

Appendix H:

Alabama Nonpoint Source Management Program

Key Components of an Effective State Nonpoint Source Management Program

Section H.1 Overview

The U.S. Environmental Protection Agency (EPA) issued revised guidelines for the award of Clean Water Act Section 319 grants for the implementation of nonpoint source (NPS) management programs. The [Nonpoint Source Program and Grant Guidelines for States and Territories 2013](#) are requirements and will be implemented in fiscal year 2014 and in subsequent years. The new guidelines replace the [Nonpoint Source Program and Grants Guidelines for States and Territories](#) that have been in effect since the fiscal year 2004 grant cycle. The 2013 guidelines also emphasize the importance of states, as appropriate, to revise and update their NPS management programs every five years to ensure that Section 319 funds are targeted to the highest priority activities.

An updated, comprehensive NPS management program is critical to the states and EPA. It allows EPA and the states to ensure that Section 319 funding, technical support and other resources are directed in an effective and efficient manner and supports state efforts to address water quality issues on a watershed basis. The 2013 guidelines contain a description of 8 Key Components that characterize an effective NPS management program. The [Key Components of an Effective State Nonpoint Source Management Program - Appendix A](#) were developed by EPA and state lead NPS control agencies during the spring of 2012 to enhance Section 319 programmatic focus and direction, increase emphasis on watershed project implementation in watersheds with impaired waters, increase accountability measures, and provide appropriate flexibility.

The Alabama Department of Environmental Management and NPS program partners will incorporate the 8 Key Components during reviews and updates of the AL Nonpoint Source Management Program. [Table H.1](#) below presents an index of each of the 8 Key Components and their respective locations (Chapter/Section). The public and private sectors are welcome to assess each Component and provide input to ADEM that will help ensure implementation of an effective and successful nonpoint source and Section 319 grant management program.

