclamation efforts; and provided further, that the department of fish and game shall  
590 establish a program for the restoration and habitat protection of cranberry bogs and associated  
591 wetland systems, and for the acquisition in land or interests in land, by the department of fish and



592 game of environmentally significant wetland habitats for the purpose of preservation of open  
593 space and to improve and protect natural water resources and quality that is essential to cranberry  
594 agriculture and plant habitat, and projects under said program may be carried out with other  
595 governmental agencies and entities, non-profit and conservation organizations, and public and  
596 private land owners; provided further, that \$7,000,000 shall be expended for the design and  
597 construction of 3 pedestrian underpasses adjacent to the Boston-side of the Charles River at the  
598 River Street, Western Avenue and Anderson bridges; provided further, that the pathway leading  
599 to these underpasses shall not extend laterally toward the center of the Charles river further than  
600 the new underpass finished tunnel bores; provided further, that the pathway leading to these  
601 underpasses shall not extend over the watersheet of the Charles river any further than the  
602 minimum distance required to achieve the required slope and grade specifications for the  
603 pathways to comply with the American with Disabilities Act; and provided further, that the  
604 pathway structures and tunnels shall not alter the existing arches of said River street or Western  
605 avenue bridges or hinder or impede any navigable waterway through the existing arches of said  
606 bridges; provided further, that \$1,000,000 shall be expended for bicycle and pedestrian safety,  
607 signal improvements and traffic calming measures on Alewife Brook Parkway and Fresh Pond  
608 Parkway between Rindge Avenue and the Elliott Bridge in Cambridge; provided further, that  
609 \$1,500,000 shall be expended to complete the Concord River Greenway in Lowell and connect it  
610 to the statewide Bay Circuit Trail and Greenway; provided further, that \$300,000 shall be  
611 expended to install monitors at combined sewer overflow locations in the Mystic River  
612 Watershed; provided further, that \$250,000 shall be expended for purpose of creating and  
613 maintaining a public website that compiles all information about pollution on rivers in the  
614 Commonwealth and notifies the public of any combined sewer overflows and the effect that the  
615 combined sewer overflow has on water quality in the affected river; provided further, that not  
616 more than \$2,000,000 shall be expended for the construction of a recreational trail around  
617 Watson Pond and for connecting access trails, in Watson Pond State Park in the city of Taunton;  
618 provided that \$5,000,000 shall be expended for upgrades and improvements to the VFW  
619 Parkway in the West Roxbury Section of the City of Boston; provided further, that \$1,200,000  
620 shall be expended for the planning, acquisition, design, and construction of an extension of the  
621 Upper Charles Trail in the Town of Holliston; and provided further, that \$1,500,000 shall be  
622 expended for the planning, acquisition, design, and construction of an extension of the Upper  
623 Charles Trail from Milford into the Town of  
624 Hopkinton.....\$20,000,000

625           2300-7023 For the purposes of conserving and recovering rare and endangered plant and  
626 animal species listed pursuant to chapter 131A of the General Laws and protecting other  
627 elements of the state's threatened natural heritage, through conservation, preparation of  
628 endangered species recovery plans, implementation of recovery and rehabilitation projects, and  
629 the execution of habitat and ecological restoration and management, as identified by the division  
630 of fisheries and wildlife's natural heritage and endangered species program and approved by the  
631 director of the division and the commissioner of the department; provided, that the associated

632 costs may include, but shall not be limited to, species recovery, and rehabilitation projects,  
633 habitat restoration and management, monitoring services and equipment purchases; and provided  
634 further, that this work may be carried out in cooperation with local municipalities, private  
635 conservation organizations, private landowners, universities or governmental  
636 agencies.....\$1,000,000

637           2300-7024 For a program of upland habitat management of forestlands, shrub lands and  
638 grasslands, to provide habitat for native wildlife species experiencing long-term population  
639 declines, to control invasive, exotic species that degrade natural habitats, and to maintain  
640 independent, third party certification of sustainable resource management on state wildlife lands  
641 through the forest stewardship council or the sustainable forestry initiative; provided, that  
642 activities shall include, but shall not be limited to, implementation of habitat management plans  
643 as established by the division of fisheries and wildlife and approved by the director of the  
644 division and the commissioner of the department; and to establish and support an integrated,  
645 early detection and rapid response system for invasive species and to complete a strategic  
646 management plan for invasive species to prevent, control, eradicate and restore natural  
647 management areas; and for a landowner incentive grant program to restore declining species and  
648 their habitats identified in the comprehensive wildlife conservation Strategy on private lands that  
649 may include, but shall not be limited to, technical and financial assistance, implementation and  
650 monitoring as established by the division of fisheries and wildlife and approved by the director  
651 of the division and the commissioner of the department, and for associated costs; provided, that  
652 the associated costs may include, but shall not be limited to, restoration, management,  
653 monitoring services and equipment purchases; provided further, that the projects may be carried  
654 out in cooperation with cities, towns, not-for-profit organizations, private landowners,  
655 conservation organizations, sportsmen’s clubs or governmental agencies; provided further, that  
656 grants may be awarded to public and non-public entities to carry out the purposes of this item;  
657 and provided further, that the department may award grants to public and non-public entities to  
658 carry out the purposes of this item; provided further, that \$300,000 shall be expended to  
659 establish a pilot program in the town of Groton to formulate and support a detection and response  
660 system for invasive plant species along public roadways, and further to implement a strategic  
661 management plan to prevent, control, and eradicate invasive plant species along public  
662 roadways; provided further, that \$1,200,000 shall be expended for flooding control, dredging,  
663 and eradication of non-native plat species of Canal Brook an outlet of Lake Congamond; and  
664 provided further, that \$400,000 shall be expended for the costs of hydraulic dredging,  
665 construction of containment and flocculation basins, and other technologies for sediment  
666 removal, disposal, and aquatic invasive species control in Crystal Lake and Elginwood Pond in  
667 the city of Peabody.....\$1,000,000

668           2300-7025 For river and wetland restoration programs in the division of ecological  
669 restoration, riverways program and the commissioner’s office within the department of fish and  
670 game; provided, that funds authorized in this item may be utilized for river, wetland and river

671 corridor revitalization, ecological restoration and protection of aquatic ecosystems and functions  
672 statewide, including, but not limited to, dam and barrier removal, instream improvements, flow,  
673 water quality, riverine habitat, for protection of high quality riparian and wetland habitat, to  
674 assess and mitigate threats from climate change, and improve recreational opportunities;  
675 provided further, that these costs may include, but shall not be limited to, equipment to  
676 implement these programs; and provided further, that the commissioner or a designee may enter  
677 into cooperative agreements with state and federal government agencies and municipalities, may  
678 contract for services as related to this item including, but not limited to, engineering and  
679 monitoring, and may award grants to public and non-public entities to foster and carry out the  
680 purposes of this item.....\$20,000,000

681           2300-7026 For the planning, engineering, design, construction, construction inspection,  
682 acquisition, development and reconstruction of existing and new coastal and inland access sites  
683 including, but not limited to, boat launching facilities, fisherman boat access facilities, car-top  
684 boat launching facilities, canoe and kayak access facilities, sport fishing piers and shore fishing  
685 areas including, but not limited to, ramps, docks, floats and appurtenant facilities throughout the  
686 commonwealth including, but not limited to, construction of signage and informational kiosks,  
687 and the implementation of coastal projects developed jointly with the Marine Recreational  
688 Fisheries Development Fund; provided further, that funds shall be expended for study, design,  
689 permitting and construction of the north terminal bulkhead extension, city of New Bedford;  
690 provided further, that \$400,000 shall be expended to reconstruct the Sabbatia Lake boat ramp  
691 and rebuild the boat ramp parking area in the city of Taunton; provided further, that \$1,000,000  
692 shall be expended for the repair and restoration of Milton Landing in the town of Milton;  
693 provided further, that \$8,000,000 shall be expended for a water transportation hub to be  
694 developed at the John T. Fallon Pier managed by UMass Boston to create water transportation  
695 service from Columbia Point, Boston and Quincy communities; and provided further, that the  
696 dock system at Fallon Pier will be compliant with the Americans with Disabilities  
697 Act.....\$12,000,000

698           Department of Agricultural Resources.

699           2500-7023 For the purpose of developing and implementing programs designed to  
700 address agricultural economic and environmental sustainability, research, industry promotion,  
701 technology transfer, education and to facilitate improvements to agricultural infrastructure,  
702 energy conservation and efficiency, including the development and implementation of farm  
703 viability plans and other technical and engineering assistance to enhance the economic and  
704 environmental viability of farms, to promote urban agriculture, to provide for shorter term land  
705 covenants, and for undertaking of markets for agricultural products to assist in agricultural  
706 business enhancement and transition, the creation of a program, including grants to public and  
707 non-public entities for the development and implementation of new procedures for energy  
708 conservation and efficiency, renewable and alternative energy sources to assist the  
709 commonwealth's agricultural community to grow and develop; provided further, that there shall

710 be established a program to assist in the preservation and rehabilitation of facilities and land  
711 resources of agricultural fairs in the commonwealth through preservation covenants, grants,  
712 demonstration projects and other means, under section 38C of chapter 128 of the General Laws;  
713 provided further, that funds authorized in this item may be allocated by the commissioner  
714 through competitive grants; provided further, that the commissioner may adopt regulations  
715 relative to these grants; provided further that not less than \$2,500,000 shall be expended for the  
716 creation, maintenance and expansion of community farms in the town of Randolph; provided  
717 further that not less than \$2,500,000 shall be expended for the creation, maintenance and  
718 expansion of community farms in the town of Milton; provided further, that \$1,000,000 shall be  
719 expended for the maintenance, improvement, and expansion of the Brookwood Community  
720 Farm, including buildings, structures and real property, in the town of Canton; provided further,  
721 that \$8,000,000 shall be expended on programs for the purpose to promote urban agriculture,  
722 including, grants to municipalities and non-profit organizations to acquire land for urban  
723 agriculture, and for related infrastructure, equipments and technical assistance, subject to the  
724 requirement that such expenditures benefit recipient communities by promoting community,  
725 access to locally grown food, job creation, small business development, agricultural training and  
726 youth development; and provided further, that \$2,000,000 shall be expended to support food  
727 ventures, primarily in communities of low or moderate income, including but not limited to  
728 community kitchens, food truck commissaries, greenhouses, farmers markets, infrastructure for  
729 community supported agriculture businesses.....\$11,000,000

