

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'

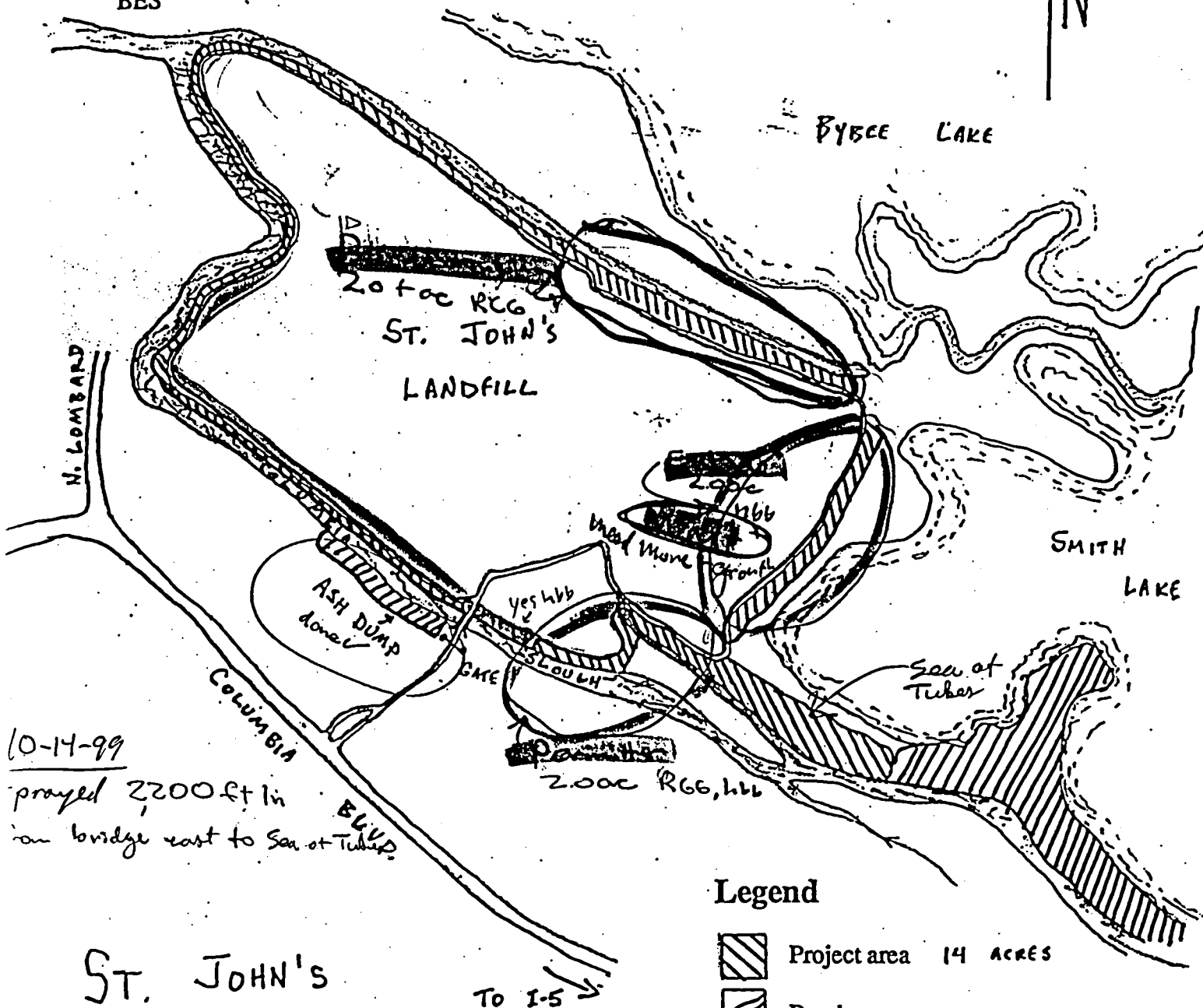
Recommendations:

- 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

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 HBB - hard to tell if its been sprayed	1 Cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
2	2 Spray	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	:max ht.?	<input type="checkbox"/>	<input type="checkbox"/>				
3	3 Interplant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	spp:			
4	4 Water	<input type="checkbox"/>	<input type="checkbox"/>				
5	5						
6	6						
7	7						
8	8						

TPA

100 400
200 0
300 200

Ave. TPA:

200

Ave. Tree Ht.:

EXOTICS

HBB

Ht. %
1-2 40

Teasel

Ht. %

RCG

Ht. %
1-2 10

Thistle

Ht. %

MomGlory

Ht. %

Other
prickly lett.

Ht. %
0 5

NightShade

Ht. %

Other
conium

Ht. %
0-5 15

Other

Ht. %

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 rcg areas
- good area to replant - rcg bench

Concerns:	RT:	Yes	No	Comments	Ac:	Date:	Priority:
1 <i>Conium maculatum</i> (looks like its 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~~ 200
200 400
400 600
~~200~~ 300
Ave. TPA: 240

EXOTICS

HBB
Ht. %
1 3

RCG
Ht. %
3 15

Teasel
Ht. %
0 3

Thistle
Ht. %
0 0

MomGlory
Ht. %
0 0

Other
Conium
Ht. %
15 15

NightShade
Ht. %
0 0

Other
Ht. %
0 0

Other
Ht. %
0 0

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:

Alot 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
2 2
300 2

Ave. TPA:

144

Ave. Tree Ht.: _____

EXOTICS

HBB
 Ht. %
.5

Teasel
 Ht. %
2

RCG
 Ht. %

Thistle
 Ht. %

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 TO AK

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

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
Ht. %
1-3 50
Teasel
Ht. %
20
died back

RCG
Ht. %
1-2 40
Thistle
Ht. %
20

MomGlory
Ht. %
Other
Prickly lett.
Ht. %
20
died back

NightShade
Ht. %
Other
Conium
Ht. %

Other
Ht. %