

March 30, 2016

**RE: Moses Lake Mitigation Bank**

Dear Moses Lake Bank Oversight Committee Members,

This Year-14 report is being issued in order to provide an update on current site status and for compliance with the Moses Lake Wetland Mitigation Bank Instrument reporting requirements.



<b>General Site Information</b>	
<b>Mitigation Location</b>	Moses Lake, Grant County
<b>LLID Number</b>	1192723471265
<b>Monitoring Period</b>	2001 to 2020
<b>Year of Monitoring</b>	14 of 20
<b>Total Possible Credit Available</b>	5 Credits
<b>Credits Released</b>	5 Credits
<b>Credits Used</b>	1.409 Credits
<b>Credits Available</b>	3.591 Credits

WSDOT monitoring staff visited the site in the on July 22, 2015 to check on the site's status and provide information to the City of Moses Lake to help guide site management. Management recommendations include the treatment of the new Russian olive (*Elaeagnus angustifolia*) seedlings, yellow flag iris (*Iris psuedacorus*) and several patches of common reed (*Phragmites australis*) observed in the emergent wetland. In the outer buffer, Canadian thistle and kochia should be treated. The site is continuing to develop well and the trees in the enclosures are mature and appear healthy. On-site weed control efforts are intended to be performed by city staff, but the city is contracting out the in-water weed control for yellow flag iris and purple loosestrife (*Lythrum salicaria*).

We welcome your questions or comments. Please contact me at 360/570-2579 or by e-mail at [littaud@wsdot.wa.gov](mailto:littaud@wsdot.wa.gov) for questions about these mitigation sites.

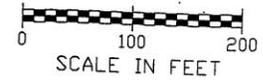
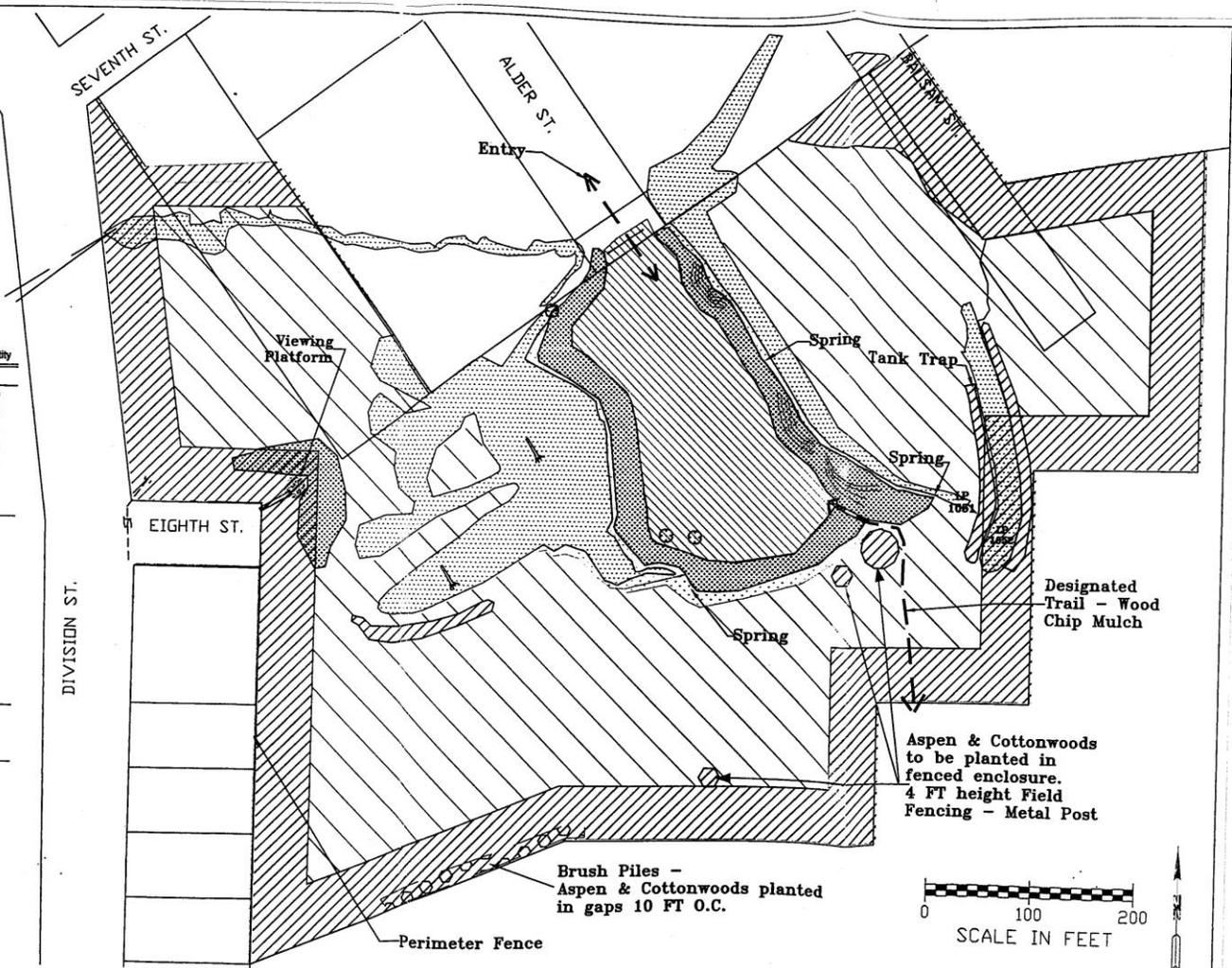
Sincerely,

