



Volkswagen Settlement Phase 2 DC Fast – Existing Sites Program

April 25, 2022

Dave Willis, Environmental Program Consultant, NC Division of Air Quality

Department of Environmental Quality



What to Expect Today

- **Overview of DC Fast Existing Sites program**
- **When/how to submit your application**
- **Scoring criteria**
- **Where to find information after this workshop**
- **Questions and answers**

This is not a public forum for comments on implementation of the VW Settlement



DC Fast – Existing Sites Program

**Phase 2 DC Fast Existing Sites Program RFP was
Released on April 11, 2022**

**Applications opened in DAQ Grant Management
System (GMS) on April 11, 2022**

Applications are due: July 11, 2022, 11:59 PM EST



Subscribe to our VW Email List!

If you are not currently on our mailing list and would like to receive email updates about the Volkswagen Settlement Program, please send an email with the word “Subscribe” in the subject line to daq.NC_VWGrants@ncdenr.gov.

DC Fast – Examples



Level 2 vs DC Fast

Type	Kilo watts hours (kWH)	Miles of Range Per Hour (RPH)	Time to Full Charge	Best use Locations	Connector Images
Level 2	3.7 to 14.4 kWH	12 to 80 RPH	3 ~ 8 Hours depending on Battery Size	<ul style="list-style-type: none"> • Home • Work • Topping off around Town 	J1772 Connector
DC Fast	50kWH +	200+ RPH	80% in 30 minutes	<ul style="list-style-type: none"> • Short Stops Less than 1 Hour • Express Corridor Locations 	CCS, CHAdeMO, Tesla

Phase 2 Zero Emission Vehicle Light-Duty Infrastructure Programs

Program	Charger Type	Request for Proposal	RFP Release Date	Available Funding	
ZEV Infrastructure	DC Fast	Priority Corridors	February 12, 2022	\$4,997,424	
		Existing Sites	April 2022	\$1,642,927	
	Level 2	State Agencies	February 28, 2022	\$1,009,684	
		Publicly Accessible	March 21, 2022	\$1,070,877	
		Multi-Unit Dwellings	April 2022	\$489,544	
		Workplace	April 2022	\$489,544	
	Total ZEV Infrastructure Funding Available				\$9,700,000

DC Fast Existing Site Funding Levels

Charging Capacity	Existing or Replacement DC Fast (Per Port)				Maximum Number of Ports Funded per Application
	Government-Owned Property		Non-Government- Owned Property		
50kW to 60kW	100%	\$45,000	80%	\$36,000	4
60kW to 75kW	100%	\$57,500	80%	\$46,000	4
76kW to 120kW	100%	\$75,000	80%	\$60,000	2
121kW and over	100%	\$110,000	80%	\$88,000	2

DC Fast Existing Site Program

Eligible applicants include:

- Government organizations
- Non-government organizations

Specific details on eligible applicants can be found in the RFP.



DC Fast Existing Site Program

This RFP is for funding the Replacement or Expansion of Existing DC Fast charging sites. At sites that have or have had 50kW chargers or greater.

DC Fast Existing Site Program

This RFP is for funding the Replacement or Expansion of Existing DC Fast charging sites. At sites that have or have had 50kW chargers or greater.

- **What if my proposed location does NOT have a 50kW charger?**
 - **Apply under the DC Fast Priority Corridor Program!**
 - **Program ID: NCDEQDAQ0011**

DC Fast Existing Site Program

- Before beginning the application, please make sure you have the following information available.
- The application checklist can be found [here](#).

Access to GMS.

DO NOT Wait to the Last WEEK.

General Application Requirements (All applications)

- _____ GMS Access (During the User Creating you are linked to a Business Entity)
- _____ NCID
- _____ Project Information

