

SSW Program Implementation Plan

Program Name: Noxious Weed Coordination

Team Lead: Jesse Barham

Team Participants: Jesse and Tom Otto

Desired 6 Year Outcomes:

- 1. Reduced and/or eliminate regulated noxious weed infestations on City property and ROW to prevent seed production and/or spread.**
- 2. Utilize IPM principles with a focus on educating staff and reducing pesticide use**
- 3. Ensure compliance with Resolution M-1621 (2006)**

Objectives/Strategies (from SSW Plan):

STRATEGY 2-14 – Collaborate with other departments to develop a comprehensive integrated pest management strategy to guide noxious weed control and vegetation management efforts.

STRATEGY 2-17 -Provide technical assistance to other City departments to ensure ongoing permit compliance.

STRATEGY 3-2 - Collaborate with other departments to develop a comprehensive integrated pest management strategy to guide noxious weed control and vegetation management efforts.

STRATEGY 4-23 - Transition vegetation and LID maintenance programs from Environmental Services to Stormwater Operations.

Resources/Limits Notes: Assumes Habitat Planner (planning/coordination), Senior Vegetation Program Specialist (operational support) and Vegetation Crew (on the ground field staff) are available staff.

Table 1: Objectives, Outputs, and Performance Measures

SMART Objectives	Outputs	Performance Measures/Targets
Objective 1 – Control all known noxious weed sites on City property and ROW annually.*	Output 1.1 - Reduced number of known sites (per inspections)	A - Number of known sites with noxious weeds/Less each year
		B – Hours of staff time on compliance/ Less each year

Objective 2 – Reduce amount of herbicide applied annually	Output 2.1 - Herbicide use by the City over time	A – Volume of herbicide applied per year/Less each year
	Output 2.2 – Annual report on appropriate herbicide products and amounts used for control efforts in the past year	A – Report produced annually
Objective 3 – Provide technical expertise and keep up to date with current research on species, control methods, and environmental impacts of species and control methods	Output 3.1 - Annual review of City IPM guidance re: species requiring control, methods, products, and product environmental/health risks	A – Updated policy and work plans to address new information (annually or as needed)
	Output 3.2 – Technical assistance to other City staff, Departments, and the public	A – Articles? Phone calls? Emails?
	Output 3.3 – Updated City-wide IPM plan	A - Plan produced (Timeline TBD)

*Required outcomes (e.g. permit or other regulatory nexus)

Table 2: Activities, Assignments and Timelines (*Listed in order of Priority with notes)

Activity	Sub-activities	Person(s) Responsible	Date/Order to Complete
SMART Objective 1: Control all known noxious weed sites on City property annually.			
Inspect and manage known and historic noxious weed sites on City property	A – Respond to TC Weeds reports of noxious weed locations	Habitat Planner	As needed
	B – Maintain GIS data and tracking inspection and application records with Collector	Senior Vegetation Specialist/Veg crew	Daily/Weekly during growing season
	C – Apply herbicide when appropriate	Veg Crew/Maintenance I or II	Prior to flowering/seasonally
	D – Coordinate with other Departments as needed	Habitat Planner/Senior Vegetation Program Specialist	As needed

<p>Notes: SSW coordinates contacts with TC Weeds and treatments across City properties with various departments. All applicators to be licensed by WSDA at Public Operators</p>			
<p>SMART Objective 2: Reduce amount of herbicide applied annually</p>			
<p>Track product applications by location, property type, species, and volume of product. Report each year and find alternatives to herbicide as much as possible.</p>	<p>A - Identify species, locations ESRI Collector data, TC Weeds reports, site inspections, and public/staff reporting)</p>	Habitat Planner	Annually/as needed
	<p>B - Identify best timing and methods to control each species</p>	Senior Vegetation specialist/Habitat Planner	Before (Jan-Feb) and throughout growing season (Apr-Oct)
	<p>C - Use non chemical controls</p>	City staff/Veg crews	Throughout growing season
	<p>D - Keep required records of all applications and summarize at end of growing season</p>	Maintenance Worker I (Applicators) / Senior Vegetation Specialist or Habitat Planner	During growing season (Apr- Oct) and at end of season (Oct)
	<p>E – Report season totals and consider control alternatives</p>	Habitat Planner	Oct - Jan
<p>Notes: Resolution M-1621 (2006) directs staff to reduce chemical use and report annually.</p>			
<p>SMART Objective 3: Provide technical expertise and keep up to date with current research on species, control methods, and environmental impacts of species and control methods</p>			
<p>Provide information and technical advice to staff and the public</p>	<p>A – Respond to calls/email about noxious weed control (typically direct to TC Weeds)</p>	Habitat Planner/ Senior Vegetation Specialist	As needed
	<p>B – Attend trainings read current research</p>	Habitat Planner/ Senior Vegetation Specialist/Maintenance I (Applicators)	As needed/Annually
	<p>C – Author outreach articles for City/Stream Team publications and web</p>	Senior Habitat Biologist/Habitat Planner/	Seasonally
	<p>D – Maintain Valid Public Operator License</p>	Senior Vegetation Specialist /	Annually

	with WA State Dept. of Agriculture	Maintenance Worker I (Applicators)	
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Notes: NPDES Permit Operations and Maintenance S5.C.7.d...xi. (July 1, 2019)

Other Notes: **S5.C.7.d.** Implement practices, policies, and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. No later than December 31, 2022, document the practices, policies, and procedures. Lands owned or maintained by the Permittee include, but are not limited to: streets, parking lots, roads, highways, buildings, parks, open space, road right-of-ways, maintenance yards, and stormwater treatment and flow control BMPs/facilities.

... **xi.** Application of fertilizers, pesticides, and herbicides according to the instructions for their use, including reducing nutrients and pesticides using alternatives that minimize environmental impacts

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