730 Department of Conservation and Recreation.

731 2840-7024 For the design, construction, reconstruction, removal, improvement or  
732 rehabilitation of department reservations, forests, parks, harbor islands, skating rinks, swimming  
733 pools, golf courses, tennis courts, basketball courts, playgrounds, other recreational facilities,  
734 beaches and related facilities, storage buildings, office buildings and other parks buildings and  
735 equipment and for the planning, design, construction, repair, reconstruction, rehabilitation or  
736 improvement of department bike paths, greenways, recreational trails and related facilities and  
737 equipment; provided further, that \$2,000,000 shall be expended for the design and construction  
738 of a visitor center at the Walden Pond State Reservation; provided further, that \$2,000,000 shall  
739 be expended for the design and construction of Phase II of the Watertown Greenway multi-use  
740 path from Arlington street in the town of Watertown to Fresh Pond Reservation in the City of  
741 Cambridge; provided further, that \$7,000,000 shall be expended for the design, improvement,  
742 and reconstruction of the Brighton-Allston Swimming Pool located at 360 North Beacon street in  
743 the Allston-Brighton section of the city of Boston; provided further, that \$200,000 be expnded  
744 for improvements to the Worcester Vietnam Veterans Memorial including, but not limited to,  
745 electrical repairs, masonry repairs, and new signage; provided further, that \$5,000,000 shall be  
746 expended for the purpose of making improvements to Goodale Park in the town of West  
747 Boylston; provided further, that \$1,200,000 shall be expended for environmental remediation  
748 improvements to Pine Banks Park in the Cities of Melrose and Malden; provided further, that no

749 less than \$250,000 will be expended for the cleanup and replanting of the Fellsmere Pond area in  
750 the City of Malden; provided further, that funds shall be expended for the design and  
751 construction of capital projects and equipment identified by the Metropolitan Beaches  
752 Commission in Nahant, Lynn, Revere, Winthrop, East Boston, South Boston, Dorchester,  
753 Quincy and Hull in consultation with the Department of Conservation and Recreation; provided  
754 further, that funds shall be expended for the development and support of local efforts to improve  
755 water quality on the metropolitan region's public beaches owned by the commonwealth under  
756 the care, custody and control of the department of conservation and recreation, including, but not  
757 limited to, convening the public to enhance awareness of and participation in planning,  
758 regulatory, and permitting decisions, site specific research and analysis, feasibility and other  
759 assessments, plans for water, sewer, storm water, and other infrastructure investments, site  
760 specific plans, including, construction documents and architectural blueprints, the development  
761 of municipal storm water management plans, the design, construction, restoration, enhancement,  
762 reconstruction, rehabilitation or replacement of storm water and sewage system infrastructure,  
763 and for outreach, communications, education, and planning to improve water quality in  
764 communities that include, but are not limited to, Lynn, Nahant, Revere, Winthrop, East Boston,  
765 South Boston, Dorchester, Quincy and Hull; provided further, that \$1,400,000 shall be expended  
766 and made available to the Town of Salisbury for a bathhouse and lifeguard station at Salisbury  
767 Beach in conjunction with the department of conservation and recreation; provided further, that  
768 \$600,000 shall be expended for synthetic turf at Nicholson Stadium at Methuen High School in  
769 the City of Methuen; provided further, that \$1,500,000 shall be expended for improvements and  
770 related construction to recreation fields located at St. Mary's way and Griswold street in the city  
771 of Revere; provided further, that \$1,500,000 shall be expended for the purpose of surface  
772 flooding reduction, and for other improvements as may be required, at the recreation fields  
773 located on Winthrop avenue in the city of Revere; provided further, that funds shall be expended  
774 for capital improvements to the Horseneck Beach State Reservation in the town of Westport,  
775 subject to the restriction that the department shall not relocate any of the existing 32 waterfront  
776 campsites at the Horseneck Beach campgrounds as a result of such improvements; provided  
777 further, that funds shall be expended for the design and reconstruction of the Commissioners  
778 Landing, Darmouth Street Landing and Gloucester Street Landing in the Charles River  
779 Reservation in the City of Boston; provided further that \$2,500,000 shall be expended for the  
780 preservation and restoration of the Blue Hills Observatory in the town of Milton; provided  
781 further, that \$2,500,000 shall be expended for improvements, repairs, and energy efficiency  
782 upgrades at the Trailside Museum in the town of Canton; provided further, that \$1,250,000 shall  
783 be expended for the improvement, rehabilitation and expansion of facilities at the Blue Hills Ski  
784 Area in the town of Canton; provided further that \$2,000,000 shall be expended for  
785 improvements and the construction of a well at Houghton's Pond; provided further, that  
786 \$2,000,000 shall be expended for the improvement, restoration, rehabilitation and maintenance  
787 of the Ponkapoag Golf Course in the town of Canton; provided further, that \$1,000,000 shall be  
788 expended for the repair and restoration of the Max Ulin Rink; provided further, that \$1,000,000

789 shall be expended for the repair and restoration of the Metropolis Rink; provided further, that  
790 \$1,000,000 shall be expended for the repair and restoration of the Joseph J Zapustas Ice Arena;  
791 provided further, that \$1,880,000 shall be expended for improvements at Brookline Reservoir  
792 Park in the Town of Brookline; provided further, that \$2,500,000 shall be expended for  
793 improvements to Swan Street Park in the city of Everett; provided further, that \$750,000 shall be  
794 expended for the improvement and redesign of municipal land on Hobart Street with the  
795 relocated historic train depot in the town of Danvers; provided further, that no less than  
796 \$5,000,000 shall be expended for repairs and improvements to the Lynn Heritage State Park  
797 Boardwalk; provided further, that \$500,000 shall be expended for the planning and construction  
798 of a pavilion and amphitheater at the River Bend Farm and Visitors Center at the Blackstone  
799 River and Canal Heritage State Park; provided further, that \$250,000 shall be expended for the  
800 for the maintenance and restoration of Hopedale Pond in the town of Hopedale; provided further,  
801 that \$75,000 shall be expended to the town of Millis for athletic field improvements; provided  
802 further, that \$3,000,000 shall be expended for upgrades and improvements at Zoo New England;  
803 and provided further, that \$250,000 shall be expended for maintenance and improvements at  
804 Mittineague Park in the town of West Springfield  
805 .....\$ 100,000,000

806           2840-7026 For recreational trails matching grants to assist non-profit organizations and  
807 cities and towns to construct, repair and protect recreational trails, including water trails, trails  
808 that access rivers, lakes and ponds, and trails for the use of recreational vehicles and snow  
809 vehicles, as described under section 20 of chapter 90B of the General Laws; provided, that grant  
810 funds shall be expended to reimburse a nonprofit organization, city or town in an amount that the  
811 commissioner of the department of conservation and recreation shall determine to be appropriate  
812 relative to the anticipated benefits of the project; provided further, that the non-profit  
813 organization, or city, or town shall contribute at least 50 per cent of the project costs, which may  
814 include in-kind expenses; and provided further, the funds expended from this item for the cost of  
815 employees shall not exceed 5 per cent of the funds expended from this item in a fiscal  
816 year.....\$5,000,000

817           SECTION 2C.

818           EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

819           Department of Conservation and Recreation.

820           2890-7035 For the design, construction, reconstruction, repair, improvement or  
821 rehabilitation of department of conservation and recreation parkways, boulevards, multi-use  
822 trails, internal state park roads and recreational trails, pedestrian bridges and related  
823 appurtenances and equipment, including, but not limited to, the costs of engineering and other  
824 services for those projects rendered by department of conservation and recreation employees or  
825 by consultants; provided, that funds may be expended for pedestrian and bicycle safety, traffic

826 calming, landscape improvements, street lighting and safety equipment; provided further, that all  
827 work funded by this item shall be carried out according to standards developed by the  
828 department of conservation and recreation pursuant to historic parkways preservation treatment  
829 guidelines to protect the scenic and historic integrity of the bridges and parkways under its  
830 control; provided further that \$10,000,000 shall be expended on design, signalization, safety  
831 improvements, sidewalks, and aesthetic improvements on Brush Hill Road and Truman Parkway  
832 in the town of Milton; provided that the department of conservation and recreation shall ensure  
833 all signage on Truman Parkway properly refers to the road as “parkway”; provided further that  
834 not less than \$1,000,000 shall be expended for aesthetic, pedestrian, and vehicular traffic  
835 improvements at the intersection of Neponset Valley Parkway and Brush Hill Road in the town  
836 of Milton .....\$78,000,000

837 SECTION 2D.

838 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS.

