

River Plan/ North Reach
Integration Task Group
April 22, 2008

Greenway Case Study 3 Port of Portland (T-5 Rail Improvements- 2006)

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|---|---|
| Project | Installation of a new rail line and related improvements at Terminal 5. A portion of the proposed improvements are located within 75-feet of the riverbank. This work area was subject greenway review and included construction of a new loop track and perimeter service road affecting approximately 45,000 sf of a grassy field. All work will occur at least 50 ft from the top of bank and no trees or native vegetation will be removed. |
| Project Value | Submitted Value: \$1,000,000 |
| Greenway Review Conditions of Approval | Planting of 12 native shrubs along the shoreline |



2006 Photo

Proposed e-overlay  **Approximate Portion of Project Site Subject to Greenway Review in 2006** 

Evaluating the Project with the Proposed e- overlay and the Fee Calculator

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| Does the proposal include disturbance in the e- overlay? | No. |
| Is a river environmental review required? | No. |

Mitigation

Part 1 of the Fee Calculator applies if the proposal requires a review. In this case no review is required .

The Mitigation Fee- Part 1 of Fee Calculator

| Part 1. A | Location | Area (sf) | Unit Cost | Mult. | Cost |
|--|----------------------------|-----------|-----------|-------|------|
| New Clearing, Grading, Paving & Structures Landward of Top of Bank | In floodplain/ wetland | | \$3.00 | 1 | \$0 |
| | Not in floodplain/ wetland | | \$1.00 | 1 | \$0 |

| Part 1. B | NRI | Proposal | Measurement (lin ft) | Unit Cost | Mult. | Cost |
|--------------------------------------|-----|----------|----------------------|-----------|-------|------|
| New Bank Treatment Below Top of Bank | H | | | \$1,500 | 1 | \$0 |

| Part 1. C | NRI | Proposal | Area (sf) | Unit Cost | Mult. | Cost |
|---------------------------|-----|----------|-----------|-----------|-------|------|
| New Over-water Structures | H | | | \$30 | 1 | \$0 |

| | | |
|--------------------------------|--|-----|
| D. SUBTOTAL (A + B + C) | | \$0 |
|--------------------------------|--|-----|

If the applicant chooses to conduct mitigation on-site, then the on-site plan will have to be roughly equivalent in cost and functionality to the restoration that would occur off-site with the fee. The review will determine if the plan meets that expectation. If the applicant chooses to conduct mitigation off-site then the Off-site Management Fee (Box E) applies and is added to the Fee Subtotal (Box D).

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|---|-----|
| E. OFF-SITE MANAGEMENT FEE (@ of amount spent off-site 20%) | \$0 |
|---|-----|

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|--------------------------------------|-----|
| F. TOTAL OFF-SITE FEE (D + E) | \$0 |
|--------------------------------------|-----|

Balance Cut & Fill- Part 2 of the Fee Calculator

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|---|--------------------|------------------|-------------|
| Applies if an applicant chooses to fulfill balance cut and fill requirements at a City restoration site | Volume (cy) | Unit Cost | Cost |
| | | \$29 | \$0 |

The Restoration Fee- Part 3 of the Fee Calculator

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|---------------------|---------------------------|
| Project Cost | 1% of Project Cost |
| \$1,000,000 | \$10,000 |

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|-------------------------------|-----------------|
| TOTAL FEE (1F + 2 + 3) | \$10,000 |
|-------------------------------|-----------------|