

From: [Vinson, Scott](#)
To: [Chris Babb](#)
Subject: RE: [External] RDU EA Agency Scoping Presentation
Date: Monday, August 23, 2021 9:25:38 AM
Attachments: [image001.png](#)

Chris,

As the presentation only discussed impacts to streams, wetlands and buffers in a general term and the field site assessments by your consultants were still under way at the time of the meeting, the Raleigh Regional Office's DWR has no other comments at this time other than to please to avoid and minimize any impacts to surface waters, streams, wetlands and riparian buffers to the maximum extent possible when finalizing the development plans. Thanks & take care,
 Scott

Scott Vinson
Regional Supervisor
 Raleigh Regional Office
 Water Quality Regional Operations Section
 NCDEQ – Division of Water Resources

3800 Barrett Drive
 Raleigh, NC 27609

(919) 791-4200 office
 (919) 791-4252 direct line

Email: Scott.Vinson@ncdenr.gov



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From: Chris Babb <Chris.Babb@landrumbrown.com>
Sent: Monday, August 23, 2021 8:11 AM
To: Kajumba.Ntale@epa.gov; Thornton.Hilary@epa.gov; jean.b.gibby@usace.army.mil; George.L.Phillips@usace.army.mil; Ellis, John <john_ellis@fws.gov>; Gledhill-earley, Renee <renee.gledhill-earley@ncdcr.gov>; Vinson, Scott <scott.vinson@ncdenr.gov>; Lee, David <david.lee@ncdenr.gov>; Wainwright, David <david.wainwright@ncdenr.gov>; Hardison, Lyn <lyn.hardison@ncdenr.gov>; Fullwood, John <john.fullwood@ncparks.gov>; Strong, Brian <brian.strong@ncparks.gov>; Blanchard, Jon D <jon.blanchard@ncparks.gov>; Garrison, Gabriela <gabriela.garrison@ncwildlife.org>; State Clearinghouse <State.Clearinghouse@doa.nc.gov>; Meyer, Todd <tmeyer@ncdot.gov>; Dieter.Lucien@epa.gov; Denton, Bill <bill.denton@ncdenr.gov>; Somerville.Amanetta@epa.gov
Cc: Aaron Braswell <aaron.braswell@faa.gov>; Sandifer, Bill <bill.sandifer@rdu.com>; Perry, Kenneth <kenneth.perry@rdu.com>; Jackie Sweatt-Essick <jackie.Sweatt-Essick@FAA.gov>; Rob Adams <Rob.Adams@landrumbrown.com>; Stair, Rachel <rachel.stair@rdu.com>; Griffith, Mary <Mary.Griffith@rdu.com>; Danison, Gina <Gina.Danison@rdu.com>; RDUEA

<rdu@a@landrumbrown.com>; 5L23REnvoAssessment <5L23REnvoAssessment@rdu.com>; Cayton, Ellis <Ellis.Cayton@rdu.com>

Subject: [External] RDU EA Agency Scoping Presentation

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Hello,

Thank you again for your participation for the agency scoping meeting on August 4, 2021 for the Raleigh-Durham International Airport Environmental Assessment. This is just a reminder that FAA and the Raleigh-Durham Airport Authority is requesting your comments back on the scoping material by September 3.

Thanks,

Chris Babb

Senior Managing Consultant

Landrum & Brown

Global Aviation Planning & Development

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NC DEPARTMENT OF
NATURAL AND CULTURAL RESOURCES

Roy Cooper, **Governor**
D. Reid Wilson, **Secretary**

August 23, 2021

Chris Babb
Senior Managing Consultant
Landrum & Brown
4445 Lake Forest Dr, Suite 700
Cincinnati, OH 45242

RE: RDU EA Agency Scoping Response - Runway 5L/23R Replacement

Mr. Babb,

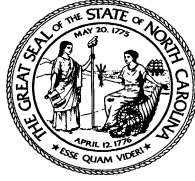
This letter is in response to the August 4, 2021 agency scoping meeting regarding the proposed replacement of Runway 5L/23R at RDU International Airport. The NC Division of Parks & Recreation approves of the changes to the Environmental Assessment that remove any borrow sites and construction activities from the vicinity of William B. Umstead State Park. Therefore, our original objections and concerns regarding the proposed runway replacement project have been resolved.

Please feel free to contact me if you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Christine Farrell".

Christine Farrell
Environmental Review Coordinator
North Carolina Division of Parks and Recreation
(919) 707-8188
christine.farrell@ncparks.gov



**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Roy Cooper

Secretary D. Reid Wilson

August 26, 2021

Chris Babb
Landrum & Brown
4445 Lake Forest Drive Suite 700
Cincinnati, OH 45242

chris.babb@landrumbrown.com

RE: Reconstruct Runway 5L/23R, Raleigh-Durham International Airport (RDU),
Wake County, ER 20-2333

Dear Ms. Babb:

We are pleased to comment on the EA Scoping materials provided by the FAA and RDU Airport Authority and agree that the use of an Environmental Assessment is the correct level of compliance with the National Environmental Policy Act and Section 106.

In terms of above ground historic resources, we are encouraged that the revised alternatives are likely to not affect W. B. Umstead Park, which in large part contains the Crabtree Creek Recreational Demonstration Area (WA0721) National Register property.

As for archaeological resources, we note that our earlier recommendation for surveys of the potential borrow areas remain in place.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579 or environmental.review@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.



**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Governor Roy Cooper

Ramona M. Bartos, Administrator

Secretary D. Reid Wilson

Sincerely,

Ramona Bartos

for Ramona Bartos, Deputy
State Historic Preservation Officer

cc: Aaron Braswell, FAA

aaron.braswell@faa.gov

From: [White, Douglas](#)
To: [RDUEA](#)
Cc: [Kajumba, Ntale](#); [Somerville, Amanetta](#)
Subject: RDU Runway Replacement EPA Scoping Comments
Date: Thursday, September 2, 2021 12:08:03 PM

Re: EPA Comments on the Notice of Intent to Prepare an Environmental Assessment for the Replacement of Runway 5L/23R at Raleigh-Durham International Airport, North Carolina

Dear Mr. Babb:

The U. S. Environmental Protection Agency (EPA) received the referenced document and has reviewed the subject proposal in accordance with Section 309 of the Clean Air Act and Section 102(2)(C) of the National Environmental Policy Act (NEPA). The EPA understands that Raleigh-Durham Airport Authority (RDU Authority) is conducting an Environmental Assessment (EA) for the proposed replacement and related improvements of Runway 5L/23R.

Under the Proposed Action Alternative, RDU Authority would relocate Runway 5L/23R 537 ft to the west of its current location and maintain the runway's existing dimensions of 10,000 ft x 150 ft. The existing runway would be converted to a taxiway, and navigational aids and lighting would be moved to the new runway. Lumley and Perimeter Roads would be moved to accommodate the new runway. Additional requirements would include construction of ancillary stormwater drainage structures and graded surfaces, and the transport of up to 5 million cubic yards of fill soil. The purpose of this EA is for RDU Authority to evaluate the impacts of this Proposed Action.

