



SF Environment

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GAVIN NEWSOM
Mayor

JARED BLUMENFELD
Director

IPM TECHNICAL ADVISORY COMMITTEE (TAC) MEETING

Nov. 5, 2009

9:30 AM – 11:30 AM

MINUTES

Note: to view websites with more information, click underlined text below.

1. Discussion with staff of different guidelines for sustainable landscape design & maintenance

These are notes from the meeting not a detailed analysis which is being developed by Bay Friendly.

	<u>Bay Friendly Guidelines for Public Agencies</u> , Teresa Eade	<u>SF Greening Checklist (Guidelines for Sustainable Parks, Open Spaces, Streetscapes)</u> - Rick Thall, Project Manager, SF Recreation & Parks Dept.	<u>SFPUC Stormwater Guidelines Appendix D: Vegetation Palette</u> , Hayley Diamond, SFPUC
Audience	Landscape maintenance & design professionals. Property owners (public & private).	Project managers & designers of non-building projects (e.g., capital projects)	5k+ sq. ft. new development & redevelopment in SF served by separate storm sewers discharging directly to local lakes or Bay. Designers choose from suite of plans.
Goals	Rate landscapes. Certify & train designers (currently) and landscape raters (date TBA).	Provide a scorecard (standard rating system) with quantifiable goals for design & construction. Calculate equipment hours & staff labor & reduce costs.	Achieve Low Impact Design using native plant species which can save money, energy, and time because they generally: <ul style="list-style-type: none"> •Require less water and maintenance (fertilizer, pest control). •Can reduce fire hazard. •Support native wildlife
Mandatory	No	No	Yes
Will help users meet:	1. CA & local laws (e.g., CA water conservation laws). 2. Innovation credits for GreenPoint & LEED 3. Possibly others?	1. SFPUC Stormwater Guidelines 2. LEED Sustainable Sites Initiative in 2012 3. Possibly others?	1. Bay Friendly Guidelines 2. LEED Sustainable Sites Initiative in 2012 3. Possibly others?
Approach			
Soil analysis	Yes	No, because it's not currently addressed by LEED.	
Does not require temporary irrigation	Yes, because it does not make sense in CA.	No, because it's not currently addressed by LEED.	
Water budget approach that directs plant choice	Yes	No, because LEED uses a water budget approach.	

	Bay Friendly Guidelines , Teresa Eade	SF Greening Checklist (Guidelines for Sustainable Parks, Open Spaces, Streetscapes) - Rick Thall, Project Manager, SF Recreation & Parks Dept.	SFPUC Stormwater Guidelines Appendix D: Vegetation Palette, Hayley Diamond, SFPUC
Suggestions from SF IPM TAC	Please harmonize with LEED Sustainable Sites (launch date 2012).	Please include: <ol style="list-style-type: none"> 1. Plant palette for drought-tolerant native flora, not just Mediterranean flora. 2. Involve neighbors in planning landscape design so they won't vandalize the work of gardeners. 3. Guidelines on pre-emergents & pre-construction pest control. 4. CLCA's Landscape Data Manual for formulas to calculate equipment & maintenance hours. (Gardener's Guild uses its frequency schedule for bidding). 	Please include enforcement measures.
How to give feedback	teade@stopwaste.org	Rick.Thall@sfgov.org	Fill out the Stormwater Design Guidelines Comments Sheet.

Click here for list of [Plants That Do Well in Sunset Neighborhood of San Francisco](#) (from Rick Thall, SF Rec & Park)

2. City Dept. orders for UC IPM Landscape Pest ID pocket guides (with photos to identify & manage pests)

3. Potential wiki web tool to learn or share best practices for & by SF IPM TAC, Mike Millican, Pestec.

4. Group Problem-Solving on IPM issues in City-owned landscapes & buildings.

- a. Benefits of compost & compost tea
 - i. [NY Times article](#) on how compost & compost tea on 25 acres at Harvard University helped:
 1. Save \$35k/year that Harvard used to pay to truck plant debris off-campus.
 2. Save \$10k/year that Harvard used to buy compost or commercial fertilizers
 3. Reduce use of irrigation by 30%.
 - ii. [Harvard video on building a compost pile hot enough to eat weed seeds, building compost tea brewer, and brewing teas particularly suited for grass, perennials or woody plants](#)
 - iii. Rec & Park is using compost & compost tea more because it's like a like quick-release fertilizer that works better than compost on turf to eliminate fungal growth. Compost tea maker costs around \$5k.
- b. Yellowjacket in-ground nests experiment with expanding foam to fill up hive.
 - i. Reduces pesticide use (of wasp freeze).
 - ii. However, Presidio staff said the yellowjackets can still burrow out or eat through the foam.
- c. Rec & Park is trying Wild Wing Rodent Bait Module that uses 75% oatmeal & 25% plaster for rats & ground squirrels.
- d. Cannot do aeration in new Port park underground turf irrigation (6" underground) in high foot traffic area
 - i. The group suggested seeking advice from Ali Haravandi.

5. Pesticides you'd like to include in the 2010 SF Reduced-Risk Pesticide List.

- a. Email to chris.geiger@sfgov.org by 11/13/09: Names of pesticides, MSDS, label