

# PORTLAND HARBOR SUPERFUND MITIGATION AND CONSERVATION BANK CREDIT / DEBIT CASE 1

## Alder Creek   Linnton Mill   PGE Harborton   Rinearson Creek

### Worksheet for Testing Multiple Development Debit and Compensatory Mitigation Credit Transactions

To determine net mitigation credit remaining and its credit dollar value from a debit/credit transaction, enter and select the information requested in each of the data entry boxes below and press the calculate buttons. Note: You are free to deviate from the drop-down options if your particular circumstances warrant it. If you want to derive the total credits available and their value for a newly established mitigation bank, make sure to enter 0-acres into the development acres input boxes. If there are any transactions that are not going to be used to generate credits or debits, enter 0 in their mitigation acres and 0 in their development acres data input boxes. Note: All transaction table buttons must be selected at least once to allow all the calculated data input query boxes to be populated and to subsequently allow a calculation of the sum statistics and for total credits remaining and their dollar values. This worksheet will be updated to accommodate any new information as it becomes available. Finally, it is important to understand that once credits have been calculated for a given mitigation bank, they are stored as a collective array of credits disassociated with the specific acreage that generated them. Therefore, credits to off-set debits are withdrawn from the entire bank, not a specific acreage or mitigation type. Finally, it is also worth noting if you enter data from some of the existing operational bank ledgers and derive different outcomes than reported in the ledgers, there are several possible explanations. For example, data entry errors can lead to different outcome results. Other factors may also include but are not necessarily limited to: 1. the number of decimal places used in data entry, 2. undocumented Chair approved changes in the final mitigation acreage calculations, 3. ledger and / or report duplication errors, 4. authorized mitigation activity omission errors, etc. The final responsibilities and authorities over mitigation bank credit allotment, tracking, and transparent reporting are relegated to the mitigation bank Chairs.

| Compensatory Mitigation Action 1  |   | Compensatory Mitigation Action 2  |   | Compensatory Mitigation Action 3  |  | Compensatory Mitigation Action 4  |   | Compensatory Mitigation Action 5  |                                    | Compensatory Mitigation Action 6  |                                    | Sum Credits                        |              |  |
|-----------------------------------|---|-----------------------------------|---|-----------------------------------|--|-----------------------------------|---|-----------------------------------|------------------------------------|-----------------------------------|------------------------------------|------------------------------------|--------------|--|
| Development Acres:                | 734.2100000004529                             | Development Acres:                | 502.51000000009515                            | Development Acres:                | 586.5000000000442                              | Development Acres:                | 320.7000000000784                             | Development Acres:                | 0                                  | Development Acres:                | 0                                  | Sum of Total Credits Required      | 2143.92      |  |
| Mitigation Acres:                 | 55.43   | Mitigation Acres:                 | 27.83   | Mitigation Acres:                 | 54.00  | Mitigation Acres:                 | 34.156  | Mitigation Acres:                 | 0                                  | Mitigation Acres:                 | 0                                  | Sum of Total Credits Cost          | 160794000.00 |  |
| Development Multiplier:           | 1.00<br><small>Low</small>                    | Development Multiplier:           | 1.00<br><small>Low</small>                    | Development Multiplier:           | 1.00<br><small>Low</small>                     | Development Multiplier:           | 1.00<br><small>Low</small>                    | Development Multiplier:           | 1.00<br><small>Low</small>         | Development Multiplier:           | 1.00<br><small>Low</small>         | Total Remaining Credits Available: | 0.00         |  |
| Mitigation Divider:               | 0.0754961114667<br><small>Restoration</small> | Mitigation Divider:               | 0.0553819824481<br><small>Restoration</small> | Mitigation Divider:               | 0.09207161125319<br><small>Restoration</small> | Mitigation Divider:               | 0.1065045213595<br><small>Restoration</small> | Mitigation Divider:               | 1.00<br><small>Restoration</small> | Mitigation Divider:               | 1.00<br><small>Restoration</small> | Total Remaining Credit Value:      | 0.00         |  |
| Price Per Credit:                 | 75000.00                                      | Price Per Credit:                 | 75000.00                                      | Price Per Credit:                 | 75000.00                                       | Price Per Credit:                 | 75000.00                                      | Price Per Credit:                 | 75000.00                           | Price Per Credit:                 | 75000.00                           | Sum Credits                        |              |  |
| Number of Credits Required:       | 734.2100000004529                             | Number of Credits Required:       | 502.51000000009515                            | Number of Credits Required:       | 586.5000000000442                              | Number of Credits Required:       | 320.7000000000784                             | Number of Credits Required:       | 0                                  | Number of Credits Required:       | 0                                  |                                    |              |  |
| Total Credit Cost:                | 55065750.00003397                             | Total Credit Cost:                | 37688250.00000714                             | Total Credit Cost:                | 43987500.000003316                             | Total Credit Cost:                | 24052500.00000588                             | Total Credit Cost:                | 0                                  | Total Credit Cost:                | 0                                  |                                    |              |  |
| Remaining Credits Available:      | 0   | Remaining Credits Available:      | 0   | Remaining Credits Available:      | 0  | Remaining Credits Available:      | 0   | Remaining Credits Available:      | 0                                  | Remaining Credits Available:      | 0                                  |                                    |              |  |
| Remaining Credit Value:           | 0   | Remaining Credit Value:           | 0   | Remaining Credit Value:           | 0  | Remaining Credit Value:           | 0   | Remaining Credit Value:           | 0                                  | Remaining Credit Value:           | 0                                  |                                    |              |  |
| <a href="#">Calculate Credits</a> |   | <a href="#">Calculate Credits</a> |   | <a href="#">Calculate Credits</a> |  | <a href="#">Calculate Credits</a> |   | <a href="#">Calculate Credits</a> |                                    | <a href="#">Calculate Credits</a> |                                    |                                    |              |  |

[Reset](#)

Author: John Marshall

Summary: About 171-acres of habitat recovery in exchange for 2,144-acres of habitat loss marketed at a value of \$160,794,000.00