Upon review of the scoping documents, the EPA notes that the improvements considered are consistent with the current land use of this facility. It appears that this project will not have a significant impact on human health and the environment. The EPA has the following comments:

Alternatives Considered and Cumulative Impacts: Alternatives to the Proposed Action Alternative should be developed and analysis of these alternatives included in the Draft and Final EA and Finding of No Significant Impact (FONSI). The EPA understands that the primary purpose of relocating Runway 5L/23R is to allow uninterrupted use of the existing runway during construction. The EPA recommends that alternatives analyze plans that might also allow for continuous or near-continuous airport operations while minimizing transportation requirements of fill materials, including expansion of Runway 5R/23L and rapid construction techniques. Analysis should consider reasonably foreseeable future actions at RDU, including expansions.

Air Quality: The Proposed Action is located in Wake County, North Carolina which is currently in Maintenance Status with the National Ambient Air Quality Standards for 1-Hour Ozone. The EPA recommends analyzing the Proposed Action using tools such as the Air Conformity Applicability Model to verify that construction and operation in support of the Proposed Action will not produce emissions above de minimis levels. The EPA recommends controlling fugitive dust emissions and implementing measures to reduce diesel emissions, such as switching to cleaner fuels, retrofitting current equipment with emission reduction technologies, repowering older engines with cleaner engines, replacing older vehicles, inspecting and maintaining fuel tanks in accordance with

regulations, and reducing idling through operator training and contracting policies.

Hazardous Materials and Containment: The Ward Transformer Superfund site is partially located on RDU Authority property that will potentially be used to source fill material in support of the Proposed Action. Coordination with the EPA's Superfund division should be made to ensure that contaminated soils are not transported to uncontaminated areas and that future remediation efforts are not negatively affected by the Proposed Action. Construction and operation in support of the Proposed Action should ensure that Resource Conservation and Recovery Act solid wastes are disposed of in accordance with federal regulations. The EPA recommends the use of secondary containment for storage and handling of Petroleum, Oils, and Lubricants (POL) to protect surface waters of Wake County and as required by the Clean Water Act. Where secondary containment is not directly practicable, spill ponds and oil water separators should be constructed downstream of POL related activities.

Wetlands and Streams: Areas to be permanently altered by the Proposed Action are situated in an industrially developed area with interspersed creeks, wetlands, and the Briar Creek Reservoir. Temporary disturbances will be made to the forested soil borrow areas to the west of the runway. The EPA recommends that design proposals and construction avoid impacting Waters of the United States (WOTUS) to the maximum extent practicable by locating permanent infrastructure and temporary construction measures away from WOTUS and respective buffers. WOTUS should be delineated and coordination with the US Army Corps of Engineers should be made where proposed activities might enter or affect WOTUS. Mitigation may be required where impacts to WOTUS cannot be avoided. Flood zone and flood inundation maps should be used to help ensure proposed activities do not take place in floodplains except where alternatives are not practicable.

Water Quality: The Proposed Action would disturb a considerable amount of soil. A construction stormwater permit will be required before construction can begin. Best management practices (BMP) should be implemented to mitigate impacts before and during construction. Scoping plans indicate that up to 120-Acres of impervious surfaces may be constructed. Construction of rainwater runoff control structures designed to leave existing stormwater runoff profiles of the area unchanged may be required to mitigate the impacts of land development and establishment of impervious surfaces, in accordance with Section 438 of the Energy Independence and Security Act of 2007.

Biological Resources: The EPA principally defers to the US Fish and Wildlife Service (FWS) regarding compliance with the Endangered Species Act and recommends early coordination with the FWS. The EPA recommends that any additional conservation measures identified by the FWS during consultation be included in the Draft and Final EA and FONSI. The EPA understands that Runway Safe Area (RSA) requirements associated with the Proposed Action and relocation of roads may necessitate the permanent removal of forest located west of the runway. Additional forest removal may be required to remove fill materials from the borrow area. Forest planting and stream protection and renewal should take place in areas of temporary disturbance. The EPA defers to the US Federal Aviation Administration regarding RSA requirements and recommends the maximum conservation of natural resources, where allowed by law and safety requirements.

Environmental Justice: The EPA understands that the Proposed Action will not increase existing air or land traffic at RDU. Consistent with Executive Order 12898, Federal Actions to Address Environmental Justice (EJ) in Minority Populations and Low-Income Populations (<https://www.epa.gov/laws-regulations/summary-executive-order-12898-federal-actionsaddress-environmental-justice>), please ensure protected populations are not disproportionately or adversely impacted by the project. We also promote compliance with Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, if applicable. Please include the EJSCREEN tool (<https://www.epa.gov/ejscreen>) as part of the NEPA analysis process. EJSCREEN combines environmental and demographic data to help determine EJ concerns that are integral to the NEPA process. Based on the EPA's preliminary review of scoping documents and EJSCREEN, there appear to be substantive minority populations near the Proposed Action.

Noise Impacts: The NEPA document should identify possible changes to aviation traffic patterns due to the Proposed Action and evaluate noise impacts associated with the relocation of the runway.

Energy Efficiency and Recycling: Efforts should be made to divert any recyclable materials such as concrete, steel, and asphalt away from landfills and repurpose materials instead. The EPA recommends the use of sustainable building practices that maximize energy and water conservation, and the use of renewable energy including solar power for supplemental electricity and lighting for the taxiway, parking lots, or buildings that may be constructed. Please consult appropriate federal agencies (<https://www.energy.gov/eere/femp/sustainable-federal-buildings>) for energy conservation requirements.

Thank you for the opportunity to provide comments on RDU Authority's proposed runway relocation. For effective coordination, please provide this office with an electronic version of the draft EA for further review and keep the local community informed and involved throughout the project process. If you have any questions, feel free to contact me at the information provided in my email.

V/R

Douglas White

U.S. Environmental Protection Agency

Region 4 Strategic Programs Office, NEPA Section

61 Forsyth Street, SW

Atlanta, GA 30303-8960

Office: 404-562-8586

white.douglas@epa.gov

From: [Phillips, George L CIV USARMY CESAW \(USA\)](#)
To: [RDUEA](#)
Cc: [Gibby, Jean B CIV USARMY CESAW \(USA\)](#)
Subject: Runway 5L/23R Replacement Project Environmental Assessment
Date: Friday, September 3, 2021 3:54:54 PM

The following comments are provided in response to the Runway 5L/23R Replacement project environmental assessment agency virtual scoping presentation held on August 4, 2021.

As presented on August 4, 2021, the alternatives to be considered include:

- No action (no changes from the existing conditions – must be evaluated as a requirement of NEPA);
 - Various other development alternatives on airport property to replace the primary runway.
1. In addition to considering various development alternatives on airport property the Corps believes that offsite alternatives should also be considered;
 2. As presented on August 4, 2021, the proposed project does not include construction activities near the William B. Umstead State Park. As a point of clarification, the Corps also believes evaluation of alternatives that would include activities near the William B. Umstead State Park should be performed. For example, the consideration of extending Runway 5R/23L and the extension of Runway 14/32 are potential alternatives that could be evaluated.