Table H.1 Index of Key Components to Assess NPS Program Effectiveness

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| <p>COMPONENT 1: The program contains explicit short- and long-term goals, objectives, and strategies to restore and protect surface and ground water, as appropriate.</p> | <p>Chapter / Section</p> |
| <p><i>The state program includes long-term and shorter-term (e.g., three- to five- year) goals, objectives and milestones that are well integrated with other key environmental and natural resource programs. These goals, objectives will be periodically revised as necessary to reflect progress or problems encountered; strategies to make progress towards achieving the goals, and indicators to measure progress.</i></p> | |
| <ul style="list-style-type: none"> • NPS Programmatic Goals, Objectives, and Annual Milestones | <p>Chapter 8</p> |
| <p>COMPONENT 2: The program strengthens its working partnerships and linkages to appropriate state, interstate, tribal, regional, and local entities (including conservation districts), private sector groups, citizens groups, and federal agencies.</p> | <p>Chapter/ Section</p> |
| <p><i>The state uses a variety of formal and informal mechanisms to form and sustain partnerships:</i></p> | |
| <ul style="list-style-type: none"> • Federal and State Agency NPS Management Primacy, Authorities and Mechanisms | <p>Section 2.5 Table 2.5</p> |
| <ul style="list-style-type: none"> • Wetland Cooperative Projects | <p>Section 3.3</p> |
| <ul style="list-style-type: none"> • Groundwater Cooperative Projects | <p>Section 3.4</p> |
| <ul style="list-style-type: none"> • Coastal Cooperative Projects | <p>Section 3.5</p> |
| <ul style="list-style-type: none"> • ADEM Integrated Water Monitoring approach | <p>Section 4.3.2a</p> |
| <ul style="list-style-type: none"> • Links and leveraging of resources for wetland protection | <p>Section 4.5</p> |
| <ul style="list-style-type: none"> • Citizen Volunteer Monitoring | <p>Section 4.7</p> |
| <ul style="list-style-type: none"> • Fish Tissue Monitoring Program (cooperative agreement between ADEM, ADPH, ADCNR, and the TVA) | <p>Section 4.8</p> |
| <ul style="list-style-type: none"> • Coastal Zone Act Reauthorization Amendments (CZARA) and Section 319 support | <p>Section 4.8.b</p> |
| <ul style="list-style-type: none"> • Coastal Beach Monitoring (ADEM , ADPH) | <p>Section 4.8.c</p> |
| <ul style="list-style-type: none"> • Groundwater and Source (Drinking) Water Protection (NPS Program integration with the Drinking Water State Revolving Fund (DWSRF), the Clean Water State Revolving Fund (CWSRF), and Source Water Protection) | <p>Section 4.8.d</p> |
| <ul style="list-style-type: none"> • Integration with Other Ambient Monitoring and Assessment Programs | <p>Section 4.9</p> |
| <ul style="list-style-type: none"> • Integration of Federal, State and Local Community-based Programs and Partners | <p>Chapter 7</p> |
| <ul style="list-style-type: none"> • Federal and State-based NPS Management Partners and Approaches | <p>Table 7.1.A</p> |
| <ul style="list-style-type: none"> • Non-Regulatory-based / Voluntary Partners and Approaches | <p>Table 7.1.B</p> |
| <ul style="list-style-type: none"> • Memorandums between Alabama agencies, academic institutions, and other organizations | <p>Section 7.7 Appendix F.6 Table F.6</p> |
| <ul style="list-style-type: none"> • Strategies to Enhance Statewide NPS Education and Outreach | <p>Section I.2</p> |
| <p><i>The state works collaboratively with other key state and local NPS entities in the coordinated implementation of NPS control measures in high priority watersheds.</i></p> | |
| <ul style="list-style-type: none"> • ADEM Water Resource Site Conditions | <p>Section 3.2</p> |
| <ul style="list-style-type: none"> • Targeting and Prioritizing NPS Impaired Waters: Prioritizing Partners | <p>Section 3.3</p> |
| <ul style="list-style-type: none"> • National Water Quality Initiative | <p>Section 4.6 Section 7.4 Section G.7</p> |
| <ul style="list-style-type: none"> • Integration of Federal, State and Local Community-based Programs and Partners | <p>Chapter 7</p> |
| <ul style="list-style-type: none"> • EPA’s Healthy Watersheds Initiative and Protection of High Quality Waters | <p>Section 7.2 Table G.3.1</p> |
| <ul style="list-style-type: none"> • Programmatic Strategies to Achieve Goal 2 and Objective 2 | <p>Section 8.2.1</p> |
| <ul style="list-style-type: none"> • Long-term Objective 3.1: Continue to leverage public and private resources to implement BMPs to restore and protect watersheds and water quality and/or to protect human health from nonpoint sources of pollution. | <p>Section 8.3</p> |
| <ul style="list-style-type: none"> • Strategies to Achieve Goal 4 and Objectives 4: | <p>Section 8.4.1</p> |
| <ul style="list-style-type: none"> b) Continue to leverage Section 319 and other sources of NPS funding to cooperatively implement environmentally-protective and economically-sensible BMPs | |
| <ul style="list-style-type: none"> g) Work collaboratively with state and federal agencies, local watershed groups, and citizens to plan and implement NPS pollution management practices in high priority watersheds (e.g., S. 303(d) List) | |

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| h) Continue to plan, align, and integrate the AL NPS Management Program with relevant state and federal resources to practices to protect and restore state waters and achieve water quality standards | |
| • Relationship to Other Programs | Section 9.1 |
| • Eligible Section 319 Activities | Section 9.6 |
| • Processes for Assigning Priorities and Addressing Waters and Watersheds | Appendix G |
| • Factors Used By ADEM to Assign Restoration Priority to Impaired Waters and Watersheds | Table G.2 |
| • Scenarios Used by ADEM to Assign Priority to Unimpaired and High Quality Waters | Section G.3 |
| • EPA Region 4 and ADEM Priority Watershed Targeting Approach | Section G.6 |
| <i>The state seeks public involvement from local, regional, interstate, tribal and federal agencies, and public interest groups industries, academic institutions, private landowners and producers, concerned citizens, and others as appropriate, to comment on significant proposed program changes.</i> | |
| • Management Challenges: a) Overview | Section 5.2.a |
| • Adaptive Management Approach: c) Processes to Update Programmatic Goals and Watershed-based Management Plans | Section 6.6 |
| • Chapter 8: Goals, Objectives, Strategies and Milestones: b) Programmatic Goals, Objectives and Annual Milestones Defined (opportunities for public input and participation) c) Strategies and Action Items (Public invited to comment) | Chapter 8: b, c |
| • Strategies Geared Towards Watershed and Water Quality Protection and Restoration | Section 8.2.2 |
| • Annual Programmatic Goals and Objectives for Years 2014 – 2018 (Draft Format) | Section 8.6 |
| • Potential Measures and Indicators of Programmatic Progress and Success | Section 8.8 |
| • Program Assessment Indices | Section 9.4 |
| • Section 319 Grant Implementation Processes: a) Adaptive Management | Section 9.5 |
| • Strategies Directed At Section 319 Grant Project-level Awareness | Section I.3 |