839 Department of Energy Resources.

840 9300-7031 For the leading by example program, to reduce greenhouse gas emissions  
841 and other environmental impacts at state agencies, authorities and public colleges and  
842 universities; to stimulate increased public and private sector investment in clean energy and  
843 related enterprises, institutions and projects in the commonwealth, including providing economic  
844 assistance for the development of these enterprises and non-financial assistance; provided, that  
845 costs payable from this item shall include, but not be limited to, the costs of engineering and  
846 other services essential to these projects rendered by department of environmental protection and  
847 maintenance employees or by consultants; provided further, that for projects which the secretary  
848 of administration and finance certifies to the comptroller directly or indirectly generate new state  
849 revenue or budgetary savings, the comptroller shall transfer those budgetary savings or revenue  
850 to the state treasurer for payment of debt service related to those  
851 projects.....\$5,000,000

852 9300-7918 For the energy conservation improvement program under section 11 of  
853 chapter 25A of the General Laws; provided, that costs payable from this item shall include, but  
854 not be limited to, the costs of engineering and other services essential to these projects rendered  
855 by department of environmental protection and maintenance employees or by consultants;  
856 provided further, that funds in this item shall be allocated from time to time by the commissioner  
857 of energy resources for the purposes of the energy audit program, the energy conservation  
858 improvement program, and the alternative energy property program, and for other programs that  
859 increase energy efficiency and the deployment of renewable resources at public facilities;  
860 provided further, that when expending these funds, the commissioner shall take into  
861 consideration, among other relevant factors, the amount of available state and federal financial  
862 resources, the needs of each program with respect to public buildings and facilities, the volume

863 of requests or expected requests from other entities for assistance under each program, the  
864 expected costs and public benefits of each program and, after information has become available  
865 from the energy audit program, the priorities and needs indicated by that information; provided  
866 further, that funds shall be expended on the buildings and facilities owned by public entities;  
867 provided further, that for projects which the secretary of administration and finance certifies to  
868 the comptroller directly or indirectly generate new state revenue or budgetary savings, the  
869 comptroller shall transfer those budgetary savings or revenue to the state treasurer for payment of  
870 debt service related to those projects; provided further, that grants may be issued, including, but  
871 not limited to, municipalities, regional planning agencies, non-profit organizations and other  
872 public and non-public entities, for the purposes of this item; and provided further, that funds  
873 shall be expended on energy efficiency and environmental improvements to Union Station in the  
874 city of Springfield ..... \$10,000,000

875 SECTION 2E.

876 EXECUTIVE OFFICE FOR ADMINISTRATION AND FINANCE

877 Division of Capital Asset Management and Maintenance.

878 1102-2015 For the accelerated energy program to improve the energy efficiency of  
879 state-owned facilities, which includes costs associated with planning and studies, prepayment of  
880 lease for a term that exceeds the useful life of the facility, gifts or other transfers, or by eminent  
881 domain under chapter 79 of the General Laws, for the preparation of plans and specifications,  
882 repairs, construction, renovations, improvements, asset management and demolition, disposition  
883 and remediation of state-owned and former county facilities and grounds and repair and  
884 maintenance of buildings and building systems and equipment at various facilities of the  
885 commonwealth; provided, that all maintenance and repair work funded in this item shall be listed  
886 in the capital asset management information system administered by the division of capital asset  
887 management and maintenance; provided further, that, where appropriate, the commissioner of  
888 capital asset management and maintenance may transfer funds in accordance with the delegation  
889 of project control and supervision process under section 40B of chapter 7 of the General Laws;  
890 provided further, that costs payable from this item shall include, but not be limited to, the costs  
891 of engineering and other services essential to these projects rendered by division of capital asset  
892 management and maintenance employees or by consultants; provided further, that amounts  
893 expended for division employees may include the salary and salary-related expenses of these  
894 employees to the extent that they work on or in support of these projects; provided, however, that  
895 the division shall not expend more than 5 per cent of the funds authorized herein for such costs;  
896 and provided further, that the commissioner of the division of capital asset management and  
897 maintenance shall maximize efforts to utilize all available means to minimize use of capital  
898 funds to pay for salaries of division employees.....\$62,000,000

899 SECTION 2F.



900 EXECUTIVE OFFICE FOR ADMINISTRATION AND FINANCE

901 Division of Capital Asset Management and Maintenance.

902 1102-2016 For the accelerated energy program to improve the energy efficiency of  
903 state-owned facilities, which includes costs associated with planning and studies, prepayment of  
904 a lease for a term that exceeds the useful life of the facility, gifts or other transfers, or by eminent  
905 domain under chapter 79 of the General Laws, for the preparation of plans and specifications,  
906 repairs, construction, renovations, improvements, asset management and demolition, disposition  
907 and remediation of state-owned and former county facilities and grounds and repair and  
908 maintenance of buildings and building systems and equipment at various facilities of the  
909 commonwealth; provided, that all maintenance and repair work funded in this item shall be listed  
910 in the capital asset management information system administered by the division of capital asset  
911 management and maintenance; provided further, that, where appropriate, the commissioner of  
912 capital asset management and maintenance may transfer funds in accordance with the delegation  
913 of project control and supervision process under section 5 of chapter 7C of the General Laws;  
914 provided further, that for projects which the secretary of administration and finance certifies to  
915 the comptroller directly or indirectly generate new state revenue or budgetary savings, the  
916 comptroller shall transfer those budgetary savings or revenue to the state treasurer for payment of  
917 debt service related to those projects; provided further, that costs payable from this item shall  
918 include, but not be limited to, the costs of engineering and other services essential to these  
919 projects rendered by division of capital asset management and maintenance employees or by  
920 consultants; provided further, that amounts expended for division employees may include the  
921 salary and salary-related expenses of these employees to the extent that they work on or in  
922 support of these projects; provided, however, that the division shall not expend more than 5 per  
923 cent of the funds authorized herein for such costs; and provided further, that the commissioner of  
924 the division of capital asset management and maintenance shall maximize efforts to utilize all  
925 available means to minimize use of capital funds to pay for salaries of division  
926 employees.....\$250,000,000

927 SECTION 2G.

928 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

929 Office of the Secretary.

930 2000-7026 For the design, construction, reconstruction, rehabilitation or removal of  
931 coastal infrastructure, including, but not limited to, seawalls, jetties, revetments, retaining walls;  
932 provided, that costs payable from this item may include, but not be limited to, the costs of  
933 engineering and other technical assistance services essential to these projects rendered by the  
934 office of coastal zone management within the executive office of energy and environmental  
935 affairs, the office of waterways within the department of conservation and recreation, and  
936 maintenance employees or by consultants; provided further, that loans may be made to local

937 government units to carry out this item; provided further, that grants may be awarded to public  
938 entities to carry out this item; provided further, that \$7,200,000 shall be expended for the  
939 reconstruction of the state-owned, Point Allerton avenue seawall in the town of Hull; provided  
940 further, that \$3,000,000 shall be expended for the maintenance, repairs, and reconstruction of  
941 seawalls in the city of Quincy; and provided further, that funds shall be expended for design,  
942 repair and reconstruction for the Long Beach seawall in the town of  
943 Rockport.....\$120,000,000

944 SECTION 3: Chapter 23G of the General Laws, as appearing in the 2010 Official  
945 Edition, as amended by section 12 of chapter 238 of the acts of 2012, is hereby amended by  
946 adding the following section:-

947 Section 46. Commercial Sustainable Energy Program. (a) As used in this section, the  
948 following words shall have the following meanings, unless the context clearly requires  
949 otherwise:

950 “Agency”, the Massachusetts Development Finance Agency as established in chapter  
951 23G.

952 “Betterment Assessment”, an assessment of a betterment on qualified commercial or  
953 industrial property in relation to energy or resiliency improvements established under the  
954 commercial sustainable energy program, that has been duly assessed in accordance with chapter  
955 80.

956 “Benefitted property owner”, an owner of qualifying commercial or industrial property  
957 who desires to install energy or resiliency improvements and who provides free and willing  
958 consent to the betterment assessment against the qualifying commercial or industrial property.

959 “Commercial or industrial property”, any real property other than a residential dwelling  
960 containing fewer than five dwelling units.

961 “Commercial sustainable energy program”, a program that facilitates PACE projects and  
962 utilizes the betterment assessments authorized by this section as the source of both the repayment  
963 of and collateral for the financing of PACE projects.

964 “Department”, the Department of Energy Resources as established in chapter 25A.

965 “Energy Improvements”, (1) any renovation or retrofitting of qualifying commercial or  
966 industrial real property to reduce energy consumption or installation of a renewable energy  
967 system to serve qualifying commercial or industrial property, provided such renovation, retrofit  
968 or installation is permanently fixed to such qualifying commercial or industrial property, or (2)  
969 the construction of an extension of an existing natural gas distribution company line to qualifying  
970 commercial or industrial property to enable the qualifying commercial or industrial property to

971 obtain natural gas distribution service to displace utilization of fuel oil, electricity or other  
972 conventional energy sources.

973 “EOEEA”, the Executive Office of Energy and Environmental Affairs as established in  
974 section 1 of chapter 21A.

975 “Financing entity”, (1) the agency; or (2) special purpose entity duly authorized by the  
976 agency.

977 “PACE bonds”, bonds, notes or other evidence of indebtedness, in the form of revenue  
978 bonds and not general obligation bonds of the commonwealth or the financing entity, issued by  
979 the financing entity related to the commercial sustainable energy program established by this  
980 section.

981 “PACE project”, with respect to a parcel of qualifying commercial or industrial property,  
982 (1) design, procurement, construction, installation and implementation of energy or resiliency  
983 improvements; (2) related energy or resiliency audits; (3) renewable energy system feasibility  
984 studies; and (4) measurement and verification reports of the installation and effectiveness of such  
985 energy improvements.

986 “Participating municipality”, a municipality that has entered into a written agreement  
987 with the agency as contemplated by subsection (b)(3) of this section.

988 “Qualifying commercial or industrial property”, any commercial or industrial property  
989 owned by any person or entity other than a municipality or other governmental entity, that meets  
990 the qualifications established for the commercial sustainable energy program in accordance with  
991 the program guidelines as established in subsection (d) of this section and in subsection (13) of  
992 section 6 of chapter 25A.