Thank you for the opportunity to comment on the Runway 5L/23R Replacement project.

If you have any questions or concerns please reach out to Lyle Phillips at George.L.Phillips@usace.army.mil

Lyle Phillips
Regulatory Specialist
US Army Corps of Engineers
CE-SAW-RG-R
3331 Heritage Trade Drive, Suite 105
Wake Forest, North Carolina 27587
Phone: (919) 554-4884, Ext. 25.
Fax: (919) 562-0421
Email: George.L.Phillips@usace.army.mil

We would appreciate your feedback on how we are performing our duties. Our automated Customer Service Survey is located at <https://regulatory.ops.usace.army.mil/customer-service-survey/> . Thank you for taking the time to visit this site and complete the survey.



STATE OF NORTH CAROLINA
DEPARTMENT OF ADMINISTRATION

Roy Cooper
GOVERNOR

Pamela B. Cashwell
Secretary

September 8, 2021

Chris Babb
Raleigh-Durham Airport Authority
c/o Landrum & Brown
4445 Lake Forest Drive, Suite 700
Cincinnati, OH 45242-

Re: SCH File # 22-E-0000-0022 Proposed project is for the replacement of Runway 5L/23R.
Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project
will also relocate Lumley Road and Airport Perimeter Road.

Dear Chris Babb:

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. According to G.S. 113A-10, when a state agency is required to prepare an environmental document under the provisions of federal law, the environmental document meets the provisions of the State Environmental Policy Act. Attached to this letter for your consideration are comments made by the agencies in the review of this document.

If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

Should you have any questions, please do not hesitate to call.

Sincerely,

CRYSTAL BEST
State Environmental Review Clearinghouse

Attachments

Mailing Address:
NC DEPARTMENT OF ADMINISTRATION
1301 MAIL SERVICE CENTER
RALEIGH, NC 27699-1301

Telephone: (919)807-2425
Fax: (919)733-9571
COURIER: #51-01-00
Email: state.clearinghouse@doa.nc.gov
Website: www.ncadmin.nc.gov

Location:
116 WEST JONES STREET
RALEIGH, NORTH CAROLINA

Control No.: 22-E-0000-0022

Date Received: 8/6/2021

County.: WAKE

Agency Response: 9/2/2021

Review Closed: 9/2/2021

LYN HARDISON
CLEARINGHOUSE COORDINATOR
DEPT OF ENVIRONMENTAL QUALITY

Project Information

Type: National Environmental Policy Act ping

Applicant: Raleigh-Durham Airport Authority

Project Desc.: Proposed project is for the replacement of Runway 5L/23R. Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project will also relocate Lumley Road and Airport Perimeter Road.

As a result of this review the following is submitted:

☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: LYN HARDISON

Date: 9/8/2021



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

ELIZABETH S. BISER
Secretary

To: Crystal Best
State Clearinghouse
NC Department of Administration

From: Lyn Hardison
Division of Environmental Assistance and Customer Service
Washington Regional Office

RE: 22-0022
Scoping - Proposed project is for the replacement of Runway 5L/23R. Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project will also relocate Lumley Road and Airport Perimeter Road.
Wake County

Date: September 1, 2021

The Department of Environment Quality has reviewed the proposal for the referenced project. Based on the information provided, four (4) contamination sites were identified within one mile of the project site. In addition, several of our agencies have identified permits that may be required and offered some valuable guidance. The comments are attached for the applicant's review.

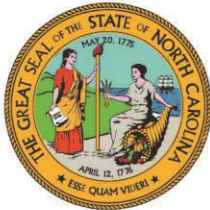
The Department will continue to be available to assist the applicant with any question or concerns.

Thank you for the opportunity to respond.

Attachments



North Carolina Department of Environmental Quality
217 West Jones Street | 1601 Mail Service Center | Raleigh, North Carolina 27699-1601
919.707.8600




NORTH CAROLINA
Environmental Quality

August 24, 2021

MEMORANDUM

To: Lyn Hardison
Department of Environmental Quality

From: David Wainwright 
SEPA Coordinator, Division of Water Resources

Subject: SCH # 22-0022
Scoping
RDU Replacement of Runway 5L/23R
Wake County

The Division of Water Resources' (DWR) Central Office staff have reviewed the scoping letter for Raleigh-Durham International Airport (RDU). The proposed project includes the replacement of runway 5L/23R and the relocation of Lumley Road and Airport Perimeter Road. Staff provides the following comments:

Water Supply Planning Branch (John Barr – John.Barr@ncdenr.gov or 919-707-9021):

- It is stated in the scoping information that the hydrocompression process will require up to 150,000,000 gallons of water. If non-municipal withdrawals exceed 100,000 gallons or more in any one day, the withdrawal will need to be registered with the WWATR program.

The Division of Water Resources, Central Office, thanks you for the opportunity to comment. Should you have questions regarding the above comment, please contact John Barr at John.Barr@ncdenr.gov or 919-707-9021. I can be reached at either David.Wainwright@ncdenr.gov or 919-707-9045.

ec: John Barr, Water Supply Planning Branch



North Carolina Department of Environmental Quality | Division of Water Resources
512 North Salisbury Street | 1611 Mail Service Center | Raleigh, North Carolina 27699-1611
919.707.9000

ROY COOPER

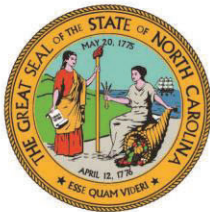
Governor

ELIZABETH S. BISER

Secretary

S. DANIEL SMITH

Director

NORTH CAROLINA
Environmental Quality

August 9, 2021

MEMORANDUM

To: Lyn Hardison, SEPA Coordinator, NC DEQ

From: Rob Ridings, NC Division of Water Resources, Transportation Permitting Branch

Subject: Scoping comments on proposed improvements to Raleigh/Durham International Airport Runways & associated road relocations in Wake County. State Clearinghouse Project No. 22-0022.

