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3 **CHAPTER 6**
4 **CONSERVATION ELEMENT**
5 **GOALS, OBJECTIVES, AND POLICIES**
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8 **GOAL STATEMENT: TO PROTECT, CONSERVE AND MANAGE THE NATURAL RESOURCES**
9 **WITHIN THE CITY OF LAKE HELEN IN A MANNER THAT WILL ENSURE THEIR**
10 **SURVIVABILITY AND VIABILITY WHILE ENHANCING THE QUALITY OF LIFE FOR THE**
11 **CITIZENS OF THE COMMUNITY.**
12

13 **OBJECTIVE VI-1. Protect Air Quality.** Protect air quality within the City of Lake Helen by
14 complying with or exceeding air standards established by the Florida Department of
15 Environmental Protection.
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17 **Policy VI.1.1. Coordinate with Volusia County and Neighboring Local Governments.** The City
18 of Lake Helen shall coordinate with Volusia County and other neighboring local governments
19 to assure that land use controls applicable to adjacent areas promote land uses which shall not
20 adversely impact air quality of the city.

21 **Policy VI.1.2. Promote Activities Conducive to Safe Air Quality.** . The City shall promote land
22 use activities that are conducive to maintaining existing air quality. The Land Development
23 Regulations define permitted and non-permitted uses within the commercial and industrial
24 land use designations.
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26 **Policy VI.1.3. Industrial Development.** The City’s Land Development Regulations shall require
27 compliance with any federal or state requirements for emissions and prohibit new industries
28 which might have adverse impacts on air quality.
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30 **Policy VI.1.4. Encourage Alternative Modes of Transportation.** In order to reduce vehicular
31 emissions, the City shall encourage programs that improve automotive traffic flow and shall
32 encourage the use/development of private/public mass transit, multiple ridership in
33 automobiles, telecommuting, and the development and safe use of bikeways, pedestrian and
34 equestrian paths.
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37 **OBJECTIVE VI-2. Surface and Groundwater.** The City, in coordination with federal, state,
38 regional, and local agencies, shall protect the quantity and quality of surface and groundwater
39 resources, recharge areas, and prevent excessive groundwater draw-down caused by
40 withdrawal for consumptive uses.

41 **Policy VI.2.1. Surface Water.** The City shall continue to support and assist Volusia County and
42 other appropriate agencies in programs for monitoring the quality of lakes within and adjacent

43 to the City.

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45 Policy VI.2.2. **Compliance with Water Management District Consumptive Use Permit.**

46 The City shall not exceed maximum allowable rates of water consumption issued by the St.
47 Johns River Water Management District for ground water withdrawal from municipal wells,
48 except where emergency situations arise due to fire prevention or a break in a water line.

49 Policy VI.2.3. **Wellfield Protection.** Land within two hundred feet (200') from a wellhead
50 associated with a public potable water supply shall be designated as the Primary Well Field
51 Protection Zone. Land within five hundred feet (500') of a Primary Well Field Protection Zone
52 shall be designated as the Secondary Well Field Protection Zone. The Land Development
53 Regulations include provisions regulating development within wellfield areas and establish
54 minimum setback distances from the well site in accordance with Federal guidelines.

55 Policy VI.2.4. **Water Supply Plans.** The City shall participate in the development of long-range
56 water conservation plans that are created as part of the water supply planning process of the
57 Water Management Districts. The City shall participate in working groups and advisory groups
58 on supply planning. The City shall facilitate input from stakeholder groups.

