Exhibit I: Wildlife Mitigation Monitoring and Operation and Maintenance

CRCD WILDLIFE HABITAT MITIGATION

Mitigation Infrastructure

YEAR	Manager GS-12/4 (Ind./OVH eq. 1.5x sal.)	Wildlife Biologist GS-11/4 (Ind./OVH eq. 1.5x sal.)	Admin. Assist. GS-7/4 (Ind./OVH eq. 1.5x sal.)	Wildlife Biologist GS-9/4 (Ind./OVH eq. 1.5x sal.)	Two Wildlife Biologist GS-7/4 (Ind./OVH eq. 1.5x sal.)	Two Maint. Worker WG-8 (Ind./OVH eq. 1.5x sal.)	Seasonal Maint. Worker (two)	Pickups (3 @ $4,000/yr lease	Truck w/ 16' bed & hoist $1000/mo. lease; 3 mo.	150 hp Tractor $3,000/mo. lease for 4 mo.	180 hp Tractor $3,500/mo. lease for 4 mo.	Implements for Tractors* Estimated Rental	Shop & Shop Supplies Lease bldg; buy supplies	Training	Utilities	Misc. Contracts	Office & Office Supplies/ Commun. equipment Lease	16' boat w/ motor Rental	Annual Totals
1	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
2	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
3	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
4	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
5	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
6	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
7	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
8	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
9	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
10	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
11	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
12	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
13	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
14	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
15	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
16	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
17	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
18	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
19	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
20	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
21	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
22	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
23	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
24	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
25	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
26	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
27	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
28	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
29	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
30	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
31	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
32	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
33	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
34	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
35	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
36	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
37	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
38	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
39	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
40	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
41	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
42	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
43	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
44	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
45	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
46	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
47	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
48	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
49	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565
50	$72,777	$60,720	$41,025	$50,873	$82,050	$81,080	$40,540	$12,000	$3,000	$12,000	$14,000	$20,000	$20,000	$16,000	$2,500	$60,000	$24,000	$2,000	$614,565

* Front-end loader w/bucket & forks, 9' disc mower, 12' disk, 3-pt scraper, hydraulic cylinders, 12 drill w/grass seed attachment, and other conventional agricultural implements as required.

Table . Martin Island - Monitoring and Operation and Maintenance Costs for Wildlife Mitigation.

Calendar Year	Project Year	Monitoring Costs	Contract O&M	O&M Admin. Burden/yr	Miscellaneous Costs	
2002	-2					
2003	-1					
2004	0					
2005	1		$16,000	$15;364	$2,500	O&M Contract: Blackberry removal/riparian replanting ($16,000); Misc.O&M: Signage: $2,500.
2006	2	$35,000	$16,000	$15,364		Monitor seedling establishment levels in riparian ($5,000); monitor wetland plant species composition and structure($5,000) and juvenile salmonid use ($25,000). O&M Contract: Blackberry removal/riparian replanting ($16,000).
2007	3		$16,000	$15,364		O&M Contract: Blackberry removal/riparian replanting ($16,000).
2008	4		$16,000	$15,364		O&M Contract: Blackberry removal/riparian replanting ($16,000).
2009	5		$16,000	$15,364		O&M Contract: Blackberry removal/riparian replanting ($16,000).
2010	6	$35,000	$16,000	$15,364		Monitor seedling establishment levels in riparian ($5,000); monitor wetland plant species composition and structure($5,000) and juvenile salmonid use ($25,000). O&M Contract: Blackberry removal/riparian replanting ($16,000).
2011	7		$16,000	$15,364		O&M Contract: Blackberry removal/riparian replanting ($16,000).
2012	8		$16,000	$15,364		O&M Contract: Blackberry removal/riparian replanting ($16,000).
2013	9		$16,000	$15,364		O&M Contract: Blackberry removal/riparian replanting ($16,000).
2014	10		$16,000	$15,364	$2,500	O&M Contract: Blackberry removal/riparian replanting ($16,000). Misc.O&M equal property signage.
2015	11			$15,364		
2016	12			$15,364		
2017	13			$15,364		
2018	14			$15,364		
2019	15			$15,364		
2020	16			$15,364		
2021	17			$15,364		
2022	18			$15,364		
2023	19			$15,364		
2024	20			$15,364	$2,500	Misc. O&M equal property signage.
2025	21			$15,364		
2026	22			$15,364		
2027	23			$15,364		
2028	24			$15,364		
2029	25			$15,364		
2030	26			$15,364		
2031	27			$15,364		
2032	28			$15,364		
2033	29			$15,364		
2034	30			$15,364	$2,500	Misc. O&M equal property signage.
2035	31			$15,364		
2036	32			$15,364		
2037	33			$15,364		
2038	34			$15,364		
2039	35			$15,364		
2040	36			$15,364		
2041	37			$15,364		
2042	38			$15,364		
2043	39			$15,364		
2044	40			$15,364	$2,500	Misc. O&M equal property signage.
2045	41			$15,364		
2046	42			$15,364		
2047	43			$15,364		
2048	44			$15,364		
2049	45			$15,364		