Reference your correspondence received August 6, 2021 in which you requested comments for the referenced project. Preliminary analysis of the project reveals the potential for multiple impacts to streams, buffers, and/or jurisdictional wetlands in the project area. Streams and tributaries in the project vicinity include:

Stream Name	River Basin	Stream Classifications	Stream Index Number	303(d) Listing?
Brier Creek	Neuse	C; NSW	27-33-4	Yes
Little Brier Creek	Neuse	C; NSW	27-33-4-1	Yes
Lake Crabtree	Neuse	B; NSW	27-33-(3.5)	Yes
Haleys Branch	Neuse	C; NSW	27-33-7	No
Sycamore Creek & Big Lake	Neuse	B; NSW	27-33-9	No

Further investigations at a higher resolution should be undertaken to verify the presence of other streams and/or jurisdictional wetlands in the area. The Division of Water Resources requests that the applicant consider the following environmental issues for the proposed project:

Project Specific Comments:

1. The road design plans shall provide treatment of the stormwater runoff through BMPs as detailed in the most recent version of the *North Carolina Department of Transportation Stormwater Program Manual*, and the *Stormwater Best Management Practices Toolbox Manual*. The BMPs should, to the MEP, be selected and designed to reduce impacts of the target pollutants of concern (POCs) for the receiving waters.
2. All area surface waters are class NSW waters of the State. The NCDWR is very concerned with sediment and erosion impacts that could result from this project. The NCDWR recommends that highly protective sediment and erosion control BMPs be implemented to reduce the risk of nutrient runoff to these surface waters. Post-construction stormwater BMPs should, to the MEP, be selected and designed to reduce nutrients.
3. Brier Creek, Little Brier Creek, Lake Crabtree, and all their tributaries are class 303(d) impaired waters of the State. The NCDWR is very concerned with sediment and erosion impacts that could result from this project. The NCDWR recommends that the most protective sediment and erosion control BMPs be implemented in accordance with *Design Standards in Sensitive Watersheds* (15A NCAC 04B .0124) or comparable BMPs to reduce the risk of further impairment to these surface waters. Post-construction stormwater BMPs should be selected and designed to the MEP, to reduce target POCs in the 303(d) list for the receiving waters.



North Carolina Department of Environmental Quality | Division of Water Resources
 512 North Salisbury Street | 1617 Mail Service Center | Raleigh, North Carolina 27699-1617
 919.707.9000

4. This project is within the Neuse River Basin. Riparian buffer impacts shall be avoided and minimized to the greatest extent possible pursuant to 15A NCAC 2B.0714. New development activities located in the protected 50-foot wide riparian areas within the basin shall be limited to “uses” identified within and constructed in accordance with 15A NCAC 2B.0295. Buffer mitigation may be required for buffer impacts resulting from activities classified as “allowable with mitigation” within the “Table of Uses” section of the Buffer Rules or require a variance under the Buffer Rules. A buffer mitigation plan, including use of the North Carolina Division of Mitigation Services, must be provided to the NCDWR prior to approval of the Water Quality Certification. Buffer mitigation may be required for buffer impacts resulting from activities classified as “allowable with mitigation” within the “Table of Uses” section of the Buffer Rules or require a variance under the Buffer Rules. A buffer mitigation plan, coordinated with the North Carolina Division of Mitigation Services, must be provided to the NCDWR prior to approval of the Water Quality Certification.

General Comments for Transportation Projects:

1. The environmental documents should provide a detailed and itemized presentation of the proposed impacts to wetlands and streams with corresponding mapping. If mitigation is necessary as required by 15A NCAC 2H.0506(h), it is preferable to present a conceptual (if not finalized) mitigation plan with the environmental documentation. Appropriate mitigation plans will be required prior to issuance of a 401 Water Quality Certification.
2. Environmental impact statement alternatives shall consider design criteria that reduce the impacts to streams and wetlands from storm water runoff. These alternatives shall include road designs that allow for treatment of the storm water runoff through BMPs as detailed in the most recent version of the *North Carolina Department of Transportation Stormwater Best Management Practices Tool box manual*, such as grassed swales, buffer areas, preformed scour holes, retention basins, etc.
3. After the selection of the preferred alternative and prior to an issuance of the 401 Water Quality Certification, the applicant is respectfully reminded that they will need to demonstrate the avoidance and minimization of impacts to wetlands (and streams) to the maximum extent practical. In accordance with the Environmental Management Commission’s Rules (15A NCAC 2H.0506[h]), mitigation will be required for impacts of greater than 0.1 acre to wetlands. In the event that mitigation is required, the mitigation plan shall be designed to replace appropriate lost functions and values. North Carolina Division of Mitigation Services may be available for assistance with wetland mitigation.
4. In accordance with the Environmental Management Commission’s Rules (15A NCAC 2H.0506[h]), mitigation will be required for impacts of greater than 300 linear feet to any perennial stream. In the event that mitigation is required, the mitigation plan shall be designed to replace appropriate lost functions and values. The North Carolina Division of Mitigation Services may be available for assistance with stream mitigation.
5. Future documentation, including the 401 Water Quality Certification Application, shall continue to include an itemized listing of the proposed wetland and stream impacts with corresponding mapping.
6. The NCDWR is very concerned with sediment and erosion impacts that could result from this project. The applicant shall address these concerns by describing the potential impacts that may occur to the aquatic environments and any mitigating factors that would reduce the impacts.



7. An analysis of cumulative and secondary impacts anticipated as a result of this project is required. The type and detail of analysis shall conform to the NC Division of Water Resource Policy on the assessment of secondary and cumulative impacts dated April 10, 2004.
8. The applicant is respectfully reminded that all impacts, including but not limited to, bridging, fill, excavation and clearing, and rip rap to jurisdictional wetlands, streams, and riparian buffers need to be included in the final impact calculations. These impacts, in addition to any construction impacts, temporary or otherwise, also need to be included as part of the 401 Water Quality Certification Application.
9. Where streams must be crossed, the NCDWR prefers bridges be used in lieu of culverts. However, we realize that economic considerations often require the use of culverts. Please be advised that culverts should be countersunk to allow unimpeded passage by fish and other aquatic organisms. Moreover, in areas where high quality wetlands or streams are impacted, a bridge may prove preferable. When applicable, the applicant should not install the bridge bents in the creek, to the maximum extent practicable.
10. Whenever possible, the NCDWR prefers spanning structures. Spanning structures usually do not require work within the stream or grubbing of the streambanks and do not require stream channel realignment. The horizontal and vertical clearances provided by bridges shall allow for human and wildlife passage beneath the structure. Fish passage and navigation by canoeists and boaters shall not be blocked. Bridge supports (bents) should not be placed in the stream when possible.
11. Bridge deck drains shall not discharge directly into the stream. Stormwater shall be directed across the bridge and pre-treated through site-appropriate means (grassed swales, pre-formed scour holes, vegetated buffers, etc.) before entering the stream. Please refer to the most recent version of the *North Carolina Department of Transportation Stormwater Best Management Practices Toolbox* manual for approved measures.
12. Sediment and erosion control measures should not be placed in wetlands or streams.
13. Borrow/waste areas should avoid wetlands to the maximum extent practical. Impacts to wetlands in borrow/waste areas will need to be presented in the 401 Water Quality Certification and could precipitate compensatory mitigation.
14. The 401 Water Quality Certification application will need to specifically address the proposed methods for stormwater management. More specifically, stormwater shall not be permitted to discharge directly into streams or surface waters. Please refer to the most recent version of the *North Carolina Department of Transportation Stormwater Best Management Practices Toolbox* manual for approved measures.
15. Based on the information presented in the document, the magnitude of impacts to wetlands and streams will likely require 404 permit application to the Corps of Engineers and corresponding 401 Water Quality Certification. Please be advised that a 401 Water Quality Certification requires satisfactory protection of water quality to ensure that water quality standards are met and no wetland or stream uses are lost. Final permit authorization will require the submittal of a formal application by the applicant and written concurrence from the NCDWR. Please be aware that any approval will be contingent on appropriate avoidance and minimization of wetland and stream impacts to the maximum extent practical, the development of an acceptable stormwater management plan, and the inclusion of appropriate mitigation plans where appropriate.
16. If concrete is used during construction, a dry work area shall be maintained to prevent direct contact between curing concrete and stream water. Water that inadvertently contacts uncured concrete shall not be discharged to surface waters due to the potential for elevated pH and possible aquatic life and fish kills. Concrete shall be handled in accordance with the NPDES Construction General Permit NCG010000.