Zero Emission Vehicle Infrastructure Charging Program

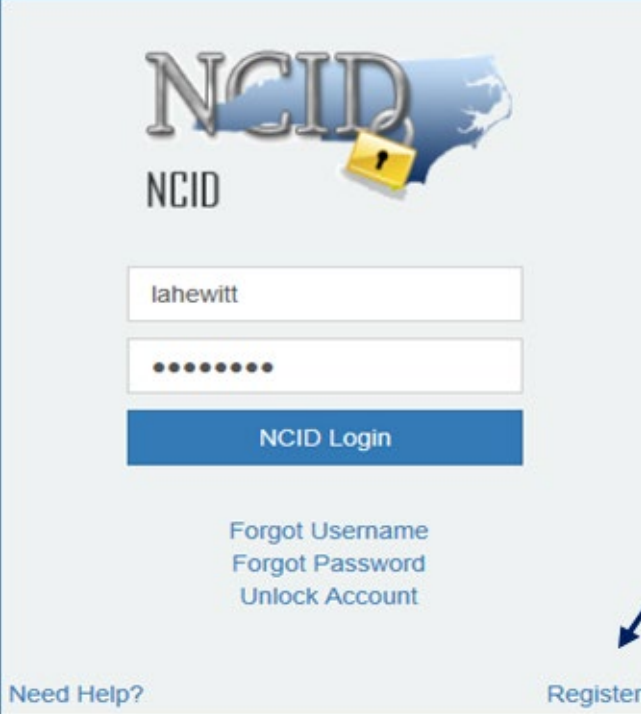
(See Application for more Details)

- _____ GPS coordinates of Charging Station Location and Street Address
- _____ Charging Equipment Information (# of ports, spaces, model, manuf., etc.)
- _____ Materials/Services/Labor estimated costs
- _____ Site Host Letter of Commitment (if necessary) (for Upload)
- _____ Utility Assessment of Site (for Upload)
- _____ Local map to show amenities (for Upload)
- _____ Plans to show exact charging station and parking space location (for Upload)
- _____ Any other additional documentation to support application (Including use surveys, etc.)



Register for a NCID

- **Setting up an NCID:**
<https://ncid.nc.gov>.
- **Instructions are found here:**
[How-to-Create-a-NC-ID.pdf](#)
- **Your NCID username and password are your credentials for the GMS System.**



[Privacy and Other Policies](#)

[Contact Us](#)



WARNING: This is a government computer system, which may be accessed and used only for authorized business by authorized personnel. Unauthorized access or use of this computer system may subject violators to criminal, civil and/or administrative action.



Requesting Access to the DAQ Grant Management System (GMS)

- After getting your NCID
- Completed the North Carolina Substitute W-9 Form for your agency and email it to svc.NCVWApplication@ncdenr.gov.
- Finally Submit the DAQ Access Authorization WEB Form

Each organization is allowed up to 3 authorized users.

Once the authorization is processed, you will receive an email from NCDOT IT SAP Support Services.

The screenshot shows a web form titled "Enterprise Business Services (EBS) External Access Request Application". The form is divided into sections for "User ID Information" and "Organization Information".

User ID Information:

- *Agency: (Dropdown menu)
- If you already log into ebs.nc.gov (Enterprise Business Services), enter your current User ID: (Text input)
- *Last Name: (Text input)
- *First Name: (Text input)
- Middle Name: (Text input)
- *Organization Name (Legal Name of Entity - Registered with the NC Secretary of State): (Text input)
- Organization Name 2 (DBA): (Text input)
- *Organization Address: (Text input, with a note "No P.O. Box...")
- *City: (Text input)
- *State (select from drop down): (Dropdown menu)
- *Zip Code: (Text input)
- *Phone: (Text input)
- *Email: (Text input)
- Comments: (Text area)

Organization Information:

- Select Role(s) and/or Action(s): (Dropdown menu)
- Click the generate button to create a code: (Text input)
- Generate(Refresh) (Button)
- *Copy or type the code in the box : (Text input)

A "Submit" button is located at the bottom right of the form.

DAQ Grant Management System (GMS)

- DAQ Grant Management System (GMS) can be accessed at:

<https://www.ebs.nc.gov/irj/portal>

- GMS Instructions can be found at:
<https://deq.nc.gov/about/divisions/air-quality/motor-vehicles-and-air-quality/volkswagen-settlement/grants-management>

- Downloadable GMS [Manual](#)



**Enterprise
Business
Services**

User *

Password *

Passwords are case sensitive

[Login Help](#) * [Browser Support](#)



DAQ Training Library

The screenshot shows a web browser window with the URL [https://qcr.ebs.nc.gov/grants\(bD1libizjPTYwMCZKPW1pbg=\)/default.htm](https://qcr.ebs.nc.gov/grants(bD1libizjPTYwMCZKPW1pbg=)/default.htm). The page header includes the DEQ logo, the text "Welcome Brian Phillips", and navigation options like "Personalize" and "Log Off". A search bar is also present. The main content area is titled "Home" and contains three sections: "Alerts" (showing "No result found"), "Web Links" (with "DAQ Training Library" highlighted by a red box and a red arrow), and "Search" (listing various actions like "Create New Application", "View Applications", etc.). A sidebar on the left titled "Grants Home" contains a "Recent Items" list with entries such as "3000169642 Engin...", "1000010635 Claim...", "2000045107 Level...", "1000010594 Level...", and "1000010592 Diesel...".