59

60 Policy VI.2.5. **Conserve Potable Water Supplies.** The City shall implement plans and procedures
61 to conserve its potable water supplies to the maximum extent practicable through the
62 implementation of water conservation techniques and programs. Such techniques, methods,
63 and programs may include, but are not limited to:

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- 65 • The City shall promote water conservation to its customers in accordance with the
66 water conservation plan submitted to and approved by the SJRWMD as part of the most
67 recent Consumptive Use Permit process. The City's water conservation plan shall
68 continue to meet the requirements of the SJRWMD at the time of CUP issuance and
69 may be adjusted as necessary to meet changing water use habits and patterns and
70 habits of customers;
- 71 • Requiring installation of water conserving plumbing fixtures in new and renovated
72 buildings that are, at minimum, consistent with the requirements of the federal, state,
73 regional, and local agencies;
- 74 • Encourage the installation of high efficiency water conservation plumbing fixtures in
75 new and renovated buildings that exceed the minimum requirements of the federal and
76 state requirements;
- 77 • Promoting water reuse and reclamation, where appropriate, for landscape, farm
78 irrigation, industrial use, and other appropriate applications;
- 79 • Continue to implement leak detection programs in order to discover and curtail
80 wasteful losses of potable water from public water supply and water delivery networks;
- 81 • Encouraging the implementation of water revenue mechanisms that encourage the
82 economical/conservational use of potable water supplies;
- 83 • The City shall require new development to use and/or preserve native or drought-
84 tolerate vegetation for landscaping to the greatest extent feasible, and

- 85 • Distribute available educational materials that describe sources of water consumption
86 and opportunities for conservation to the general public.

87

88 **Policy VI.2.6.Ensure Supply of Safe Potable Water.** The City shall review regulatory data and
89 information related to the supply of safe potable water to its residents. The City shall
90 coordinate and cooperate with federal, state and regional agencies including the Water
91 Management District.

92 **Policy V1.2.7. Emergency Water Shortage Plan.** The City shall cooperate with the St. Johns
93 River Water Management District in the enforcement of provisions of the Water Management
94 District’s emergency water shortage plans.

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96 **Policy V1.2.8. Identify Areas for Aquifer Protection.** The exact limits of the water recharge
97 areas shall be established in cooperation with Volusia County and the St Johns River Water
98 Management District.

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100 **Policy V1.2.9. Groundwater Recharge.** The City shall protect groundwater recharge areas
101 through land use strategies including, but not limited to, reduction of land use densities in
102 critical areas, mandatory open space, protection of pervious surface areas, drought-tolerant
103 landscaping, and the use of stormwater or other non-potable water sources for irrigation.

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105 **Policy V1.2.10. Florida Friendly Landscaping.** The City shall encourage the use and application
106 of Florida-Friendly Landscaping and Florida-Friendly Yard practices to improve water quality
107 and reduce the consumptive use of water. The City shall evaluate and adopt Florida-Friendly
108 Landscaping regulations that, at a minimum, set standards for the use of native and drought
109 tolerant species, removal of exotic plants, vegetative clearing and efficient irrigation to
110 maximize conservation of water resources.

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112 **Policy V1.2.11. Restrict landscape irrigation.** In order to conserve supplies of potable water,
113 the City shall limit the use of potable water for landscape irrigation and require the use of
114 Florida-Friendly Landscaping to the greatest extent practicable. High volume irrigation areas
115 shall not exceed 50 percent of the landscaped area. Low or medium volume irrigation areas
116 may be utilized in lieu of any high volume irrigated area.

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118 **Policy V1.2.12. Irrigation Rain Sensors or Soil Moisture Sensors.** The City shall require
119 irrigation rain sensors or soil moisture sensors with automatic cut-offs on all new irrigation
120 systems in accordance with Florida Standard Building Code and Water Management District
121 rules.

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123 **Policy V1.2.13. Springsheds and Conservation Measures.** Should any springs or springsheds be
124 identified within the City of Lake Helen or annexed into the City, the City shall adopt Land
125 Development Regulations and land use strategies, including but not limited to a reduction of

126 land use density and intensity with springsheds, to protect the water quality and discharge
127 volume from springs.