17. If temporary access roads or detours are constructed, the site shall be graded to its preconstruction contours and elevations. Disturbed areas shall be seeded or mulched to stabilize the soil and appropriate native woody species shall be planted. When using temporary structures the area shall be cleared but not grubbed. Clearing the area with chain saws, mowers, bush-hogs, or other mechanized equipment and leaving the stumps and root mat intact allows the area to re-vegetate naturally and minimizes soil disturbance.
18. Unless otherwise authorized, placement of culverts and other structures in waters and streams shall be placed below the elevation of the streambed by one foot for all culverts with a diameter greater than 48 inches, and 20 percent of the culvert diameter for culverts having a diameter less than 48 inches, to allow low flow passage of water and aquatic life. Design and placement of culverts and other structures including temporary erosion control measures shall not be conducted in a manner that may result in dis-equilibrium of wetlands or streambeds or banks, adjacent to or upstream and downstream of the above structures. The applicant is required to provide evidence that the equilibrium is being maintained if requested in writing by the NCDWR. If this condition is unable to be met due to bedrock or other limiting features encountered during construction, please contact the NCDWR for guidance on how to proceed and to determine whether or not a permit modification will be required.
19. If multiple pipes or barrels are required, they shall be designed to mimic natural stream cross section as closely as possible including pipes or barrels at flood plain elevation, floodplain benches, and/or sills may be required where appropriate. Widening the stream channel should be avoided. Stream channel widening at the inlet or outlet end of structures typically decreases water velocity causing sediment deposition that requires increased maintenance and disrupts aquatic life passage.
20. If foundation test borings are necessary; it shall be noted in the document. Geotechnical work is approved under General 401 Certification Number 4085/Nationwide Permit No. 6 for Survey Activities.
21. Sediment and erosion control measures sufficient to protect water resources must be implemented and maintained in accordance with the most recent version of North Carolina Sediment and Erosion Control Planning and Design Manual and the most recent version of NCS000250.
22. All work in or adjacent to stream waters shall be conducted in a dry work area. Approved BMP measures from the most current version of the NCDOT Construction and Maintenance Activities manual such as sandbags, rock berms, cofferdams and other diversion structures shall be used to prevent excavation in flowing water.
23. While the use of National Wetland Inventory (NWI) maps, NC Coastal Region Evaluation of Wetland Significance (NC-CREWS) maps and soil survey maps are useful tools, their inherent inaccuracies require that qualified personnel perform onsite wetland delineations prior to permit approval.
24. Heavy equipment should be operated from the bank rather than in stream channels in order to minimize sedimentation and reduce the likelihood of introducing other pollutants into streams. This equipment shall be inspected daily and maintained to prevent contamination of surface waters from leaking fuels, lubricants, hydraulic fluids, or other toxic materials.
25. Riprap shall not be placed in the active thalweg channel or placed in the streambed in a manner that precludes aquatic life passage. Bioengineering boulders or structures should be properly designed, sized and installed.
26. Riparian vegetation (native trees and shrubs) shall be preserved to the maximum extent possible. Riparian vegetation must be reestablished within the construction limits of the project by the end of the growing season following completion of construction.



Thank you for requesting our input at this time. The applicant is reminded that issuance of a 401 Water Quality Certification requires that appropriate measures be instituted to ensure that water quality standards are met and designated uses are not degraded or lost. If you have any questions or require additional information, please contact Rob Ridings at rob.ridings@ncdenr.gov



North Carolina Department of Environmental Quality | Division of Water Resources
512 North Salisbury Street | 1617 Mail Service Center | Raleigh, North Carolina 27699-1617
919.707.9000

ROY COOPER
Governor
ELIZABETH S. BISER
Secretary
MICHAEL SCOTT
Director



Date: August 31, 2021

To: Michael Scott, Director
Division of Waste Management

Through: Janet Macdonald
Inactive Hazardous Sites Branch – Special Projects Unit

From: Bonnie S. Ware
Inactive Hazardous Sites Branch

Subject: NEPA Project # 22-0022, Raleigh-Durham Airport Authority/FAA, Wake County, North Carolina

The Superfund Section has reviewed the proximity of sites under its jurisdiction to the Raleigh-Durham Airport Authority/FAA project. Proposed project is for the construction to upfit the building for food manufacturing, purchasing and installing food manufacturing equipment, and hiring and training operations staff.

Four (4) Superfund Section sites were identified within one mile of the project as shown on the attached report. The Superfund Section recommends that site files be reviewed to ensure that appropriate precautions are incorporated into any construction activities that encounter potentially contaminated soil or groundwater. Superfund Section files can be viewed at: <http://deq.nc.gov/waste-management-laserfiche>.

Please contact Janet Macdonald at 919.707.8349 if you have any questions concerning the Superfund Section review portion of this SEPA/NEPA inquiry.