DC Fast Existing Site Program

Home Back

Alerts
No result found

Workflow Tasks
No result found

Web Links
DAQ Training Library

Search
Download Form Data Programs
Create New Application
Edit Application Form
View Application
View Agreements
Create New Claim
Edit Claim Form
View Claim
Create/Edit Recipient Account

Favorites
My Favorites Filter: All Items
My Favorites



DC Fast Existing Site Program

Search: Application Form Back

Search Criteria Hide Search Fields

Program ID

Program Type

Maximum Number of Results:

Save Search As: Include View

Result List Filter:

Application Form	Program ID
DAQ Grant Application - Fast Charge	NCDEQDAQ0011

***The Program ID for the DC Fast Existing Site Program is NCDEQDAQ0011.**



DC Fast Existing Site Program

Search: Application Form

Search Criteria Hide Search Fields

Program ID is

Program Type is NCDEQ DAQ Grants

Maximum Number of Results: 9,...

Save Search As: Include View

Result List Filter:

Program ID	Description	Application Form
NCDEQDAQ0006	Phase 2 Transit and Shuttle Bus Program	DAQ Grant Application - Diesel
NCDEQDAQ0007	Phase 2 DCFast Priority Corridor Program	DAQ Grant Application - Fast Charge
NCDEQDAQ0008	Phase 2 School Bus Program	DAQ Grant Application - Diesel
NCDEQDAQ0009	Phase 2 Level 2 Public Access Program	DAQ Grant Application - Level 2 Charge
NCDEQDAQ0010	Phase 2 Level 2 State Agency Program	DAQ Level 2 Charge State Agency Program
NCDEQDAQ0011	Phase 2 DCFast Existing Sites Program	DAQ Grant Application - Fast Charge

***The program description field will be available on Thursday May 5, 2022, for external users.**



DC Fast Existing Site Program

Application Form

Version: 000000004
View: DEQ DAO Application Form - Fast Charge

Last Changed By: WDWILLIS
Change Date: 12/18/2020 13:34:10

Project Contact Charger Details Budget Project Details Certification

Organization

Organization Name [Redacted] Tax Identification Number (TIN) [Redacted]
Project Title [Redacted]

Project Details

Program Type: ZEV Infrastructure (EMA-9)
Equipment Type: DC Fast Charging (EMA-9)
Renewable Energy Credit Percentage: 100

Eligible Applicant Type: Non-Government
Project Type: Publicly Accessible

Project Location

Street Address: 100
City: [Redacted]
County: Please Select
Zip Code: [Redacted]

Latitude (°N): (decimal degrees) [Redacted]
Longitude (°W): (decimal degrees) [Redacted]
Distance from interchange (miles) [Redacted]
Distance to closest DC Fast charging station (miles) [Redacted]
Distance to amenities (retail or service establishments) (miles) [Redacted]

Accessibility to general public: Please Select
Water and Restrooms: Please Select
Lighting for safety: Please Select

Available 24 by 7?: Please Select
Available 24 by 7?: Please Select
Available 24 by 7?: Please Select

If no, please explain [Redacted]
If no, please explain [Redacted]
If no, please explain [Redacted]

Check Save & Close Next =>

Auto filled from your user account

Check **Save & Close** on each page as you proceed.



DC Fast Existing Site Program

Application Form

Version: 0000000004
View: DEQ DAQ Application Form - Fast Charge

Last Changed By: WDWILLIS
Change Date: 12/18/2020 13:34:10

Project Contact Charger Details Budget Project Details Certification

Authorized Representative

First Name
Last Name
E-mail
Phone Number

Project Manager

Copy from Authorized Representative

First Name
Last Name
E-mail
Phone Number

Financial Contact

Copy from Authorized Representative

First Name
Last Name
E-mail
Phone Number

Previous Check Save & Close Next

If the contacts are all the same use the copy function.

