

DRAFT WATER QUALITY IMPACT EVALUATION CHECKLIST

PART 1: PROJECT INFORMATION

Project Name:	SR 535 PD&E Study
County:	Osceola and Orange Counties
FM Number:	437174-2-22-01
Federal Aid Project No:	N/A
Brief Project Description:	Provide roadway improvements along 2.2 miles of SR 535.

PART 2: DETERMINATION OF WQIE SCOPE

Does project discharge to surface or groundwater? Yes No

Does project alter the drainage system? Yes No

Is the project located within a permitted MS4? Yes No
Name: Osceola County,
Orange County and Co Permittees

If the answers to the questions above are no, complete the applicable sections of Part 3 and 4, and then check Box A in Part 5.

PART 3: PROJECT BASIN AND RECEIVING WATER CHARACTERISTICS

Surface Water

Receiving water names: Shingle Creek

Water Management District: South Florida WMD

Environmental Look Around meeting date: ____/____/____ ELA was held in multiple meetings during general discussions with Osceola and Orange Counties
Attach meeting minutes/notes to the checklist.

Water Control District Name(s) (list all that apply): NA

Groundwater

Sole Source Aquifer (SSA)? Yes No Name Biscayne

If yes, complete Part 5, D and complete SSA Checklist from EPA website ([Figure 11-1](#))

Other Aquifer? Yes No Name _____

Springs vents? Yes No Name _____

Well head protection area? Yes No Name _____

Groundwater recharge? Yes No Name _____

Notify District Drainage Engineer if karst conditions are expected or if a higher level of treatment may be needed due to a project being located within a WBID verified as Impaired in accordance with Chapter 62-303, F.A.C.

Date of notification: [No karst conditions expected.](#)

PART 4: WATER QUALITY CRITERIA

List all WBIDs and all parameters for which a WBID has been verified impaired, or has a TMDL in **Table 1**. This information should be updated during each re-evaluation as required.

Note: If BMAP or RAP has been identified in **Table 1**, **Table 2** must also be completed. *Attach notes or minutes from all coordination meetings identified in **Table 2**.*

EST recommendations confirmed with agencies? Yes No

BMAP Stakeholders contacted? Yes No

TMDL program contacted? Yes No

RAP Stakeholders contacted? Yes No

Regional water quality projects identified in the ELA? Yes No

If yes, describe:

Potential direct effects associated with project construction and/or operation identified? Yes No

If yes, describe: [Increase in impermeable cover and erosion/sedimentation during construction](#)

Discuss any other relevant information related to water quality including Regulatory Agency Water Quality Requirements. [District Drainage Engineer was notified of higher level of treatment needed due to project location within Lake Okeechobee BMAP. SFWMD stated that nutrient loading calculations are not required for discharges to Shingle Creek due to the type of nutrient impairment \(macrophytes\), but net improvement for total phosphorus \(TP\) is required.](#)

PART 5: WQIE DOCUMENTATION

- A. No involvement with water quality
- B. No water quality regulatory requirements apply.
- C. Water quality regulatory requirements apply to this project (provide Evaluator's information below). Water quality and stormwater issues will be mitigated through compliance with the design requirements of authorized regulatory agencies.
- D. EPA Ground/Drinking Water Branch review required. Yes No
Concurrence received? Yes No
If Yes, Date of EPA Concurrence: [3/4/2024](#) (Attach the concurrence letter)

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022 and executed by the Federal Highway Administration and FDOT.

Evaluator Name (print): G. Robert Myers III	
Title: Environmental Manager, Metric Engineering	
Signature:	Date:

Table 1: Water Quality Criteria

Receiving Waterbody Name (list all that apply)	FDEP Group Number / Name	WBID(s) Numbers	Classification (I,II,III,IIIL,IV,V)	Special Designations*	NNC limits**	Verified Impaired (Y/N)	TMDL (Y/N)	Pollutants of concern	BMAP, RA Plan or SSAC
Shingle Creek	4	3169A	IIIF	MS4	Phosphorous- 0.12 mg/L	Y	N	Macrophytes	Lake Okeechobee BMAP
					Nitrogen- 1.54 mg/L				

* ONRW, OFW, Aquatic Preserve, Wild and Scenic River, Special Water, SWIM Area, Local Comp Plan, MS4 Area, Other

** Lakes, Spring vents, Streams, Estuaries

Note: If BMAP or RAP has been identified in Table 1, Table 2 must also be completed.