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129 **Policy V1.2.14. Regulate and Monitor Septic Tanks.** The City shall develop and implement
130 guidelines and standards in the Land Development Regulations to regulate the location and use
131 of septic tank systems in accordance with the Public Facilities Element. Septic tanks and drain
132 fields shall be located away from the most environmentally-sensitive portions of the site,
133 including wetlands, floodplains, and karst features. The City shall defer to the County Health
134 Department regulations for septic tanks. All new residential developments exceeding a density
135 of four units per acre shall be required to provide a central sanitary sewer system for that
136 development.

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139 **Policy V1.2.15. Preservation of Permeable Surface.** The Future Land Use Element and the
140 Future Land Use Map shall establish land use types and densities which are compatible to the
141 preservation of permeable ground surface areas. The Future Land Use Element shall include
142 open space requirements and impervious surface ratios for all land use categories.

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144 **Policy V1.2.16. Water Supply Facilities Plan.** The City of Lake Helen shall adopt a 10-year
145 Water Supply Plan which shall assess existing and projected water sources and needs. The plan
146 will identify traditional and alternative water supply sources, including water conservation
147 efforts. The plan shall also consider the Regional Water Supply Plan of the St. John's River
148 Water Management District.

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150 **Policy V1.2.17: Water Facilities Work Plan.** The City will maintain a water supply facilities work
151 plan for at least a 10 year planning period that is coordinated with SJRWMD's District Water
152 Supply Plan (DWSP) by updating the work plan and related comprehensive policies within 18
153 months of an update to the SJRWMD's District Water Supply Plan (DWSP) that affects the City.
154 The City will participate in the development of updates to SJRWMD's water supply assessment
155 and DWSP, and in other appropriate supply development-related initiatives facilitated by
156 SJRWMD that affect the City.

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158 **Policy V1.2.18. Shoreline Protection and Lakefront Littoral Zones.** To protect natural water
159 bodies and wetland areas from the encroachment of development, the City shall continue to
160 implement the following shoreline protection standards, incorporated within the Land
161 Development Regulations:

162
163 A minimum setback of 50 feet from the mean high water line except for water-dependent
164 development such as docks and pile-supported walkways as set forth in Rule 62-340. Should an
165 existing lot of record not be able to meet this requirement due to inadequate width and depth,
166 a variance may be requested.

167

168 There shall be no septic tanks within 75 feet of the landward extent of wetlands as set forth in
169 Rule 62-340.

170
171 The City shall require compliance with State regulations in Chapters 68F-20 and 18-20, F.A.C. or
172 their successors, regarding removal of shoreline vegetation. The City shall extend the provisions
173 of Chapter 68F-20, F.A.C. to all waters of the City. The extension of this policy shall be
174 implemented in a manner so as to not unreasonably infringe upon the common law or
175 statutory riparian rights of the upland riparian property owners.

176
177 The City shall prohibit the disposal of yard and other wastes along the shoreline and in
178 wetlands.

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180 **VI.2.1.19. Require Wetland Buffer Zones.** Upland buffers adjacent to wetlands provide habitat
181 for wetland dependent species. Buffer zones shall be provided landward of all wetlands as
182 outlined below.

183
184 A minimum 25-foot buffer requirement shall apply to **isolated wetlands** except where the
185 required buffer makes a lot unbuildable, in which case a variable buffer may be allowed as
186 described below:

187
188 Variable buffers shall have a minimum width of 15 feet and average width of 25 feet.

189
190 A minimum 50-foot buffer requirement shall apply to **non-isolated wetlands** except where the
191 required buffer makes a lot unbuildable, in which case a variable buffer may be allowed as
192 described below:

193
194 Variable buffers shall have a minimum width of 25 feet and average width of 50 feet.

195
196 A minimum 50-foot buffer requirement shall apply to **lakes** except where the required buffer
197 makes a lot unbuildable, in which case a variable buffer may be allowed as described below:

198
199 Variable buffers shall have a minimum width of 25 feet and average width of 50 feet.

200
201 Developments approved prior to December 31, 2015 with wetland buffers less than outlined
202 above shall be allowed to maintain the buffer width as prescribed in the approved ordinance of
203 development order and shall not be considered nonconforming. The term "Development" as
204 used in this subsection shall expressly include any type of variance, ordinance, average setback
205 determination, or waiver.