DC Fast Existing Site Program

Application Form

Version: 0000000004
View: DEQ DAQ Application Form - Fast Charge

Last Changed By: WDWILLIS
Change Date: 12/18/2020 13:34:10

Project Contact **Charger Details** Budget Project Details Certification

Number	Manufacturer	Model	Number of Ports	Number of Spaces	Charging Capacity(kW)	Warranty Period (Years)
			0	0	0	
Total			0	0	0	

Previous Check Save & Close Next

Enter the charger information. If you are applying for multiple chargers this will automatically add new lines.



DC Fast Existing Site Program

Application Form

Version: 0000000004
View: DEQ DAQ Application Form - Fast Charge

Last Changed By: WDWILLIS
Change Date: 12/18/2020 13:34:10

Project Contact Charger Details **Budget** Project Details Certification

Budget Item	Project Total	Requested Funds	Matching Funds (Your Org)	Other Funding	Please specify source of other funding, if any
DC01 Charging equipment cost	\$0				
DC02 Engineering and design costs	\$0				
DC03 Warranty (or maintenance) costs	\$0				
DC04 Other EVSE components	\$0				
DC05 Capital costs	\$0				
DC06 Host site contract costs	\$0				
DC07 Electrical service upgrades	\$0				
DC08 Project management	\$0				
DC09 Other costs	\$0				
Total Project Budget	\$0	\$0	\$0	\$0	

Previous Next

Click **Check** and then **Save**.



DC Fast Existing Site Program

Application Form

Version: 000000004
View: DEQ DAQ Application Form - Fast Charge

Last Changed By: WDWILLIS
Change Date: 12/18/2020 13:34:10

Project Contact Charger Details Budget **Project Details** Certification

1. Please provide a detailed description of the proposed project. Describe procurement, installation, activation/commissioning, testing and signage. Describe collaborations with interested utilities, local business, cities, counties or other entities. Describe sustainable business model for this project. Describe customer support service accessibility. Describe networking and networking security for both payment and data capture. 0 out of 3000

2. Explain how this request fits into North Carolina's Beneficiary Mitigation Plan. 0 out of 1316

3. What is the likelihood that the project will incentivize future indirect NOx and other emission reductions? 0 out of 1462

4. Renewable Energy Certificates: Please provide detailed plans for any use of any renewable energy certificates for powering the charging station and how the energy will be provided. Include a signed copy of the agreement. 0 out of 731

5. Project Feasibility: Provide a description of how you as the applicant have the necessary technical, managerial, procurement, and financial capability and experience to execute on your proposed project. 0 out of 731

6. Use this space for any additional information that you believe will be helpful in evaluating the project. (Optional) 0 out of 731

== Previous Check Save & Close Next ==>

DC Fast – Project Details

- 1. Please provide a detailed description of the proposed project.**
- 2. Explain how this request fits into North Carolina's Beneficiary Mitigation Plan.**
- 3. What is the likelihood that the project will incentivize future indirect NOx and other emission reductions?**
- 4. Renewable Energy Certificates: Please provide detailed plans for any use of any renewable energy certificates for powering the charging station and how the energy will be provided. Include a signed copy of the agreement.**
- 5. Project Feasibility: Provide a description of how you as the applicant have the necessary technical, managerial, procurement, and financial capability and experience to execute on your proposed project.**



DC Fast Existing Site Program

Application Form

Version: 000000004
View: DEQ DAQ Application Form - Fast Charge

Last Changed By: WDWILLIS
Change Date: 12/18/2020 13:34:10

Project Contact Charger Details Budget Project Details Certification

By checking this box, I certify that all proposed activities will be carried out; that all money received will be utilized solely for the purposes for which it is intended; that records documenting the planning process and implementation will be maintained and submitted when requested, and DEQ is hereby granted access to inspect project sites and/or records. It is understood that if this project is selected a contract with DEQ will be executed.

Authorized Representative

Name: _____ Title: _____ Date: _____

Previous

Check Save & Close Submit



DC Fast Existing Site Program

Confirmation

Your Application has been **Saved** successfully. - **Application ID** 1000010853

Your application is not complete until all required documents have been submitted.