Table 2: Regulatory Agencies/Stakeholders Contacted

Receiving Water Name (list all that apply)	Agency's Contact and Title	Date Contacted	Follow-up Required (Y/N)	Comments
Shingle creek	South Florida Water Management District	11/16/2022	N	None
	Richard Lot, P.E., P.G. Section Leader, Engineering			
	rlott@sfwmd.gov			
	Patty Therrien, P.E. Lead Engineer			
	Ptherrie@sfwmd.gov			
	Florida Department of Environmental Protection	6/21/2019	N	None
	Chris Stahl, Clearinghouse Coordinator			
	State.Clearinghouse@floridadep.gov			
	US Environmental Protection Agency	6/24/2019	N	None
	Roshanna White, White.Roshanna@epa.gov			



Sole Source Aquifers for Drinking Water

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EPA Region 4 Sole Source Aquifer Project Review Form - Section B: Determination of Potential Project Impacts to the Sole Source Aquifer

Welcome to the Environmental Protection Agency (EPA) Region 4's Sole Source Aquifer (SSA) project review form. The EPA SSA Protection Program is authorized by section 1424(e) of the Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300 et. Seq., and 21 U.S.C. 349). Under the SSA Protection Program, EPA reviews proposed projects that will both: 1) be located within the SSA project review area and; 2) receive federal financial assistance. The review area may include the area overlying the SSA, its recharge zone, and source areas of streams that flow into the SSA's recharge zone. The EPA's review is intended to determine any possible contamination to the SSA from submitted projects. Your accurate submission of information will help us determine any possible contamination.

Please complete this form in its entirety and as well as the two-part submission process. Keep the email received at the end of submission process for your records. This email will serve as the official record of the decision and may be required by the federal agency funding your project. Thank you.

Date: March 4, 2024

Project Name: SR 535 PD&E Study

Sole Source Aquifer Name: Biscayne Aquifer (Florida)

Dear David Graeber:

The U.S. Environmental Protection Agency, Region 4, received your request to review the above referenced project to determine its effects on a Sole Source Aquifer (SSA). Pursuant to Section 1424(e) of the Safe Drinking Water Act (Public Law 93-523, 42 U.S.C. § 300 et. seq), no commitment for federal financial

assistance (through a grant, contract, loan guarantee, or otherwise) may be entered into for any project which the EPA determines may contaminate a SSA through a recharge zone so as to create a significant hazard to public health.

The project lies inside the designated boundaries of the SSA listed above, but based on the information provided, **is not expected to cause a significant impact to the Aquifer or its recharge zone.** However, please be advised that this letter is not a permit, whether for the injection of fluids under the SDWA or for any other activity, nor does it constitute a waiver, suspension, or modification of any applicable federal, state, or local laws. All applicable laws, regulations, permits, ordinances, planning designs, construction codes, operation, maintenance, and engineering requirements must therefore still be satisfied and complied with. In particular, EPA Region 4 highlights the following:

- All debris from the demolition of existing structures must be properly contained and removed from the project site prior to construction of any new structures.
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Thank you for your concern with the environmental impacts of this project. If you have any questions, please contact R4-SSA@epa.gov, Manuel E. López Sánchez at 404-562-8259 or Mr. Larry Cole at 404-562-9474.

Sincerely,

Sole Source Aquifer Team – EPA Region 4

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Contact Us <<https://epa.gov/dwssa/forms/contact-us-about-sole-source-aquifers-drinking-water>> to ask a question, provide feedback, or report a problem.

LAST UPDATED ON FEBRUARY 12, 2024



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Matthew Paek

From: Graeber, David <David.Graeber@dot.state.fl.us>
Sent: Tuesday, March 5, 2024 4:20 PM
To: Rob Myers; Northey, Edward
Cc: Carlos Rodriguez
Subject: FW: Webform submission from: EPA Region 4 Sole Source Aquifer Project Review Form - Section B: Determination of Potential Project Impacts to the Sole Source Aquifer

CAUTION: EXTERNAL EMAIL - DO NOT click links unless you recognize the sender and know it is safe.

Ed and Rob,

See email below. Let me know if this is our concurrence.

Ed, can you confirm this email will provide the necessary documentation for OEM?