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| COMPONENT 3: A combination of statewide programs and on-the-ground projects are implemented to achieve water quality benefits; efforts are well-integrated with other relevant state and federal programs. | Chapter / Section |
| <i>The state may achieve water quality results through a combination of watershed approaches and statewide programs, utilizing regulatory authorities, as appropriate.</i> | |
| • Federal and State Agency NPS Management Primacy, Authorities and Mechanisms | Table 2.5 |
| • Federal and State Agency NPS Management Primacy, Authorities and Mechanisms | Table 2.5 |
| • State of Alabama Continuing Planning Process | Section 4.1.A |
| • Targeting and Prioritizing NPS Impaired Waters | Section 4.3.1.1 |
| • CWA Section 319 Monitoring: a) Aligning NPS Programmatic Priorities | Section 4.3.2 |
| • Water Quality-Based Strategies Geared Towards Goal 1 | Section 8.1.2 |
| <i>The state NPS management program is well integrated with other relevant programs to restore and protect water quality, aligning priority setting processes and resources to increase efficiency and environmental results.</i> | |
| • ADEM Water Resource Site Conditions | Section 3.2 |
| • Wetlands | Section 3.3 Section 4.5 |
| • Groundwater | Sections 3.4 |
| • ADEM Coastal NPS Programs | Section 3.5 Section 7.5 |
| • CWA Section 303(d) Impaired Waters List and Total Maximum Daily Limits (TMDLs) | Section 4.3.1 |
| • Groundwater and Source (Drinking) Water Protection (NPS Program integration with the Drinking Water State Revolving Fund (DWSRF), the Clean Water State Revolving Fund (CWSRF), and Source Water Protection | Section 4.8.d |
| • 5-Year Rotational Monitoring and Assessment Approach | Section 4.4 |
| • National Water Quality Initiative | Section 4.6 Section 7.4 Section G.7 |
| • Federal Statutory Authorities Relevant to Consistency Review Table: • USDA conservation programs such as NRCS and FSA are well-integrated throughout the document. USDA-NRCS Federal agricultural and silvicultural interests are also represented on the State Technical Committee in Alabama and the Alabama Clean Water Partnership where water quality and quantity issues are discussed in a representative public and private sector forum. | Table 7.3.B |
| • Integration with Other Ambient Monitoring and Assessment Programs | Section 4.9 |
| • Watershed-based Management: Overview | Section 6.1 |

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| • Integration of Federal, State and Local Community-based Programs and Partners | Chapter 7 |
| • Federal and State-based NPS Management Partners and Approaches | Table 7.1.A |
| • NPS Programmatic Goals, Objectives, and Annual Milestones | Chapter 8 |
| • Relationship to Other Programs | Section 9.1.2 |
| • Eligible Section 319 Activities | Section 9.6 |
| • Memorandums of Agreements/Understanding between Alabama agencies, academic institutions, and other organizations | Table F.6 |
| • Processes for Assigning Priorities and Addressing Waters and Watersheds | Appendix G |