993 “Resiliency Improvements”, any renovation or retrofitting of qualifying commercial or  
994 industrial real property to adjust to actual or expected climactic stimuli or their effects, provided  
995 such renovation or retrofit is permanently fixed to such qualifying commercial or industrial  
996 property.

997 “Special purpose entity”, a partnership, limited partnership, association, corporation,  
998 limited liability company or other entity established and authorized by the agency to issue PACE  
999 bonds, subject to approval by the agency as provided by the agency in its resolution authorizing  
1000 the special purpose entity to issue PACE bonds.

1001 (b) (1) The agency, in consultation with the department, shall establish a commercial  
1002 sustainable energy program in the commonwealth, and in furtherance thereof, is authorized to  
1003 issue PACE bonds, either directly or through a special purpose entity, for the purpose of  
1004 financing all or a portion of the costs of the activities comprising one or more PACE projects.

1005                   (2) Upon the approval of a PACE project by the department, the financing entity  
1006 may issue PACE bonds. Such PACE bonds shall be issued in accordance with section 8 of this  
1007 chapter; provided, however, that the agency shall not be required to make the findings set forth in  
1008 subsections (a) and (b) of said section 8. PACE bonds issued in furtherance of this section shall  
1009 not be subject to, or otherwise included in, the principal amount of debt obligations issued under  
1010 section 29 of this chapter. Such PACE bonds may be secured as to both principal and interest by  
1011 a pledge of revenues to be derived from the commercial sustainable energy program, including  
1012 revenues from betterment assessments on qualifying commercial or industrial property on which  
1013 the PACE projects being financed by the issuance of such PACE bonds are located, as well as  
1014 any reserve funds or other credit enhancements created in connection with the commercial  
1015 sustainable energy program.

1016                   (3) Each municipality in the Commonwealth shall have the option to participate in  
1017 the commercial sustainable energy program as a participating municipality by executing a  
1018 written agreement, as approved by a majority vote of the city or town council, or by a majority  
1019 vote of the board of selectmen, with the agency pursuant to which the municipality has agreed to  
1020 assess, collect, remit and assign betterment assessments, in return for energy or resiliency  
1021 improvements for a benefitted property owner located within such municipality and for costs  
1022 reasonably incurred in performing such duties. Any energy use reduction accomplished through  
1023 the commercial sustainable energy program shall count toward the municipality's 20 per cent  
1024 baseline reduction required by section 10 of chapter 25A in order to qualify as a green  
1025 community.

1026                   (c) The agency, (1) working in conjunction with the department, shall develop program  
1027 guidelines governing the terms and conditions under which financing for PACE projects may be  
1028 made available to the commercial sustainable energy program, which may include standards to  
1029 encourage property owners to undertake projects where the cost savings of the energy or  
1030 resiliency improvements over the useful life of the improvements exceeds the costs of the  
1031 improvements; (2) shall provide information as requested by the department regarding the  
1032 expected financing costs for PACE projects; (3) may serve as an aggregating entity for the  
1033 purpose of securing state or private third-party financing for energy or resiliency improvements  
1034 pursuant to this section; (4) may establish a loan loss, liquidity reserve or credit enhancement  
1035 program to support PACE bonds issued under this section; and (5) may use the services of one or  
1036 more private, public or quasi-public third-party administrators to administer, provide support or  
1037 obtain financing for PACE projects under the commercial sustainable energy program.

1038                   (d) If a benefitted property owner requests financing from the agency for energy or  
1039 resiliency improvements under this section, the agency shall:

1040                   (1) Refer the project to the department for approval under the guidelines  
1041 established by subsection (13) of section 6 of chapter 25A;

1042 (2) Upon confirmation of project approval by the department, evaluate the project  
1043 for compliance with the financial underwriting guidelines established by the agency;

1044 (3) Impose requirements and conditions on the financing in order to ensure timely  
1045 repayment, including, but not limited to, procedures for placing a lien on a property as security  
1046 for the repayment of the betterment assessment;

1047 (4) Require that the property owner provide a copy of a contract duly executed by  
1048 the contractor performing the energy or resiliency improvements;

1049 (5) Require that the property owner obtain consent from any existing mortgage  
1050 holder of the property to the intent to finance such energy or resiliency improvements pursuant to  
1051 this section; and

1052 (6) If the agency approves financing, require the participating municipality to levy  
1053 a betterment assessment in a manner consistent with this section and with chapter 80, insofar as  
1054 such provisions may be applicable and consistent with this section, on the qualifying commercial  
1055 or industrial property in a principal amount sufficient to pay the costs of the energy or resiliency  
1056 improvements and any associated costs that the agency determines will benefit the qualifying  
1057 commercial or industrial property, including costs of the agency.

1058 (e) (1) The agency may enter into a financing and assessment agreement with the  
1059 property owner of qualifying commercial or industrial property. The agency may raise funds to  
1060 supply the financing under such agreement by issuing PACE bonds. Upon execution of such  
1061 agreement and immediately prior to making the funds, which may constitute all or a portion of  
1062 the proceeds from the issuance of such PACE bonds, available to the property owner for the  
1063 PACE project under the agreement, the agency shall notify the participating municipality and the  
1064 participating municipality or its designee shall record the betterment assessment and lien on the  
1065 qualifying commercial or industrial property.

1066 (2) The agency shall disclose to the property owner the costs associated with  
1067 participating in the commercial sustainable energy program established by this section, including  
1068 the effective interest rate of the betterment assessment, any fees charged by the authority to  
1069 administer the program and any fees charged by third parties such as originators or other  
1070 intermediaries.

1071 (f) At the time the betterment assessment is made, the agency shall set the term and  
1072 amortization schedule, the fixed or variable rate of interest for the repayment of the betterment  
1073 assessment amount, and any required closing fees and costs. The amortization schedule shall  
1074 provide for an amortization period of no longer than the lesser of: (1) the useful life of the  
1075 longest-lived of the energy or resiliency improvements comprising the PACE project(s) financed  
1076 by such betterment assessment; or (2) 20 years. The interest rate, which may be supplemented  
1077 with state or federal funding, shall be sufficient to pay the principal and interest and may be

1078 calculated to include the financing and administrative costs of the commercial sustainable energy  
1079 program, including delinquencies.

1080 (g) When the agency has authorized, but not issued, PACE bonds for PACE projects and  
1081 other costs of the commercial sustainable energy program, including interest costs and other  
1082 costs related to the issuance of PACE bonds, the agency may require the participating  
1083 municipality where the qualifying commercial or industrial property is located, or the program  
1084 administrator duly approved by the agency, to record the agreement between the agency and the  
1085 property owner as a betterment pursuant to chapter 80, except that such betterment may apply to  
1086 a single parcel of qualifying commercial or industrial property, and as a lien against the  
1087 qualifying commercial or industrial property benefitted.

1088 (h) Betterment assessments levied pursuant to this section and the interest, fees and any  
1089 penalties thereon shall constitute a lien against the qualifying commercial or industrial real  
1090 property until they are paid, notwithstanding the provisions of section 12 of chapter 80, and shall  
1091 continue notwithstanding any alienation or conveyance of the qualifying commercial or  
1092 industrial real property by one property owner to a new property owner. A new property owner  
1093 shall take title to the qualifying commercial or industrial property subject to the betterment  
1094 assessment and related lien. The lien shall be levied and collected in the same manner as the  
1095 property taxes of the participating municipality on real property, including, in the event of  
1096 default or delinquency, with respect to any penalties, fees and remedies and lien priorities. Each  
1097 lien may be continued, recorded and released upon repayment in full of the benefit assessment in  
1098 the manner provided for property tax liens. Each lien shall take precedence over all other liens  
1099 or encumbrances, except a lien for taxes of the municipality on real property.

1100 (i) Any participating municipality may sell or assign to the agency, or to an assignee  
1101 designated by the agency, any and all liens filed by the tax collector, as provided in the written  
1102 agreement between the participating municipality and the agency. The agency and the  
1103 assignee(s) shall negotiate the consideration received by the agency. The assignee(s) shall have  
1104 and possess the same powers and rights at law or in equity as the agency and the participating  
1105 municipality and its tax collector would have had with regard to the precedence and priority of  
1106 such lien, the accrual of interest and the fees and expenses of collection. The assignee(s) shall  
1107 have the same rights to enforce such liens as any private party holding a lien on real property,  
1108 including, but not limited to, foreclosure and a suit on the debt. The assignee(s) shall recover  
1109 costs and reasonable attorneys' fees incurred as a result of any foreclosure action or other legal  
1110 proceeding brought pursuant to this section and directly related to the proceeding from those  
1111 having title to the property subject to the proceedings. Such costs and fees may be collected by  
1112 the assignee(s) at any time after the assignee(s) have made a demand for payment.

1113 (j) The exercise of the powers granted by this section shall be for the benefit of the people  
1114 of the commonwealth by increasing energy efficiency and resiliency in the commonwealth. As  
1115 the exercise of such powers shall constitute the performance of essential government functions,

1116 the financing entity shall not be required to pay any taxes or assessments upon the property  
1117 acquired or used by the financing entity under this section or upon the income derived therefrom.  
1118 The PACE bonds issued under this section, their transfer and the income derived therefrom,  
1119 including any profit made on the sale thereof, shall at all times be free of taxation within the  
1120 commonwealth.

1121 (k) The activities of the commercial sustainable energy program shall be reviewed in the  
1122 3-year planning process and annual reviews undertaken pursuant to section 21 of chapter 25.

1123 (l) The agency may establish rules and guidelines as are necessary to implement the  
1124 purposes of the program, including procedures describing the application process and criteria to  
1125 be used in evaluating application for PACE bonds under this section.