2050	46			$15,364		
2051	47			$15,364		
2052	48			$15,364		
2053	49			$15,364		
2054	50			$15,364	$2,500	Misc. O&M equal property signage.
Blackberry control/replanting in riparian forest plantings: Manual control; spot application of herbicides. Estimate						
$100/ac/yr for first ten years; 160 ac. x $100/ac = $16,000.						

Table . Woodland Bottoms - Monitoring and Operation and Maintenance Costs for Wildlife Mitigation.

Calendar Year	Project Year	Monitoring Costs	Contract O&M	O&M Admin. Burden/yr	Miscellaneous Costs	
2002	-2					
2003	-1					
2004	0					
2005	1		$16,890	$61,457	$2,500	O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540); Misc.O&M: Signage: $2,500.
2006	2	$5,000	$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540). Monitor seedling establishment levels in riparian ($5,000)
2007	3	$10,000	$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540)). HEP analysis of wetland and forage habitat development.
2008	4		$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540).
2009	5	$5,000	$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540). Monitor seedling establishment levels in riparian ($5,000)
2010	6		$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540).
2011	7		$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540).
2012	8		$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540).
2013	9		$16,890	$61,457		O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540).
2014	10		$16,890	$61,457	$2,500	O&M Contract: Blackberry removal/riparian replanting ($4,350); spring and fall fertilization ($12,540); Misc.O&M: Signage: $2,500.
2015	11		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2016	12		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2017	13		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2018	14		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2019	15		$12,540	$61,457	$20,500	O&M Contract: Spring and fall fertilization ($12,540); Misc. O&M: Replace water control structures ($20,500).
2020	16		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2021	17		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2022	18		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2023	19		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2024	20		$12,540	$61,457	$2,500	O&M Contract: Spring and fall fertilization ($12,540); Misc.O&M: Signage: $2,500.
2025	21		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2026	22		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2027	23		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2028	24		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2029	25		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2030	26		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2031	27		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2032	28		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2033	29		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2034	30		$12,540	$61,457	$23,000	O&M Contract: Spring and fall fertilization ($12,540); Misc. O&M: Replace water control structures ($20,500); Signage: $2,500.
2035	31		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2036	32		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2037	33		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2038	34		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2039	35		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2040	36		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2041	37		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).

2042	38		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2043	39		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2044	40		$12,540	$61,457	$2,500	O&M Contract: Spring and fall fertilization ($12,540); Misc.O&M: Signage: $2,500.
2045	41		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2046	42		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2047	43		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2048	44		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2049	45		$12,540	$61,457	$20,500	O&M Contract: Spring and fall fertilization ($12,540); Misc. O&M: Replace water control structures ($20,500).
2050	46		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2051	47		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2052	48		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2053	49		$12,540	$61,457		O&M Contract: Spring and fall fertilization ($12,540).
2054	50		$12,540	$61,457	$2,500	O&M Contract: Spring and fall fertilization ($12,540); Misc.O&M: Signage: $2,500.
Grass Forage Management: Contract with commercial agricult. operator.						
Fertilizer: 2 applications; fall and spring; 300 lbs/ac (100 lbs/ac actual N) in spring and 200 lbs/ac (67 lbs						
actual N) in fall. Say 33 tons/yr at $300/ton = $9900. Commerical application - $10/ac x 2 x 132 =						
2640 annually. Total fertilizer cost per year = $12,540.						
Grass mowing: Swath each fall (early October) and silage chop swaths blowing residue back onto land.						
Estimate $3,000/mo. rental each for tractor and swather plus $1000/mo. each for fuel and $3,000/mo.						
rental for silage chopper. Say $11,000 annually.						
Costs in O&M Admin. Burden.						
Blackberry control/replanting in riparian forest plantings: Manual control; spot application of herbicides. Estimate						
$100/ac/yr for first ten years; 43.5 ac. x $100/ac = $4350.						

