

PRESERVE INSPECTION SHEET
City of Roseville Open Space Preserves

PRESERVE: _____ **DATE:** _____ **INSPECTOR(S):** _____

Preserve Condition	Actions Taken (date and by whom)
Trash Accumulation?	
Fire Hazards?	
Unauthorized Construction/Fill?	
Fencing/Gates/Bollards/Signage?	
Unauthorized Motor Vehicle Use?	
Erosion/Sedimentation?	
Preserve Condition?	
Other Notes:	

FIELD DATA SHEET
Vernal Pool Flora
City of Roseville Open Space Preserves

PRESERVE: _____

DATE: _____

BIOLOGIST: _____

Vernal Pool Number/Location	Photo Number	% Vegetation Cover	Dominant Species	VPA/UIPI? Category	General Pool Notes

General Preserve Notes: (i.e. hydrologic condition off-road vehicle use, plant collection, erosion mosquitoes, vandalism, overgrazing, trampling, unauthorized fill, exotic weeds, etc.)

FIELD DATA SHEET
Vernal Pool Hydrology
City of Roseville Open Space Preserves

PRESERVE: _____ DATE: _____ BIOLOGIST: _____

Vernal Pool Number/Location	Photo Number	Percent Inundation	General Pool Notes:

General Preserve Notes: (i.e. hydrologic condition, erosion, off-road vehicle use, mosquitoes, vandalism, overgrazing, trampling, unauthorized fill, exotic weeds etc.)

OAK TREE MONITORING DATA SHEET

Preserve Name: _____

Field Investigator(s): _____

Plot Number: _____

Date: _____

TREE NUMBER: _____

TREE NUMBER: _____

SPECIES: _____

SPECIES: _____

DIAMETER (DBH): _____

DIAMETER (DBH): _____

HEIGHT ESTIMATE: _____

HEIGHT ESTIMATE: _____

STRUCTURE: Good Fair Poor

STRUCTURE: Good Fair Poor

HEALTH & VIGOR: Good Fair Poor

HEALTH & VIGOR: Good Fair Poor

Notes/Comments: _____

Notes/Comments: _____

TREE NUMBER: _____

TREE NUMBER: _____

SPECIES: _____

SPECIES: _____

DIAMETER (DBH): _____

DIAMETER (DBH): _____

HEIGHT ESTIMATE: _____

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SPECIES: _____

SPECIES: _____

DIAMETER (DBH): _____

DIAMETER (DBH): _____

HEIGHT ESTIMATE: _____

HEIGHT ESTIMATE: _____

STRUCTURE: Good Fair Poor

STRUCTURE: Good Fair Poor

HEALTH & VIGOR: Good Fair Poor

HEALTH & VIGOR: Good Fair Poor

Notes/Comments: _____

Notes/Comments: _____

Residual Dry Matter (RDM) Sampling Data Sheet

Date:

Samplers:

Estimate of RDM

RDM Sample # *	Height (in.)	Dried Wt. (g)	Dried Wt. (oz)	Lb./Acre

* T = Temporary Sample Site E = Establish Sample Site

Standard deviation:
Average RDM:
Average Height:

Residual Dry Matter (RDM) Vegetation Utilization Sampling Data Sheet

Date:

Samplers:

Estimate of Total Vegetation Utilization

Temporary Plot #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Use Class*																									

Average Utilization:

* How Use Class is Defined:

Rating	Degree of Use	Description
1 - None	0 - 15%	Little or no use of surveyed vegetation.
2 - Light	16 - 35%	Less than one-third of the surveyed vegetation shows evidence of being grazed. Trampling damage is minimal.
3 - Moderate	36 - 65%	Grazing is spotty, but evident (over one-third if the surveyed vegetation shows evidence of being grazed). Trampling damage may be evident.
4 - Heavy	66 - 80%	Surveyed vegetation is closely cropped. Trampling damage should be evident.
5 - Severe	Over 80%	Surveyed vegetation grubbed. Trampling damage should be evident.