To download the Required Attachments Checklist, please click link: [\(Link to Checklist\)](#)

Click browse to select file (100 MB maximum) No file chosen



Editing an Existing Application

The screenshot displays a web application interface with a top navigation bar labeled "Home" and a "Back" button. Below the navigation bar, there are three main sections: Alerts, Workflow Tasks, and Web Links. The Alerts and Workflow Tasks sections both show "No result found". The Web Links section contains a link to "DAQ Training Library". To the right of these sections is a "Search" menu with the following items: Download Form Data, Programs, Create New Application, Edit Application Form (highlighted with a red arrow), View Application, View Agreements, Create New Claim, Edit Claim Form, View Claim, and Create/Edit Recipient Account. Below the Search menu is a "Favorites" section with a "My Favorites" dropdown and a "Filter: All Items" dropdown. The "My Favorites" section contains a single item labeled "My Favorites".



Editing an Existing Application

Partner Name	▼	is	▼	<input type="text"/>	⊕ ⊖
Grantee ID	▼	is	▼	<input type="text"/>	⊕ ⊖
Application ID	▼	is	▼	1000010853	⊕ ⊖
Description	▼	is	▼	<input type="text"/>	⊕ ⊖
Program ID	▼	is	▼	<input type="text"/>	⊕ ⊖

Maximum Number of Results:

Filter:

Pre-Agreement Request ID	Description	Created By	Status	Created On
1000010853	New Electric Bus	BCPHILLIPS	In Process by Applicant	02/02/2022 10:38:42



Submitting Your Application

Project Contact Budget Project Details **Certification**

By checking this box, I certify that all proposed activities will be carried out; that all money received will be utilized solely for the purposes for which it is intended; that records documenting the planning process and implementation will be maintained and submitted when requested, and DEQ is hereby granted access to inspect project sites and/or records. It is understood that if this project is selected a contract with DEQ will be executed.

Authorized Representative

Name: Title: Date:



Submitted Application and Uploading Attachments

Confirmation

Your Application has been **Submitted** successfully. - **Application ID** - 1000010853

Your application is not complete until all required documents have been submitted.

To download the Required Attachments Checklist, please click link: [\(Link to Checklist\)](#)


Click browse to select file (100 MB maximum) No file chosen



Finding an Application in GMS

Partner Name	▼	is	▼	<input type="text"/>	⊕ ⊖
Grantee ID	▼	is	▼	<input type="text"/>	⊕ ⊖
Application ID	▼	is	▼	1000010853	⊕ ⊖
Description	▼	is	▼	<input type="text"/>	⊕ ⊖
Program ID	▼	is	▼	<input type="text"/>	⊕ ⊖

Maximum Number of Results:

Filter: 

Pre-Agreement Request ID	Description	Created By	Status	Created On
1000010853	New Electric Bus	BCPHILLIPS	In Process by Applicant	02/02/2022 10:38:42



Tips and Things to Know

- **DO NOT WAIT TO THE LAST WEEK TO REQUEST GMS ACCESS OR APPLY!!!!!!!!!!!!!!**
- Budget information should be as accurate as possible
- DEQ reserves the right to partially fund awarded projects
- Essays will be used to assist in evaluating projects that score similarly to determine awardees
- We will not accept paper, scanned, emailed, or faxed applications. We will not accept applications after the due date.
- Do not sign any agreements with vendors or start work until your contract is fully executed
- **APPLICATION AWARD IS NOT A FULLY EXECUTED CONTRACT**



Subscribe to our VW Email List!

If you are not currently on our mailing list and would like to receive email updates about the Volkswagen Settlement Program, please send an email with the word “Subscribe” in the subject line to daq.NC_VWGrants@ncdenr.gov.



DC Fast Existing Site Program

This is a Competitive reimbursement program.



DC Fast Existing Site Application Scoring



Lifetime Cost Effectiveness: VW\$ funded per kW charging rate * number of charging ports (20 points)

Cost Effectiveness (CE) (VW\$ funded per kW charging rate * number of charging ports):

$$\text{CE} = \text{VW\$} / \text{Maximum Available (kW * Ports)}$$

CE is based on applicant provided budgets. Projects are ranked best to least CE. The most CW will get 20 points the least 0.



Distance to other DC Fast Charging Stations (20 points)

Distance to other DC fast charging sites: How many miles to existing DC fast charging sites (not including dealerships or Tesla Supercharger locations) along interstate to project area?

- **Over 100 miles: 20 points**
- **99 to 51 miles: 15 points**
- **50 to 26 miles: 10 points**
- **Less than 25 miles: 5 points**



Distance Off Interchange (15 points)

Distance off interchange: Ranked highest to lowest; based on proposed site location from interchange.