Table . Joslin Property - Monitoring and Operation and Maintenance Costs for Wildlife Mitigation.

Calendar Year	Project Year	Monitoring Costs	Contract O&M	O&M Admin. Burden/yr	Miscellaneous Costs	
2002	-2					
2003	-1					
2004	0					
2005	1		$3,000	$30,728	$2,500	O&M Contract: Blackberry removal/riparian replanting ($3,000); Misc.O&M: Signage: $2,500.
2006	2	$5,000	$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000); Monitor seedling establishment levels in riparian ($5,000)
2007	3	$5,000	$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000). Monitoring: HEP analysis of wetland habitat.
2008	4		$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000)
2009	5	$5,000	$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000); Monitor seedling establishment levels in riparian ($5,000)
2010	6		$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000)
2011	7		$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000)
2012	8		$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000)
2013	9		$3,000	$30,728		O&M Contract: Blackberry removal/riparian replanting ($3,000)
2014	10		$3,000	$30,728	$2,500	O&M Contract: Blackberry removal/riparian replanting ($3,000); Misc.O&M: Signage: $2,500.
2015	11			$30,728		
2016	12			$30,728		
2017	13			$30,728		
2018	14			$30,728		
2019	15			$30,728	$15,000	Misc O&M: Replace pump and water control structure ($15,000).
2020	16			$30,728		
2021	17			$30,728		
2022	18			$30,728		
2023	19			$30,728		
2024	20			$30,728	$2,500	Signage: $2,500.
2025	21			$30,728		
2026	22			$30,728		
2027	23			$30,728		
2028	24			$30,728		
2029	25			$30,728		
2030	26			$30,728		
2031	27			$30,728		
2032	28			$30,728		
2033	29			$30,728		
2034	30			$30,728	$17,500	Misc O&M: Replace pump and water control structure ($15,000). Signage: $2,500.
2035	31			$30,728		
2036	32			$30,728		
2037	33			$30,728		
2038	34			$30,728		
2039	35			$30,728		
2040	36			$30,728		
2041	37			$30,728		
2042	38			$30,728		
2043	39			$30,728		
2044	40			$30,728	$2,500	Signage: $2,500.
2045	41			$30,728		
2046	42			$30,728		

2047	43			$30,728		
2048	44			$30,728		
2049	45			$30,728	$15,000	Misc O&M: Replace pump and water control structure ($15,000).
2050	46			$30,728		
2051	47			$30,728		
2052	48			$30,728		
2053	49			$30,728		
2054	50			$30,728	$2,500	Signage: $2,500.

Table . Webb - Monitoring and Operation and Maintenance Costs for Wildlife Mitigation.

Calendar Year	Project Year	Monitoring Costs	Contract O&M	O&M Admin. Burden/yr	Miscellaneous Costs	
2002	-2					
2003	-1					
2004	0					
2005	1		$4,200	$30,728	$2,500	O&M Contract: Blackberry removal/riparian replanting ($4,200); Misc.O&M: Signage: $2,500.
2006	2	$5,000	$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200); Monitor establishment levels in riparian ($5,000)
2007	3	$5,000	$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200); Monitor establishment levels in wetland ($5,000)
2008	4		$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200).
2009	5	$5,000	$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200); Monitor establishment levels in riparian ($5,000)
2010	6		$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200).
2011	7		$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200).
2012	8		$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200).
2013	9		$4,200	$30,728		O&M Contract: Blackberry removal/riparian replanting ($4,200).
2014	10		$4,200	$30,728	$2,500	O&M Contract: Blackberry removal/riparian replanting ($4,200); Misc.O&M: Signage: $2,500.
2015	11			$30,728		
2016	12			$30,728		
2017	13			$30,728		
2018	14			$30,728		
2019	15			$30,728	$25,000	Misc O&M: Replace two water control structures ($25,000).
2020	16			$30,728		
2021	17			$30,728		
2022	18			$30,728		
2023	19			$30,728		
2024	20			$30,728	$2,500	Signage: $2,500.
2025	21			$30,728		
2026	22			$30,728		
2027	23			$30,728		
2028	24			$30,728		
2029	25			$30,728		
2030	26			$30,728		
2031	27			$30,728		
2032	28			$30,728		
2033	29			$30,728		
2034	30			$30,728	$27,500	Misc O&M: Replace two water control structures ($25,000). Signage: $2,500.
2035	31			$30,728		
2036	32			$30,728		
2037	33			$30,728		
2038	34			$30,728		
2039	35			$30,728		
2040	36			$30,728		
2041	37			$30,728		
2042	38			$30,728		
2043	39			$30,728		
2044	40			$30,728	$2,500	Signage: $2,500.
2045	41			$30,728		
2046	42			$30,728		
2047	43			$30,728		
2048	44			$30,728		
2049	45			$30,728	$25,000	Misc O&M: Replace two water control structures ($25,000).