Regards,

David Graeber
Aspireon Consulting Group, In-House Consultant for:
Florida Department of Transportation, District 5

Direct Line: 386-943-5392
Cell Phone: 407-506-4134

-----Original Message-----

From: US EPA <drupal_admin@epa.gov>
Sent: Monday, March 4, 2024 4:10 PM
To: R4_SSA@epa.gov
Cc: Graeber, David <David.Graeber@dot.state.fl.us>
Subject: Webform submission from: EPA Region 4 Sole Source Aquifer Project Review Form - Section B: Determination of Potential Project Impacts to the Sole Source Aquifer

EXTERNAL SENDER: Use caution with links and attachments.

Submitted on March 4, 2024 4:08 pm EST
Submitted by: Anonymous

Submitted values are:

Start

Contact Information

Name of Applicant: Florida Department of Transportation District 5 Contact Person: David Graeber Contact Email Address: David.Graeber@dot.state.fl.us Please enter the name of the project: SR 535 PD&E Study Enter the federal

agency and/or authority through which you are receiving the federal financial assistance. : Federal Highway Administration Please select the Sole Source Aquifer in which your project is located.: Biscayne Aquifer (Florida)

Section B:

1. Please provide a brief description of the project.:

The project involves roadway improvements along SR 535 from US 192 to north of SR 536 (Lake Bryan Beach Blvd), in Osceola and Orange Counties, Florida.

Starting Point at SR 535 and US 192 (28°19'59.27"N 81°28'46.70"W)

End Point at SR 535 north of SR 536 (28°21'41.56"N 81°30'2.08"W)

2. Is the project new construction, acquisition, or rehabilitation of residential housing that involves no more than four dwelling units? : No

3. Is the project construction of (or addition to) residential, commercial, industrial projects, public facilities or land developments that will be served by a municipally or publicly owned and operated sewage treatment plant which is operating within the capacity for which it was designed and is not subject to any local, state or federally imposed moratorium? : No

4. Is the project rehabilitation or modernization of a residential structure or of commercial, industrial, or publicly owned buildings that are served by a municipally or publicly owned sanitary sewer system operating in compliance with its authorized permits? : No

5. Is the project funding for public services, planning activities, technical assistance, training, or payment, repayment, or reimbursement of either loans or interest?: No

6. Is the project repairing and/or modernizing existing Public Water Supply infrastructure, except for the installation of new infrastructure? : No

7. Is the project repair or reconstruction of streets, sidewalks, or curbs? : Yes

8. Does the project involve domestic waste not connected to a public sanitary sewer system? : No

9. Does the project include the construction or rehabilitation of residential, commercial, or industrial projects, public facilities, or land developments whose sanitation facilities will consist of individual sewage disposal systems such as cesspools, septic tanks with leach fields or seepage areas, pit toilets, or privately-owned sewerage systems, including those owned by a homeowners' association? : No

10. Does the project include any project or activity for an existing or proposed facility that manufactures, stores, transports, spreads, or disposes of toxic, noxious, or hazardous chemicals, or radioactive materials, including pesticides, petroleum, and/or fertilizers? : No

11. Does the project include the acquisition, disposition, rehabilitation, or new construction of any facility or operation which disposes of its wastewater into dry wells or retention ponds, or through any method other than conveyance to a treatment plant? : No

12. Does the project include the acquisition, disposition, rehabilitation, or new construction of storm water drainage facilities modifications to existing wetlands, or modifications or new construction of shallow injection wells (i.e., dry wells, French drains, sumps, and drain fields)? : No

13. Does the project include the acquisition, disposition, rehabilitation or new construction of a site intended for or used as a landfill or other waste storage, transfer, disposal, or treatment facility? : No

14. Are there any deep pilings or foundations (e.g., greater than 10 feet below land surface) that will be installed, modified, or disturbed during the project?: No

15. Will any construction activity penetrate into the Sole Source Aquifer?: No

16. Does the project involve agricultural activities or related operations employed in the production, raising, processing, and/or marketing of crops or livestock? : No

17. Does the project involve storage or handling of hazardous or toxic materials or petroleum products, including, but not limited to, aboveground or underground storage tanks, and oil and gas pipelines (other than service lateral extensions for 4 or fewer residential units, or service lateral extensions where trenching and excavation is no deeper than 10 feet below ground surface)? : No

18. Is a National Environmental Policy Act (NEPA) Environmental Impact Statement (EIS) required for the project? : No

19. Has any federal, state, or local authority determined that the project could be a potential source of contamination to a SSA and/or a SSA's recharge zone? : No

20. Has a review conducted by a federal, state, or local authority, or a private entity, identified any potential environmental impacts related to this project? : No

Questions 9-20 answered

Date: March 4, 2024

Project Name: SR 535 PD&E Study

Sole Source Aquifer Name: Biscayne Aquifer (Florida)

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Sincerely,

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[1] <mailto:R4-SSA@epa.gov>

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Matthew Paek

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Ed and Rob,

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Ed, can you confirm this email will provide the necessary documentation for OEM?

