

Table 5A. Counts of landings by target guilds by season and operator, for process-affected ponds in 2013.

Common name	Alberta Risk Status	CNRL - Horizon		Imperial - Kearl		Shell - Jackpine	
		Spring	Fall	Spring	Fall	Spring	Fall
Greater White-fronted Goose	Secure	1	4	0	0	0	0
Snow Goose	Secure	0	1	0	0	0	0
Canada Goose	Secure	134	61	52	4	0	0
Gadwall	Secure	12	1	0	1	0	0
American Wigeon	Secure	52	13	3	3	0	0
Mallard	Secure	174	579	215	10	4	0
Blue-winged Teal	Secure	10	0	0	0	0	0
Northern Shoveler	Secure	131	24	10	0	0	0
Northern Pintail	Sensitive	70	4	3	0	2	0
Green-winged Teal	Sensitive	70	151	23	3	0	0
UNK Dabbling		13	59	12	2	9	0
UNK Dabbling Non-duck		0	0	6	0	0	0
UNK Goose		0	0	0	0	0	0
Canvasback	Secure	92	0	18	0	0	0
Redhead	Secure	9	4	0	2	0	0
Ring-necked Duck	Secure	25	36	10	0	0	0
Greater Scaup	Secure	112	4	4	9	0	0
Lesser Scaup	Sensitive	119	1	99	16	3	0
Surf Scoter	Secure	21	0	0	1	6	0
Long-tailed Duck	Secure	40	0	0	0	0	0
Bufflehead	Secure	12	19	70	5	2	0
Common Goldeneye	Secure	74	146	310	36	0	0
Hooded Merganser	Secure	0	0	0	2	0	0
Common Merganser	Secure	0	3	1	1	2	0
Red-breasted Merganser	Secure	0	0	0	0	0	0
Ruddy Duck	Secure	92	2	11	7	0	0
Common Loon	Secure	11	0	126	9	0	0
Pied-billed Grebe	Sensitive	0	1	0	2	0	0
Western Grebe	Special Concern	1	0	0	0	0	0
American White Pelican	Sensitive	1	0	0	0	0	0
Double-crested Cormorant	Secure	0	1	0	0	0	0
Black Tern	Sensitive	0	0	0	3	0	0
Common Tern	Secure	0	0	1	50	0	0
Belted Kingfisher	Secure	0	0	0	0	0	0
Eared Grebe	Secure	48	0	0	11	0	2
Horned Grebe	Sensitive	18	0	7	15	0	0
Red-necked Grebe	Secure	17	1	16	3	0	0
UNK Diver		0	4	0	0	0	0
UNK Diver Duck		3	8	267	2	5	2
UNK Duck		5	21	1	0	0	0
UNK Grebe		0	0	0	0	0	0
UNK Merganser		0	1	0	0	0	0
UNK Scaup		475	36	0	0	3	0
Great Blue Heron	Sensitive	0	0	2	0	0	0
American Coot	Secure	7	0	11	0	0	0
Sandhill Crane	Sensitive	4	7	21	0	0	0
Black-bellied Plover	Secure	15	14	0	0	0	0
American Golden-Plover	Secure	16	22	0	1	0	0
Semipalmated Plover	Secure	0	262	0	8	0	0
Killdeer	Secure	32	103	69	118	0	0
American Avocet	Secure	13	0	0	0	0	0
Spotted Sandpiper	Secure	58	72	17	22	0	0
Solitary Sandpiper	Secure	1	10	1	25	0	0

Common name	Alberta Risk Status	CNRL - Horizon		Imperial - Kearl		Shell - Jackpine	
		Spring	Fall	Spring	Fall	Spring	Fall
Greater Yellowlegs	Secure	0	117	3	11	0	0
Lesser Yellowlegs	Secure	6	161	21	62	0	0
Marbled Godwit	Secure	0	2	0	0	0	0
Ruddy Turnstone	Secure	5	0	0	0	0	0
Sanderling	Secure	0	3	0	66	0	0
Semipalmated Sandpiper	Secure	29	109	10	205	0	0
Least Sandpiper	Secure	0	59	0	22	0	0
