2 Myosotis laxa

+ Mimulus moschatus

+ Epilobium ciliata

+ Cystopteris fragilis

+ Juncus effusus

+ Rubus spectabilis

1 Poa pratensis

+ Ranunculus repens

1 Urtica dioica

+ Rosa nutkana

Lowest Carex lyngbyei

↓

Equisetum w/ Poa

+ trace of Phalaris a.

adj grs

Rhododendron aguilari

Rubus ursinus

(12) Stream to railroad wash
1-2 → 8 are wide at road

upstream single line of trees
left, moderate bed disturbance
no shade
some slow reaches
w/ carex abrupta beds

upstream from Railroad wash
completely cleared / all sun

Dominants Carex abrupta
Myosotis laxa
Mimulus moschatus
Juncus ensifolius
Stellaria longifolia
Juncus effusus
Agrostis stolonifera
Bit of Denanthe

pH in pool 6.7 ppm 60

Scirpus,
Mentha

(90)

Railroad Marsh

(13) UTM 10U368237 5493262

pH 6.8 ppm 50

Von Post 9

cattail Typhaceae

Typha latifolia

standing water w/

Lemnaceae

Myriophyllum polysep.

Oenanthe sarmentosa

Scirpus microcarpus

Carex obnupta

Mentha arv.

Sparganium americanum

Callitriche heterophylla

upper and Typha 2%

Cicuta douglasii

Juncus effusifolius

Juncus acuminatus

(91) Carex exsiccata

Eleocharis acicularis
Ranunculus flammula
Ranunculus aquatilis
Ludwigia palustris

#
2924 Glyceria occidentalis sol

200+? over 30x30m area

some open water but
mostly knee deep organic
muck

middle area

add Sparganium longiflorum
Epilobium ciliatum

several more areas of Typha

open water Potamogeton pusillus
Potamogeton epihydrus

edge grass at b.t
Stachys cordata

DURAFOLD
J. L. DARLING CORP.
TACOMA, WA 98424
No. 612

Low end open w/ Typha
Spirodela polyrhiza
Saurellania ~~lacerifloria~~
galivindata

upper W wetland not located?

(14)

drain age as marked
to series of fens in
water track w/

Carex obnupta — Dr & Ac areas + FO
Utica. Scirpus mics.
Cisima. Potasites frigidus
Mimulus moschatus
Myosotis. Juncus ensifolius
J. effusus
Saurellania lacerifloria
small pool pH 6.6 30 ppm

(15) Pickle marsh 10U 369582
5439513
higher areas dominant
Spiraea d.
(93) down to Carex sitchensis
Phalaris arun

at water edge!

2 Eleocharis palustris

3 Nuphar p.

open water, Dulichia and.

2 Juncus acuminatus

3 Potamogeton pusillus

3 Ludwigia palustris

2 Lemna minor

2 Spirodella polyrhiza

2 Torreyochloa pauciflora

+ Utricularia vulgaris

+ Sparganium emersum

+ Juncus effusus

on logs — Carex aquatilis

& hummocks

Scirpus acutus

Potamogeton palustris

also logs Epilobium ciliatum

Juncus ensifolius

DURAFILL J. L. DARLING CORP. TACOMA, WA 98424 No. 612

log cont — Mentha arvensis
Mimulus moschatus
Veronica scutellata
D<
Hypnum amygdoides

Philonotis f. — Galeocnium palustre
Lycopus uniflorus
Lysimachia thyrsiflora

no Sph. — Drosera rotundifolia

few patches Typha latifolia

center pond deep. no anchored plants
Samolus Floribunda

open Myriophyllum spicatum
Ceratophyllum sp. sayech.
Potamogeton epihydrus

(95) Beyond road to SE
↓

mostly Carex sitchensis
~80% cover
w/ associated sp as prev pg.
(1). channels w/ open water
+ assoc sps as prev.
some Typha + Phalaris lemos
Fontinalis antipyretica
on submerged logs

moss colls. →

deep pool
>2m

pH { back water 6.9 20ppm
open water 7.8 30 ppm

shore line lots of both Sarcellaia
also lots Galium trifidum

NW of road similar
large area of Spiraea
+ more Phalaris

(96)

wet way mix of / surface
Carex obnupta
C. stipata
C. brissicaria
wet but little standing water

DURA-Plate
J. L. DARLING CORP.
TACOMA, WA 98424
No. 612

Lysichiton am
Tolmiea dacoa p.

new Carex area
Sphagnum abd
Carex abd

+ usual common sps

w/ sphag - Drosera rot.

opening into bog area

w/ Ledum groenlandicum
Kalmia polifolia
Spiraea douglasii
~~Vaccinium~~ Oxycoccus o. abd
Blechnum spicant
Gaultheria shallon
Cornus canadensis
Rubus nivalis pubescens.

Pinus monticola

Bog

(97) bog gives way to C. sitchensis

pH water squeezed from peat

4.3 230 ppm >50 cm sph peat

Post — 2 ½

Back in sedge

Ranunculus flammula

pool at NW end shallow
w/ dead spiraea stalks as
SE end + same sp as
shallow part
surrounding Glades of Typha
+ Phalaris -> into C. stricta
Spiraea towards center.

at edge w/ C.S. + Oenanthe
pH 6.1 200 ppm
from duckweed.

(16) Over the hill fen

UTM 10U 369179 5489817

(78)

sedge - 100% coverage

5% Carex obnupta

3% Carex oxsiccata

2% Carex rostrata

Juncus effusus

Epilobium ciliatum

Hypericum anagalloides

Oenanthe sarmentosa

Mentha arvensis

Juncus mosciatus

90% Carex sitchensis

1% Leyscleiton.

Standing water.

pH 6.0 <10ppm

uniform sedge peat no parts id. VonPost

Bolian Tifidon 8

Sarcobaie galinalan

+bit Phalaris arund

open water Nand

add Utricularia vulgaris

large wetland SE from Railroad Marsh

(11)

UTM 10U 368642
5493167

standing water
several small open water pools

pH 6.1 30 ppm
von Post 9+

edge of pools

Dulichium arundinacea
Juncus acuminatus
Torreyochloa ?
Menyanthes trif.
Callitriche heterop

(100)

Ranunculus aquatilis
Carex exsiccata

N end dense stand of
Scirpus acutus
smaller ex sand.
scattered small stands of Typha

Potamogeton coll ?

small area of
Carex lasiocarpa
mod areas of C. rostrata
Liatris douglasii

#2925 Glyceria occidentalis coll as pures

Scutellaria galericulata
Lycopus unif. gen
(101) Carex sitchensis mod stands