

**Attachment I**

**Raptor Nest Surveys**

**Keystone XL Project – Montana Major Facility Siting Act Application**

**Table I-1 Raptor Nest Surveys**

<b>Nest ID</b>	<b>Position</b>	<b>Approx. Milepost</b>	<b>Active or Inactive</b>	<b>Tree or Cliff</b>	<b>Species</b>	<b>Description/Comments</b>
<b>Route A : 10 Nests</b>						
1	N48.90958 W107.44976	7.6	Inactive	Tree	Unknown	Nest within old homestead
68	N48.68969 W107.04979	32.8	Inactive	Cliff	Unknown	Nest in poor condition, whitewash on cliff, swallow nests nearby
69	N48.56468 W106.36145	67.0	Inactive	Tree	Unknown	Nest in good condition
70	N48.36776 W105.22551	121.4	Inactive	Cliff	Unknown	Nest in fair condition
71	N48.30416 W104.71717	145.4	Inactive	Tree	Unknown	Nest in fair condition
72	N48.28250 W104.67186	148.0	Inactive	Tree	Unknown	Nest in fair condition
73	N48.19868 W104.34043	164.5	Inactive	Tree	Unknown	Nest in fair condition
74	N48.19832 W104.33605	164.7	Inactive	Tree	Unknown	Nest in fair condition
75	N48.10033 W104.08421	178.7	Inactive	Tree	Unknown	Nest in poor condition
76	N48.09066 W104.04654	180.5	Inactive	Tree	Unknown	Nest in poor condition
<b>Route A1A : 20 Nests</b>						
1	N48.90958 W107.44976	7.6	Inactive	Tree	Unknown	Nest within old homestead
68	N48.68969 W107.04979	32.8	Inactive	Cliff	Unknown	Nest in poor condition, whitewash on cliff, swallow nests nearby
50	N48.64978 W105.21608	119.5	Inactive	Tree	Unknown	Nest in good condition, in wind break to South
51	N48.65608 W105.12489	123.7	Inactive	Tree	Unknown	Nest in good condition
52	N48.64336 W104.69504	143.6	Inactive	Tree	Unknown	Nest in fair condition
53	N48.64336 W104.69404	143.7	Inactive	Tree	Unknown	Nest in good condition
54	N48.64917 W104.59569	148.6	Inactive	Tree	Unknown	Nest in fair condition, near house

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55	N48.64879 W104.50870	152.8	Inactive	Tree	Unknown	Nest in fair condition, in drainage
56	N48.64758 W104.48978	153.6	Inactive	Tree	Unknown	Nest in poor condition, in drainage
57	N48.62653 W104.41411	158.2	Inactive	Tree	Unknown	Nest in fair condition
58	N48.62607 W104.41205	158.2	Inactive	Tree	Unknown	Nest in poor condition
59	N48.28655 W104.38869	187.1	Inactive	Tree	Unknown	Nest in good condition
60	N48.25211 W104.33566	190.6	Inactive	Tree	Unknown	Nest in fair condition
61	N48.25175 W104.30812	191.9	Inactive	Tree	Unknown	Nest in good condition
62	N48.25338 W104.30770	191.9	Inactive	Tree	Unknown	Nest in fair condition
63	N48.25067 W104.29962	192.3	Inactive	Tree	Unknown	Nest in good condition
64	N48.25128 W104.29893	192.3	Inactive	Tree	Unknown	Nest in good condition, large stick nest
65	N48.25022 W104.16018	198.7	Inactive	Tree	Unknown	Nest in good condition
66	N48.24981 W104.09596	201.7	Inactive	Tree	Unknown	Nest in fair condition
67	N48.23108 W104.06442	203.6	Inactive	Tree	Unknown	Nest in fair condition
<b>Route B :49 nests</b>						
1	N48.90958 W107.44976	7.6	Inactive	Tree	Unknown	Nest within old homestead
2	N48.61731 W107.04775	36.1	Inactive	Tree	Unknown	Nest in good condition
3	N48.58966 W107.00020	39.2	Inactive	Tree	Unknown	~0.25 mile from CL , poor condition
4	N48.57227 W106.97458	40.9	Inactive	Tree	Unknown	~0.25 mile from CL on Willow Creek, Fair condition
5	N48.05014 W106.33791	88.8	Inactive	Tree	Unknown	Nest in poor condition, ~0.7 miles from CL, Missouri River

