

## EBRPD Pre-Treatment Assessment Survey

Park:	Huckleberry Botanic Regional Preserve	Date (MM/DD/YYYY)	1/11/2018	
RTA/Location:	HP003	Total Acres	1.1	Acres Surveyed:
Recorder(s):	Margaret Finch and Sam Young			
Reason for Survey:	Pre-treatment assessment			
Vegetation Management Goal (Paste from Appendix C of the MMP)	Oak-bay woodland, pallid manzanita, scattered north coastal scrub			

Vegetation Type	Proportion of Treatment Area (a)	Relative woody cover (b)	Absolute woody cover (a x b)	Alameda whipsnake PCE Habitat Type	Initials:	% Cover in Treatment Area	% Woody Cover
Northern Maritime Chaparral	100%			Yes, PCE 1			

<b>Soil Erosion Potential</b>		<input type="checkbox"/> Yes	<input type="checkbox"/> No	Initials:	
Existing Sediment Sources:					
Erosion Control Measures:		<input type="checkbox"/> Adequate	<input type="checkbox"/> Needed	Explain below	
GPS coordinates:	E:	N:	State Plane Ca III NAD83		
<b>Soil Erosion Potential</b>		<input type="checkbox"/> Yes	<input type="checkbox"/> No	Initials:	
Existing Sediment Sources:					
Erosion Control Measures:		<input type="checkbox"/> Adequate	<input type="checkbox"/> Needed	Explain below	
GPS coordinates:	E:	N:	State Plane Ca III NAD83		
<b>Soil Erosion Potential</b>		<input type="checkbox"/> Yes	<input type="checkbox"/> No	Initials:	
Existing Sediment Sources:					
Erosion Control Measures:		<input type="checkbox"/> Adequate	<input type="checkbox"/> Needed	Explain below	
GPS coordinates:	E:	N:	State Plane Ca III NAD83		

**ADDITIONAL NOTES:**



GPS coordinates:	E:	N:	State Plane Ca III NAD83
<b>New Hydrologic Features</b> <input type="checkbox"/> None <input type="checkbox"/> Present			Initials:
Type (Stream, spring, seep, etc.)		Substrate Material:	
		Water Quality (color):	
Vegetation, if present			Water Quality (clarity):
GPS coordinates:	E:	N:	State Plane Ca III NAD83
<b>New Hydrologic Features</b> <input type="checkbox"/> None <input type="checkbox"/> Present			Initials:
Type (Stream, spring, seep, etc.)		Substrate Material:	
		Water Quality (color):	
Vegetation, if present			Water Quality (clarity):
GPS coordinates:	E:	N:	State Plane Ca III NAD83
<b>New Hydrologic Features</b> <input type="checkbox"/> None <input type="checkbox"/> Present			Initials:
Type (Stream, spring, seep, etc.)		Substrate Material:	
		Water Quality (color):	
Vegetation, if present			Water Quality (clarity):
GPS coordinates:	E:	N:	State Plane Ca III NAD83
<b>New Hydrologic Features</b> <input type="checkbox"/> None <input type="checkbox"/> Present			Initials:
Type (Stream, spring, seep, etc.)		Substrate Material:	
		Water Quality (color):	
Vegetation, if present			Water Quality (clarity):
GPS coordinates:	E:	N:	State Plane Ca III NAD83
<b>New Hydrologic Features</b> <input type="checkbox"/> None <input type="checkbox"/> Present			Initials:
Type (Stream, spring, seep, etc.)		Substrate Material:	
		Water Quality (color):	
Vegetation, if present			Water Quality (clarity):
GPS coordinates:	E:	N:	State Plane Ca III NAD83
<b>New Hydrologic Features</b> <input type="checkbox"/> None <input type="checkbox"/> Present			Initials:
Type (Stream, spring, seep, etc.)		Substrate Material:	
		Water Quality (color):	
Vegetation, if present			Water Quality (clarity):
GPS coordinates:	E:	N:	State Plane Ca III NAD83
<b>ADDITIONAL NOTES:</b>			

<b>Cultural Resources Present:</b>	<input type="checkbox"/> yes <input type="checkbox"/> no	Initials:
Adequately Protected:	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> Site flagged
Description:		
Site 1 GPS coordinates:	E:	N:
Site 2 GPS coordinates:	E:	N:
Note: Coordinates are in		

Site 3 GPS coordinates:	E:	N:	State Plane Ca III NAD83
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Nesting Bird Locations					Initials:
Species:		Coordinates	E:	N:	Coordinates are in State Plane Ca III NAD83
Species:		Coordinates	E:	N:	
Species:		Coordinates	E:	N:	
Species:		Coordinates	E:	N:	

**ADDITIONAL NOTES:** Notes on AWS habitat quality and general comments (include abundance of prey species, density and amount of burrows and rock outcrops, distance to core scrub habitat and/or degree of core scrub isolation [e.g., fragmented or contiguous]). Notes on CRLF habitat presence and quality. Notes on signs of potential *P. cinnamomi* presence (aboveground symptoms, zones of dead or dying plants, location in RTA):

PCE 3 located at 37.83790, -122.18447.