Doug Littauer  
Wetlands Program

- Open Water - 1.29 Acres
- Japanese Garden - 0.91 Acres
- Emergent Wetland Enhancement - 0.15 Acres
- Buffer - 0.56 Acres
- Enclosure & Exterior Buffer - 3.25 AC
- Wetland Preservation - 6.91 AC
- Log for habitat
- Tank Trap

PLANT	Units	Spacing	Quantity
<b>Enclosures &amp; Exterior Buffer</b>			
Black cottonwood ( <i>Populus balsamifera</i> )	unrooted cuttings, 4' length	8 FT O.C.	250
Quaking Aspen ( <i>Populus tremuloides</i> )	2-0 bare root	8 FT O.C.	100
Choke Cherry ( <i>Prunus virginiana</i> )	2-0 bare root	8 FT O.C.	100
Water Birch ( <i>Betula occidentalis</i> )	2-0 bare root	8 FT O.C.	100
Willow ( <i>Salix sp</i> ) (from immediate area)	unrooted cuttings, 4' length	4 FT O.C.	250
<b>Buffer</b>			
Golden currant ( <i>Ribes aureum</i> )	2-0 bare root - 18-36" HT	4 FT O.C.	200
Serviceberry ( <i>Amelanchier alnifolia</i> )	1-1 bare root - 18-36" HT	4 FT O.C.	86
Pacific Ninebark ( <i>Physocarpus malvaceus</i> )	2-0 bare root - 18-36" HT	4 FT O.C.	131
Bald hip rose ( <i>Rosa gymnocarpa</i> )	2-0 bare root - 12-18" HT	4 FT O.C.	220
Wood's rose ( <i>Rosa woodsii</i> )	1-1 bare root - 12-18" HT	4 FT O.C.	86
Big Sagebrush ( <i>Artemisia tridentata</i> )	seed	3 # per AC	
Bitterbrush ( <i>Purshia tridentata</i> )	seed	3 # per AC	
Greasewood ( <i>Sarcobatus vermiculatus</i> )	seed	3 # per AC	
<b>Disturbed Upland Berm</b>			
Regreen	60#/acre		
<b>Emergent Wetland</b>			
<i>Scirpus validus</i>	plug	4 FT O.C.	165
<i>Scirpus acutus</i>	plug	4 FT O.C.	165

STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT  
**MARK W. MAURER**  
CERTIFICATE NO. 000598



PRINCIPAL ENGINEER:				REGION NO. 30 (STATE WASH)
PROJECT ENGINEER:				FEDERAL AID PROJECT NO.
DRAWN BY:	S. SALSBURY	3/2002		
REVIEWED BY:	M. MAURER	3/2002		
AS BUILT BY:	S. SALSBURY	3/2002		
	DATE	REVISION	BY	DATE CONTRACT NO.

Proposed: Restore and enhance wetlands  
Reference: 2000-4-00841  
Purpose: Establish a wetland mitigation bank  
App. By WSDOT, North Central Region,  
near Moses Lake, Grant County  
Sheet \_\_\_\_\_ of \_\_\_\_\_ Date: 12 December 2000

Washington State  
Department of Transportation  
**Roadside & Site  
Development**

**MOSES LAKE WETLAND  
MITIGATION BANK**  
PLANTING PLAN

**L2**  
SHEET  
OF  
SHEETS