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6	N48.04220 W106.31042	90.0	Inactive	Tree	Unknown	Missouri River - BAEA and Osprey observed at crossing
7	N47.97831 W106.27558	94.7	Inactive	Tree	Unknown	Nest in good condition, under powerline
8	N47.95922 W106.24651	96.6	Inactive	Tree	Unknown	Nest in fair condition
9	N47.94640 W106.22633	97.8	Inactive	Tree	Unknown	Nest in good condition
10	N47.93026 W106.20324	99.5	Inactive	Tree	Unknown	Nest in fair condition
11	N47.81933 W106.04989	110.4	Inactive	Tree	Unknown	Nest in fair condition
12	N47.62420 W105.79368	128.8	Inactive	Cliff	Unknown	Nest in fair condition
13	N47.55512 W105.71098	135.0	Inactive	Tree	Unknown	Nest in fair condition
14	N47.47234 W105.61159	142.5	Inactive	Tree	Unknown	Nest in poor condition, RTHA observed nearby
15	N47.44182 W105.55946	145.8	Inactive	Tree	Unknown	Nest in good condition, RTHA observed nearby
16	N47.40702 W105.51627	149.2	Inactive	Tree	Unknown	Nest in good condition, RTHA and SWHA observed nearby
17	N47.17668 W105.25480	170.2	Inactive	Tree	Unknown	Nest in good condition
18	N47.09522 W105.17284	177.2	Inactive	Tree	Unknown	Nest in good condition, RTHA observed nearby
19	N46.66648 W104.67823	217.1	Active	Tree	Unknown	No adults observed near the nest but 4 eggs were observed in the nest.
20	N46.58979 W104.61549	223.4	Inactive	Tree	Unknown	Nest in good condition
21	N46.58970 W104.61541	223.4	Inactive	Tree	Unknown	Nest in good condition
22	N46.52418 W104.52041	229.9	Inactive	Tree	Unknown	Nest in good condition within ponderosa pine forest
23	N46.52226 W104.51933	230.0	Inactive	Tree	Unknown	Nest in good condition within ponderosa pine forest
24	N46.51852 W104.51747	230.3	Inactive	Tree	Unknown	Nest in good condition within ponderosa pine forest

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25	N46.51935 W104.51596	230.3	Inactive	Tree	Unknown	Nest in good condition within ponderosa pine forest
26	N46.50695 W104.51428	231.0	Inactive	Tree	Unknown	Nest in good condition, ~0.4 mile of CL
27	N46.51044 W104.50904	231.0	Inactive	Cliff	Unknown	Nest in poor condition
28	N46.50034 W104.47973	232.5	Inactive	Tree	Unknown	Nest in good condition
29	N46.47900 W104.45387	234.5	Inactive	Tree	Unknown	Nest in good condition, Pennel Creek
30	N46.43740 W104.39311	238.7	Inactive	Tree	Unknown	Nest in fair condition
31	N46.25214 W104.21211	255.0	Inactive	Cliff	Unknown	Nest in good condition, GOEA perched nearby
32	N46.25128 W104.21187	255.0	Inactive	Cliff	Unknown	Nest in fair condition
33	N46.24319 W104.21519	255.3	Inactive	Cliff	Unknown	Nest in fair condition
34	N46.23695 W104.22247	255.6	Inactive	Cliff	Unknown	Nest in fair condition
35	N46.23624 W104.21968	255.7	Inactive	Cliff	Unknown	Nest in fair condition, ~0.4 mile west of CL
36	N46.23479 W104.22190	255.8	Inactive	Cliff	Unknown	Nest in poor condition
37	N46.14672 W104.16838	262.4	Inactive	Cliff	Unknown	FEHA perched nearby
38	N46.12148 W104.18422	264.1	Inactive	Cliff	Unknown	Nest in fair condition
39	N46.12100 W104.18337	264.2	Inactive	Cliff	Unknown	Nest in good condition
40	N46.12038 W104.18322	264.2	Inactive	Cliff	Unknown	Nest in poor condition
41	N46.11157 W104.17091	264.9	Inactive	Cliff	Unknown	Nest in fair condition
42	N46.09891 W104.17529	265.7	Inactive	Cliff	Unknown	Nest in good condition, could be alternate nest of nest #7 (close prox)
43	N46.09449 W104.17131	266.0	Inactive	Cliff	Unknown	Nest in good condition

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44	N46.08590 W104.15891	266.8	Inactive	Cliff	Unknown	Nest in good condition, feathers present in nest
45	N46.07928 W104.14324	267.5	Inactive	Cliff	Unknown	Nest in fair condition, ~0.5 mile east of CL
46	N46.04742 W104.13458	269.8	Inactive	Cliff	Unknown	Nest in poor condition
47	N46.05097 W104.12952	269.8	Inactive	Tree	Unknown	Nest in good condition
48	N45.94141 W104.10581	277.3	Inactive	Tree	Unknown	Nest in good condition
49	N45.89724 W104.06208	281.4	Active	Tree	RTHA	Pair of RTHA flushed from nest in good condition