Baird's Sandpiper	Secure	0	9	0	91	0	0
Pectoral Sandpiper	Secure	12	106	0	12	0	0
Dunlin	Secure	0	0	0	0	0	0
Stilt Sandpiper	Secure	6	5	0	0	0	0
Short-billed Dowitcher	Undetermined	2	1	0	0	0	0
Wilson's Phalarope	Secure	3	1	0	0	0	0
Red-necked Phalarope	Secure	9	20	0	0	0	0
UNK Calidris		50	862	0	2	0	8
UNK Dowitcher		2	77	0	0	0	0
UNK Phalarope		0	2	0	0	0	0
UNK Plover		1	32	0	0	0	0
UNK Sandpiper		3	21	12	34	0	3
UNK Shorebird		72	418	25	33	6	0
UNK Yellowlegs		51	163	0	4	0	13
Bald Eagle	Sensitive	0	0	1	0	0	0
Northern Harrier	Sensitive	2	14	0	0	0	0
Rough-legged Hawk	Secure	0	1	0	0	0	0
American Kestrel	Sensitive	1	3	0	0	0	0
Merlin	Secure	0	1	0	0	0	0
UNK Depredates		0	1	0	1	0	0
Tree Swallow	Secure	1	0	6	1	0	0
Bank Swallow	Secure	0	0	0	6	0	0
Cliff Swallow	Secure	2	0	2	0	0	0
Barn Swallow	Sensitive	1	3	16	19	0	0
UNK Swallow		0	0	6	0	0	0
Northern Flicker	Secure	0	0	0	0	0	0
White-throated Sparrow	Secure	0	0	0	0	0	0
UNK Gleans		0	0	1	0	0	0
Sharp-tailed Grouse	Sensitive	0	0	0	0	0	0
Eastern Phoebe	Sensitive	0	0	0	0	0	0
Horned Lark	Secure	30	42	0	175	1	0
American Robin	Secure	0	1	3	6	0	0
European Starling	Exotic	0	0	0	0	0	0
American Pipit	Secure	0	113	0	58	0	1
Chipping Sparrow	Secure	0	0	0	0	0	0
Savannah Sparrow	Secure	5	11	1	34	0	0
Song Sparrow	Secure	0	0	1	3	0	0
Lapland Longspur	Secure	22	0	0	476	0	0
Snow Bunting	Secure	112	148	41	34	3	0
Red-winged Blackbird	Secure	0	1	0	4	0	0
Rusty Blackbird	Sensitive	0	0	2	36	0	0
Brewer's Blackbird	Secure	0	1	3	52	0	0
Common Grackle	Secure	0	0	0	0	0	0
Le Conte's Sparrow	Secure	0	0	0	3	0	0
Clay-colored Sparrow	Secure	1	0	0	9	0	0
Yellow-headed Blackbird	Secure	0	0	3	2	0	0

Common name	Alberta Risk Status	CNRL - Horizon		Imperial - Kearl		Shell - Jackpine	
		Spring	Fall	Spring	Fall	Spring	Fall
Purple Finch	Secure	0	0	0	1	0	0
UNK Blackbird		0	4	0	5	0	0
UNK Passerine		10	308	0	5	0	2
UNK Pecks		0	0	1	110	0	0
UNK Sparrow		1	25	0	6	0	0
Ring-billed Gull	Secure	4	1	161	30	0	0
California Gull	Secure	2	0	385	578	0	0
Herring Gull	Secure	16	28	0	0	0	0
Franklin's Gull	Secure	2	4	1	5	0	0
Black-billed Magpie	Secure	0	4	0	1	0	0
American Crow	Secure	0	0	0	0	0	0
Common Raven	Secure	72	180	20	145	2	7
Gray Jay	Secure	0	0	0	2	0	0
Bonaparte's Gull	Secure	1	0	209	196	0	0
UNK BH Gull		4	0	0	0	0	0
UNK Gull		6	280	21	1	1	10
Grand Total		2534	5017	2341	2917	49	48

Common name	Alberta Risk Status	Shell - Muskeg River		Suncor - Base		Syncrude - Aurora	
		Spring	Fall	Spring	Fall	Spring	Fall
Greater White-fronted Goose	Secure	0	3	0	0	0	0
Snow Goose	Secure	0	2	2	1	0	0