Regards,

David Graeber
Aspireon Consulting Group, In-House Consultant for:
Florida Department of Transportation, District 5

Direct Line: 386-943-5392
Cell Phone: 407-506-4134

-----Original Message-----

From: US EPA <drupal_admin@epa.gov>
Sent: Monday, March 4, 2024 4:10 PM
To: R4_SSA@epa.gov
Cc: Graeber, David <David.Graeber@dot.state.fl.us>
Subject: Webform submission from: EPA Region 4 Sole Source Aquifer Project Review Form - Section B: Determination of Potential Project Impacts to the Sole Source Aquifer

EXTERNAL SENDER: Use caution with links and attachments.

Submitted on March 4, 2024 4:08 pm EST
Submitted by: Anonymous

Submitted values are:

Start

Contact Information

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9. Does the project include the construction or rehabilitation of residential, commercial, or industrial projects, public facilities, or land developments whose sanitation facilities will consist of individual sewage disposal systems such as cesspools, septic tanks with leach fields or seepage areas, pit toilets, or privately-owned sewerage systems, including those owned by a homeowners' association? : No

10. Does the project include any project or activity for an existing or proposed facility that manufactures, stores, transports, spreads, or disposes of toxic, noxious, or hazardous chemicals, or radioactive materials, including pesticides, petroleum, and/or fertilizers? : No

11. Does the project include the acquisition, disposition, rehabilitation, or new construction of any facility or operation which disposes of its wastewater into dry wells or retention ponds, or through any method other than conveyance to a treatment plant? : No

12. Does the project include the acquisition, disposition, rehabilitation, or new construction of storm water drainage facilities modifications to existing wetlands, or modifications or new construction of shallow injection wells (i.e., dry wells, French drains, sumps, and drain fields)? : No

13. Does the project include the acquisition, disposition, rehabilitation or new construction of a site intended for or used as a landfill or other waste storage, transfer, disposal, or treatment facility? : No

14. Are there any deep pilings or foundations (e.g., greater than 10 feet below land surface) that will be installed, modified, or disturbed during the project?: No

15. Will any construction activity penetrate into the Sole Source Aquifer?: No

16. Does the project involve agricultural activities or related operations employed in the production, raising, processing, and/or marketing of crops or livestock? : No

17. Does the project involve storage or handling of hazardous or toxic materials or petroleum products, including, but not limited to, aboveground or underground storage tanks, and oil and gas pipelines (other than service lateral extensions for 4 or fewer residential units, or service lateral extensions where trenching and excavation is no deeper than 10 feet below ground surface)? : No

18. Is a National Environmental Policy Act (NEPA) Environmental Impact Statement (EIS) required for the project? : No

19. Has any federal, state, or local authority determined that the project could be a potential source of contamination to a SSA and/or a SSA's recharge zone? : No

20. Has a review conducted by a federal, state, or local authority, or a private entity, identified any potential environmental impacts related to this project? : No

Questions 9-20 answered

Date: March 4, 2024

Project Name: SR 535 PD&E Study

Sole Source Aquifer Name: Biscayne Aquifer (Florida)

Dear David Graeber:

The U.S. Environmental Protection Agency, Region 4, received your request to review the above referenced project to determine its effects on a Sole Source Aquifer (SSA). Pursuant to Section 1424(e) of the Safe Drinking Water Act (Public Law 93-523, 42 U.S.C. § 300 et. seq), no commitment for federal financial assistance (through a grant, contract, loan guarantee, or otherwise) may be entered into for any project which the EPA determines may contaminate a SSA through a recharge zone so as to create a significant hazard to public health.

The project lies inside the designated boundaries of the SSA listed above, but based on the information provided, *is not expected to cause a significant impact to the Aquifer or its recharge zone. *However, please be advised that this letter is not a permit, whether for the injection of fluids under the SDWA or for any other activity, nor does it constitute a waiver, suspension, or modification of any applicable federal, state, or local laws.

