

ESCA RP at the Former Fort Ord
Weed Management Program
Target Weed Monitoring and Treatment Field Form

Date: 1/20/2016	Time begin monitoring/treatment: 09:30	Time end monitoring/treatment: 0945
Observer(s) - please list all persons present: J. Tallis		
Weather conditions: Rainy		
General location (MRA, nearby crossroads, etc): FEG	Specific location description: Grenada Range	
Coordinates: —		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: —		
Target (or other highly invasive) weed species observed: Ice plant		
Diagnostic features observed: —		
Estimated population size:	1	2-30
31-100	101-500	>500
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<1%	1-10%
11-25%	26-50%	>50%
Surrounding vegetation type: Central Maritime Chaparral + oak woodland		
Wildlife observed in area (if relevant to weed treatment efforts): —		
Weed treatment activities: Removed 20 ice plant seedlings		
Photographs: —		
Notes, non-target weeds observed or treated: —		
Followup activities and dates:		

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Date: <u>1/20/2016</u>	Time begin monitoring/treatment: <u>10:50</u>	Time end monitoring/treatment: <u>11:15</u>
Observer(s) - please list all persons present: <u>J. Tallis</u>		
Weather conditions: <u>Cloudy, rain</u>		
General location (MRA, nearby crossroads, etc): <u>IAR</u>	Specific location description: <u>R47</u>	
Coordinates: <u>—</u>		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: <u>—</u>		
Target (or other highly invasive) weed species observed: <u>Ice plant</u>		
Diagnostic features observed: <u>All vegetative, no flowers</u>		
Estimated population size:	1	2-30
31-100	101-500	<u>>500</u>
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<u><1%</u>	1-10%
11-25%	26-50%	>50%
Surrounding vegetation type: <u>Chaparral</u>		
Wildlife observed in area (if relevant to weed treatment efforts): <u>—</u>		
Weed treatment activities: <u>—</u>		
Photographs: <u>—</u>		
Notes, non-target weeds observed or treated: <u>—</u>		
Followup activities and dates: <u>—</u>		

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Date: 3/8/2016	Time begin monitoring/treatment: 9:40	Time end monitoring/treatment: 10:40
Observer(s) - please list all persons present: J. Tallis		
Weather conditions: Clear, 60°F		
General location (MRA, nearby crossroads, etc): R47	Specific location description: IAR	
Coordinates: —		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: None		
Target (or other highly invasive) weed species observed: Ice plant Pampas grass - None in R47		
Diagnostic features observed: —		
Estimated population size:	1	2-30
31-100	101-500	>500
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<1% 0%	1-10%
11-25%	26-50%	>50%
Surrounding vegetation type: Chaparral		
Wildlife observed in area (if relevant to weed treatment efforts): —		
Weed treatment activities: Ice plant seedlings pulled when seen during survey.		
Photographs:		
Notes, non-target weeds observed or treated: One pampas grass seedling abated just outside R47. Many annuals observed: cats ear, cirsium, centaurea, London rocket (presumed).		
Followup activities and dates: Need to cover ice plant piles on to of escarpment with black plastic to prevent regrowth.		

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Date: 3/8/2016	Time begin monitoring/treatment: 1300	Time end monitoring/treatment: 1400
Observer(s) - please list all persons present: J. Tallis		
Weather conditions: Windy, ~SS°E, partly sunny		
General location (MRA, nearby crossroads, etc): FEG	Specific location description: Grenade Range	
Coordinates: —		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: None		
Target (or other highly invasive) weed species observed: Carpobrotus edulis - Minor presence Cortaderia selboana/jubata - None observed		
Diagnostic features observed: —		
Estimated population size:	1	2-30
(31-100) Carpoprotus	101-500	>500
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<1% 0%	1-10%
11-25%	26-50%	>50%
Surrounding vegetation type: Oak woodland + maritime chaparral		
Wildlife observed in area (if relevant to weed treatment efforts): —		
Weed treatment activities: None		
Photographs: No		
Notes, non-target weeds observed or treated: Senecio glauceratus abundant abundant (hundreds) Many non-native grasses and asters (e.g. cats ear) are abundant (thousands)		
Followup activities and dates: —		