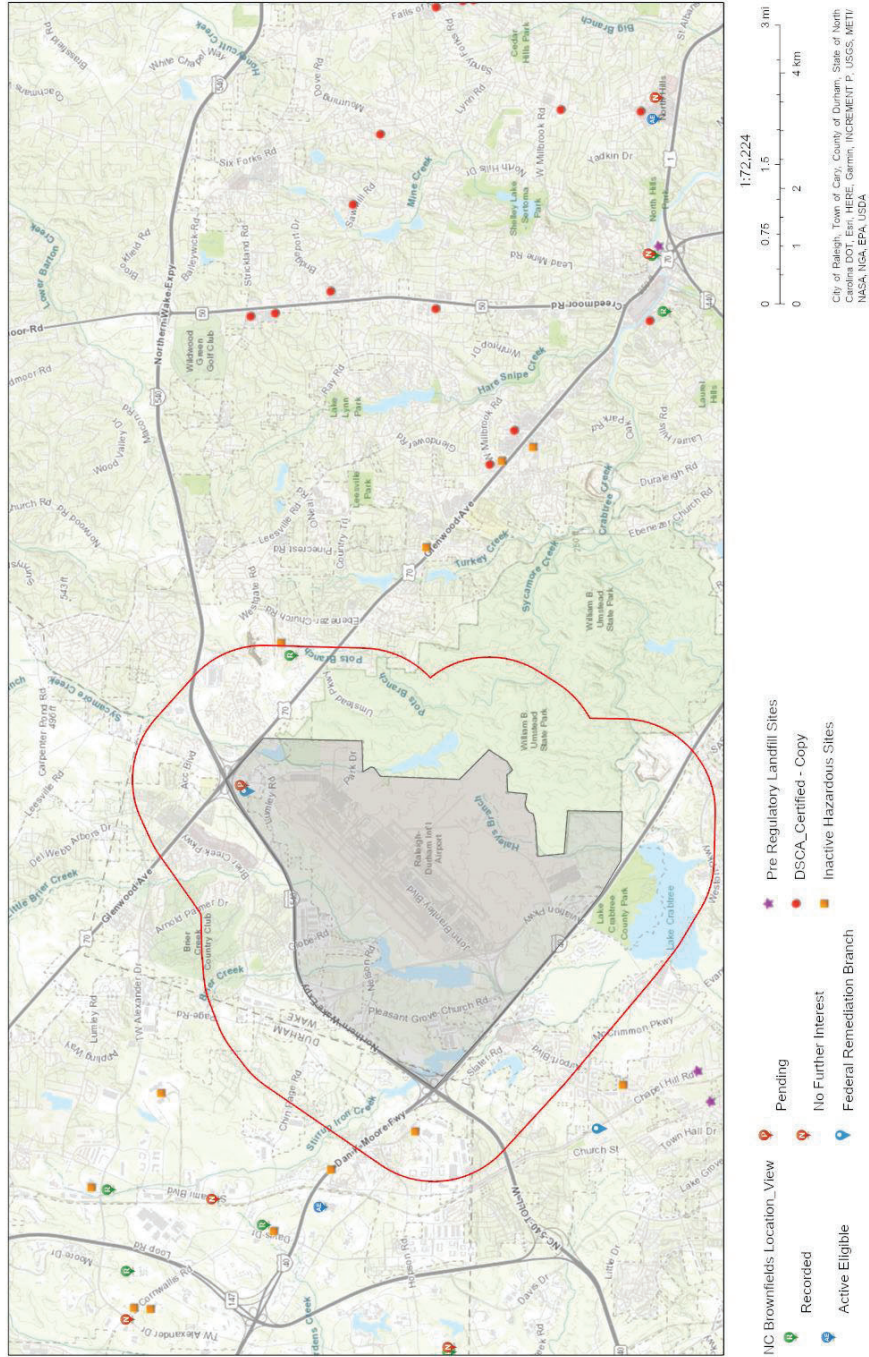
North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

SUPERFUND SECTION SITES ONLY : SEPA/NEPA

Area of Interest (AOI) Information

Area : 16,302.91 acres

Aug 31 2021 12:17:14 Eastern Daylight Time



Summary

Name	Count	Area(acres)	Length(mi)
Certified DSCA Sites	0	N/A	N/A
Federal Remediation Branch Sites	1	N/A	N/A
Inactive Hazardous Sites	1	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	2	N/A	N/A

Federal Remediation Branch Sites

#	SITE_ID	SITE_NAME	Count
1	NCD003202603	WARD TRANSFORMER COMPANY	1

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002219	NORTHERN TELECOM-CEM.TANK SOLV	1

Brownfields Program Sites

#	BF_ID	BF_Name	Count
1	1103607092	Triangle Drive	1
2	2202018092	Ward Transformer Co (RN)	1

Department of Environmental Quality Project Review Form

Project Number: 22-0022**County: Wake****Date Received: 8-6-2021****Due Date: 8-31-2021**

Project Description: *Scoping - Proposed project is for the replacement of Runway 5L/23R. Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project will also relocate Lumley Road and Airport Perimeter Road.*

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review	
<input type="checkbox"/> Asheville	<input checked="" type="checkbox"/> Air	<input type="checkbox"/> Air Quality	<input type="checkbox"/> Coastal Management
<input type="checkbox"/> Fayetteville	<input checked="" type="checkbox"/> DWR	<input type="checkbox"/> Parks & Recreation	<input type="checkbox"/> Marine Fisheries
<input type="checkbox"/> Mooresville	<input checked="" type="checkbox"/> DWR - Public Water	<input checked="" type="checkbox"/> Waste Mgmt	<input type="checkbox"/> Military Affairs
<input checked="" type="checkbox"/> Raleigh	<input checked="" type="checkbox"/> DEMLR (LQ & SW)	<input type="checkbox"/> Water Resources Mgmt (Public Water, Planning & Water Quality Program)	<input type="checkbox"/> DMF-Shellfish Sanitation
<input type="checkbox"/> Washington	<input checked="" type="checkbox"/> DWM	<input checked="" type="checkbox"/> DWR-Transportation Unit <u>Rob Ridings</u>	<input checked="" type="checkbox"/> Wildlife <u>Gabriela</u>
<input type="checkbox"/> Wilmington			<input type="checkbox"/> Wildlife/DOT
<input type="checkbox"/> Winston-Salem			

Manager Sign-Off/Region:	Date:	In-House Reviewer/Agency: Gabriela Garrison/NCWRC
--------------------------	-------	--

Response (check all applicable)

☐ No objection to project as proposed.☐ No Comment☐ Insufficient information to complete review

☒ Other (specify or attach comments) - NCWRC has been
communicating directly with the consultants
for comments.

If you have any questions, please contact:

Lyn Hardison at lyn.hardison@ncdenr.gov or (252) 948-3842
943 Washington Square Mall Washington NC 27889
Courier No. 16-04-01

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

AC06

Reviewing Regional Office: Raleigh
Project Number: 22-0022 Due Date: 8/31/2021
County: Raleigh

After review of this project it has been determined that the DEQ permit(s) and/or approvals indicated may need to be obtained in order for this project to comply with North Carolina Law. Questions regarding these permits should be addressed to the Regional Office indicated on the reverse of the form. All applications, information and guidelines relative to these plans and permits are available from the same Regional Office.

