

99 DEC -2 AM 9 47

PROJECT STATUS REPORT

SITE: ST. JOHN'S LANDFILL
DATE: 11/8/99
SURVEY YEAR: 4

DESCRIPTION:

West Side

On the west side of the landfill, there is a high survival rate of planted natives. The growth and condition of planted conifers is exceptionally good. Blackberries and other exotic plants have been managed well over the past year and restricted to a height that will allow unhindered growth of planted natives.

There is a considerable amount of Oregon ash regeneration on the landfill side of the access road. If possible, these seedlings should be left to grow and provide additional shade to the planted area.

Planted Native Trees/Acre 200

Exotic Species Composition:		Avg. Height
<i>Rubus procerus</i>	40%	1-2'
<i>Conium maculatum</i>	15%	0-0.5'
<i>Phalaris arundaceae</i>	10%	1-2'
<i>Lactuca serriola</i>	5%	0-0.5'

Recommendations:

- Interplant area with hawthorn, Oregon ash, willows, and black cottonwood in Winter 2000.
- Cut and spray in Spring 2000. (Reassess need for treatment in Spring 2000.)
- Overseed with native grass mixture after cut & spray in Spring 2000.

North Side

On the north side, there are several issues that have resulted in a high mortality rate of planted natives. First, many of the plants have been damaged or killed by nutria or beaver. In addition, reed canary grass is the dominant ground cover and has had an impact on establishment of natives.

Planted Native Trees/Acre 240

Exotic Species Composition:		Avg. Height
<i>Phalaris arundaceae</i>	75%	3'
<i>Conium maculatum</i>	15%	0-0.5'
<i>Rubus procerus</i>	3%	1'
<i>Dipsacus sylvestris</i>	3%	0-0.5'

Recommendations:

- Interplant area with hawthorn, Oregon ash, willows, and black cottonwood in Winter 2000.
- Use large diameter poles that will reach below the reed canary grass root zone.
- Spray in Spring 2000. (Reassess need for treatment in Spring 2000.)
- Overseed with native grass mixture after spray in Spring 2000.

East Side

On the east side, there is a high mortality rate of planted natives. On the bank, the soil is extremely compacted and the grade is quite steep. Lack of water may be the primary reason for plant mortality. However, site maintenance by WRP has resulted in the release of native willows on the toe of the slope. These willows are colonizing the base of the slope and beginning to move upwards.

Planted Native Trees/Acre 144

Exotic Species Composition:		Avg. Height
<i>Rubus procerus</i>	40%	0.5'
<i>Dipsacus sylvestris</i>	5%	0-0.5'
<i>Conium maculatum</i>	10%	0-0.5'

Recommendations:

- Interplant area with hawthorn, Oregon ash, willows, and black cottonwood in Winter 2000.
- Overseed with native grass mixture in Spring 2000.

South Side

On the south side, there was also a high mortality rate. In this area, the slope is also problematic but there is the additional problem of reed-canary grass colonization. In the alluvial fan area, there is some colonization by *Carex aperta*. The majority of the other emergent plants were grazed or had difficulty with the hydrology of the site.

Planted Native Trees/Acre 209

Exotic Species Composition:		Avg. Height
<i>Rubus procerus</i>	50%	1-3'
<i>Phalaris arundaceae</i>	40%	1-2'
<i>Lactuca serriola</i>	20%	0-0.5'
<i>Dipsacus sylvestris</i>	5%	0-0.5'
<i>Conium maculatum</i>	3%	0-0.5'