All applicable laws, regulations, permits, ordinances, planning designs, construction codes, operation, maintenance, and engineering requirements must therefore still be satisfied and complied with. In particular, EPA Region 4 highlights the following:

- * All debris from the demolition of existing structures must be properly contained and removed from the project site prior to construction of any new structures.
- * All county flood plain management plans and public notification processes must be followed.
- * Any applicable contaminant mitigation recommendations outlined by federal and state agency reviews must be complied with.
- * All best management practices for erosion and sedimentation control must be followed.
- * State and local environmental offices must be contacted to address proper drainage and storm water designs, and to obtain a copy of any local Wellhead Protection Plans.

Please note that the determination that this project will not contaminate a SSA through a recharge zone so as to create a significant hazard to public health is based on the information you have provided to the EPA and that this determination has been made only in regard to the EPA's authority under Section 1424(e) of the Safe Drinking Water Act (Public Law 93-523 42 U.S.C.

§ 300 et. seq). This determination may no longer be valid if there are any changes to the project that would affect any of the information you have provided to the EPA, and you must notify the EPA Region 4 office as soon as you become aware of such changes.

Thank you for your concern with the environmental impacts of this project. If you have any questions, please contact R4-SSA@epa.gov [1], Manuel E. López Sánchez at 404-562-8259 or Mr. Larry Cole at 404-562-9474.

Sincerely,

Sole Source Aquifer Team – EPA Region 4

[1] <mailto:R4-SSA@epa.gov>

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Sole Source Aquifers for Drinking Water

CONTACT US <<https://epa.gov/dwssa/forms/contact-us-about-sole-source-aquifers-drinking-water>>

EPA Region 4 Sole Source Aquifer Project Review Form - Section B: Determination of Potential Project Impacts to the Sole Source Aquifer

Welcome to the Environmental Protection Agency (EPA) Region 4's Sole Source Aquifer (SSA) project review form. The EPA SSA Protection Program is authorized by section 1424(e) of the Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300 et. Seq., and 21 U.S.C. 349). Under the SSA Protection Program, EPA reviews proposed projects that will both: 1) be located within the SSA project review area and; 2) receive federal financial assistance. The review area may include the area overlying the SSA, its recharge zone, and source areas of streams that flow into the SSA's recharge zone. The EPA's review is intended to determine any possible contamination to the SSA from submitted projects. Your accurate submission of information will help us determine any possible contamination.

Please complete this form in its entirety and as well as the two-part submission process. Keep the email received at the end of submission process for your records. This email will serve as the official record of the decision and may be required by the federal agency funding your project. Thank you.

Section B: Determination of Potential Project Impacts to the Sole Source Aquifer

By providing the information below, I certify under penalty of law that this questionnaire was completed under my direction or supervision and the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

Please contact the EPA Region 4 Sole Source Aquifer team at R4_SSA@epa.gov if you encounter problems with this form or have any questions.

Contact Information

Name of Applicant * (required)

Florida Department of Transportation District 5

Please enter the name of the applicant requesting a Sole Source Aquifer (SSA) Review.

Contact Person * (required)

David Graeber

Contact Email Address * (required)

David.Graeber@dot.state.fl.us

Please enter the name of the project * (required)

SR 535 PD&E Study

Enter the federal agency and/or authority through which you are receiving the federal financial assistance. * (required)

Federal Highway Administration

Please select the Sole Source Aquifer in which your project is located. * (required)

Use the Interactive map of SSAs to verify [\[?\]](#). (Please note projects located entirely outside of a SSA area or a SSA's recharge zone do not require a SSA review by USEPA. The link for the map will open in a new window or tab - depending on your browser.).

- Volusia-Floridan Aquifer (Florida)
- Biscayne Aquifer (Florida)
- Southern Hills Regional Aquifer System (Mississippi)

Section B:

The following questions will help the EPA determine whether an in-depth SSA review by is required. Please select YES or NO for each of the below questions:

1. Please provide a brief description of the project. * (required)

US 192 to north of SR 536 (Lake Bryan Beach Blvd), in Osceola and Orange Counties, Florida.