206
207 Uses allowed in buffers are limited to: passive recreation activities, limited stormwater facilities
208 and water dependent structures such as, but not limited to, fishing piers, docks, and walkways.

209

210 Buffers without native vegetation shall be re-vegetated with indigenous habitat to protect the
211 quality of the adjacent wetland system. A buffer of native upland edge vegetation shall be
212 provided or preserved on new development sites.

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214 To the extent that federal, state or regional requirements exceed the minimum buffers
215 adjacent to wetlands established here, the City shall require compliance with the stricter
216 standard.

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223 **OBJECTIVE VI-3. Floodplains.** The City shall protect the 100-year floodplain areas so that
224 natural hydrological functions are maintained to the greatest extent practical.

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226 **Policy VI.3.1. Permitted Use of Floodplains.** The 100-year floodplain as designated by FEMA,
227 the city or other federal, state, regional or local agencies may be utilized for development that
228 meets FEMA criteria, storage of floodwater, passive recreation, conservation, and water
229 dependent activities.

230 In the event that development is proposed within the 100 year floodplain the following shall
231 apply:

- 232
- 233 A. Compensating storage shall be required;
 - 234 B. The natural hydrological character and flow regime of surface waters shall be
235 maintained;
 - 236 C. Natural surface water flows, particularly sheet flows, shall be maintained;
 - 237 D. Surface water quality and quantity shall be maintained; and
 - 238 E. Finished Flood Elevations shall be raised twelve inches (12”) above the 100 year flood
239 elevation.

240
241 **Policy VI.3.2. Flood Information Updates.** The City shall cooperate with Federal Emergency
242 Management Agency (FEMA) and other appropriate agencies to keep flood information up to
243 date.

244 **Policy VI.3.3. Protect Floodplains.** The City shall include in its land development regulations
245 provisions for flood hazard reduction which accomplish the following:

- 246
- 247 A. Restrict uses that are dangerous to health, safety, and property, and minimize public
248 and private losses due to flood conditions;
- 249

- 250 B. Prohibit land filling and grade changes where such activity will cause erosion, inhibit
251 flood waters, or contribute to additional flood heights or increase flooding conditions of the
252 surrounding areas;
- 253 C. Require development to comply with the requirements and rules of the National Flood
254 Insurance Program and Florida Department of Health;
- 255 D. Require all subdivisions and site plans to maintain pre-development run-off character
256 tics, provide compensating storage, comply with wetland regulations, and dedicate post
257 development flood prone and wetland areas to the City, state agency or other appropriate
258 conservation entity as a conservation easement, as allowed by law.

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262 **OBJECTIVE VJ-4. Wetlands.** The City shall protect wetlands and the functions provided by
263 wetlands. The City shall continue to adopt regulations that protect and conserve wetlands,
264 including criteria for identifying the significance of wetlands.

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266 **Policy VI.4.1. Wetland Mapping.** The City of Lake Helen shall work with the St Johns River
267 Water Management District, federal, state and local agencies to maintain up to date aerial
268 photography and accurate wetlands maps. The actual extent of wetlands on a parcel of land
269 proposed for development shall be determined by a site specific delineation, based on State
270 approved methodology adopted by Rule, subject to confirmation by the City or appropriate
271 regulatory agencies.

272

273 **Policy VI.4.2. Minimize the Use and Impact to Wetlands.** Wetlands shall not be subject to any
274 activity which will destroy or degrade their function. Except for water dependent activities
275 there shall be no dredge or fill activities in wetlands. In those instances where dredge or fill
276 activities are authorized, the applicant must demonstrate that:

- 277
- 278 A. There is no other reasonable, practical or economical alternative,
279 B. Without the dredge or fill activity the property owner will be deprived of all
280 reasonable uses of the property, and;
281 C. The property owner can adequately mitigate for the dredge and fill activity.