Canada Goose	Secure	2	19	9	5	1	0
Gadwall	Secure	0	0	8	127	0	0
American Wigeon	Secure	0	1	69	146	0	0
Mallard	Secure	0	0	45	264	0	0
Blue-winged Teal	Secure	0	0	3	258	0	0
Northern Shoveler	Secure	3	0	25	0	0	0
Northern Pintail	Sensitive	0	0	4	0	3	0
Green-winged Teal	Sensitive	0	0	38	220	0	2
UNK Dabbling		0	0	7	0	35	2
UNK Dabbling Non-duck		0	0	7	0	0	0
UNK Goose		0	0	0	0	31	0
Canvasback	Secure	0	0	208	32	0	0
Redhead	Secure	0	0	22	3	0	0
Ring-necked Duck	Secure	0	0	17	150	19	0
Greater Scaup	Secure	0	0	55	0	0	0
Lesser Scaup	Sensitive	0	0	46	36	3	0
Surf Scoter	Secure	0	0	0	0	0	0
Long-tailed Duck	Secure	0	0	9	0	11	0
Bufflehead	Secure	0	0	259	289	1	0
Common Goldeneye	Secure	0	0	186	33	41	0
Hooded Merganser	Secure	0	0	0	0	0	0
Common Merganser	Secure	0	0	0	14	0	0
Red-breasted Merganser	Secure	0	0	0	6	0	0
Ruddy Duck	Secure	0	0	2	330	0	0
Common Loon	Secure	0	0	8	0	23	0
Pied-billed Grebe	Sensitive	0	0	8	0	0	0
Western Grebe	Special Concern	0	0	0	0	2	1
American White Pelican	Sensitive	0	0	0	0	0	0
Double-crested Cormorant	Secure	0	0	0	1	0	0
Black Tern	Sensitive	0	0	1	0	0	0
Common Tern	Secure	0	0	6	3	0	0
Belted Kingfisher	Secure	0	0	0	1	0	0
Eared Grebe	Secure	0	0	0	0	0	0
Horned Grebe	Sensitive	0	0	0	0	0	0
Red-necked Grebe	Secure	0	1	3	2	0	0
UNK Diver		0	0	15	0	4	1
UNK Diver Duck		4	0	11	0	90	0
UNK Duck		0	0	0	0	22	0
UNK Grebe		0	0	0	0	0	0
UNK Merganser		0	0	0	0	0	0
UNK Scaup		0	0	2	0	0	0
Great Blue Heron	Sensitive	0	0	0	0	0	0
American Coot	Secure	0	0	3	8	0	0
Sandhill Crane	Sensitive	0	0	0	0	0	0
Black-bellied Plover	Secure	0	0	0	0	0	0
American Golden-Plover	Secure	0	0	0	0	0	0
Semipalmated Plover	Secure	0	0	0	0	15	0
Killdeer	Secure	0	0	31	54	0	0
American Avocet	Secure	0	0	0	0	0	0
Spotted Sandpiper	Secure	0	0	1	3	0	0
Solitary Sandpiper	Secure	0	0	0	0	0	0

Common name	Alberta Risk Status	Shell - Muskeg River		Suncor - Base		Syncrude - Aurora	
		Spring	Fall	Spring	Fall	Spring	Fall
Greater Yellowlegs	Secure	0	0	8	57	0	0
Lesser Yellowlegs	Secure	0	0	21	49	0	1
Marbled Godwit	Secure	0	0	0	0	0	0
Ruddy Turnstone	Secure	0	0	0	0	2	0
Sanderling	Secure	0	0	0	0	0	0
Semipalmated Sandpiper	Secure	0	0	6	1	0	0
Least Sandpiper	Secure	0	4	0	11	0	5
Baird's Sandpiper	Secure	0	1	0	0	0	0
Pectoral Sandpiper	Secure	0	3	0	0	0	0
Dunlin	Secure	0	0	0	0	0	0
Stilt Sandpiper	Secure	0	0	0	0	0	0
Short-billed Dowitcher	Undetermined	0	0	0	0	0	0
Wilson's Phalarope	Secure	0	0	0	4	0	0
Red-necked Phalarope	Secure	0	0	0	0	0	0
UNK Calidris		0	0	0	0	0	0
UNK Dowitcher		0	0	0	0	0	0
UNK Phalarope		0	0	0	0	0	0
UNK Plover		0	0	0	0	17	0