<b>Vegetation Photo Point 1</b>							Initials:	
Photo Point coordinates: E:				N:		State Plane Ca III NAD83		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		

<b>Vegetation Photo Point 2</b>							Initials:	
Photo Point coordinates: E:				N:		State Plane Ca III NAD83		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		

<b>Vegetation Photo Point 3</b>							Initials:	
Photo Point coordinates: E:				N:		State Plane Ca III NAD83		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		

<b>Vegetation Photo Point 4</b>							Initials:	
Photo Point coordinates: E:				N:		State Plane Ca III NAD83		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		

<b>Vegetation Photo Point 5</b>							Initials:	
Photo Point coordinates: E:				N:		State Plane Ca III NAD83		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		

<b>Vegetation Photo Point 6</b>							Initials:	
Photo Point coordinates: E:				N:		State Plane Ca III NAD83		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		
Camera Bearing:		degrees		Time of Day:		Photo Number:		

When naming photo after downloading, use the polygon number and suffix "A" (e.g., AC001A)

### Wildlife Survey

Weather Conditions			
Temperature	54 degrees F	Cloud Cover	95% cc
Wind Speed/Direction	no wind	Precipitation	fog
Start Time	1330	Stop Time	
Observations			
Species	Time	Tally	Observations
Golden eagle (Special)			
Great blue Heron (Special)			
Red-tailed Hawk (Keystone)	1340	1	Heard calling
Great horned owl (Keystone)			
Scrub Jay (Keystone)			
Northern Flicker (Keystone)			
Nuttall's Woodpecker (Keystone, Indicator)			
Red-shouldered Hawk (Indicator)			
Hummingbird species (Indicator)	1330	4	Observed
Hutton's vireo (Indicator)			
Warbling vireo (Indicator)			
Chestnut-backed chickadee (Indicator)			
Pygmy nuthatch (Indicator)			
Wrentit (Indicator)			
California thrasher (Indicator)			
Cedar waxwing (Indicator)			
California Towhee (Indicator)			
Song sparrow (Indicator)			
House finch (Indicator)			
Coyote (Keystone Indicator)			
Dusky-footed woodrat (Keystone, Indicator)			

Species	Time	Tally	Observations
Botta's pocket gopher (Keystone, Indicator)			
California vole (Keystone)			
San Pablo Vole			
Brush Rabbit (Indicator)			
Western fence lizard (Keystone, Indicator)			
Ringnecked snake (Indicator)			
Pacific treefrog (Keystone)			
Monarch Butterfly (Special)			
Sharp-shinned Hawk			
Notes	<p>Dark-eyed junco: three observed at 1345.          Varied thrush: one observed at 1345.          Ruby-crowned kinglet: two observed at 1330.          Steller's jay: three seen and heard at 1330.</p>		

**Table 4. Exotic Plants Known to Occur in the Proposed Project Area**

Common Name	Scientific Name	Growth Form	Cal-IPC Rating <sup>1</sup>
Blackwood acacia	<i>Acacia melanoxylon</i>	Tree	Limited
Italian thistle	<i>Carduus pycnocephalus</i>	Annual herb	Moderate
Purple starthistle	<i>Centaurea calcitrapa</i>	Biennial herb	Moderate
Yellow starthistle	<i>Centaurea solstitialis</i>	Annual herb	High
Bull thistle	<i>Cirsium vulgare</i>	Biennial herb	Moderate
Poison hemlock	<i>Conium maculatum</i>	Biennial herb	Moderate
Pampas grass	<i>Cortaderia</i> spp.	Perennial herb	High
Artichoke thistle	<i>Cynara cardunculus</i>	Perennial herb	Moderate
Cape ivy	<i>Delairea odorata</i>	Perennial vine	High
Red gum	<i>Eucalyptus camaldulensis</i>	Tree	Limited
Blue gum	<i>Eucalyptus globulus</i>	Tree	Limited
Oblong spurge	<i>Euphorbia oblongata</i>	Perennial herb	Limited
French broom	<i>Genista monspessulana</i>	Shrub	High
Harding grass	<i>Phalaris aquatica</i>	Perennial herb	Moderate
Monterey pine	<i>Pinus radiata</i>	Tree	Not rated
Himalayan blackberry	<i>Rubus armeniacus</i>	Shrub/vine	High
Milk thistle	<i>Silybum marianum</i>	Annual/biennial herb	Limited

<sup>1</sup>Ratings from California Invasive Plant Inventory (Cal-IPC 2006).

Source: Adapted from WHRRMP (LSA 2009).