282

283 **Policy VI.4.3. Require Conservation Easements.** The City shall require conservation easements
284 to an appropriate management agency as a tool for preserving floodplains, flood prone areas,
285 springsheds, wetlands and other ecologically significant communities to the extent allowed by
286 law.

287 **Policy VI.4.4. Wetland Dedication.** To the extent practicable and allowed by law, wetlands
288 within a project shall remain undeveloped and protected in perpetuity through the use of
289 conservation easement, or similar recorded and legally binding instrument (including plat
290 restrictions), that run with the land and establish conditions and restrictions on the use. The

291 easement shall be dedicated to one or a combination of the following, which shall be
292 designated prior to development:

- 293
- 294 ▪ Conservation agency such as Florida Department of Environmental Protection or St.
295 Johns River Water Management District;
 - 296 ▪ Non-profit conservation organization or land trust;
 - 297 ▪ Property Owner Association, subject to City approval; or
 - 298 ▪ City of Lake Helen, subject to City approval.
- 299

300 The easement shall require that wetlands and wetland buffers be maintained in perpetuity in
301 their natural state.

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303 **Policy VI.4.5. Wetland Survey and Delineation.** If any wetlands are present on a property
304 proposed for development, the City shall require that a wetland survey and delineation be
305 conducted according to State-approved methodology adopted by Rule and submitted to the
306 City as part of the development applications. The wetland survey and delineation is subject to
307 verification and approval by the agency exercising jurisdiction.

308

309 **Policy VI.4.6. Assign Future Land Use Designations.** The City shall assign Future Land Use
310 Designations contained within this Comprehensive Plan as appropriate to direct incompatible
311 uses such as higher densities and intensities of development away from wetlands. Special
312 planning techniques and overlay districts shall also be used to cluster development away from
313 wetlands.

314

315 **Policy VI.4.7. Wetland Requirements for Site Plans.** The City shall require site plans for all
316 proposed development, to include the following information pertaining to wetlands:

- 317 ▪ Identification of the location and extent of wetlands on the property to be developed.
318 Wetland delineations shall be determined by a qualified person acceptable to the City,
319 according to the State-approved methodology adopted by Rule, and which shall be
320 subject to field verification and approval by the agency exercising jurisdiction.
 - 321 ▪ Assurances that grading and drainage plans will maintain the normal flow regime and
322 quality of the historic hydroperiod to the maximum extent possible after development;
 - 323 ▪ Demonstration that development proposed on site shall be clustered away from
324 wetland areas;
 - 325 ▪ Appropriate use of upland buffers, consistent with the policies of this Comprehensive
326 Plan; and
 - 327 ▪ Provision for residential development credit applied to the upland portion of the site, at
328 a rate not to exceed one (1) dwelling unit per one (1) acre of wetland, if developed as a
329 Planned Development.
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331 **Policy VI.4.8. Wetland Best Management Practices.** The City shall encourage, and as
332 appropriate require, the use of Best Management Practices for wetlands based on the most

333 current available publications. All agricultural and silvicultural activities within wetlands shall
334 comply with applicable BMPs established by the appropriate state agencies including all criteria
335 and setbacks for wetland management zones.

336
337 **Policy VI.4.9. Surface and Groundwater Withdrawal Impacts on Wetlands.** The City of Lake
338 Helen shall coordinate with the water management districts to limit groundwater and surface
339 water withdrawals which may cause adverse impacts upon natural water bodies, wetlands, and
340 wetland-dependent ecosystems.

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343 **OBJECTIVE VI-5. Soil Conservation.** The City of Lake Helen shall support efforts and activities
344 that conserve soils..

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346 **Policy VI.5.1. Use of Septic Tanks.** Those land areas that contain soil characteristics which are
347 not conducive to the use of septic tanks and drainfields shall be restricted to developments
348 where it can be demonstrated by competent authority, meaning an engineer or a soil
349 scientist, that such development will not endanger the environment.

