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Springbrook Creek Wetland and Habitat Mitigation Bank Units A and B

Informal Year-2 Report
USACE 200600100

Dear Springbrook Creek Wetland and Habitat Bank Oversight Committee Members,

The Washington State Department of Transportation Wetland Monitoring Group completed qualitative monitoring at Units A and B of the Springbrook Creek Wetland and Habitat Mitigation Bank for Year 2. Monitoring activities included vegetation observations, and photo documentation. This Year-2 report is being issued to document informal monitoring results for compliance with the terms and conditions of the Final Mitigation Bank Instrument. Informal vegetation monitoring occurred on August 9th, 2010.

	General Site Information	
	USACE IP Number	200600100
	Mitigation Location	Southwest Renton, King County
	Unit A LLID Number	1222271474553
	Unit B LLID Number	1222324474518
	Monitoring Period	2009-2018
	Year of Monitoring	2 of 10

Summary of Monitoring Results and Management Activities

Year 2 Informal Monitoring Tasks	2010 Results	Management Activities
Identify populations of Japanese knotweed, purple loosestrife, English ivy and other Class A and B noxious weeds and remove.	Identification and weed control treatment achieved.	On-going Weed Control
Conduct early growing season monitoring visits to assess hydrology.	No concerns with hydrology Unit A/B in years 1 and 2.	
Conduct quarterly site visits to assess conditions and identify problems.	Completed, ongoing	Multiple weed control visits

How is the site developing?

Units A and B are developing vegetative cover at a rapid pace. The density of living native woody vegetation is extremely high. A qualitative estimate completed during 2010 monitoring activities placed aerial cover of planted areas at 70 percent in many areas. Invasive cover across the site is very low. The small amount of invasive species that are present are not currently threatening the establishment of installed native plants.

Based on these qualitative observations, Unit A/B would have achieved all of the Year-3 vegetation standards in Year-2 if that level of formal monitoring had taken place. Formal Monitoring of vegetation performance standards for Year 3 will occur in 2011 and is expected to successfully meet required standards related to vegetation (A/B-4, A/B-5B, A/B-5D).

Based on qualitative observations in the first and second years, hydrology conditions at Unit A/B are sufficient to support the wetlands on site and we anticipate that Year 3 performance standards associated with hydrology (A/B-2A and A/B-2B) will be met in Year 3 formal monitoring.

Several invasive species were observed in Units A and B during site visits in 2010. Both units contained Himalayan blackberry (*Rubus armeniacus*), as well as pale yellow iris (*Iris pseudacorus*). Japanese knotweed (*Polygonum cuspidatum*) was observed in Unit A. Work to control these weeds in Unit A occurred nine times between June and October. Weed control efforts in Unit B took place on three occasions within July and August. This work included treatment and/or removal of all Japanese knotweed, purple loosestrife, English ivy identified on site, consistent with requirements of performance standard A/B-9.

For questions about monitoring or this report please contact Tony Bush at 360-570-6640 or by email at bush@wsdot.wa.gov. For questions about the status of the bank, please contact Gretchen Lux at 360-704-6328 or by email at luxg@wsdot.wa.gov.

Sincerely,

Tony Bush
Wetland Assessment and Monitoring Program