1126 SECTION 4. Section 6 of chapter 25A of the General Laws, as appearing in the 2010  
1127 Official Edition, is hereby amended by striking subsection 12 and inserting in place thereof the  
1128 following subsections:-

1129 (12) intervene and advocate on behalf of small commercial and industrial users before the  
1130 department of public utilities in any dispute between such businesses and generation or  
1131 distribution companies, as defined pursuant to section 1 of chapter 164; and

1132 (13) plan, develop, oversee and operate the commercial sustainable energy program, with  
1133 the Massachusetts Development Finance Agency, in accordance with the provisions of section  
1134 46 of chapter 23G. In accordance with this section, the Department shall approve each PACE  
1135 project prior to the issuance of a PACE bond under section 46 of chapter 23G and in so doing  
1136 shall consider whether the cost savings of the energy or resiliency improvements over the useful  
1137 life of such improvements exceed the costs of such improvements.

1138 SECTION 5. Section 1 of chapter 23J of the General Laws, as appearing in the 2012  
1139 Official Edition, is hereby amended by inserting after the definition of "Trust fund", the  
1140 following definitions:-

1141 "Water Technology Innovation", advanced and applied technologies that may require  
1142 less energy to operate and improve the management, treatment, distribution and efficient use of  
1143 water resources including, but not limited to, drinking water, wastewater, stormwater, surface  
1144 water, groundwater and salt water across a portfolio of uses, but not limited to, municipal,  
1145 industrial, commercial, domestic and agricultural.

1146 "Water trust fund", the Massachusetts Water Technology Innovation Trust Fund  
1147 established pursuant to section 9A.

1148 SECTION 6. Subsection (a) of section 2 of said chapter 23J, as so appearing, is hereby  
1149 amended by inserting after the third paragraph, the following paragraph:-

1150 The center shall further promote the public interests by promoting water technology  
1151 innovation and industry development in accordance with section 9A.

1152 SECTION 7. Subsection (e) of said section 2 of said chapter 23J, as so appearing, is  
1153 hereby amended inserting after the second paragraph, the following paragraph:-

1154 The board shall appoint and employ a water trust fund director, who shall be a resident of  
1155 the commonwealth and who shall have knowledge and expertise in the field of water innovation.  
1156 The board shall fix the compensation and conditions of employment of the director of the water  
1157 trust fund, who shall report to the executive director.

1158 SECTION 8. Said subsection (a) of said section 3 of said chapter 23J, as so appearing, is  
1159 hereby amended by striking subparagraph (30) and inserting in place thereof the following  
1160 subparagraphs:-

1161 (30) to establish, if the center so chooses, a program to be known as the entrepreneurial  
1162 fellowship program, which shall award grants to entrepreneurs from business sectors other than  
1163 clean energy sectors to enroll in programs to foster knowledge and expertise of clean energy  
1164 technology; provided, however, that the clean energy technology programs shall be based upon  
1165 intensive technology, market and policy curriculum and; provided, further, that the center shall  
1166 establish public-private partnerships and enter into contribution agreements with commonwealth-  
1167 based companies and venture capitalists to support programs designed to mentor and train  
1168 entrepreneurs from other business sectors in the areas of clean energy technology and  
1169 development to increase investment in the commonwealth's clean energy sector;

1170 (31) to administer the trust fund in accordance with section 9;

1171 (32) to borrow and repay money by issuing bonds or notes, to apply the proceeds of such  
1172 bonds or notes to the furtherance of the centers purpose under this chapter and to pledge or  
1173 assign or create security interests in any revenues, receipts or other assets or funds of the center  
1174 to secure bonds or notes including, without limitation, amounts received or held in the  
1175 Massachusetts Renewable Energy Trust Fund established pursuant to section 9; provided, that  
1176 bonds and notes issued under this provision shall not be deemed to constitute a debt of the  
1177 commonwealth or any such political subdivision and that such bonds and notes shall be payable  
1178 solely from the amounts received or held in such Massachusetts Renewable Energy Trust Fund;  
1179 and

1180 (33) to administer the water trust fund in accordance with Section 9A.

1181 SECTION 9. Section 9 of said chapter 23J, as so appearing, is hereby amended by  
1182 striking the word "fund", in line 194, and inserting in place thereof the following:- "fund; and".

1183 SECTION 10. Said section 9 of said chapter 23J, as so appearing, is hereby amended by  
1184 inserting after subsection (g) the following subsection:-



1185 (h) The center is hereby authorized at any time and from time to time to issue its debt  
1186 obligations in one or more series and in such principal amounts as in the opinion of the center  
1187 shall be necessary for achieving its corporate purposes. The bonds or notes issued pursuant to the  
1188 security provided by this provision shall not be deemed to constitute a debt of the commonwealth  
1189 or any political subdivision thereof or a pledge of the credit of the commonwealth or any such  
1190 political subdivision and that such bonds and notes shall be payable solely from the amounts  
1191 received or held in the Massachusetts Renewable Energy Trust Fund.

1192 The power to determine any of the details of the debt obligations of the center including,  
1193 but not limited to, their date of issue, their maturity, their interest rate or rates, the date or dates  
1194 of payment of interest, their denominations, their form, their execution, their terms of  
1195 redemption, and the power to award such debt obligations to a purchaser or purchasers may be  
1196 delegated by the board to any member thereof or to any agent of the center.

1197 In the discretion of the center, debt obligations issued under the provisions of this section  
1198 may be secured by one or more trust agreements. Any such trust agreement may pledge, grant a  
1199 security interest in or otherwise assign as security for debt obligations which secures it all or any  
1200 part of the revenues, funds or assets of the center; provided, that bonds and notes issued under  
1201 this provision shall be payable solely from the amounts received or held in the Massachusetts  
1202 Renewable Energy Trust Fund. The Center may create and establish one or more reserve funds to  
1203 be known as debt service reserve funds and may pay into such reserve funds: (i) any money  
1204 appropriated or made available by the commonwealth for such funds; (ii) any proceeds of sale of  
1205 debt obligations to the extent provided in the resolution of the center authorizing the issuance  
1206 thereof or a trust agreement securing the same; and (iii) any other money which may be available  
1207 to the center for such purposes. The money held in or credited to any debt service reserve fund  
1208 established under this act shall be used solely for the payment of the principal of debt obligations  
1209 of the center secured by such reserve fund as the same mature, the purchase of such debt  
1210 obligations of the center, the payment of interest on such debt obligations of the center or the  
1211 payment of any redemption premiums required to be paid when such debt obligations are  
1212 redeemed prior to maturity; provided that, money in any such fund shall not be withdrawn  
1213 therefrom at any time in such amounts as would reduce the amount of such fund to less than the  
1214 minimum fund balance with respect thereto as designated in a resolution adopted by the board or  
1215 as set forth in a trust agreement which secures such debt obligations, with any such designation  
1216 to be subject to amendment only as to the extent provided in such resolution or instrument.

1217 In enacting this chapter, the general court does not intend that the commonwealth should  
1218 be under any legal or moral obligation to make any appropriation or provision to the center of  
1219 any additional funds beyond those collected pursuant to section 20 of chapter 25 in order to  
1220 ensure the maintenance of the minimum fund balance of any such debt service reserve fund  
1221 established by the center and any debt obligation issued by the center shall contain on its face a  
1222 statement to the effect that neither the faith and credit, nor the general taxing power of the  
1223 commonwealth or any of its political subdivisions, nor the moral obligation to make available to

1224 the center any funds beyond those collected pursuant to section 20 of chapter 25 is pledged to the  
1225 payment of the principal of or premium, if any, or interest on such debt obligation.

1226 All bond or notes of the center executed under this chapter shall have all of the qualities  
1227 and incidents of negotiable instruments under the Uniform Commercial Code. Debt obligations  
1228 issued by the center under the provisions of this chapter are hereby made securities in which all  
1229 public officers and public bodies of the commonwealth and its political subdivisions, all  
1230 insurance companies, trust companies, savings banks, co-operative banks, banking associations,  
1231 investments companies, executors, trustees and other fiduciaries, and all other persons  
1232 whatsoever who are now or may hereafter be authorized to invest in bonds may properly and  
1233 legally invest, including capital in their control or belonging to them. Such debt obligations are  
1234 hereby made securities which may properly and legally be deposited with and received by any  
1235 state or municipal officer or any agency or political subdivision of the Commonwealth and for  
1236 any purpose for which the deposit of bonds or other obligations of the commonwealth now or  
1237 may hereafter be authorized by law.

1238 SECTION 11. Said chapter 23J of the General Laws, is hereby amended by inserting  
1239 after section 9, the following new section:-

1240 Section 9A. (a) There is hereby established and placed within the center a separate fund  
1241 to be known as the Massachusetts Water Technology Innovation Trust Fund. The center shall  
1242 hold the water trust fund in an account or accounts separate from other funds. The fund shall be  
1243 credited any appropriations, bond proceeds or other monies authorized by the general court and  
1244 specifically designated to be credited thereto, and any income derived from the investment of  
1245 amounts credited to the water trust fund. All amounts credited to the water trust fund shall be  
1246 held in trust and used solely for activities and expenditures consistent with the public purpose of  
1247 the water trust fund as set forth in subsection (b), including the ordinary and necessary expenses  
1248 of administration and operation associated with the water trust fund. Unless otherwise specified,  
1249 all monies of the center, from whatever source derived, shall be paid to the treasurer of the  
1250 center. Such monies shall be deposited, in the first instance, by the treasurer in national banks, in  
1251 trust companies, savings banks and cooperative banks chartered under the laws of the  
1252 commonwealth, or in other banking companies in compliance with section 34 of chapter 29.  
1253 Funds in these accounts shall be paid out on the warrant or other order of the treasurer of the  
1254 center and the director of the water trust fund or other person that the board may authorize to  
1255 execute warrants.

