

From: [Aviles, Brian](#)
To: [Monroe, Mia](#)
Cc: [Aaron Roth](#); [Frank Dean](#)
Subject: Re: Amy's Presidio meeting
Date: Tuesday, February 24, 2015 11:27:21 AM

Mia,

I'll share the background for our MUWO planning:

- mandate is to preserve the resources unimpaired for future generations... When visitation increases and recreation changes -- and we see that this is affecting resources and the experience, we take action...

- 100 years of smart adaptive visitor management at MUWO: no autos in MUWO (10-years process from 1910-1920)... no fires, no camping, hardened trails, fewer bridges, no picnicking... more education & interpretation! (noncoercive)

- Rigorous methods... 2003+/- CTMP related: scholarly analysis of visitation at MUWO and ALCA developed PAOT, PPV,... [Dr. Robert Manning, Dr. Steve Lawson...]

- GMP developed broad zones with anticipated levels of use but also Indicators and Standards for MUWO and ALCA related to critical factors: social trails, crowding/congestion, noise, invasive plants, disturbance to nesting shorebirds...

- Recent developments: 4 CMS, careful deployment of staff, filtering of the plaza... roadside management in cooperation with MTSP... but still have problems...

MUWO planning for crowding & congestion...

Visitor Capacity Analysis (ORCA)... based on Manning and others -- propose 3,500-4,000/day, or ~600/hr. -- a defacto limit or planning capacity

Visitor Use Management Program...

Brian

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On Mon, Feb 23, 2015 at 11:48 AM, Monroe, Mia <mia_monroe@nps.gov> wrote:

Amy Meyer copied me on invitation for Tues Presidio meeting. Let me know how I can best provide supportive materials for these!

Visitation: 2014 up 10% over 2013 (Oct closure not factored in), some months high and others low, often depending on weather (for example, Dec 2014 had 7% less than 2013 but the holidays were like summer days and felt worse due to Highway One closure and no relief from shuttle...)

Fish: another critically low year. 2 coho redds observed, 3 steelhead redds and the hope of young of year (baby fish) can already be seen. The hatchery crew tells us the 100 tucked up

there are doing well. Carolyn's water quality work underway (see message from her on this)

mia