

Onsite Debit Ledger and Private Mitigation Spreadsheet Reviews

The Environmental Analysis Unit (EAU), Mitigation Group (MG), Mitigation Planning Team (MPT) maintains two ledgers: the Onsite Debit Ledger (ODL) and the Private Mitigation Bank Ledger (PMBL). These ledgers track NCDOT stream, wetland, and buffer mitigation assets available to meet the compensatory mitigation requirements of NCDOT projects.

Project Managers (PMs) and Permit Specialists (PSs) are responsible for initiating an ODL/PMBL mitigation review with the MPT before submitting—or requesting the MPT to submit—a mitigation request to the Department of Environmental Quality's (DEQ) Division of Mitigation Services (DMS).

To begin an ODL/PMBL asset review, the PM or PS must send a draft DMS In-Lieu Fee Request Form (Revised December 2022) to the MPT leader and/or the staff member responsible for maintaining the ODL/PMBL.

This procedure outlines the steps MPT staff follow to maintain the ODL/PMBL after receiving a complete DMS In-Lieu Fee Request Form from Project Managers and/or Permit Specialists.

MPT Review Process:

- Review draft DMS In-Lieu Fee Request Form for accuracy and consistency.
- If the project has not been reviewed for onsite mitigation, discuss with the Project Manager/Permit Specialist and report to the MPT Leader.
- Review the ODL/PMBL for required mitigation assets.
- If required mitigation is available, notify the PM/PS's the type and amount of available mitigation and provide a written debit document for insertion into the permit application.
- If required mitigation is not available, notify the PM/PS to submit the DMS In-Lieu Fee Request Form to DMS. The MPT can submit this form at the PM/PS's request.
- To create debit documents for ODL/PMBL, include a brief description of the debited mitigation site and a table excerpt from the ODL/PMBL showing debit information, Examples 1 & 2.
- Send the debit document to MPT Leader to review accuracy.
- Forward the approved debit document to PM/PS for inclusion in the permit application.
- Document and file ALL debit information.
- Request PM/PS to provide the MPT with final permit copy to verify that permit conditions correspond to the ODL/PMBL.

Example 1: Private Bank write-up.

Bucher Mitigation Site

The Bucher Mitigation site is located at 3132 Redwood Road in Durham County NC. The mitigation site is adjacent to and within the Neuse River Basin, Hydrologic Unit Code 03020201.

NCDOT has acquired Stream Mitigation credit to offset the unavoidable impacts associated with R-2829B. Bucher mitigation site will debit their ledger 4,458 LF of credit in order to offset 2,229 LF of impacts associated with this project. The ledger is shown below:



F_TIPDebits					
PO Number	TIP	Debit Amount	Permit Date	Notes	Links
7700002012	R-2829B	4,458	2024	2,229 ln ft impacts 2:1 ratio	



Example 2: Onsite Mitigation write-up.**Jeffrey's Warehouse Mitigation Site
ONEID 096-003**

The Jeffrey's Warehouse Mitigation Site is located in Wayne County within the USGS hydrologic unit 03020201 of the Neuse River. NCDOT acquired the 93.16 acre site to mitigate for unavoidable, jurisdictional impacts associated with TIP R-1030AA. Monitoring requirements were performed from 2007 to 2011 and the site was closed out in 2012. Table 1 shows the final mitigation quantities approved for the site. The site has been placed on the NCDOT On-site Debit Ledger for use within HUC 03020201. Tables 2-6 indicate all mitigation debits that have occurred per regulatory agency approval.

In order to offset 0.035 acres of unavoidable wetland impacts associated with HE-0007B, the Jeffrey's Warehouse Mitigation Site will be debited 0.07 acres. Debit is highlighted below.

Table 1. Mitigation Quantities Approved

Mitigation Type	Debit Amount	Starting Amount	Notes
3020201 Non Riparian Wetland Restoration		16.23	
3020201 Riparian Wetland Preservation		12.36	
3020201 Riparian Wetland Restoration		3.66	
3020201 Stream Restoration		3731	
3020201 Buffer Restoration		316507	

Table 2. Mitigation Debits – Non Riparian Wetlands

Mitigation Type	Debit Amount	Status	Site TIP	Action ID#	Notes
Non Riparian Restoration	2.76	Close Out	R-2719A	2008-02460	
Non Riparian Restoration	0.92	Close Out	B-4304	2004-20510	
Non Riparian Restoration	1.96	Close Out	R-2814A&B	2008-01316	

Table 3. Mitigation Debits – Riparian Wetland Preservation

Mitigation Type	Debit Amount	Status	Site TIP	Action ID#	Notes
Riparian Wetland Preservation	3.05	Close Out	R-2814A&B	2008-01316	
Riparian Wetland Preservation	8.61	Close Out	R-2554A	2008-00252	
Riparian Wetland Preservation	0.07	Close Out	HE-0007B		0.035 ac impacts @ 2:1

Table 4. Mitigation Debits – Riparian Wetland Restoration

Mitigation Type	Debit Amount	Status	Site TIP	Action ID#	Notes
Riparian Wetland Restoration	2.49	Close Out	R-2814A&B	2008-01316	
Riparian Wetland Restoration	0.21	Close Out	R-2554A		
Riparian Wetland Restoration	0.22	Close Out	B-4659	2009-01781	2:1 Ratio
Riparian Wetland Restoration	0.3	Close Out	I-3318BB		Proposed Debit. NCDOT was required to mitigate at a 2:1 ratio
Riparian Wetland Restoration	0.44		W-5600		0.44 impacts at 1:1 ratio

Table 5. Mitigation Debits – Stream Restoration

Mitigation Type	Debit Amount	Status	Site TIP	Action ID#	Notes
Stream Restoration	452	Close Out	B-3528 226ft@2:1	2008-00153	226ft@2:1
Stream Restoration	61	Close Out	U-4011	2005-20914	
Stream Restoration	25	Close Out	U-3344A	2003-20445	
Stream Restoration	279	Close Out	EB-4993	2011-00602	
Stream Restoration	174	Close Out	R-3825a	2011-01695	

Mitigation Type	Debit Amount	Status	Site TIP	Action ID#	Notes
Stream Restoration	20	Close Out	I-5311/I-5338	2013-00068	Debit from the permit application
Stream Restoration	151	Close Out	I-5506		
Stream Restoration	83	Close Out	Bridge 277 over Black Creek on Old stage Rd (SR 1006)		Unable to find documentation to confirm
Stream Restoration	1222	Close Out	I-5700		611 @ 2:1
Stream Restoration	1105	Close Out	U-5748		552.5 ft of impacts at 2:1 ratio

Table 6. Mitigation Debits – Buffer Restoration

Mitigation Type	Debit Amount	Status	Site TIP	Action ID#	Notes
Buffer Restoration	38648	Close Out	B-4300	2004-20705	
Buffer Restoration	161453	Close Out	R-2719A	2008-02460	
Buffer Restoration	3653	Close Out	B-4304	2004-20510	
Buffer Restoration	16398	Close Out	B-4592	2008-02056	
Buffer Restoration	24458	Close Out	U-4703	2005-20126	
Buffer Restoration	45558	Close Out	U-3344A	2003-20445	