ESCA RP at the Former Fort Ord
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Date: <u>4/26/2016</u>	Time begin monitoring/treatment: <u>08:30</u>	Time end monitoring/treatment: <u>0915</u>
Observer(s) - please list all persons present: <u>J Tallis + W. Ferren</u>		
Weather conditions: <u>Clear, 50's</u>		
General location (MRA, nearby crossroads, etc): <u>SEA</u>	Specific location description: <u>Blue line Rd</u>	
Coordinates: <u>—</u>		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: <u>Road</u>		
Target (or other highly invasive) weed species observed: <u>Iceplant</u>		
Diagnostic features observed: <u>flowering</u>		
Estimated population size:	1	2-30
31-100	101-500	<u>>500</u>
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<1%	1-10%
11-25%	<u>26-50%</u>	>50%
Surrounding vegetation type: <u>Maritime chaparral</u>		
Wildlife observed in area (if relevant to weed treatment efforts): <u>2 Deer</u>		
Weed treatment activities: <u>—</u>		
Photographs: <u>Yes</u>		
Notes, non-target weeds observed or treated: <u>South SEA near Watkins gate Rd w. the army has not done Iceplant eradication on their side of the NRMA fence.</u>		
Followup activities and dates:		

ESCA RP at the Former Fort Ord
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Target Weed Monitoring and Treatment Field Form

Date: 10/3/2016	Time begin monitoring/treatment: 0915	Time end monitoring/treatment: 0925
Observer(s) - please list all persons present: J. Tallis		
Weather conditions: Clear, 60°F		
General location (MRA, nearby crossroads, etc): PF	Specific location description: Watkins Gate Rd + Gigling Rd.	
Coordinates: —		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: —		
Target (or other highly invasive) weed species observed: No new weeds observed. No pampas observed.		
Diagnostic features observed: —		
Estimated population size:	1	2-30
31-100	101-500	>500
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<1%	1-10%
11-25%	26-50%	>50%
Surrounding vegetation type: Central Maritime Chaparral		
Wildlife observed in area (if relevant to weed treatment efforts): —		
Weed treatment activities: —		
Photographs: —		
Notes, non-target weeds observed or treated: Pre-existing ice plant present.		
Followup activities and dates: —		

ESCA RP at the Former Fort Ord
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Date: <u>10/3/2014</u>	Time begin monitoring/treatment: <u>10:15</u>	Time end monitoring/treatment: <u>10:30</u>
Observer(s) - please list all persons present: <u>J. Tallis</u>		
Weather conditions: <u>Partly cloudy, barely sprinkling, 68°F</u>		
General location (MRA, nearby crossroads, etc): <u>FEG</u>	Specific location description: <u>Grenade Range</u>	
Coordinates: <u>—</u>		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: <u>—</u>		
Target (or other highly invasive) weed species observed: <u>Pampas grass and ice plant</u>		
Diagnostic features observed: <u>No pampas - ice plant only vegetative</u>		
Estimated population size:	1	2-30
<u>31-100</u>	101-500	>500
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<u><1%</u>	1-10%
11-25%	26-50%	>50%
Surrounding vegetation type: <u>Central Maritime Chaparral</u>		
Wildlife observed in area (if relevant to weed treatment efforts): <u>—</u>		
Weed treatment activities: <u>Removed 15 pampas ice plant seedlings by hand.</u>		
Photographs: <u>Yes.</u>		
Notes, non-target weeds observed or treated: <u>—</u>		
Followup activities and dates: <u>—</u>		

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Date: 10/3/2016	Time begin monitoring/treatment: 1200	Time end monitoring/treatment: 12:45
Observer(s) - please list all persons present: J. Tallis		
Weather conditions: Cloudy, light rain. 70°F		
General location (MRA, nearby crossroads, etc): 17R	Specific location description: Range 47	
Coordinates: —		
Describe any ongoing human disturbance in location where infestation occurs along with any related observations: —		
Target (or other highly invasive) weed species observed: Ice plant		
Diagnostic features observed: All plants vegetative.		
Estimated population size:	1	2-30
31-100	<u>101-500</u>	>500
Proportion of population with reproductive structures (indicate buds, flowers, fruits):	<1%	1-10%
11-25%	26-50%	>50%
Surrounding vegetation type: Central Maritime Chaparral		
Wildlife observed in area (if relevant to weed treatment efforts): —		
Weed treatment activities: 20 ice plant seedlings removed		
Photographs: yes		
Notes, non-target weeds observed or treated: —		
Followup activities and dates: —		

weed

FEG Grenade Range ~~erosion~~ Monitoring + Abatement Date: 11/1/2016

All observed isopland pulled in locations on way with X.
Plants were 3-18" diameter. None were flowering or had
flowered.