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	Normal Process Time (statutory time limit)
<input type="checkbox"/>	Permit to construct & operate wastewater treatment facilities, non-standard sewer system extensions & sewer systems that do not discharge into state surface waters.	Application 90 days before begins construction or award of construction contracts. On-site inspection may be required. Post-application technical conference usual.	30 days (90 days)
<input type="checkbox"/>	Permit to construct & operate, sewer extensions involving gravity sewers, pump stations and force mains discharging into a sewer collection system	Fast-Track Permitting program consists of the submittal of an application and an engineer's certification that the project meets all applicable State rules and Division Minimum Design Criteria.	30 days (N/A)
<input type="checkbox"/>	NPDES - permit to discharge into surface water and/or permit to operate and construct wastewater facilities discharging into state surface waters.	Application 180 days before begins activity. On-site inspection. Pre-application conference usual. Additionally, obtain permit to construct wastewater treatment facility-granted after NPDES. Reply time, 30 days after receipt of plans or issue of NPDES permit-whichever is later.	90-120 days (N/A)
<input type="checkbox"/>	Water Use Permit	Pre-application technical conference usually necessary.	30 days (N/A)
<input type="checkbox"/>	Well Construction Permit	Complete application must be received and permit issued prior to the installation of a groundwater monitoring well located on property not owned by the applicant, and for a large capacity (>100,000 gallons per day) water supply well.	7 days (15 days)
<input type="checkbox"/>	Dredge and Fill Permit	Application copy must be served on each adjacent riparian property owner. On-site inspection. Pre-application conference usual. Filling may require Easement to Fill from N.C. Department of Administration and Federal Dredge and Fill Permit.	55 days (90 days)
<input type="checkbox"/>	Permit to construct & operate Air Pollution Abatement facilities and/or Emission Sources as per 15 A NCAC (2Q.O100 thru 2Q.O300)	Application must be submitted and permit received prior to construction and operation of the source. If a permit is required in an area without local zoning, then there are additional requirements and timelines (2Q.O113).	90 days
<input checked="" type="checkbox"/>	Any open burning associated with subject proposal must be in compliance with 15 A NCAC 2D.1900	N/A	60 days (90 days)
<input checked="" type="checkbox"/>	Demolition or renovations of structures containing asbestos material must be in compliance with 15 A NCAC 20.1110 (a) (1) which requires notification and removal prior to demolition. Contact Asbestos Control Group 919-707-5950	Please Note - The Health Hazards Control Unit (HHCU) of the N.C. Department of Health and Human Services, must be notified of plans to demolish a building, including residences for commercial or industrial expansion, even if no asbestos is present in the building.	60 days (90 days)
<input checked="" type="checkbox"/>	The Sedimentation Pollution Control Act of 1973 must be properly addressed for any land disturbing activity. An erosion & sedimentation control plan will be required if one or more acres are to be disturbed. Plan must be filed with and approved by applicable Regional Office (Land Quality Section) at least 30 days before beginning activity. A NPDES Construction Stormwater permit (NCG010000) is also usually issued should design features meet minimum requirements. A fee of \$65 for the first acre or any part of an acre. An express review option is available with additional fees.		20 days (30 days)
<input type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with NCDOT's approved program. Particular attention should be given to design and installation of appropriate perimeter sediment trapping devices as well as stable Stormwater conveyances and outlets.		(30 days)
<input type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with _____ <u>Local Government's</u> approved program. Particular attention should be given to design and installation of appropriate perimeter sediment trapping devices as well as stable Stormwater conveyances and outlets.		Based on Local Program
<input type="checkbox"/>	Compliance with 15A NCAC 2H .0126 - NPDES Stormwater Program which regulates three types of activities: Industrial, Municipal Separate Storm Sewer System & Construction activities that disturb ≥1 acre.		30-60 days (90 days)
<input type="checkbox"/>	Compliance with 15A NCAC 2H 1000 -State Stormwater Permitting Programs regulate site development and post-construction stormwater runoff control. Areas subject to these permit programs include all 20 coastal counties, and various other counties and watersheds throughout the state.		45 days (90 days)

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

AC06

Reviewing Regional Office: Raleigh
Project Number: 22-0022 Due Date: 8/31/2021
County: Raleigh

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	Normal Process Time (statutory time limit)
<input type="checkbox"/>	Mining Permit	On-site inspection usual. Surety bond filed with DEQ Bond amount varies with type mine and number of acres of affected land. Affected area greater than one acre must be permitted. The appropriate bond must be received before the permit can be issued.	30 days (60 days)
<input type="checkbox"/>	Dam Safety Permit	If permit required, application 60 days before begin construction. Applicant must hire N.C. qualified engineer to: prepare plans, inspect construction, and certify construction is according to DEQ approved plans. May also require a permit under mosquito control program. And a 404 permit from Corps of Engineers. An inspection of site is necessary to verify Hazard Classification. A minimum fee of \$200.00 must accompany the application. An additional processing fee based on a percentage or the total project cost will be required upon completion.	30 days (60 days)
<input type="checkbox"/>	Oil Refining Facilities	N/A	90-120 days (N/A)
<input type="checkbox"/>	Permit to drill exploratory oil or gas well	File surety bond of \$5,000 with DEQ running to State of NC conditional that any well opened by drill operator shall, upon abandonment, be plugged according to DEQ rules and regulations.	10 days N/A
<input type="checkbox"/>	Geophysical Exploration Permit	Application filed with DEQ at least 10 days prior to issue of permit. Application by letter. No standard application form.	10 days N/A
<input type="checkbox"/>	State Lakes Construction Permit	Application fee based on structure size is charged. Must include descriptions & drawings of structure & proof of ownership of riparian property	15-20 days N/A
<input checked="" type="checkbox"/>	401 Water Quality Certification	Compliance with the T15A 02H .0500 Certifications are required whenever construction or operation of facilities will result in a discharge into navigable water as described in 33 CFR part 323.	60 days (130 days)
<input checked="" type="checkbox"/>	Compliance with Catawba, Goose Creek, Jordan Lake, Randleman, Tar Pamlico or Neuse Riparian Buffer Rules is required. Buffer requirements: http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/401-wetlands-buffer-permits/401-riparian-buffer-protection-program		
<input type="checkbox"/>	Nutrient Offset: Loading requirements for nitrogen and phosphorus in the Neuse and Tar-Pamlico River basins, and in the Jordan and Falls Lake watersheds, as part of the nutrient-management strategies in these areas. DWR nutrient offset information: http://deq.nc.gov/about/divisions/water-resources/planning/nonpoint-source-management/nutrient-offset-information		
<input type="checkbox"/>	CAMA Permit for MAJOR development	\$250.00 - \$475.00 fee must accompany application	75 days (150 days)
<input type="checkbox"/>	CAMA Permit for MINOR development	\$100.00 fee must accompany application	22 days (25 days)
<input type="checkbox"/>	Abandonment of any wells, if required must be in accordance with Title 15A. Subchapter 2C.0100.		
<input checked="" type="checkbox"/>	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.		
<input type="checkbox"/>	Plans and specifications for the construction, expansion, or alteration of a public water system must be approved by the Division of Water Resources/Public Water Supply Section prior to the award of a contract or the initiation of construction as per 15A NCAC 18C .0300 et. seq., Plans and specifications should be submitted to 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. All public water supply systems must comply with state and federal drinking water monitoring requirements. For more information, contact the Public Water Supply Section, (919) 707-9100.		30 days
<input type="checkbox"/>	If existing water lines will be relocated during the construction, plans for the water line relocation must be submitted to the Division of Water Resources/Public Water Supply Section at 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. For more information, contact the Public Water Supply Section, (919) 707-9100.		30 days
<input checked="" type="checkbox"/>	Plans and specifications for the construction, expansion, or alteration of the <u>Town of Cary</u> water system must be approved through the <u>Town of Cary</u> delegated plan approval authority. Please contact them at <u>919-460-4933</u> for further information.		