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| COMPONENT 4: The program describes how resources are allocated between: (a) Abating known water quality impairments from NPS pollution, and (b) Protecting threatened and high quality waters from significant threats caused by present and future NPS impacts. | Chapter / Section |
| • High Quality and Unimpaired Water Resources | Section 3.6 |
| • CWA Section 319 Monitoring : C) Section 319 Applicability | Section 4.3.2 |
| • Balancing Watershed Restoration and Protection | Section 6.5 |
| • Programmatic Strategies to Achieve Goal 2 and Objective 2 | Section 8.2.1 |
| • Programmatic Strategies to Achieve Goal 3 and Objective 3.x | Section 8.3.1 |
| • Strategies to Achieve Goal 4 and Objectives 4 | Section 8.4.1 |
| • Potential Measures and Indicators of NPS Programmatic Progress and Success: • III: Protection of High Quality Waters • VI: Nonpoint Source Education and Outreach: E) Targets pollution prevention as a NPS pollution management practice | Table 8.8 |
| • Programmatic and Project-Level Reporting: D) Water Quality Protection and Restoration Progress Reporting (Healthy Watersheds Initiative) | Section 9.2 |
| • Eligible Section 319 Activities | Section 9.6 |
| • Pollution Prevention (P2) | Section F.5 |
| • Scenarios Used by ADEM to Assign Priority to Unimpaired and High Quality Waters | Section G.3 |

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| COMPONENT 5: The program identifies waters and watersheds impaired by NPS pollution as well as priority unimpaired waters for protection. A process is established to assign priority and to progressively address identified watersheds by conducting more detailed watershed assessments, developing watershed-based plans and implementing the plans. | Chapter / Section |
| <i>The state identifies waters impaired by nonpoint source pollution based on currently available information (e.g., in reports under sections 305(b), 319(h), 303(d), 314(a), and 320), and revises its list periodically as more up-to-date assessment becomes available.</i> | |
| • Water Quality Criteria and Water Quality Standards | Section 4.2 |
| • CWA 305(b) Integrated Water Quality Assessment and Monitoring Report (IR) | Section 4.3 |
| • CWA Section 319 Monitoring | Section 4.3.2 (part C) |
| • Integrated Listing Methodology | Table 4.3 |
| • 5-Year Rotational Monitoring and Assessment Approach | Section 4.4 |
| <i>The state identifies the primary categories and subcategories causing water quality impairments, threats, risks across the state.</i> | |
| • CWA Section 303(d) Impaired Waters List and Total Maximum Daily Limits (TMDLs) | Section 4.3.1 |
| • Management Challenges: b) Nonpoint Pollution Causes and Sources | Section 5.2 |
| • Agriculture - Introduction | Appendix A1 |
| • Agriculture - Causes of Agricultural Nonpoint Source Pollution in Alabama | Appendix A2 |
| • Silviculture | Appendix B |
| • Urban and Construction | Appendix C |
| • Resource Extraction | Appendix D |
| • Hydrologic Modification | Appendix E |
| • Solid Waste and Litter Remediation Overview | Appendix F.4 |
| • Processes for Assigning Priorities and Addressing Waters and Watersheds Overview | Appendix G1 |
| • Factors Used by ADEM to Assign Section 319 Grant Funding Priorities to Impaired Waters | Appendix G2 |
| <i>At regular intervals, the state updates the identification of waters impaired or threatened by NPS pollution as part of a single comprehensive state water quality assessment which integrates reports required by the Clean Water Act.</i> | |
| • CWA 305(b) Integrated Water Quality Assessment and Monitoring Report (IR) | Section 4.3 |
| <i>The state establishes a process to assign priority and to address identified waters and watersheds by conducting more detailed</i> | |