- **Less than 2 miles: 15 points**
- **2 to 3 miles: 10 points**
- **Over 3 miles but less than 5 miles: 5 points**
- **Over 5 miles: 0 points**



Environmental Justice (15 points)

To determine environmental justice (EJ) scores for the purpose of ranking and rating vehicles and projects, the following analysis was done at the block group level using the 2019 American Community Survey (ACS) five-year estimates. The ACS is a demographic survey conducted each year by the U.S Census Bureau to collect detailed demographic information. For this analysis, aggregated five-year data from the 2017 and 2019 surveys was used to increase reliability.

The Environmental Protection Agency defines environmental justice (EJ) as “the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.” (US EPA). Historically, people of color and people of low-income, along with other vulnerable populations, have been disproportionately exposed to harmful pollutants.

See Table B-1 of the [RFP](#).



Traffic Density of Location (15 points)

Traffic Density of location: Annual Average Daily Traffic (AADT) of the proposed project area. (See AADT map in Appendix C).

- **90,001 to 195,000: 15 points**
- **42,001 to 90,000: 10 points**
- **1,600 to 42,000: 5 points**



Accessibility and Proximity to Amenities (15 points)

Accessibility and proximity to amenities: Distance to amenities such as restrooms, food, local restaurants, and retail shopping.

- **Onsite: 15 points**
- **Less than ¼ mile from amenities: 10 points**
- **¼ mile or more from amenities : 5 points**



Renewable Energy Certificates (10 points)

Renewable Energy Certificates: Percentage of electricity to power the DC fast charging station for five-years.

- | | |
|----------------------|-------------------|
| • 100%: | 10 points |
| • 50% to 99%: | 7.5 points |
| • 26% to 50%: | 5 points |
| • 1% to 25%: | 2.5 points |



Bonus Points: Historically Under-Resourced County Outreach Program (10 points)

The Historically Under-Resourced Counties Outreach Program includes counties that have an underserved population greater than 15% and are designated as Tier 1 by the NC Department of Commerce.

For projects located in one of these counties, a bonus of 10 points will be awarded.



DC Fast – Existing Site Project Scoring Criteria

Category	Maximum Points
Cost Effectiveness	20
Distance to Other DC Fast Charging Sites	20
Distance Off Interchange	15
Environmental Justice	15
Traffic Density of Location	15
Accessibility and Proximity to Amenities:	15
Bonus: Renewable Energy Certificate:	10
Bonus: Historically Under-Resourced County	10
Total Points Possible	120



DC Fast – Existing Site Project Scoring Criteria

Category	Maximum Points
Cost Effectiveness	20
Distance to Other DC Fast Charging Sites	20
Distance Off Interchange	15
Environmental Justice	15
Traffic Density of Location	15
Accessibility and Proximity to Amenities:	15
Bonus: Renewable Energy Certificate:	10
Bonus: Historically Under-Resourced County	10
Total Points Possible	120



DC Fast – Existing Site Applications

- Due date for application and all supporting materials:

July 11, 2022, by 11:59 PM EST

- Please submit all applications and supporting documentation in the DAQ Grant Management System:

<https://www.ebs.nc.gov/irj/portal>

- We will not accept paper, scanned, emailed, or faxed applications. We will not accept applications after the due date.



DC Fast – Existing Site RFP Timeline

- **Release of RFP** April 11, 2022
- **Applications open in GMS** April 11, 2022
- **Proposal applications due date** July 11, 2022
- **Proposal application evaluations** July - September 2022
- **Phase 2 project selections** October 2022
- **Grant awards announced** October 2022



DC Fast Existing Site Program Contacts

Dave Willis, Environmental Program Consultant, DC Fast Program Manager

Phone: 919-733-1482

Email: dave.willis@ncdenr.gov

Brian Phillips, Mobile Sources Compliance Branch Supervisor

Phone: 919-707-8426

Email: brian.phillips@ncdenr.gov

Robin Barrows, Allied Programs Supervisor – VW Outreach

Phone: 919-707-8445

Email: robin.barrows@ncdenr.gov



Subscribe to our VW Email List!

If you are not currently on our mailing list and would like to receive email updates about the Volkswagen Settlement Program, please send an email with the word “Subscribe” in the subject line to daq.NC_VWGrants@ncdenr.gov.





Where to get more information after today?

DC Fast Existing Sites Program RFP

<https://deq.nc.gov/VWsettlement-DCExisting-RFP>

E-mail questions to: daq.NC_VWGrants@ncdenr.gov