Starting Point at SR 535 and US 192 (28°19'59.27"N 81°28'46.70"W)

End Point at SR 535 north of SR 536 (28°21'41.56"N 81°30'2.08"W)

2. Is the project new construction, acquisition, or rehabilitation of residential housing that involves no more than four dwelling units? * (required)

Yes

No

3. Is the project construction of (or addition to) residential, commercial, industrial projects, public facilities or land developments that will be served by a municipally or publicly owned and operated sewage treatment plant which is operating within the capacity for which it was designed and is not subject to any local, state or federally imposed moratorium? * (required)

If the project is not a new construction, answer "No". If the project is a new construction, and if a municipally or publicly owned and operated sewage treatment plant will be serving the project and it has capacity to handle the additional sewage and waste generated by the proposed development then answer "Yes". Else, answer "No". If there is a moratorium on the sewage treatment plant then the question should be answered "No". Please contact R4_SSA@epa.gov in that scenario. The applicant should contact the sewage treatment plant and get confirmation prior to answering this question. An official statement may be required from the treatment plant if the project is selected for a review.

Yes

No

4. Is the project rehabilitation or modernization of a residential structure or of commercial, industrial, or publicly owned buildings that are served by a municipally or publicly owned sanitary sewer system operating in compliance with its authorized permits? * (required)

If the project is a new construction answer No. If the project involves rehabilitation or modernization of an existing structure, then answer yes or no whether it is currently being served by a municipally or publicly owned sanitary sewer system operating in compliance with its authorized permit(s).

Yes

No

5. Is the project funding for public services, planning activities, technical assistance, training, or payment, repayment, or reimbursement of either loans or interest? * (required)

Yes

No

6. Is the project repairing and/or modernizing existing Public Water Supply infrastructure, except for the installation of new infrastructure? * (required)

Yes

No

7. Is the project repair or reconstruction of streets, sidewalks, or curbs? * (required)

Yes

No

8. Does the project involve domestic waste not connected to a public sanitary sewer system? * (required)

Yes

No

9. Does the project include the construction or rehabilitation of residential, commercial, or industrial projects, public facilities, or land developments whose sanitation facilities will consist of individual sewage disposal systems such as cesspools, septic tanks with leach fields or seepage areas, pit toilets, or privately-owned sewerage systems, including those owned by a homeowners' association? * (required)

Yes

No

10. Does the project include any project or activity for an existing or proposed facility that manufactures, stores, transports, spreads, or disposes of toxic, noxious, or hazardous chemicals, or radioactive materials, including pesticides, petroleum, and/or fertilizers? * (required)

Yes

No

11. Does the project include the acquisition, disposition, rehabilitation, or new construction of any facility or operation which disposes of its wastewater into dry wells or retention ponds, or through any method other than conveyance to a treatment plant? * (required)

Yes

No

12. Does the project include the acquisition, disposition, rehabilitation, or new construction of storm water drainage facilities modifications to existing wetlands, or modifications or new construction of shallow injection wells (i.e., dry wells, French drains, sumps, and drain fields)? * (required)

Yes

No

13. Does the project include the acquisition, disposition, rehabilitation or new construction of a site intended for or used as a landfill or other waste storage, transfer, disposal, or treatment facility? * (required)

Yes

No

14. Are there any deep pilings or foundations (e.g., greater than 10 feet below land surface) that will be installed, modified, or disturbed during the project? * (required)

Yes

No

15. Will any construction activity penetrate into the Sole Source Aquifer? * (required)

Yes

No

16. Does the project involve agricultural activities or related operations employed in the production, raising, processing, and/or marketing of crops or livestock? * (required)

Yes

No

17. Does the project involve storage or handling of hazardous or toxic materials or petroleum products, including, but not limited to, aboveground or underground storage tanks, and oil and gas pipelines (other than service lateral extensions for 4 or fewer residential units, or service lateral extensions where trenching and excavation is no deeper than 10 feet below ground surface)? * (required)

Yes

No

18. Is a National Environmental Policy Act (NEPA) Environmental Impact Statement (EIS) required for the project? * (required)

<https://www.epa.gov/nepa>

Yes

No

19. Has any federal, state, or local authority determined that the project could be a potential source of contamination to a SSA and/or a SSA's recharge zone? * (required)

Yes

No

20. Has a review conducted by a federal, state, or local authority, or a private entity, identified any potential environmental impacts related to this project? * (required)

Yes

No

Next Page >

[SSA Home <https://www.epa.gov/dwssa>](https://www.epa.gov/dwssa)

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[Guidance on SSA Designation <https://www.epa.gov/dwssa/guidance-petitioning-sole-source-aquifer-ssa-designation>](https://www.epa.gov/dwssa/guidance-petitioning-sole-source-aquifer-ssa-designation)

[SSA Project Review <https://www.epa.gov/dwssa/sole-source-aquifer-project-review#coord>](https://www.epa.gov/dwssa/sole-source-aquifer-project-review#coord)

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