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| <i>watershed assessments, developing watershed-based plans, and implementing the plans.</i> | |
| • Targeting and Prioritizing NPS Impaired Waters | Section 4.3.1.1 |
| • Integration with Other Ambient Monitoring and Assessment Programs | Section 4.9 |
| • Development and Implementation of Watershed-based Management Plans | Section 6.3 |
| • Summary of EPA's 9 Key Elements of a Watershed based Management Plan | Table 6.3 |
| • Section 319 Grant Implementation Processes | Section 9.5 |
| <i>The state links its prioritization and implementation strategy to other programs and efforts.</i> | |
| • State of Alabama Continuing Planning Process | Section 4.1.A |
| • Targeting and Prioritizing NPS Impaired Waters | Section 4.3.1.1 |
| • CWA Section 319 Monitoring – Part A | Section 4.3.2 |
| • Wetlands | Section 4.5 |
| • National Water Quality Initiative (NWQI) | Section 4.6 |
| • Citizen Volunteer Monitoring | Section 4.7 |
| • Human and Environmental Health Protection | Section 4.8 |
| • Integration with Other Ambient Monitoring and Assessment Programs | Section 4.9 |
| <i>The state considers wellhead protection areas, ground water recharge areas, and zones of significant ground water/surface water interaction, including drinking water sources.</i> | |
| • Nonpoint Source Program Water Quality Monitoring and Assessment Overview | Section 4.1 |
| • Groundwater and Source (Drinking) Water Protection | Section 4.8.d |
| • Clean Water State Revolving Fund (SRF) | Section 7.6 |
| • EPA Programs Relevant to NPS Pollution Management and Water Quality Restoration - Safe Drinking Water | Appendix G.8 |

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| COMPONENT 6: All program components required by section 319(b) of the Clean Water Act are implemented and strategic approaches and adaptive management to achieve and maintain water quality standards as expeditiously as practicable are established. Program components are reviewed and upgraded as appropriate. The program also includes a mix of regulatory, nonregulatory, financial and technical assistance, as needed. | Chapter / Section |
| 6.i An identification of measures (i.e., systems of practices) that will be used to control NPS pollution, focusing on those measures which the state believes will be most effective in achieving and maintaining water quality standards. | |
| • CWA Section 303(d) Impaired Waters List and Total Maximum Daily Limits (TMDLs) | Section 4.3.1 |
| • Best Management Practices Overview/EPA Resources | Section 5.3 Table 5.3 |
| • Strategies to Achieve Goal 4 and Objectives 4: E)... Enhance the corporate use of BMP manuals, practices, standards, guidelines, models, technical assistance, technology transfer, etc., to help meet the needs of the state NPS management program | Section 8.4.1 |
| • Programmatic Strategies to Achieve Goal 5 and Objective 5 (2014 - 2019): D) ... Update or create category-specific NPS brochures, maps, manuals, guidelines, handbooks, reports, news articles, standards, forms, public serve announcements, signs, posters, displays, models, etc. | Section 8.5.1 |
| • Nonpoint Source Pollution Measures for Agriculture | Appendix A |
| • Nonpoint Source Pollution Measures for Silviculture | Appendix B |
| • Nonpoint Source Pollution Measures for Urban and Construction | Appendix C |
| • Nonpoint Source Pollution Measures for Resource Extraction | Appendix D |
| • Nonpoint Source Pollution Measures for Hydrologic Modification | Appendix E |
| • Nonpoint Source Pollution Measures and Climate Change | Table F.2 |
| • Nonpoint Source Pollution Measures and Environmental Justice | Table F.3 |
| • Measures to Control Nonpoint Source Pollution from Solid Waste Threats | Table F.4 |
| • Pollution Prevention Strategies | Table F.5 |
| • Management of Household Septage Treatment and Disposal | Table F.6 |
| • EPA Programs Relevant to NPS Pollution Management and Water Quality Restoration | Section G.8 |
| • Strategies to Address Nonpoint Sources of Nutrients | Table G.4.A |
| • EPA Water Measures: Improve Water Quality on a Watershed Basis | Table G.9 |
| • Water Quality Protection and Restoration Framework | Section I.5, Table I.5 |