2050	46			$30,728		
2051	47			$30,728		
2052	48			$30,728		
2053	49			$30,728		
2054	50			$30,728	$2,500	Signage: $2,500.

Table . Sauvie 94 - Monitoring and Operation and Maintenance Costs for Wildlife Mitigation.

Calendar Year	Project Year	Monitoring Costs	Contract O&M	O&M Admin. Burden/yr	Miscellaneous Costs	
2002	-2					
2003	-1					
2004	0					
2005	1		$13,520	$61,457	$2,500	O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020); Misc.O&M: Signage: $2,500.
2006	2	$5,000	$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020). Monitor seedling establishment levels in riparian ($5,000)
2007	3	$10,000	$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020)). HEP analysis of wetland and forage habitat development.
2008	4		$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020).
2009	5	$5,000	$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020). Monitor seedling establishment levels in riparian ($5,000)
2010	6		$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020).
2011	7		$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020).
2012	8		$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020).
2013	9		$13,520	$61,457		O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020).
2014	10		$13,520	$61,457	$2,500	O&M Contract: Blackberry removal/riparian replanting ($2,500); spring and fall fertilization ($11,020); Misc.O&M: Signage: $2,500.
2015	11		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2016	12		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2017	13		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2018	14		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2019	15		$11,020	$61,457	$20,500	O&M Contract: Spring and fall fertilization ($11,020); Misc. O&M: Replace water control structures ($20,500).
2020	16		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2021	17		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2022	18		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2023	19		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2024	20		$11,020	$61,457	$2,500	O&M Contract: Spring and fall fertilization ($11,020); Misc.O&M: Signage: $2,500.
2025	21		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2026	22		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2027	23		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2028	24		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2029	25		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2030	26		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2031	27		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2032	28		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2033	29		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2034	30		$11,020	$61,457	$23,000	O&M Contract: Spring and fall fertilization ($11,020); Misc. O&M: Replace water control structures ($20,500); Signage: $2,500.
2035	31		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2036	32		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2037	33		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2038	34		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2039	35		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2040	36		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2041	37		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).

2042	38		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2043	39		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2044	40		$11,020	$61,457	$2,500	O&M Contract: Spring and fall fertilization ($11,020); Misc.O&M: Signage: $2,500.
2045	41		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2046	42		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2047	43		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2048	44		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2049	45		$11,020	$61,457	$20,500	O&M Contract: Spring and fall fertilization ($11,020); Misc. O&M: Replace water control structures ($20,500).
2050	46		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2051	47		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2052	48		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2053	49		$11,020	$61,457		O&M Contract: Spring and fall fertilization ($11,020).
2054	50		$11,020	$61,457	$2,500	O&M Contract: Spring and fall fertilization ($11,020); Misc.O&M: Signage: $2,500.
Grass Forage Management: Contract with commercial agricult. operator.						
Fertilizer: 2 applications; fall and spring; 300 lbs/ac (100 lbs/ac actual N) in spring and 200 lbs/ac (67 lbs						
actual N) in fall. 500 lbs/ac x116 ac = 29 tons; 29 tons/yr at $300/ton = $8700. Commerical application - $10/ac x 2 x 116 =						
2320 annually. Total fertilizer cost per year = $11,020.						
Grass mowing: Swath each fall (early October) and silage chop swaths blowing residue back onto land.						
Estimate $3,000/mo. rental each for tractor and swather plus $1000/mo. each for fuel and $3,000/mo.						
rental for silage chopper. Say $11,000 annually.						
Costs in O&M Admin. Burden.						
Blackberry control/replanting in riparian forest plantings: Manual control; spot application of herbicides. Estimate						
$100/ac/yr for first ten years; minimum contract = $2500.						