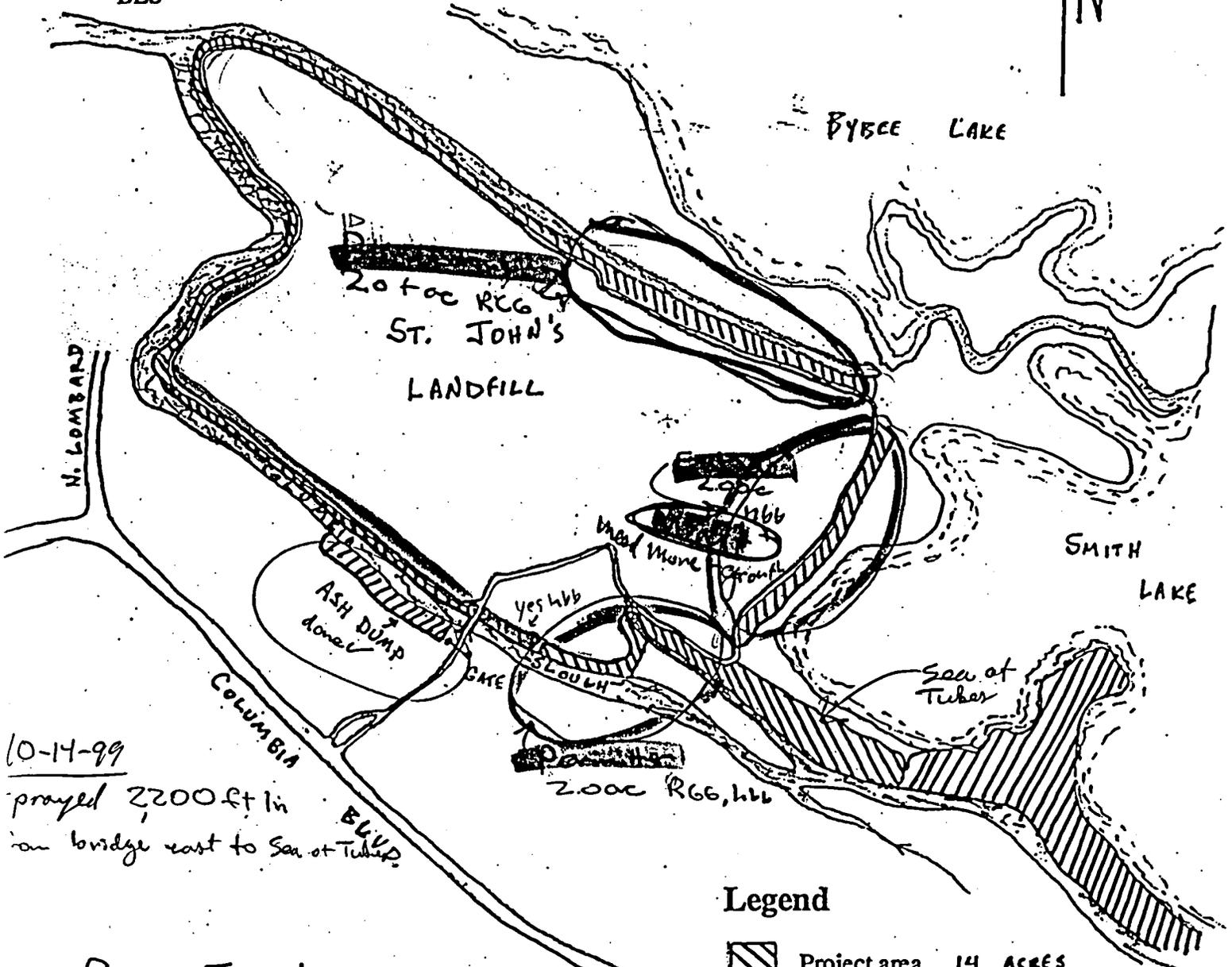
Recommendations:

- Interplant area with hawthorn, Oregon ash, willows, and black cottonwood in Winter 2000.
- Spray in Spring 2000. (Reassess need for treatment in Spring 2000.)
- Overseed with native grass mixture after spray in Spring 2000.

SS., check P. Hemlock near city gate ready?

Project Area Map

Columbia Slough Revitalization
 City of Portland
 BES



10-14-99
 prayed 2200 ft in
 on bridge east to Sea of Tubers

ST. JOHN'S

To I-5 →

PLANTING

3 ACRES	PLANTED 11/95 (Enviro-coop)
11 ACRES	PLANTED/TUBED 3/96
10 ACRES	SITE PREP SLASHED 3/96

Legend

-  Project area 14 ACRES
-  Road
-  Stream

Scale: 1" = 1000 ft

Informal Monitoring DataCard

Site Name: W. side - landfill
 Survey Date: 11/8/99

Component:
 Survey Year: 1,2,3,4,5, other _____

Surveyor(s): TQ AC AK

Observations:
 looks alot better than S. side
 good conifer survival, could add more
 ash coming up on opposite side of road - ask not to mow

Concerns:		RT:	Yes	No	Comments	Ac:	Date:	Priority:
1	<u>HBB - hard to tell if its been sprayed</u>	1	<input checked="" type="checkbox"/>					
2		2	<input checked="" type="checkbox"/>					
					<u>:max ht.?</u>			
3		3	<input checked="" type="checkbox"/>		<u>spp:</u>			
4		4			<u>Water</u>			
5		5						
6		6						
7		7						
8		8						