1256 (b) The center may make expenditures from the water trust fund for the public purpose of  
1257 supporting a water industry cluster in Massachusetts and promoting the development of jobs in  
1258 the water technology industry. Such expenditures shall support creation and operation of testing  
1259 and piloting facilities for the advancement of water technology. Such expenditures may also  
1260 include, but shall not be limited to, the following: (i) supporting the development of pilot and  
1261 demonstration projects and other activities designed to advance the commercialization of

1262 promising water technologies in the commonwealth; (ii) the provision of financial support for the  
1263 development and application of water-related technologies at all levels including, but not limited  
1264 to, basic and applied research and commercialization activities; and (iii) creation of funding  
1265 programs including water technology challenges, international partnerships, relevant conference  
1266 programs and other means of encouraging water technology innovation in the commonwealth.

1267 (c) Public interests to be advanced through the center's actions shall include, but shall not  
1268 be limited to, the following: (i) the development and increased use and affordability of water  
1269 technology innovation in the commonwealth and the New England region; (ii) the creation of  
1270 additional employment opportunities in the commonwealth through the development of water  
1271 technologies; (iii) the stimulation of increased public and private sector investment in, and  
1272 competitive advantage for, water innovation technology and related enterprises, institutions and  
1273 projects in the commonwealth and the New England region; and (iv) the stimulation of  
1274 entrepreneurial activities in these and related enterprises, institutions and projects.

1275 (d) In furtherance of any strategic and operational plans, and other public purposes and  
1276 interests, and consistent with all of the powers otherwise granted to the center under section 3 of  
1277 this chapter, the center may expend monies from the water trust fund to: make grants, contracts,  
1278 loans, equity investments; provide financial or debt service obligation assistance; or take any  
1279 other action, in such forms, under such terms and conditions and under such selection procedures  
1280 as the center deems appropriate and otherwise in a manner consistent with good business  
1281 practices; provided, however, that the center shall employ a preference for competitive  
1282 procurements; provided further, that the center shall endeavor to leverage the full range of the  
1283 resources, expertise and participation of other state and federal agencies and instrumentalities, as  
1284 well as private industry, in the design and implementation of programs conducted pursuant to  
1285 this section; and provided further, that the board shall determine and incorporate into the minutes  
1286 of its proceedings a finding that such actions are calculated to advance the public purpose and  
1287 public interests set forth in this section.

1288 (e) The board shall establish a water technology innovation advisory board. The advisory  
1289 board shall consist of the executive director of the Center or a designee; the commissioner of the  
1290 department of environmental protection or a designee; 2 individuals appointed by the secretary  
1291 of energy and environmental affairs, who shall be employed in the water technology innovation  
1292 industry; 1 individual appointed by the secretary, who shall be a representative of a public water  
1293 utility in the commonwealth; and 1 individual appointed by the secretary, who shall be a  
1294 representative of an institution of higher education in the commonwealth with knowledge and  
1295 expertise in the field of water innovation. The advisory board shall meet periodically at such  
1296 times and in such places as determined by its members. The advisory board shall make periodic  
1297 reports and recommendations to the board of directors; provided, however, that no such  
1298 recommendations shall be considered binding upon the board of directors.

1299 SECTION 12. Chapter 29 of the General Laws, is hereby amended by inserting, after  
1300 section 2KKK, the following section:-

1301 Section 2LLLL. (a) There shall be established and set upon the books of the  
1302 commonwealth a separate fund to be known as the Climate Change Adaptation Infrastructure  
1303 Investment Fund into which shall be deposited amounts credited or transferred to the fund by the  
1304 general court or any other source including, without limitation, federal grants, loan repayments,  
1305 investment earnings on monies in the fund, and any other amounts required to be credited to the  
1306 fund by operation of law, resolution or agreement entered into by the department of conservation  
1307 and recreation, office of coastal zone management or the department of fish and game. The fund  
1308 shall be administered by the secretary of energy and environmental affairs. Monies deposited  
1309 into the fund that are unexpended at the end of the fiscal year shall not revert to the General Fund  
1310 and shall be available for expenditure in the subsequent fiscal year.

1311 (b) Amounts credited to the fund may be used, without further appropriation, for the costs  
1312 associated with the operations of the office of waterways and the office of dam safety within the  
1313 department of conservation and recreation, the department of environmental protection the  
1314 department of fish and game and its divisions and the office of coastal zone management within  
1315 the executive office of energy and environmental affairs for the costs associated with operations,  
1316 but such expenditures shall be solely for the purposes stated in this section and no funds shall be  
1317 transferred from the trust to any other fund, and to provide grants or loans to agencies of the  
1318 commonwealth, local governmental bodies to finance or refinance costs of inspection, repair and  
1319 removal projects including, but not limited to, projects related to seawalls, jetties, revetments,  
1320 retaining walls, and inland flood control; provided, however, that the secretary of environmental  
1321 and energy affairs shall require a local match for any funds provided to a local government body.  
1322 The amount expended from this item during any fiscal year for the costs of employees shall not  
1323 exceed 5 per cent of the funds expended from the fund in that fiscal year. As used in this section,  
1324 a "local governmental body" shall include a municipality, district or regional governmental unit  
1325 and a commission or board of a municipality and district or regional governmental unit.

1326 (c) On or before September 1 of each year, a local governmental body or public flood  
1327 control infrastructure owner may apply to the secretary of energy and environmental affairs for  
1328 assistance in financing the cost of an eligible infrastructure project. Priority shall be given to  
1329 projects that are owned or operated by agencies of the commonwealth or local governmental  
1330 bodies.

1331 SECTION 13. Section 34A of chapter 164 of the General Laws, as appearing in the 2010  
1332 Official Edition, is hereby amended by inserting after the word "Town" in line 1 the following:-  
1333 or any other public or quasi-public agency or entity.

1334 SECTION 14. Said section 34A of such chapter 164, as so appearing, is hereby further  
1335 amended by inserting after the word “municipality” in lines 12, 13, 29, 31, 35, 37, 44, 48, 52, 57,  
1336 60, 65, and 70 the following:- or any other public or quasi-public agency or entity.

1337 (f) The center shall have the ability to pursue water technology innovation and industry  
1338 development activities described in this section unless and until the water trust fund ceases to  
1339 have sufficient resources to do so.

1340 SECTION 15. Section 142 of said chapter 164, as so appearing, is hereby amended by  
1341 adding the following paragraph:- A distribution company shall not exercise its franchise rights in  
1342 a way that would affect the distribution and sale of low-emissions electricity by facilities to end  
1343 use customers; provided, however, that the department may grant a waiver of this prohibition  
1344 upon a finding that the waiver is in the public interest and that failure to grant the waiver will  
1345 result in irreparable harm to the distribution company. Any party aggrieved by a decision of the  
1346 department under this section may seek judicial review under chapter 30A.

1347 SECTION 16. Item 2000-7013 of section 2A of said chapter 312 of the acts of 2008 is  
1348 hereby amended by inserting after the word “ provided”, in line 8, the following words:- that any  
1349 land protected with funds authorized in this item be open to the general public for appropriate  
1350 passive recreation; provided further.

1351 SECTION 17. Item 2000-7014 of said section 2A of said chapter 312 is hereby amended  
1352 by striking out, in line 1, the word “park” and inserting in place thereof the following word:-  
1353 parkland.

1354 SECTION 18. Item 2000-7016 of said section 2A of said chapter 312 is hereby amended  
1355 by striking out, in lines 1 to 30, inclusive, the words “For the conservation partnership grant  
1356 program to assist not-for-profit corporations in acquiring interests in lands suitable for purposes  
1357 of conservation or recreation; provided, that the corporation shall be formed for one of the  
1358 purposes described in section 4 of chapter 180 of the General Laws and the corporation shall be  
1359 considered an exempt organization within the meaning of section 501(c)(3) of the Internal  
1360 Revenue Code; provided further, that grant funds shall be expended to reimburse an eligible  
1361 corporation for money expended by it in establishing a project approved by the secretary of  
1362 energy and environmental affairs under this program in an amount that the secretary shall  
1363 determine to be equitable in consideration of anticipated benefits from the project, but in no  
1364 event shall the amount of the reimbursement exceed 50 per cent of the cost of the project;  
1365 provided further, that no reimbursement shall be made under this item to a corporation unless a  
1366 project application is filed by the corporation with the secretary setting forth the plans and  
1367 information that the secretary may require and approved by the secretary, nor until the  
1368 corporation shall have certified, in a manner approved by the secretary, its ability to provide an  
1369 amount equal to the total cost of the project, nor until the project has been completed, to the  
1370 satisfaction of the secretary, in accordance with the approved plans; provided further, that all

1371 projects shall include the grant by the corporation of an appropriate perpetual conservation  
1372 restriction, within the meaning of sections 31 and 32 of chapter 184 of the General Laws, to the  
1373 city or town in which the project is located, to be managed by either its conservation or its  
1374 recreation commission, or a state agency, or both;” and inserting in place thereof the following  
1375 words:- For the conservation partnership grant program to assist not-for-profit corporations and  
1376 soil conservation districts defined in sections 19 to 24, inclusive, of chapter 21 of the General  
1377 Laws in acquiring interests in lands suitable for purposes of conservation or recreation; provided,  
1378 that the corporation shall be formed for 1 of the purposes described in section 4 of chapter 180 of  
1379 the General Laws and the corporation shall be considered an exempt organization within the  
1380 meaning of section 501(c)(3) of the Internal Revenue Code; provided further, that grant funds  
1381 shall be expended to reimburse an eligible corporation or soil conservation district for money  
1382 expended by it in establishing a project approved by the secretary of energy and environmental  
1383 affairs under this program in an amount that the secretary shall determine to be equitable in  
1384 consideration of anticipated benefits from the project, but in no event shall the amount of the  
1385 reimbursement exceed 50 per cent of the cost of the project; provided further, that no  
1386 reimbursement shall be made under this item to a corporation or soil conservation district unless  
1387 a project application is filed by the corporation with the secretary setting forth the plans and  
1388 information that the secretary may require and approved by the secretary, nor until the  
1389 corporation or soil conservation district shall have certified, in a manner approved by the  
1390 secretary, its ability to provide an amount equal to the total cost of the project, nor until the  
1391 project has been completed, to the satisfaction of the secretary, in accordance with the approved  
1392 plans; provided further, that all projects shall include the grant by the corporation or soil  
1393 conservation district of an appropriate perpetual conservation restriction, within the meaning of  
1394 sections 31 and 32 of chapter 184 of the General Laws, to the city or town in which the project is  
1395 located, to be managed by either its conservation or its recreation commission, or a federal or  
1396 state agency, or combination thereof;.

