

Table 1: Estimated Emissions for Cases Without Conversion of Oil Fired Heating Furnaces

Isolated Case					Isolated Case With STI					Interconnected Case With STI				
Year	CO2	SOx	CO	NOx	Year	CO2	SOx	CO	NOx	Year	CO2	SOx	CO	NOx
	(ton)	(ton)	(ton)	(ton)		(ton)	(ton)	(ton)	(ton)		(ton)	(ton)	(ton)	(ton)
2007	28,036	195	127	556	2007	28,036	195	127	556	2007	28,036	195	127	556
2008	31,890	221	140	612	2008	31,890	221	140	612	2008	31,890	221	140	612
2009	34,217	237	146	638	2009	34,217	237	146	638	2009	34,217	237	146	638
2010	26,217	180	101	442	2010	13,592	92	42	181	2010	13,592	92	42	181
2011	18,520	125	52	226	2011	17,134	115	46	198	2011	15,153	102	36	157
2012	22,891	154	56	243	2012	22,221	149	53	229	2012	20,228	135	44	188
2013	24,458	164	59	256	2013	23,907	160	56	244	2013	21,715	145	46	199
2014	28,625	191	64	278	2014	28,900	193	66	284	2014	23,336	155	39	169
2015	30,262	202	68	292	2015	27,377	182	54	232	2015	24,900	165	42	181
2016	31,898	213	71	307	2016	28,969	193	57	246	2016	26,431	175	45	194
2017	33,551	224	75	323	2017	30,532	203	60	260	2017	27,930	185	48	206
2018	35,193	235	78	339	2018	32,075	214	64	274	2018	29,548	196	52	222
2019	36,829	246	82	355	2019	33,606	224	67	288	2019	31,402	208	56	242
2020	38,466	257	86	371	2020	35,377	236	71	307	2020	33,416	222	62	267
2021	40,087	268	90	387	2021	37,279	249	76	329	2021	35,414	235	67	291
2022	40,288	269	87	375	2022	37,777	252	75	323	2022	37,396	249	73	315
2023	41,910	280	91	392	2023	39,664	264	80	346	2023	35,394	234	60	257
2024	43,693	292	96	413	2024	41,528	277	85	368	2024	37,314	247	65	281
2025	42,179	281	85	366	2025	43,375	289	91	391	2025	39,230	260	71	305
2026	43,638	291	88	381	2026	36,848	243	56	240	2026	33,952	223	42	180
2027	45,128	301	92	397	2027	38,154	252	59	252	2027	35,250	232	45	192
2028	46,731	312	96	415	2028	39,488	261	62	265	2028	36,568	241	48	205
2029	48,418	323	101	435	2029	40,935	271	65	280	2029	38,014	250	52	220
2030	48,704	325	99	427	2030	42,365	280	69	296	2030	39,443	260	55	235
2031	50,370	336	104	447	2031	43,797	290	72	311	2031	40,872	270	59	251
Total	912,198	6,123	2,235	9,672	Total	829,041	5,543	1,840	7,952	Total	770,639	5,135	1,564	6,743

SUPPLEMENTAL INFORMATION
 AVOIDED GHG EMISSIONS
 AK-BC INTERTIE FEASIBILITY STUDY

Hatch Acres Corporation doing business as
 Hatch Energy

May 2, 2007

Table 2: Estimated Emissions for Cases With Conversion of Oil Fired Heating Furnaces

Isolated Case					Isolated Case With STI					Interconnected Case With STI				
Year	CO2	SOx	CO	NOx	Year	CO2	SOx	CO	NOx	Year	CO2	SOx	CO	NOx
	(ton)	(ton)	(ton)	(ton)		(ton)	(ton)	(ton)	(ton)		(ton)	(ton)	(ton)	(ton)
2007	27,962	195	133	579	2007	27,962	195	133	579	2007	27,962	195	133	579
2008	31,980	223	152	662	2008	31,980	223	152	662	2008	31,980	223	152	662
2009	34,618	241	164	716	2009	34,618	241	164	716	2009	34,618	241	164	716
2010	25,086	175	119	519	2010	7,369	51	35	152	2010	7,369	51	35	152
2011	14,202	99	67	294	2011	8,514	59	40	176	2011	6,616	46	31	137
2012	18,331	128	87	379	2012	10,939	76	52	226	2012	9,168	64	43	190
2013	19,657	137	93	407	2013	12,161	85	58	252	2013	9,885	69	47	205
2014	23,868	166	113	494	2014	9,154	64	43	189	2014	6,120	43	29	127
2015	22,343	156	106	462	2015	10,102	70	48	209	2015	6,867	48	33	142
2016	23,893	167	113	494	2016	11,068	77	52	229	2016	8,080	56	38	167
2017	25,625	179	121	530	2017	12,432	87	59	257	2017	9,653	67	46	200
2018	27,362	191	130	566	2018	12,006	84	57	248	2018	9,026	63	43	187
2019	29,106	203	138	602	2019	13,646	95	65	282	2019	10,590	74	50	219
2020	29,481	206	140	610	2020	15,383	107	73	318	2020	12,175	85	58	252
2021	31,215	218	148	646	2021	17,112	119	81	354	2021	13,789	96	65	285
2022	29,803	208	141	617	2022	15,702	110	74	325	2022	15,595	109	74	323
2023	31,323	218	149	648	2023	17,233	120	82	357	2023	17,571	123	83	364
2024	32,858	229	156	680	2024	18,999	133	90	393	2024	19,542	136	93	404
2025	34,413	240	163	712	2025	20,824	145	99	431	2025	21,505	150	102	445
2026	35,980	251	171	744	2026	22,680	158	108	469	2026	19,778	138	94	409
2027	37,540	262	178	777	2027	24,551	171	116	508	2027	21,701	151	103	449
2028	39,127	273	186	810	2028	26,418	184	125	547	2028	23,648	165	112	489
2029	40,906	285	194	846	2029	28,310	197	134	586	2029	25,615	179	121	530
2030	42,787	298	203	885	2030	30,207	211	143	625	2030	27,588	192	131	571
2031	44,692	312	212	925	2031	32,305	225	153	668	2031	29,760	208	141	616
Total	754,157	5,260	3,576	15,603	Total	471,672	3,290	2,236	9,759	Total	426,202	2,972	2,021	8,818

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