	<u>TPA</u>	<u>EXOTICS</u>			
	<u>100</u> <u>400</u>	<u>HBB</u>	<u>RCG</u>	<u>MomGlory</u>	<u>NightShade</u>
	<u>200</u> <u>0</u>	Ht. %	Ht. %	Ht. %	Ht. %
	<u>300</u> <u>200</u>	<u>1-2/40</u>	<u>1-2/10</u>	<input type="text"/>	<input type="text"/>
	_____	<u>Teasel</u>	<u>Thistle</u>	<u>Other</u>	<u>Other</u>
	<u>Ave. TPA:</u> <u>200</u>	Ht. %	Ht. %	<u>prickly lett.</u>	<u>conium</u>
		<input type="text"/>	<input type="text"/>	Ht. %	Ht. %
	<u>Ave. Tree Ht.:</u> _____	<input type="text"/>	<input type="text"/>	<u>0.5/15</u>	<input type="text"/>

Informal Monitoring DataCard

Site Name: N. Side landfill
 Survey Date: 11/8/99

Component:
 Survey Year: 1,2,3,4,5, other _____

Surveyor(s): TQ AC AK

Observations:
 - high mortality - esp in veg areas
 - good area to replant - veg bench

#	Concerns:	RT:	Yes	No	Comments	Ac:	Date:	Priority:
1	Conium maculatum (looks like it's already been sprayed)	1	Cut					
2		2	Spray	X				
			:max ht.?					
3		3	Interplant		spp:			
4		4	Water					
5		5						
6		6						
7		7						
8		8						

TPA
~~300~~ ~~200~~
~~200~~ ~~400~~
~~400~~ ~~600~~
~~300~~
 Ave. TPA: 240

EXOTICS
HBB
 Ht. %

1	3
---	---

Teasel
 Ht. %

0	3
---	---

RCG
 Ht. %

3	75
---	----

Thistle
 Ht. %

--	--

MomGlory
 Ht. %

--	--

Other
Conium
 Ht. %

.5	15
----	----

NightShade
 Ht. %

--	--

Other
 Ht. %

--	--

Other
 Ht. %

--	--

Ave. Tree Ht.: _____

Informal Monitoring DataCard

Site Name: East side landfill
 Survey Date: _____

Component: _____
 Survey Year: 1,2,3,4,5, other _____

Surveyor(s): _____

Observations:
 A lot of Salix moving in on its own
 Very compact / steep

#	Concerns:	RT:	Yes	No	Comments	Ac:	Date:	Priority:
1		1 Cut		X				
2		2 Spray						
		:max ht.?						
3		3 Interplant	X		spp:			
4		4 Water						
5		5						
6		6						
7		7						
8		8						

TPA
100 300
200 400
Q Q
300 Q
Q Q

Ave. TPA: 144

Ave. Tree Ht.: _____

EXOTICS

HBB RCG
 Ht. % Ht. %
.5

Teasel Thistle
 Ht. % Ht. %
Q

MomGlory
 Ht. %

Other
Conium
 Ht. %
.5

NightShade
 Ht. %

Other
 Ht. %

Other
 Ht. %

Informal Monitoring DataCard

Site Name: S. side landfill
 Survey Date: 11/8/99

Component:
 Survey Year: 1,2,3,4,5, other _____

Surveyor(s): AC TQ AK

Observations:
 high mortality
 Alluvial fan - high
 beaver damage
 grazing on emergents
 Plant - hawthorn, ash, few willows, cottonwood

Concerns:		RT:	Yes	No	Comments	Ac:	Date:	Priority:
1	HBB - hard to tell whether its been	1	Cut					
2	sprayed	2	Spray					
	RCG - " "		:max ht.?					
3		3	Interplant		spp:			
4		4	Water					
5		5						
6		6						
7		7						
8		8						

200 400 400
 100 200
 200 200
 100 200
 200 500
 Ave. TPA: 209
 Ave. Tree Ht.: _____

EXOTICS
 HBB RCG
 Ht. % Ht. %
 1-3 50 1-2 40
 Teasel Thistle
 Ht. % Ht. %
 20 _____
 died back

MomGlorv NightShade
 Ht. % Ht. %

 Other
 Prickly lett. Conium
 Ht. % Ht. %
 20 _____
 died back

Other
 Ht. %