1397 SECTION 19. Item 2200-7011 of said section 2A of said chapter 312 is hereby amended  
1398 by striking out, in lines 1 to 21, inclusive, the words “For the purposes of water quality  
1399 monitoring, assessment and protection as required to meet the legislative and regulatory  
1400 requirements of the Rivers Protection Act, the federal and state Clean Water Acts and the  
1401 Massachusetts Wetlands Protection Act and to provide for integrated energy and environmental  
1402 projects to optimize and preserve environmental quality and public health and provide for  
1403 appropriate protection, restoration, management, and best use of air, energy, water and land  
1404 resources; provided, that this funding, may include, but not be limited to, studies of water  
1405 quality, the development of wetlands conservancy and tidelands Geographic Information System  
1406 (GIS) maps, the implementation of water quality monitoring devices, the collection and analysis  
1407 of water quality samples, the development of water quality analyses known as Total Maximum  
1408 Daily Loads (TMDL’s), and projects related to non-point and point sources of water pollution,  
1409 and the wetlands circuit rider program; otherwise referred to as Area 10 in the town's CWRMP ”  
1410 and inserting in place thereof the following words:- For investment in water and air quality

1411 protection as required to meet the legislative and regulatory requirements of the Rivers  
1412 Protection Act, the federal and state Clean Water Acts and the Massachusetts Wetlands  
1413 Protection Act and to provide for integrated energy and environmental projects to optimize and  
1414 preserve environmental quality and public health and provide for appropriate protection,  
1415 restoration, management, and best use of air, energy, water and land resources, assets and  
1416 infrastructure; provided, that this funding, may include, but not be limited to, research and the  
1417 collection of data to support investment in environmental assets, such research and studies to  
1418 include, but not be limited to, studies of water quality, the development of wetlands conservancy  
1419 and tidelands Geographic Information System (GIS) maps, the implementation of water quality  
1420 monitoring initiatives, the collection and analysis of water quality samples, and the development  
1421 of water quality analyses known as Total Maximum Daily Loads (TMDL's); projects related to  
1422 non-point and point sources of water pollution; and, the wetlands circuit rider program; provided  
1423 further, that funds may be expended for local grants and research for implementation of the  
1424 commonwealth's Sustainable Water Management Initiative, such grants and research to provide  
1425 the data necessary for municipalities to invest in efficient and effective mitigation practices to  
1426 restore and preserve the commonwealth's water resources, assets and infrastructure; provided  
1427 further, that funds authorized in this item may be used for the purposes of the department's  
1428 statewide air monitoring network which may include, but not limited to, photochemical  
1429 assessment monitoring stations, small particulate monitoring and air toxins monitoring; and  
1430 provided further, that funds authorized in this line may include the upgrade of equipment to  
1431 comply with federal requirements.

1432           SECTION 20. Item 2200-7017 of said section 2A of said chapter 312 is hereby amended  
1433 by striking out, in lines 7 to 9, inclusive, the words "department of environmental protection to  
1434 be of potential use for water supply purposes; provided, that any grants approved by the  
1435 department" and inserting in place thereof the following words:- executive office of energy and  
1436 environmental affairs to be of potential use for water supply purposes; provided, that any land  
1437 protected with funds authorized in this item be made open to the general public for passive  
1438 public recreation where appropriate; and provided further, that any grants approved.

1439           SECTION 21. Item 2300-7010 of said section 2A of said Chapter 312 is hereby amended  
1440 by striking out, in line 12, the words "fisheries and wildlife" and inserting in place thereof the  
1441 following words:- fish and game.

1442           SECTION 22. Said item 2300-7010 of said section 2A of said chapter 312 is hereby  
1443 further amended by inserting after the word "easement", in line 17, the following words:- or  
1444 conservation restrictions.

1445           SECTION 23. Said item 2300-7010 of said section 2A of said chapter 312 is hereby  
1446 further amended by inserting after the word "restrictions", in line 22, the following words:- or  
1447 conservation easements.

1448 SECTION 24. Item 2300-7011 of said section 2A of said chapter 312 is hereby amended  
1449 by inserting after the word “ centers”, in line 8, the following words:- dams.

1450 SECTION 25. Item 2300-7013 of said section 2A of said chapter 312 is hereby amended  
1451 by inserting after the word “ recovery”, in line 6, the following words:- and rehabilitation.

1452 SECTION 26. Said item 2300-7013 of said section 2A of said chapter 312 is hereby  
1453 amended by inserting after the word “ recovery”, in line 12, the following words:- and  
1454 rehabilitation projects.

1455 SECTION 27. Item 2300-7014 of said section 2A of said chapter 312 is hereby amended  
1456 by striking out, in lines 16 to 20, inclusive, the words “the commissioner shall identify at all  
1457 scales the natural and cultural resources at risk from invasive species and conduct baseline  
1458 assessments of invasive species at those sites and to educate the public to help prevent and  
1459 control invasive species”.

1460 SECTION 28. Item 2300-7017 of section 2A of said chapter 312 is amended by inserting  
1461 after the word “ studies”, in line 36, the following words:- ; provided further, that funds may be  
1462 expended from this item for a cooperative research program between the department of fish and  
1463 game and the division of fisheries and wildlife, University of Massachusetts cooperative research  
1464 unit and United States Geological Survey to study the status of the aquatic biological diversity in  
1465 the flowing and impounded water of the commonwealth and the impacts of anthropogenic  
1466 factors on aquatic resources and develop and implement capital mitigation projects for impacts to  
1467 aquatic species and other factors; provided further, that research shall include, but not be limited  
1468 to, the impacts of water withdrawal, impervious cover, and water impoundments;.

1469 SECTION 29. Item 2500-7013 of said section 2A of said chapter 312 is hereby amended  
1470 by inserting after the word “farms”, in line 9, the following words:- to promote urban agriculture.

1471 SECTION 30. Item 6121-1317 of section 2A of chapter 79 of the acts of 2014 is hereby  
1472 amended by striking out the words “provided further, that \$65,000,000 shall be expended on the  
1473 dredging of Boston Harbor”;

1474 SECTION 31. To meet the expenditures necessary in carrying out items 2800-7029,  
1475 2800-7031, 9300-7030, 9300-7919 in section 2, items 2000-7070 and 7100-1135 in section 2A  
1476 and items 2000-7051, 2000-7061 and 2500-7023 in section 2B, the state treasurer shall, upon  
1477 request of the governor, issue and sell bonds of the commonwealth in an amount to be specified  
1478 by the governor from time to time but not exceeding, in the aggregate, \$122,625,000. All such  
1479 bonds issued by the commonwealth shall be designated on their face, Accelerated Energy  
1480 Program Improvement Act of 2014, and shall be issued for a maximum term of years, not  
1481 exceeding 10 years, as the governor may recommend to the general court under section 3 of  
1482 Article LXII of the Amendments to the Constitution. The bonds shall be payable not later than  
1483 June 30, 2029. All interest and payments on account of principal on these obligations shall be



1484 payable from the General Fund. Bonds and interest thereon issued under this section shall,  
1485 notwithstanding any other provisions.

1486 SECTION 32. To meet the expenditures necessary in carrying out items 2000-7053,  
1487 2200-7021, 2300-7021, 2300-7027, 2300-7028, 2000-7035, 2800-7032, 2800-7107, 2800-7108  
1488 and 2840-7027 in section 2, items 0620-1001, 1100-2511, 1100-2530, 2000-7028, 2000-7031,  
1489 2000-7054, 2000-7063, 2800-7135, 2500-7024, 1100-2510, 7100-3000 and 7100-3001 in section  
1490 2A, out items 2000-7055, 2000-7057, 2000-7062, 2200-7023, 2200-7025, 2300-7023, 2300-  
1491 7024, 2300-7025, 2300-7026, 2840-7024 and 2840-7026 in section 2B, and sections 2C to 2G,  
1492 inclusive, the state treasurer shall, upon request of the governor, issue and sell bonds of the  
1493 commonwealth in an amount to be specified by the governor from time to time but not  
1494 exceeding, in the aggregate, \$1,366,000,000. All such bonds issued by the commonwealth shall  
1495 be designated on their face, Accelerated Energy Program Improvement Act of 2014, and shall be  
1496 issued for a maximum term of years, not exceeding 20 years, as the governor may recommend to  
1497 the general court under section 3 of Article LXII of the Amendments to the Constitution. The  
1498 bonds shall be payable not later than June 30, 2039. All interest and payments on account of  
1499 principal on these obligations shall be payable from the General Fund. Bonds and interest  
1500 thereon issued under this section shall, notwithstanding any other provisions.