Reviewing Regional Office: Raleigh
Project Number: 22-0022 Due Date: 8/31/2021
County: Raleigh

Other Comments (attach additional pages as necessary, being certain to comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	MRFL	<input type="checkbox"/>	See checked boxes above.	8/19/2021
DWR-WQROS (Aquifer & Surface)	JSB &	<input type="checkbox"/>	See checked boxes above. &	8/10/2021
DWR-PWS	SG	<input type="checkbox"/>	See checked box above.	8/16/2021
DEMLR (LQ & SW)	CDA	<input type="checkbox"/>		8/21/2021
DWM – UST	MRP	<input type="checkbox"/>	See checked box above. Notify the UST Section if petroleum-contaminated soil is discovered.	8/24/2021
Other Comments		<input type="checkbox"/>		/ /

REGIONAL OFFICES

Questions regarding these permits should be addressed to the Regional Office marked below.

- | | | |
|--|---|--|
| <input type="checkbox"/> Asheville Regional Office
2090 U.S. 70 Highway
Swannanoa, NC 28778-8211
Phone: 828-296-4500
Fax: 828-299-7043 | <input type="checkbox"/> Fayetteville Regional Office
225 Green Street, Suite 714,
Fayetteville, NC 28301-5043
Phone: 910-433-3300
Fax: 910-486-0707 | <input type="checkbox"/> Mooreville Regional Office
610 East Center Avenue, Suite 301,
Mooreville, NC 28115
Phone: 704-663-1699
Fax: 704-663-6040 |
| <input checked="" type="checkbox"/> Raleigh Regional Office
3800 Barrett Drive,
Raleigh, NC 27609
Phone: 919-791-4200
Fax: 919-571-4718 | <input type="checkbox"/> Washington Regional Office
943 Washington Square Mall,
Washington, NC 27889
Phone: 252-946-6481
Fax: 252-975-3716 | <input type="checkbox"/> Wilmington Regional Office
127 Cardinal Drive Ext.,
Wilmington, NC 28405
Phone: 910-796-7215
Fax: 910-350-2004 |
| | <input type="checkbox"/> Winston-Salem Regional Office
450 Hanes Mill Road, Suite 300,
Winston-Salem, NC 27105
Phone: 336-776-9800
Fax: 336-776-9797 | |

Department of Environmental Quality Project Review Form

Project Number: 22-0022**County: Wake****Date Received: 8-6-2021****Due Date: 8-31-2021**

Project Description: *Scoping - Proposed project is for the replacement of Runway 5L/23R. Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project will also relocate Lumley Road and Airport Perimeter Road.*

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review	
<input type="checkbox"/> Asheville	<input checked="" type="checkbox"/> Air	<input type="checkbox"/> Air Quality	<input type="checkbox"/> Coastal Management
<input type="checkbox"/> Fayetteville	<input checked="" type="checkbox"/> DWR	<input type="checkbox"/> Parks & Recreation	<input type="checkbox"/> Marine Fisheries
<input type="checkbox"/> Mooresville	<input checked="" type="checkbox"/> DWR - Public Water	<input checked="" type="checkbox"/> Waste Mgmt	<input type="checkbox"/> Military Affairs
<input checked="" type="checkbox"/> Raleigh	<input checked="" type="checkbox"/> DEMLR (LQ & SW)	<input type="checkbox"/> Water Resources Mgmt (Public Water, Planning & Water Quality Program)	<input type="checkbox"/> DMF-Shellfish Sanitation
<input type="checkbox"/> Washington	<input checked="" type="checkbox"/> DWM	<input checked="" type="checkbox"/> DWR-Transportation Unit <u>Rob Ridings</u>	<input checked="" type="checkbox"/> Wildlife <u>Gabriela</u>
<input type="checkbox"/> Wilmington			<input type="checkbox"/> Wildlife/DOT
<input type="checkbox"/> Winston-Salem			

Manager Sign-Off/Region:	Date: 8/31/21	In-House Reviewer/Agency: Melodi Deaver, Hazardous Waste Section
--------------------------	------------------	---

Response (check all applicable)

- | | |
|--|---|
| <input type="checkbox"/> No objection to project as proposed. | <input checked="" type="checkbox"/> No Comment |
| <input type="checkbox"/> Insufficient information to complete review | <input type="checkbox"/> Other (specify or attach comments) |

If you have any questions, please contact:

Lyn Hardison at lyn.hardison@ncdenr.gov or (252) 948-3842
943 Washington Square Mall Washington NC 27889
Courier No. 16-04-01

Control No.: 22-E-0000-0022

Date Received: 8/6/2021

County.: WAKE

Agency Response: 9/2/2021

Review Closed: 9/2/2021

JEANNE STONE
CLEARINGHOUSE COORDINATOR
DEPT OF TRANSPORTATION

Project Information

Type: National Environmental Policy Act ping

Applicant: Raleigh-Durham Airport Authority

Project Desc.: Proposed project is for the replacement of Runway 5L/23R. Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project will also relocate Lumley Road and Airport Perimeter Road.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JEANNE STONE

Date: 8/10/2021

Control No.: 22-E-0000-0022

Date Received: 8/6/2021

County.: WAKE

Agency Response: 9/2/2021

Review Closed: 9/2/2021

JINTAO WEN
CLEARINGHOUSE COORDINATOR
DPS - DIV OF EMERGENCY MANAGEMENT

Project Information

Type: National Environmental Policy Act ping
Applicant: Raleigh-Durham Airport Authority
Project Desc.: Proposed project is for the replacement of Runway 5L/23R. Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project will also relocate Lumley Road and Airport Perimeter Road.

As a result of this review the following is submitted:

☐ No Comment☒ Comments Below☐ Documents Attached

From the information provided it appears the proposed project will encroach into Special Flood Hazard Area (SFHA), therefore a Floodplain Development Permit issued by Wake County will be required. Please coordinate with the county's Floodplain Administrator for permitting. Any work within the Floodway or Non-Encroachment Area of the nearby streams will require a hydraulic analysis to determine the impacts on flood levels from the proposed development. Any increase in flood levels during the base flood discharge will require a Conditional Letter of Map Revision (CLOMR) prior to construction. No existing structures shall be impacted by the increase in flood levels. If there are no increases in flood levels, a "No-Rise" study and certification will be required prior to construction.

Reviewed By: JINTAO WEN

Date: 8/30/2021

Control No.: 22-E-0000-0022

Date Received: 8/6/2021

County.: WAKE

Agency Response: 9/2/2021

Review Closed: 9/2/2021

JOSEPH HUDYNIA
CLEARINGHOUSE COORDINATOR
DEPT OF AGRICULTURE

Project Information

Type: National Environmental Policy Act ping

Applicant: Raleigh-Durham Airport Authority

Project Desc.: Proposed project is for the replacement of Runway 5L/23R. Project will relocate Runway 5L/23R and convert the existing Runway to Taxiway. Project will also relocate Lumley Road and Airport Perimeter Road.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JOSEPH HUDYNIA

Date: 8/6/2021