UNK Sandpiper		0	1	0	12	0	0
UNK Shorebird		5	0	1	0	0	0
UNK Yellowlegs		0	0	0	1	0	0
Bald Eagle	Sensitive	0	0	0	0	0	0
Northern Harrier	Sensitive	0	0	0	0	0	0
Rough-legged Hawk	Secure	0	0	0	0	0	0
American Kestrel	Sensitive	0	0	0	0	0	0
Merlin	Secure	0	0	0	0	0	0
UNK Depredates		0	0	0	0	0	0
Tree Swallow	Secure	0	0	1	0	2	0
Bank Swallow	Secure	0	0	0	0	3	2
Cliff Swallow	Secure	0	0	0	0	2	9
Barn Swallow	Sensitive	0	0	2	0	8	3
UNK Swallow		0	0	0	0	0	0
Northern Flicker	Secure	0	0	1	0	0	0
White-throated Sparrow	Secure	0	0	0	0	0	1
UNK Gleans		0	0	0	1	0	0
Sharp-tailed Grouse	Sensitive	0	0	0	0	0	0
Eastern Phoebe	Sensitive	0	0	0	0	0	0
Horned Lark	Secure	5	2	0	0	0	0
American Robin	Secure	0	0	0	0	0	0
European Starling	Exotic	0	0	0	0	0	0
American Pipit	Secure	0	7	0	10	0	2
Chipping Sparrow	Secure	2	0	0	0	0	0
Savannah Sparrow	Secure	0	0	0	0	0	0
Song Sparrow	Secure	0	0	0	0	0	0
Lapland Longspur	Secure	1	0	0	0	0	0
Snow Bunting	Secure	26	0	0	0	2	8
Red-winged Blackbird	Secure	0	0	8	7	6	0
Rusty Blackbird	Sensitive	0	0	0	0	0	0
Brewer's Blackbird	Secure	0	0	0	0	0	0
Common Grackle	Secure	0	0	10	0	0	0
Le Conte's Sparrow	Secure	0	0	0	0	0	0
Clay-colored Sparrow	Secure	0	0	0	0	0	0
Yellow-headed Blackbird	Secure	0	0	0	0	0	0

Common name	Alberta Risk Status	Shell - Muskeg River		Suncor - Base		Syncrude - Aurora	
		Spring	Fall	Spring	Fall	Spring	Fall
Purple Finch	Secure	0	0	0	0	0	0
UNK Blackbird		0	0	0	0	0	1
UNK Passerine		0	0	0	0	0	0
UNK Pecks		0	1	0	4	0	0
UNK Sparrow		0	0	0	2	0	0
Ring-billed Gull	Secure	1	0	0	0	0	1
California Gull	Secure	0	0	0	0	0	0
Herring Gull	Secure	0	0	0	0	9	0
Franklin's Gull	Secure	0	0	0	0	0	0
Black-billed Magpie	Secure	0	0	0	0	0	0
American Crow	Secure	0	0	0	0	0	0
Common Raven	Secure	4	16	0	19	2	2
Gray Jay	Secure	0	0	0	0	0	0
Bonaparte's Gull	Secure	0	0	0	0	0	1
UNK BH Gull		0	0	0	0	0	0
UNK Gull		0	1	8	0	22	0
Grand Total		53	62	1176	2164	376	42

Common name	Alberta Risk Status	Syncrude - Mildred Lake		Total			
		Spring	Fall	Spring	Fall	% Spring	% Fall
Greater White-fronted Goose	Secure	0	0	1	7	12.50	87.50
Snow Goose	Secure	0	0	2	4	33.33	66.67
Canada Goose	Secure	3	2	201	91	68.84	31.16
Gadwall	Secure	0	0	20	129	13.42	86.58
American Wigeon	Secure	6	0	130	163	44.37	55.63
Mallard	Secure	0	31	438	884	33.13	66.87
Blue-winged Teal	Secure	0	14	13	272	4.56	95.44
Northern Shoveler	Secure	4	7	173	31	84.80	15.20
Northern Pintail	Sensitive	0	0	82	4	95.35	4.65
Green-winged Teal	Sensitive	0	36	131	412	24.13	75.87
UNK Dabbling		5	17	81	80	50.31	49.69
UNK Dabbling Non-duck		0	0	13	0	100.00	0.00