350
351 **Policy VI.5.2. Coordinate Land Use with Soil Data.** Density/intensity constraints shall be
352 imposed upon all land areas within the city until such time as a central wastewater collection,
353 transmission and treatment facility is available and in service to a given area.

354
355 **Policy VI.7.3. Support the Volusia Soil and Water Conservation District .** The City shall support
356 the Volusia Soil and Water Conservation District with its ongoing County-wide programs that
357 conserve water, prevent soil erosion, improve irrigation systems, and provide conservation
358 technical assistance and conservation education to the public and to landowners.

359
360 **Policy VI.5.4. Best Management Practices.** The City, in cooperation with the University of
361 Florida's Institute of Food and Agriculture Science (IFAS), the Florida Department of Agriculture
362 and Consumer Services, and other relevant agencies, shall require adherence to Best
363 Management Practices for agriculture and silviculture operations to prevent soil erosion, and to
364 protect the biological diversity and health of soils.

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366 **Policy VI.5.5. Erosion Control.** The City's Land Development Regulations require that
367 appropriate measures be taken during land clearing and building operations to assure that
368 exposed, destabilized or otherwise altered soil is expeditiously covered with an acceptable
369 erosion control material. Best Management Practices shall be followed during construction to
370 prevent soil erosion.

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372 **Policy VI.5.6. Regulation of Mining Activities.** As no significant deposits of valuable minerals
373 are present in the City of Lake Helen, no mining activities shall be permitted to occur within the
374 City's jurisdictional area.

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OBJECTIVE VI-6. Land. The City shall conserve, protect, and enhance the City’s habiat and wildlife, natural upland communities, wetlands and soils to ensure that these resources are preserved for the benefit of present and future generations.

Policy VI.6.1. Conserve areas of Ecological Significance. The City shall protect and conserve areas of ecological significance. The City shall continue to adopt regulations that protect and conserve areas. .

OBJECTIVE VI-7 Management of Hazardous Wastes to Protect Natural Resources. Manage the Use and Disposal of Hazardous Wastes to Protect Natural Resources and Public Health and Safety.

Policy VI.7.1. Hazardous Waste Management. The City shall coordinate with the Florida Department of Environmental Protection and the U.S. Environmental Protection Agency (EPA) in the monitoring and management of hazardous waste generators within the City. The City shall also notify these agencies to the presence of any disposed, buried or stored wastes or materials for which the volatility and chemical contents thereof are unknown.

Policy VI.7.2. Protect Natural Ecological Systems and Resources. The City shall continue to enforce the Land Development Regulations which incorporate development restrictions directed toward preserving natural ecological systems and resources.

Policy VI.7.3. Regulate Land Uses Generating Hazardous Waste. The City adopted provisions within the Land Development Regulations, which requires all new generators and/or users, involving the handling, generation, or storage of hazardous wastes to obtain all necessary permits from the Environmental Protection Agency (EPA), Florida Department of Environmental Protection (FDEP), and any other agency having regulatory jurisdiction over hazardous waste.

Policy VI.7.4. Disposal of Hazardous Wastes. The City of Lake Helen shall develop a coordinative effort with the franchised solid waste hauler to ensure that hazardous waste materials are being disposed of in the proper manner.

OBJECTIVE VI-8. Habitat and Wildlife Preservation. The City shall conserve habitat and wildlife populations in order to maintain the health of natural ecosystems and maintain biodiversity. In addition, the City shall cooperate with federal, state, and local agencies to protect and maintain viable habitat for species designated as endangered, threatened, or species of special concern.

416 Policy VI.8.1. **General Wildlife Habitat and Populations.** Wildlife in existing natural areas such
417 as surface waters and their perimeters, wetlands, floodplains, and native uplands shall be
418 conserved and enhanced by management techniques that encourage the improvement of
419 biological diversity and wildlife resources. The City of Lake Helen, through implementation of
420 this Plan and the Land Development Regulations, shall maintain species diversity and viable
421 populations of non-listed wildlife species through the provision of open space and public
422 conservation land.