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| 6.ii An identification of the key programs to achieve implementation of the measures, including, as appropriate, nonregulatory or regulatory programs for enforcement, technical assistance, financial assistance, education, training, technology transfer, and demonstration projects. | Chapter / Section |
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| • Federal and State Agency NPS Management Primacy, Authorities and Mechanisms | Table 2.5 |
| • Wetland Programs | Section 3.3, 4.5 |
| • Groundwater and Drinking Water Programs | Section 3.4 |
| • Coastal Programs | Section 3.5 |
| • Programs Addressing High Quality and Unimpaired Water Resources | Section 3.6 |
| • Aligning NPS Programmatic Priorities | Section 4.3.2, a) |
| • Integration of Federal, State and Local Community-based Programs and Partners <ul style="list-style-type: none"> • Federal and State-based NPS Management Partners and Approaches • Non-Regulatory-based / Voluntary Partners and Approaches | Chapter 7 Table 7.1.A Table 7.1.B |
| • Key NPS Programs Targeting Agriculture | Appendix A |
| • Key NPS Programs Targeting Silviculture | Appendix B |
| • Key NPS Programs Targeting Urban and Construction | Appendix C |
| • Key NPS Programs Targeting Resource Extraction | Appendix D |
| • Key NPS Programs Targeting Hydrologic Modification | Appendix E |
| • Strategies to Enhance Statewide NPS Education and Outreach | Section 1.2 |
| • Strategies Directed At Section 319 Grant Project-level Awareness | Section 1.3 |
| • Education and Outreach Audiences and Action Items | Attachment I |
| 6.iii A description of the processes used to coordinate and, where appropriate, integrate the various programs used to implement NPS pollution controls in the state. | |
| • Wetlands | Section 3.3 |
| • Groundwater and Drinking Source Waters | Section 3.4 |
| • Coastal | Section 3.5 |
| • High Quality and Unimpaired Water Resources | Section 3.6 |
| • State of Alabama Continuing Planning Process | Section 4.1.A |
| • Watershed Management Overview | Section 6.1 |
| • Adaptive Management Approach | Section 6.6 |
| • Integration of Federal, State and Local Community-based Programs and Partners Overview | Section 7.1 |
| • Relationship to Other Programs | Section 9.1.2 |
| • Processes for Assigning Priorities and Addressing Waters and Watersheds | Appendix G |
| • Strategies to Enhance Statewide NPS Education and Outreach | Appendix I.2 |
| • Education and Outreach Audiences and Action Items | Attachment I |
| 6.iv A schedule with goals, objectives, and annual milestones for implementation at the earliest practicable date: legal authorities to implement the program; available resources; and institutional relationships. | |
| • Nonpoint Source Pollution Management Authorities | Chapter 2 |
| • Goals, Objectives, Strategies and Milestones | Chapter 8 |
| • Agriculture | Appendix A |
| • Silviculture | Appendix B |
| • Urban and Construction | Appendix C |
| • Resource Extraction | Appendix D |
| • Hydrologic Modification | Appendix E |
| 6.v Sources of funding from federal (other than section 319), state, local, and private sources. | |
| • Federal Partners and Programs Addressing Agricultural Sources of NPS Pollution | Appendix A, Section A.7 |
| • Federal Partners and Programs Addressing Silvicultural Sources of NPS Pollution | Appendix B |
| • Federal Partners and Programs Addressing Sources of NPS Pollution from Urban and Construction | Appendix C |
| • Federal Partners and Programs Addressing Sources of NPS Pollution from Resource Extraction | Appendix D |
| • Federal Partners and Programs Addressing Sources of NPS Pollution from Hydrologic Modification | Appendix E |
| 6.vi. Federal land management programs, development projects and financial assistance programs. | |
| • Federal and State-based NPS Management Partners and Approaches | Table 7.1.A |
| • Federal Consistency | Section 7.3 |
| • Strategies to Achieve Goal 4 and Objectives 4 <ul style="list-style-type: none"> • H) Continue to plan, align, and integrate the AL NPS Management Program with relevant state and federal resources and practices to protect and restore state waters and achieve water quality standards by leveraging the following programs... | Section 8.4.1 |
| • Relationship to Other Programs | Section 9.1.2 |