UNK Goose		0	0	31	0	100.00	0.00
Canvasback	Secure	2	0	320	32	90.91	9.09
Redhead	Secure	0	0	31	9	77.50	22.50
Ring-necked Duck	Secure	2	0	73	186	28.19	71.81
Greater Scaup	Secure	0	0	171	13	92.93	7.07
Lesser Scaup	Sensitive	11	0	281	53	84.13	15.87
Surf Scoter	Secure	0	0	27	1	96.43	3.57
Long-tailed Duck	Secure	2	0	62	0	100.00	0.00
Bufflehead	Secure	0	0	344	313	52.36	47.64
Common Goldeneye	Secure	39	1	650	216	75.06	24.94
Hooded Merganser	Secure	0	0	0	2	0.00	100.00
Common Merganser	Secure	0	0	3	18	14.29	85.71
Red-breasted Merganser	Secure	0	0	0	6	0.00	100.00
Ruddy Duck	Secure	1	0	106	339	23.82	76.18
Common Loon	Secure	1	0	169	9	94.94	5.06
Pied-billed Grebe	Sensitive	0	0	8	3	72.73	27.27
Western Grebe	Special Concern	0	0	3	1	75.00	25.00
American White Pelican	Sensitive	0	0	1	0	100.00	0.00
Double-crested Cormorant	Secure	0	17	0	19	0.00	100.00
Black Tern	Sensitive	0	0	1	3	25.00	75.00
Common Tern	Secure	0	0	7	53	11.67	88.33
Belted Kingfisher	Secure	0	0	0	1	0.00	100.00
Eared Grebe	Secure	0	0	48	13	78.69	21.31
Horned Grebe	Sensitive	4	0	29	15	65.91	34.09
Red-necked Grebe	Secure	0	0	36	7	83.72	16.28
UNK Diver		1	0	20	5	80.00	20.00
UNK Diver Duck		20	0	400	12	97.09	2.91
UNK Duck		1	0	29	21	58.00	42.00
UNK Grebe		10	0	10	0	100.00	0.00
UNK Merganser		0	0	0	1	0.00	100.00
UNK Scaup		0	0	480	36	93.02	6.98
Great Blue Heron	Sensitive	0	0	2	0	100.00	0.00
American Coot	Secure	0	0	21	8	72.41	27.59
Sandhill Crane	Sensitive	0	0	25	7	78.13	21.88
Black-bellied Plover	Secure	0	0	15	14	51.72	48.28
American Golden-Plover	Secure	0	0	16	23	41.03	58.97
Semipalmated Plover	Secure	0	0	15	270	5.26	94.74
Killdeer	Secure	0	0	132	275	32.43	67.57
American Avocet	Secure	0	0	13	0	100.00	0.00
Spotted Sandpiper	Secure	0	0	76	97	43.93	56.07
Solitary Sandpiper	Secure	0	6	2	41	4.65	95.35

Common name	Alberta Risk Status	Syncrude - Mildred Lake		Total			
		Spring	Fall	Spring	Fall	% Spring	% Fall
Greater Yellowlegs	Secure	0	26	11	211	4.95	95.05
Lesser Yellowlegs	Secure	0	9	48	282	14.55	85.45
Marbled Godwit	Secure	0	0	0	2	0.00	100.00
Ruddy Turnstone	Secure	0	0	7	0	100.00	0.00
Sanderling	Secure	0	0	0	69	0.00	100.00
Semipalmated Sandpiper	Secure	0	0	45	315	12.50	87.50
Least Sandpiper	Secure	0	0	0	101	0.00	100.00
Baird's Sandpiper	Secure	0	0	0	101	0.00	100.00
Pectoral Sandpiper	Secure	0	0	12	121	9.02	90.98
Dunlin	Secure	0	4	0	4	0.00	100.00
Stilt Sandpiper	Secure	0	0	6	5	54.55	45.45
Short-billed Dowitcher	Undetermined	0	0	2	1	66.67	33.33
Wilson's Phalarope	Secure	0	0	3	5	37.50	62.50
