

## Cumulative Impacts Scenario

### 1. Habitat Restoration and Improvements

A variety of projects aimed at restoring natural habitat values have been or will be initiated in the project area. Many of these projects have been undertaken inside the park by the NPS and others have been undertaken by other agencies on lands outside of the park. For example, the NPS has initiated the following projects:

- Banducci floodplain restoration –
- Big Lagoon wetland and creek restoration –
- Red-legged frog pond development at Banducci –
- Fern Creek riparian fencing –
- Mission blue butterfly habitat restoration at Fort Baker –
- Coast Trail habitat enhancement projects – Mori Point, etc.
- Sediment reduction through trail re-alignment/rehabilitation – Dias Ridge, Pirate’s Cove, Mori Point, etc.
- Other NPS plans such as the Fire Management Plan, Vegetation Management Plan –

Other agencies have also initiated projects such as:

- Reconnect Redwood Creek to floodplain by raising Lower Muir Woods Road –
- Sediment reduction on roads and trails (MMWD) –
- SFPUC Watershed Management Plan –

### 2. Visitor Use

A variety of projects aimed at improving visitor access, information, and experience have been or will be initiated in the project area. Many of these projects have been undertaken inside the park by the NPS and others have been undertaken by other agencies or partners on lands outside of the park. For example, the NPS has initiated the following projects:

- Dog Management Plan –
- Southern Marin Equestrian Plan –
- Highway 1 ITS –
- Fort Baker Redevelopment Plan –

Other agencies or partners have also initiated projects such as:

- Marine Mammal Center renovations –
- Headlands Institute campus renovation –

### 3. Transportation Improvements

A variety of projects aimed at improving transportation within the park and in the region have been or will be initiated in the project area. Many of these projects have been undertaken inside the park by the NPS and others have been undertaken by other agencies or partners on lands outside of the park. For example, the NPS has initiated the following projects:

- Marin Headlands-Fort Baker Transportation Management Plan –

- Water shuttle service –
- Highway 1 ITS –
- Muir Woods shuttle –

Other agencies or partners have also initiated projects such as:

- Expansion of Manzanita Park-n-Ride –

#### 4. Adjacent Land Uses and Management

GGNRA and Muir Woods National Monument lands are surrounded by a variety of public and private lands with varying land uses and management. In Marin County, NPS lands are buffered to a great degree by other public lands (city, county, state) that are set aside for conservation purposes; however, management objectives and activities differ significantly. Private lands also border portions of the NPS boundary causing potential conflicts in management. In San Francisco, NPS lands are set in a highly urbanized environment, often adjacent to private and municipal lands used for residential, commercial, or even industrial purposes. In San Mateo County, NPS lands are surrounded by a patchwork of protected open space interspersed with private agricultural lands. Areas of particular interest include:

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