423 Policy VI.8.2. **Native Vegetation, Habitat, and Wildlife within Development Projects.** The City
424 shall require that vegetative communities and wildlife habitats be protected from adverse
425 effects associated with development. The Land Development Regulations include provisions to
426 require that development preserve wetlands and portions of developable uplands containing
427 designated species or rare upland habitats.

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430 Policy VI.8.3. **Environmental Assessment of Habitat and Species.** Development in upland
431 wildlife habitats and areas with threatened and endangered species of plants and animals and
432 plant and animal species of special concern shall be as follows:

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435 A. For proposed non-residential development and residential development of more than
436 one single family dwelling of five (5) acres or more the City's land development regulations
437 require that the site be inspected by an ecologist, biologist or other similar professional for the
438 presence of state and federally protected plant and animal species. Criteria for site surveys
439 shall be specified in the City's land development regulations and are to be professionally
440 accepted techniques for such surveys. Site surveys shall address the size and distribution of the
441 native habitat, wildlife and listed species populations within a proposed development site, the
442 feasibility and viability of on-site protection through the retention of native habitat (canopy,
443 understory and groundcover) needed to accommodate the various wildlife species utilizing the
444 site (including protected plant and animal species) and a management program, whether the
445 proposed development sits includes a wildlife corridor and the feasibility of maintaining the
446 wildlife corridor. The survey shall also address the appropriateness of mitigation to an
447 acceptable off-site location in the event that on-site mitigation is shown to be ineffective.
448 Protection of any wildlife and protected plant and animal species found on the site and their
449 habitat will be required as part of the overall development plan submitted for development
450 approval. Development techniques such as clustering are to be used to ensure the protection
451 of the habitats.

452 B. During the land use planning and development review processes, the City shall evaluate
453 the effect of development on wildlife habitat and protect wildlife corridors from fragmentation.
454 To prevent fragmentation of wildlife corridors, the City shall require the preservation of wildlife
455 corridors within developments which connect to other protected wildlife habitats.

456

457 Policy VI.8.4. **Native Plant Species.** The City shall require the use of native plant species in the
458 landscaping of new development projects and additions to existing projects and require the
459 removal of exotic nuisance plants from the sites of new development.

460
461 Policy VI.8.5. **Educational Materials.** The City shall maintain and distribute a recommended
462 native plant listing and other educational materials to increase public awareness of the need to
463 utilize native plant species in the developed landscape and eliminate exotic nuisance plants
464 from existing developed areas.

465
466 Policy VI.8.5. **Specimen Trees.** The City shall require the conservation of specimen trees and
467 existing native vegetation in new development projects and retain these trees in existing
468 developments.

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470 Policy VI.8.6. **Public Property.** The City shall develop a program to plant and continue to retain
471 native trees in public rights-of-way and on other public lands, thereby adding to the City's
472 aesthetic appeal and providing habitat for wildlife.

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474 OBJECTIVE VI.9. **Historical and Archaeological Resources.** The City recognizes the importance and
475 value of protecting historical and archaeological resources.

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477 Policy VI.9.1. **Identify and Preserve Historical and Archaeological Resources.** The City shall
478 cooperate with state and federal agencies and local historical and archaeological groups to
479 identify and preserve historical and archaeological resources within the City. The Land
480 Development Regulations shall continue to take into consideration these sites and properties to
481 insure appropriate maintenance and preservation.

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483 Policy VI.9.2. **Prevent Destruction of Archaeological Resources.** Development shall cease
484 construction activities on a development site when unidentifiable artifacts are uncovered
485 during either land preparation or construction. The developer shall notify the City of such
486 potential discovery, and the City or the developer shall inform the Florida Department of State
487 of such discovery. Construction shall not begin until the state has determined the
488 archaeological significance of the discovery and restrictions that will be placed on development.
489 Development may continue in areas that will not impact the discovery site.

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