Red-necked Phalarope	Secure	0	0	9	20	31.03	68.97
UNK Calidris		0	0	50	872	5.42	94.58
UNK Dowitcher		0	0	2	77	2.53	97.47
UNK Phalarope		0	0	0	2	0.00	100.00
UNK Plover		0	0	18	32	36.00	64.00
UNK Sandpiper		0	47	15	118	11.28	88.72
UNK Shorebird		0	76	109	527	17.14	82.86
UNK Yellowlegs		0	3	51	184	21.70	78.30
Bald Eagle	Sensitive	0	0	1	0	100.00	0.00
Northern Harrier	Sensitive	0	0	2	14	12.50	87.50
Rough-legged Hawk	Secure	0	0	0	1	0.00	100.00
American Kestrel	Sensitive	0	0	1	3	25.00	75.00
Merlin	Secure	0	0	0	1	0.00	100.00
UNK Depredates		0	0	0	2	0.00	100.00
Tree Swallow	Secure	0	0	10	1	90.91	9.09
Bank Swallow	Secure	1	0	4	8	33.33	66.67
Cliff Swallow	Secure	0	10	6	19	24.00	76.00
Barn Swallow	Sensitive	1	0	28	25	52.83	47.17
UNK Swallow		3	0	9	0	100.00	0.00
Northern Flicker	Secure	0	0	1	0	100.00	0.00
White-throated Sparrow	Secure	0	0	0	1	0.00	100.00
UNK Gleans		0	0	1	1	50.00	50.00
Sharp-tailed Grouse	Sensitive	0	1	0	1	0.00	100.00
Eastern Phoebe	Sensitive	1	0	1	0	100.00	0.00
Horned Lark	Secure	0	0	36	219	14.12	85.88
American Robin	Secure	0	0	3	7	30.00	70.00
European Starling	Exotic	2	14	2	14	12.50	87.50
American Pipit	Secure	0	0	0	191	0.00	100.00
Chipping Sparrow	Secure	0	0	2	0	100.00	0.00
Savannah Sparrow	Secure	0	17	6	62	8.82	91.18
Song Sparrow	Secure	0	0	1	3	25.00	75.00
Lapland Longspur	Secure	0	0	23	476	4.61	95.39
Snow Bunting	Secure	0	446	184	636	22.44	77.56
Red-winged Blackbird	Secure	0	135	14	147	8.70	91.30
Rusty Blackbird	Sensitive	0	0	2	36	5.26	94.74
Brewer's Blackbird	Secure	0	0	3	53	5.36	94.64
Common Grackle	Secure	0	0	10	0	100.00	0.00
Le Conte's Sparrow	Secure	0	0	0	3	0.00	100.00
Clay-colored Sparrow	Secure	0	0	1	9	10.00	90.00
Yellow-headed Blackbird	Secure	0	0	3	2	60.00	40.00

Common name	Alberta Risk Status	Syncrude - Mildred Lake		Total			
		Spring	Fall	Spring	Fall	% Spring	% Fall
Purple Finch	Secure	0	0	0	1	0.00	100.00
UNK Blackbird		0	0	0	10	0.00	100.00
UNK Passerine		2	6	12	321	3.60	96.40
UNK Pecks		0	0	1	115	0.86	99.14
UNK Sparrow		0	0	1	33	2.94	97.06
Ring-billed Gull	Secure	0	0	166	32	83.84	16.16
California Gull	Secure	2	22	389	600	39.33	60.67
Herring Gull	Secure	30	221	55	249	18.09	81.91
Franklin's Gull	Secure	0	0	3	9	25.00	75.00
Black-billed Magpie	Secure	1	9	1	14	6.67	93.33
American Crow	Secure	0	4	0	4	0.00	100.00
Common Raven	Secure	24	8	124	377	24.75	75.25
Gray Jay	Secure	0	0	0	2	0.00	100.00
Bonaparte's Gull	Secure	4	0	214	197	52.07	47.93
UNK BH Gull		0	0	4	0	100.00	0.00
UNK Gull		0	10	58	302	16.11	83.89
Grand Total		183	1199	6712	11449	36.96	63.04