FIELD DATA SHEET
Residual Dry Matter
City of Roseville Open Space Preserves

PRESERVE: _____ **DATE:** _____ **BIOLOGIST:** _____

Sample Number ¹	Estimate of Vegetation Utilization ²	Dry Weight of Sample	RDM ³	Photo Number	Notes:

General Preserve Notes: (i.e. hydrologic condition, erosion, mosquitoes, vandalism, overgrazing, trampling, exotic weeds, etc.)

¹ Identify each sample location on the site map and attach to data sheet.
² Use standard vegetation use classes:
1 = None 0-15%, Little or no use of surveyed vegetation.
2 = Light 16-35%, Less than 1/3 of surveyed vegetation shows evidence of being grazed. Trampling damage is minimal.
3 = Moderate 36-65%, Grazing is spotty, but evident (over 1/3 of the surveyed vegetation shows evidence of being grazed).
Trampling damage may be evident.
4 = Heavy 66-80%, Surveyed vegetation is closely cropped. Trampling damage may be evident.
5 = Severe >80%, Surveyed vegetation grubbed. Trampling damage should be evident.
³ RDM (Residual Dry Matter) = Dry Weight of Sample (grams) X 100lbs/acre.

Plot No.: _____ Date: _____ % Aerial Cover ~ Veg: _____
 Location: _____ Biologist(s): _____ Bare Ground: _____
 () Trash () Grazed by _____ if checked, circle one: Heavy Moderate Light Rocks: _____
 Overall Habitat Function: () Excellent () Good () Fair () Poor () Unknown Plant Litter: _____
 Other (specify) _____: _____