Table D-1
2016 Weed Monitoring and Maintenance

2016 Annual Natural Resource Report - Appendix D

Date	MRA	Location	Type	Findings	Treatment
1/20/2016	FEG	Grenade Range	Monitoring & Treatment	-Approximately 50-100 iceplant seedlings observed.	-Removed 20 iceplant seedlings
1/20/2016	IAR	Range 47	Monitoring	-More than 500 iceplant seedlings, all non-flowering.	-Monitoring only
3/8/2016	IAR	Range 47	Monitoring & Treatment	-101-500 iceplant seedlings estimated to be present. -No pampas grass observed in Range 47. -Many weedy annuals observed, including: smooth cats ear, Cirsium vulgare, Centaurea melitensis, London rocket. -Need to cover iceplant piles on escarpment with black plastic to prevent regrowth.	-20 iceplant removed during monitoring event. -1 pampas grass seedling removed just outside Range 47.
3/8/2016	FEG	Grenade Range	Monitoring	-Ongoing iceplant presence. -No pampas grass observed. -Senecio glomeratus abundant (hundreds). Many non-native grasses and asters (e.g. hairy cats ear) are abundant (thousands).	-Monitoring only
April 2016	FEG	East and West Habitat Parcel	Monitoring	-1 pampas grass plant observed on Army land just south of the west habitat parcel. -92 French broom observed SE of Ammo Supply Point. -Veldt grass present outside MRA East and Northeast of East Habitat parcel where they have been seen in past years. None observed in FEG MRA. -7 Pampas grass plants observed.	-48 French broom seedlings pulled SE of Ammo Supply Point. Many French broom plant require a weed wrench to remove. -4 pampas grass seedlings removed.
4/26/2016	SEA	Blue Line Road	Monitoring	-Ice plant abundant along Blue Line Road. Most growth appears to be from large pre-existing mats. Ice plant is flowering. -Two deer observed. -In south Seaside MRA near Watkins Gate Road the Army has not done iceplant spraying on their side of the NRMA boundary.	-Monitoring only
10/3/2016	PF	Watkins Gate and Gigling Roads	Monitoring	-No new weeds observed. No pampas grass observed.	-Monitoring only
10/3/2016	FEG	Grenade Range	Monitoring & Treatment	-31-100 iceplant present. -No pampas grass observed.	-Removed 15 iceplant seedlings by hand.
10/3/2016	IAR	Range 47	Monitoring & Treatment	-101-500 iceplant seedlings present, all vegetative.	-Removed 20 iceplant seedlings by hand.

Table D-1
2016 Weed Monitoring and Maintenance

2016 Annual Natural Resource Report - Appendix D

Date	MRA	Location	Type	Findings	Treatment
11/1/2016	FEG	Grenade Range	Treatment	-20 iceplant seedlings removed, all vegetative. No others observed.	-Treatment only

Appendix D - Weed Monitoring and Maintenance Photo-documentation



Photograph 1

Location: Future East Garrison (FEG) Munitions Response Area (MRA); East Habitat Parcel

Description: French broom abatement east of Ammunition Supply Point ASP.

Date: 11 April 2016



Photograph 2

Location: FEG MRA; East Habitat Parcel

Description: French broom removal southeast of ASP.

Date: 13 April 2016

FORA ESCA Remediation Program

Appendix D - Weed Monitoring and Maintenance Photo-documentation



Photograph: 3

Location:

FEG MRA;
Grenade Range

Description:

Minimal target
weed presence

Date: 3 October
2016



Photograph 4

Location: Interim
Action Ranges
(IAR) MRA-Range
47-Subarea C
(south side)

Description:

Central Maritime
Chaparral after
large ice plant mats
were removed
above escarpment.

Date: 8 March 2016

FORA ESCA Remediation Program

Appendix D - Weed Monitoring and Maintenance Photo-documentation



Photograph 5

Location: Interim
Action Ranges
(IAR) MRA-Range
47-Subarea C
(south side)

Description:
Juvenile pampas
grass close to road
side

Date: 8 March 2016



Photograph 6

Location: Interim
Action Ranges
(IAR) MRA-Range
47-Subarea C (north
side)

Description: Ice
plant piles covered
in plastic in 2015
are completely dead
north of the Range
47 fence.

Date: 3 October
2016

FORA ESCA Remediation Program