



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

ELIZABETH S. BISER
Secretary

MARC RECKTENWALD
Director

**Natural Infrastructure Flood Mitigation Program (NIFMP):
Advisory Board Meeting
Draft Meeting Minutes**

August 12, 2022

Time: 11:00 am

Location: Microsoft Team

1. Attendees

Sarah Collins (NCLM)	Bill Hunt (NCSU)	Brian Radakovic (NC DOT)
Joseph Hudyncia (NCDA&CS)	William McDow (EDF)	Russ Harris (SW Commission)
Danica Schaffer-Smith (Nature Conservancy)		Bill Holman (Conservation Fund)
Noah Persons (City of Wilson)	Marlena Byrm (NCORR)	Marc Recktenwald (DMS)
Periann Russell (DMS)	Lin Xu (DMS)	

2. Marc Recktenwald started the meeting and indicated that several board members replied to his email this morning and were unable to attend the meeting. Some members did provide feedback about the presentation he was about to give. Attendee was asked to introduce himself/herself. Marc stated that he welcomes someone else to attend if the person on the board could not attend. And the board member can also bring someone else attending the meeting as well.

3. Marc started today's presentation by reviewing the board's May meeting, and he also went through today's meeting agenda.

4. Stone Creek Pilot Project

Marc provided an update on the Stoney Creek pilot project. He showed the area of concerns for flooding and explained steps of the project moving forward.

Stoney Creek Pilot Project Request for Quota (RFQ) Review and Discussion

2.5 Definitions, Acronyms, and Abbreviations

- Bill Holman asked whether all definitions were drafted by DMS. Marc stated it was a hybrid approach. DMS did use definitions developed by others and modified them for this project.
- Will McDow suggested to make connection between "Green Infrastructure" and "Nature-based Solution" in the document. Marc said that the green infrastructure is a part of nature-based solution based on EPA definitions. DMS will revise the language in this section and make connections between these two items. DMS would also like to preserve all options for the pilot project.
- Will McDow would like to see the pilot project focusing on Nature-based solutions.



North Carolina Department of Environmental Quality | Division of Mitigation Services
217 West Jones Street | 1652 Mail Service Center | Raleigh, North Carolina 27699-1652
919.707.8976

4.1 Contract Term

- The pilot will have an eight-year term, including five years of monitoring after construction.

5.2 Tasks

Task 1. Conceptual Plan and Stakeholder Engagement

- Bill Hunt asked whether the pilot project would focus on the road of Wayne Memorial Drive or the area near Wayne Memorial Hospital along the road. The project will focus on the area near Wayne Memorial Hospital.
- Will McDow asked about the need for modeling and wanted to make sure that a large amount of money was not going to be spent on this task. Marc and Periann stated all vendors submitted proposals for IFB were all familiar with all modeling works having been done for the Stoney Creek watershed.
- Bill Holman suggested modeling to be focused on future events. Periann explained the need for additional modeling for the watershed and project. She believed that the selected vendor would build models based on existing modeling efforts and make modifications and improvements. Marc envisions that the pilot project will produce a suite of measures addressing flooding issue in the Stoney Creek watershed. Some measure will be implemented with the pilot project, and other can be implemented with additional funding in the future.
- Marc stated that DMS is talking with local partners regarding long term stewardship of the project. Some money has been taken out of the contract and DMS will use those funds as seed money for long term stewardship.

Task 2. Property

- In addition to conservation easement and fee simple purchase, property options are also expended to MOA and MOU. Will McDow asked whether DMS has contact Wayne County. Marc stated that DMS did contact Wayne County.

Task 3. Final Flood Mitigation Plan and Permits

- Noah Persons asked whether the pilot project would produce a mechanism for possible future flood mitigation banks. Marc indicated any such framework will be drafted by the board.
- Bill Hunt suggested that vegetation monitoring needs to be done after at least a full vegetation growing season.
- Marc stated construction of the project would occur between task 3 and task 4.

Task 5 – 9. Monitoring and Performance

- Bill Holman asked whether the project monitoring would be done by the selected vendor or a third-party. The monitoring of the project will be done by the selected vendor.
- Will McDow asked whether hydrologic monitoring, like rainfall and discharge, would be conducted for the project. Periann stated that DMS will ask the selected vendor to develop metrics for demonstrating success of the project. Marc further stated that constructed measures, vegetation, and impact to the downstream of the project would be



monitored. DMS will certainly document the positive changes of the Stoney creek watershed result from the pilot project.

- Bill Hunt suggested that the hydrologic monitoring, especially at the edge of a property, will be useful. DMS will examine each measure individually and collectively. Periann indicated that DMS would investigate possibility of some aspect of the project to be monitored independently and possibility of working with researchers and their students.

5.3 Payment Schedule and Description of Milestones

- Will McDow suggested that payment should be task based, not receipt based. The payment for this project is task based as is standard with DMS contracting.

Attachment A: Pricing Form

- Will McDow asked how NCORR 5-million-dollar buyout funds can be used together with DEQ funds on the pilot project. Marc indicated that DMS has discussed with NCORR. One possible cooperation is for NCORR using their fund to purchase properties identified in the pilot project's conceptual plan.

5. NIFMP Updates

CBDG Grant

- MOA has been signed and it is ready to move forward.

UNC Collaborative Discussion

6. Bill Holman informed the board other efforts occurring in City of Goldsboro and Wayne County. He stated that NCORR has met with the city. Seymore Johnson air force base is developing a resiliency plan.
7. Marc provided an update on the blueprint process. The meeting was adjourned at 12:30 pm.