% ABSOLUTE COVER: PLANTS OBSERVED

TOTAL: 100%

_____	Achnatherum species	_____	Geranium spp.	_____	Poa annua
_____	Achyrrachaena mollis	_____	Gnaphalium luteo-album	_____	Poa bulbosa
_____	Aegilops triuncialis	_____	Gnaphalium palustre	_____	Poa pratensis
_____	Aira caryophylla	_____	Gnaphalium spp.	_____	Polypogon maritimus
_____	Alopecurus saccatus	_____	Hemizonia fitchii	_____	Polygonum arenastrum
_____	Amaranthus sp	_____	Holocarpha virgata	_____	Polygonum lapathifolium
_____	Amsinckia menziesii	_____	Hordeum brachyantherum	_____	Polygonum punctatum
_____	Anagallis arvensis	_____	Hordeum marinum	_____	Polygonum spp.
_____	Anthemis cotula	_____	Hordeum murinum	_____	Polypogon monspeliensis
_____	Aristida oligantha	_____	Hypericum perforatum	_____	Raphanus raphanistrum
_____	Avena barbata	_____	Hypochaeris glabra	_____	Raphanus ssp.
_____	Avena fatua	_____	Juncus bufonius	_____	Ranunculus muricatus
_____	Brassica nigra	_____	Juncus capitatus	_____	Rumex acetosella
_____	Briza maxima	_____	Juncus xiphioides	_____	Rumex conglomeratus
_____	Briza minor	_____	Juncus spp.	_____	Rumex crispus
_____	Brodiaea spp.	_____	Lactuca serriola	_____	Rumex pulcher
_____	Bromus carinatus	_____	Lasthenia californica	_____	Sanicula bipinnatifida
_____	Bromus diandrus	_____	Layia fremontii	_____	Senecio vulgaris
_____	Bromus hordeaceus	_____	Lathyrus hirsutus	_____	Silene gallica
_____	Calandrinia ciliata	_____	Lepidium latipes	_____	Soliva sessilis
_____	Capsella bursa-pastoris	_____	Leontodon taraxacoides	_____	Sonchus asper
_____	Carduus pycnocephalus	_____	Lepidium latifolium	_____	Sonchus oleraceus
_____	Capsella bursa-pastoris	_____	Lepidium nitidum	_____	Spergula arvensis
_____	Castilleja attenuata	_____	Limnanthes alba	_____	Spergularia ruba
_____	Castilleja campestris	_____	Limnanthes douglasii	_____	Stellaria media
_____	Castilleja exserta	_____	Lolium multiflorum	_____	Taeniatherum caput-medusae
_____	Centaurea solstitialis	_____	Lolium perenne	_____	Trichostema lanceolatum
_____	Centaureum muehlenbergii	_____	Lomatium dissectum	_____	Trifolium depauperatum
_____	Cerastium glomeratum	_____	Lotus corniculatus	_____	Trifolium dubium
_____	Chamaesyce maculata	_____	Lotus purshianus	_____	Trifolium ciliolatum
_____	Chamomilla suaveolens	_____	Lupinus bicolor	_____	Trifolium fragiferum
_____	Chlorogalum angustifolium	_____	Ludwigia peploides	_____	Trifolium fucatum
_____	Chlorogalum pomeridianum	_____	Lythrum hyssopifolium	_____	Trifolium glomeratum
_____	Cicendia quadrangularis	_____	Madia sp.	_____	Trifolium hirtum
_____	Cichorium intybus	_____	Medicago polymorpha	_____	Trifolium microdon
_____	Cirsium vulgare	_____	Mentha pulegium	_____	Trifolium subterraneum
_____	Cirsium species	_____	Mentha spp.	_____	Trifolium variegatum
_____	Clarkia purpurea	_____	Micropus californicus	_____	Trifolium willdenovii
_____	Convolvulus arvensis	_____	Microseris acuminata	_____	Trifolium spp.
_____	Cotula coronopifolia	_____	Microseris nutans	_____	Triphysaria eriantha
_____	Cuscuta howelliana	_____	Microseris spp.	_____	Triphysaria versicolor
_____	Cynodon dactylon	_____	Mimulus guttatus	_____	Triteleia hyacinthina
_____	Cynosurus echinatus	_____	Mollugo verticillata	_____	Triteleia laxa
_____	Delphinium spp.	_____	Montia fontana	_____	Veronica peregrina
_____	Deschampsia danthonioides	_____	Navarretia intertexta	_____	Veronica persica
_____	Dichelostemma capitatum	_____	Nassella pulchra	_____	Vicia sativa
_____	Echinochloa crus-galli	_____	Navarretia tagetina	_____	Vicia villosa
_____	Epilobium brachycarpum	_____	Paspalum dilatatum	_____	Vicia spp.
_____	Epilobium ciliatum	_____	Paspalum distichum	_____	Vulpia bromoides
_____	Epilobium cleistogamum	_____	Petrorhagia dubia	_____	Vulpia microstachys
_____	Epilobium densiflorum	_____	Phalaris lemmonii	_____	Vulpia myuros
_____	Epilobium pygmaeum	_____	Phalaris spp.	_____	Vulpia spp.
_____	Epilobium spp.	_____	Phyla nodiflora	_____	Wyethia angustifolia
_____	Eremocarpus setigerus	_____	Picris echioides	_____	_____
_____	Erodium botrys	_____	Pilularia americana	_____	_____
_____	Erodium cicutarium	_____	Plagiobothrys fulvus	_____	_____
_____	Erodium moschatum	_____	Plagiobothrys greenei	_____	_____
_____	Erodium spp.	_____	Plagiobothrys nothofulvus	_____	_____
_____	Eschscholzia californica	_____	Plantago coronopus	_____	_____
_____	Eschscholzia lobbii	_____	Plantago elongata	_____	_____
_____	Filago gallica	_____	Plantago erecta	_____	_____
_____	Galium spp.	_____	Plantago lanceolata	_____	_____
_____	Gastidium ventricosum	_____	Plantago major	_____	_____
_____	Geranium molle	_____	Plantago truncata ssp. firma	_____	_____
_____	Geranium dissectum	_____	Plantago spp.	_____	_____

NOTES / COMMENTS: _____