1501 SECTION 33. To meet the expenditures necessary in carrying out item 2800-7027 in  
1502 section 2, items 2000-7056, 2000-7058, 2000-7066, 2500-7011 and 6720-1335 in section 2A and  
1503 items 2000-7052, 2000-7060, 2300-7020 in section 2B, the state treasurer shall, upon request of  
1504 the governor, issue and sell bonds of the commonwealth in an amount to be specified by the  
1505 governor from time to time but not exceeding, in the aggregate, \$236,000,000. All such bonds  
1506 issued by the commonwealth shall be designated on their face, Accelerated Energy Program  
1507 Improvement Act of 2014, and shall be issued for a maximum term of years, not exceeding 30  
1508 years, as the governor may recommend to the general court under section 3 of Article LXII of the  
1509 Amendments to the Constitution. The bonds shall be payable not later than June 30, 2049. All  
1510 interest and payments on account of principal on these obligations shall be payable from the  
1511 General Fund. Bonds and interest thereon issued under this section shall, notwithstanding any  
1512 other provisions.

1513 SECTION 34. Appropriations made pursuant to sections 2 to 2G, inclusive, shall be  
1514 available for expenditure in the 4 fiscal years following June 30 of the calendar year in which the  
1515 appropriation is made and any portion of such appropriation representing encumbrances  
1516 outstanding on the records of the state comptroller's office at the close of the fourth fiscal year  
1517 may be applied to the payment thereof any time thereafter. The unencumbered balance shall  
1518 revert to the commonwealth at the close of the fourth fiscal year.

1519 SECTION 35. To provide for the continued availability of certain bond-funded spending  
1520 authorizations which otherwise would expire, the unexpended balances of the following capital  
1521 accounts are hereby extended through June 30, 2017, for the purposes of and subject to the

1522 conditions stated for these items in the original authorizations and any amendments to such  
1523 authorizations: 6121-0847, 0526-2012, 0620-1000, 0620-2000, 1100-2500, 1102-5000, 1102-  
1524 6000, 1102-7000, 2000-7013, 2000-7014, 2000-7015, 2000-7016, 2000-7018, 2000-7022, 2000-  
1525 7023, 2000-7024, 2000-7025, 2200-7011, 2200-7012, 2200-7013, 2200-7014, 2200-7015, 2200-  
1526 7017, 2200-7018, 2300-7010, 2300-7011, 2300-7013, 2300-7014, 2300-7015, 2300-7016, 2300-  
1527 7017, 2300-7018, 2500-7012, 2500-7013, 2500-7014, 2800-7011, 2800-7012, 2800-7013, 2800-  
1528 7015, 2800-7016, 2800-7017, 2800-7018, 2800-7019, 2800-7022, 2800-7097, 2800-7098, 2840-  
1529 7014, 2840-7017, 6720-7010, 9300-7010, 9300-7909, 2890-7010, 2890-7011, 2820-1420, 2000-  
1530 2011, 2000-2012, 2000-2013, 2000-2015, 2000-2017, 2000-2018, 2000-2019, 2000-2020, 2000-  
1531 2021, 2000-2024, 2000-2025, 2000-2035, 2200-2011, 2200-2014, 2200-2015, 2200-2017, 2300-  
1532 2011, 2300-2012, 2300-2014, 2300-2016, 2300-2017, 2800-0018, 2800-2011, 2800-2017, 2800-  
1533 2019, 2800-2021, 2820-2011, 2820-2012, 2840-2013, 2840-2015, 2840-2016, 2840-2019, 2840-  
1534 2020, 2840-2022, 2840-2023, 2890-2023, 2890-2040, 8000-9012, 6121-0800, 2850-9951, 2840-  
1535 7875, 2200-8969, 2820-8861, 2850-6967, 6121-0816, 6121-0817, 2240-8820, 2250-8820, 2250-  
1536 8822.

1537           SECTION 36. The secretary of administration and finance shall submit a report on the  
1538 progress of any projects funded through the authorizations in this act to the clerks of the senate  
1539 and house of representatives, the chairs of the senate and house committees on ways and means  
1540 and the chairs of the senate and house committees on bonding, capital expenditures and state  
1541 assets. The report shall include, but not be limited to, the previous year planned spending,  
1542 previous year spending, current year planned spending, current year spending to date, original  
1543 estimated total project cost, project description, location of the project, type of spending, type of  
1544 asset and useful life of the project once completed. The report shall be submitted on June 30 and  
1545 December 31 of each year for a period of 8 years after the effective date of this act.

1546           SECTION 37. Each agency acquiring land or an interest in land under section 2, 2A, 2B,  
1547 2C, 2D and 2G may expend an amount not to exceed 5 per cent of the amount appropriated to  
1548 that agency in section 2, 2A, 2B, 2C, 2D and 2G for the purpose of reimbursing non-profit land  
1549 conservation organizations or land trusts for reasonable expenses directly associated with the  
1550 acquisition of land or interests in land subsequently conveyed to the commonwealth.  
1551 Reimbursements shall be made at the discretion of the agency. The secretary of energy and  
1552 environmental affairs shall determine by regulation what shall constitute reasonable expenses. If  
1553 the commonwealth does not take title to the property through no fault of the nonprofit  
1554 organization or the commonwealth, the commonwealth may reimburse the nonprofit  
1555 organization for reasonable expenses associated with due diligence. An organization receiving a  
1556 reimbursement under this section shall convey the land or interest in land to the agency for an  
1557 amount not to exceed the actual purchase price paid by the organization for the land or interest in  
1558 land in addition to any reimbursement received under this section.

1559 SECTION 38. No amounts authorized in section 2, 2A, 2B, 2C, 2D and 2G shall be used  
1560 by a recipient municipality for the supplementing or supplanting of normal operating expenses of  
1561 any function of the municipality.

1562 SECTION 39. The department of conservation and recreation, in consultation with the  
1563 secretary of environmental and energy affairs and the division of fisheries and wildlife, shall  
1564 identify areas in which deer overpopulation is negatively impacting forestation, water resources,  
1565 or plant growth on department owned land. The department of conservation and recreation shall  
1566 also consult with the department of public health regarding the prevalence of tick borne illnesses  
1567 as a result of deer overpopulation. The department of conservation and recreation shall use best  
1568 efforts to develop and implement a plan to appropriately cull deer herds in these areas by  
1569 October 1, 2014, with a focus on areas where the deer population exceeds fifty deer per square  
1570 mile. The department of conservation and recreation and division of fisheries and wildlife may  
1571 promulgate regulations as necessary to effectuate this section. Any fees collected as part of this  
1572 deer culling plan shall be used to fund this plan.

1573 FmThe department of conservation and recreation shall consult with affected  
1574 municipalities in establishing said plan. This consultation shall include, but is not limited to,  
1575 discussion of local ordinances restricting hunting, the safety of increased hunting, the prevalence  
1576 of tick borne illnesses, and the effect of overpopulation on natural resources within the  
1577 municipality. The department of conservation and recreation shall consider all concerns  
1578 expressed by the municipality but may allow hunting notwithstanding local ordinances with no  
1579 less than 30 days notice if reducing the deer population is in the public's best interest.

1580 SECTION 40. Notwithstanding section 30 of chapter 29 of the General Laws or section  
1581 65 of chapter 30 of the General Laws, not more than 5 per cent of the funds authorized in  
1582 sections 2, 2A, 2B, 2C, 2D and 2G may be used for the costs associated with the purchase of title  
1583 insurance and services for title examinations, reports and certifications.

1584 SECTION 41. Notwithstanding any general or special law to the contrary, not more than  
1585 5 per cent of the funds authorized in sections 2, 2A, 2B, 2C, 2D and 2G may be expended for  
1586 services rendered by agency employees or by consultants to the extent that they work on or in  
1587 support of the projects authorized therein; provided, any executive department or state agency  
1588 expending said funds shall maximize efforts to utilize all available means to minimize use of  
1589 capital funds to pay for services rendered by agency employees or by consultants.

1590 SECTION 42. Notwithstanding any general or special law to the contrary, upon acquiring  
1591 any fee interest in land for purposes pursuant to the provisions of Article XCVII of the  
1592 Amendments to the Constitution, all state agencies, commissions and boards expending or  
1593 receiving state funds under this act shall obtain the approval of the secretary of energy and  
1594 environmental affairs before implementing or endorsing any prohibition of fishing, hunting or  
1595 trapping on that land and shall provide the secretary with written justification of the prohibition.

1596 SECTION 43. Notwithstanding any general or special law to the contrary, the state  
1597 treasurer, in consultation with the secretary of administration and finance, shall annually issue  
1598 guidance to state agencies describing the standards used to qualify certain general obligations of  
1599 the commonwealth as “green bonds.” Such standards shall be designed to enable investors to  
1600 invest directly in environmentally beneficial projects, and shall include, but shall not be limited  
1601 to, the following categories of projects: clean water and drinking water projects, including  
1602 watershed enhancement projects; energy efficiency and conservation projects in state buildings;  
1603 land acquisition, open space protection and environmental remediation projects; river  
1604 revitalization and preservation and habitat restoration projects; park and recreational facilities  
1605 projects; and public transit projects to preserve public transit assets and to expand public transit  
1606 capacity.

1607 Each state agency, as defined in section 1 of chapter 29, receiving funds under this act  
1608 shall report whether moneys borrowed and expended under this act may be classified as “green  
1609 bonds.” For purposes of this section, “green bonds” shall mean bonds issued under this act that  
1610 satisfy the standards promulgated by the state treasurer. Such report shall be delivered not later  
1611 than September 30 in any fiscal year in which the agency expends or intends to expend funds  
1612 made available under this act. This report shall be delivered to the state treasurer, the secretary  
1613 of administration and finance, the chairs of the house and senate committees on ways and means,  
1614 the chairs of the house and senate committees on bonding, capital expenditures and state assets  
1615 and the clerks of the house of representatives and the senate. An executive office may report on  
1616 behalf of any agency contained within that executive office.