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| 6.vii A description of monitoring and other evaluation programs that the state will conduct to help determine short- and long-term NPS management program effectiveness. | |
| <ul style="list-style-type: none"> • Program Assessment Indices | Section 9.4 |
| <ul style="list-style-type: none"> • CWA Section 319 Monitoring | Section 4.3.2 |
| <ul style="list-style-type: none"> • 5-Year Rotational Monitoring and Assessment Approach | Section 4.4 |
| <ul style="list-style-type: none"> • Integration with Other Ambient Monitoring and Assessment Programs | Section 4.5 |
| <ul style="list-style-type: none"> • Collaboration of the AL Nonpoint Source and Section 319 Programs with EPA's Strategic Plan | Section G.9 |
| <ul style="list-style-type: none"> • Programmatic Watershed-based E&O Measures and Indicator Elements | Section I.4 |
| Additional baseline requirements... | |
| <ul style="list-style-type: none"> • National Water Quality Initiative | Section 4.6 Section 7.4 Section G.7 |
| <ul style="list-style-type: none"> • Coastal Zone Act Reauthorization Amendments (CZARA) and Section 319 support • Eligible Section 319 Activities : j) CZARA 6217 Set-Aside | Section 4.8.b Section 9.6 |
| <ul style="list-style-type: none"> • EPA's Healthy Watersheds Initiative and Protection of High Quality Waters | Section 7.2 Table G.3.1 |

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| COMPONENT 7: The state manages and implements its NPS management program efficiently and effectively, including necessary financial management. | Chapter / Section |
| <i>The state implements its program to solve its water quality problems as effectively and expeditiously as possible and makes satisfactory progress each year in meeting program goals.</i> | |
| <ul style="list-style-type: none"> • Goals, Objectives, Strategies and Milestones | Chapter 8 |
| <ul style="list-style-type: none"> • Section 319 Nonpoint Source Grant Program Overview | Section 9.1 |
| <ul style="list-style-type: none"> • Eligible Section 319 Activities | Section 9.6 |
| <i>The state employs appropriate programmatic and financial systems that ensure section 319 dollars are used effectively and consistent with its legal obligations, and generally manages all section 319 funds to maximize water quality benefits.</i> | |
| <ul style="list-style-type: none"> • Programmatic and Project-Level Reporting | Section 9.2 |
| <ul style="list-style-type: none"> • Grants Reporting and Tracking System (GRTS) | Section 9.3 |
| <ul style="list-style-type: none"> • Program Assessment Indices | Section 9.4 |
| <ul style="list-style-type: none"> • Relationship to Other Programs | Section 9.1.2 |
| <ul style="list-style-type: none"> • Section 319 Grant Implementation Processes: d) Accountability and Transparency | Section 9.5 |
| <ul style="list-style-type: none"> • Program Financial Oversight and Grant Cost Share: I) Program Financial Oversight and Grant Cost Share | Section 9.6 |

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| COMPONENT 8: The state reviews and evaluates its NPS management program using environmental and functional measures of success, and revises its NPS management program at least every five years. | Chapter / Section |
| <i>The state establishes measures of progress in meeting programmatic and water quality goals and objectives identified in key component #1 above. The state management program is reviewed every five years.</i> | |
| <ul style="list-style-type: none"> • Goal 4 and Objective 4.x <ul style="list-style-type: none"> • Long-term Objective 4: Continue to enhance programmatic efficiency and effectiveness by updating programmatic Goals and Objectives by September 30, 2013; and every 5 years thereafter. (Replicate at minimum, every 5 years) | Section 8.4 |
| <ul style="list-style-type: none"> • Annual Programmatic Goals and Objectives for Years 2014 – 2018 (Draft Format) | Section 8.6 |
| <ul style="list-style-type: none"> • Annual Programmatic Milestones for Fiscal Year 2014 – 2018 (Draft Format) | Section 8.7 |
| <ul style="list-style-type: none"> • Potential Measures and Indicators of Programmatic Progress and Success | Section 8.8, Table 8.8 |
| <ul style="list-style-type: none"> • Section 319 Grant Implementation Processes: c) Program Document Reviews and Revisions | Section 9.5 |
| <ul style="list-style-type: none"> • Eight Key Elements of an Effective State NPS Management Program | Appendix H |