APPENDIX E-11 WDNR Lake Hayward Fish Data

Visit Turse	Coor	Comula Data	Fish Data Car No	Creation		unaber of Fich	Tatal Na	0/ of Total
Visit Type NETTING	Gear FYKE NET	13-Jun-03	Fish Data Seq No	Species BLACK BULLHEAD	ľ	Number of Fish	Total No. 1	% 01 10181
NETTING	FYKE NET	13-Jun-03		BLACK BULLHEAD			1	
NETTING	FYKE NET	13-Jun-03		BLACK BULLHEAD			1	
NETTING	FYKE NET	14-Jun-03		BLACK BULLHEAD			1	
NETTING	FYKE NET	14-Jun-03		BLACK BULLHEAD			1	
NETTING	FYKE NET	14-Jun-03		BLACK BULLHEAD			1	
NETTING	FYKE NET	15-Jun-03		BLACK BULLHEAD			1	
NETTING	FYKE NET	15-Jun-03		BLACK BULLHEAD			1	
NETTING	MINI FYKE NET			BLACK BULLHEAD			1	
NETTING	MINI FYKE NET			BLACK BULLHEAD			1	
NETTING	MINI FYKE NET			BLACK BULLHEAD			1	
NETTING	MINI FYKE NET			BLACK BULLHEAD			1	
NETTING	FYKE NET	8-Apr-05		BLACK BULLHEAD			1	
NETTING	FYKE NET	8-Apr-05		BLACK BULLHEAD			1	
NETTING	FYKE NET	9-Apr-05		BLACK BULLHEAD			1	
NETTING	FYKE NET	11-Apr-05		BLACK BULLHEAD			1	
	BOOM SHOCKE	-		BLACK BULLHEAD			1	
NETTING	FYKE NET	24-Apr-08		BLACK BULLHEAD			9	
NETTING	FYKE NET	25-Apr-08		BLACK BULLHEAD			5 31	0.36%
NETTING	FYKE NET	28-May-02		BLACK CRAPPIE			<u> </u>	0.00/0
NETTING	FYKE NET	28-May-02		BLACK CRAPPIE			1	
NETTING	FYKE NET	28-May-02		BLACK CRAPPIE			1	
NETTING	FYKE NET	28-May-02		BLACK CRAPPIE			3	
NETTING	FYKE NET	28-May-02		BLACK CRAPPIE			1	
	BOOM SHOCKE	-		BLACK CRAPPIE		4		
NETTING	FYKE NET	8-Jun-03		BLACK CRAPPIE			3	
NETTING	FYKE NET	8-Jun-03		BLACK CRAPPIE			1	
NETTING	FYKE NET	8-Jun-03		BLACK CRAPPIE			2	
NETTING	FYKE NET	9-Jun-03		BLACK CRAPPIE			1	
NETTING	FYKE NET	9-Jun-03		BLACK CRAPPIE			2	
NETTING	FYKE NET	9-Jun-03		BLACK CRAPPIE			2	
NETTING	FYKE NET	10-Jun-03		BLACK CRAPPIE			1	
NETTING	FYKE NET	10-Jun-03		BLACK CRAPPIE			1	
NETTING	FYKE NET	13-Jun-03		BLACK CRAPPIE			1	
NETTING	FYKE NET	13-Jun-03		BLACK CRAPPIE			1	
NETTING	FYKE NET	14-Jun-03		BLACK CRAPPIE			2	
NETTING	FYKE NET	14-Jun-03	2107343	BLACK CRAPPIE			1	
NETTING	FYKE NET	15-Jun-03	2104373	BLACK CRAPPIE			9	
NETTING	FYKE NET	15-Jun-03	2104374	BLACK CRAPPIE			2	
NETTING	FYKE NET	15-Jun-03	2104375	BLACK CRAPPIE			1	
NETTING	FYKE NET	15-Jun-03	2107371	BLACK CRAPPIE			1	
NETTING	FYKE NET	15-Jun-03	2107377	BLACK CRAPPIE			1	
NETTING	MINI FYKE NET	15-Jul-03	2115285	BLACK CRAPPIE			1	
NETTING	MINI FYKE NET	15-Jul-03	2115286	BLACK CRAPPIE			1	
NETTING	MINI FYKE NET	16-Jul-03	2115306	BLACK CRAPPIE		1	9	
NETTING	MINI FYKE NET	16-Jul-03	2115307	BLACK CRAPPIE			1	
NETTING	MINI FYKE NET	16-Jul-03	2115308	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149513	BLACK CRAPPIE			2	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149514	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149515	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149516	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149517	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149518	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149519	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149520	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149521	BLACK CRAPPIE			2	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149522	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149572	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149573	BLACK CRAPPIE			1	
ELECTROFI	BOOM SHOCKE	1-Oct-03	2149574	BLACK CRAPPIE			1	

ELECTROFIS BOOM SHOCK		2149575 BLACK CRAPPIE	2
NETTING FYKE NET	9-Apr-05	4002732 BLACK CRAPPIE	1
NETTING FYKE NET	11-Apr-05	4002769 BLACK CRAPPIE	3
OTHER HOOK AND LIN		2740678 BLACK CRAPPIE	1
OTHER HOOK AND LIN	IE 11-May-05	2740679 BLACK CRAPPIE	2
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057460 BLACK CRAPPIE	1
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057461 BLACK CRAPPIE	2
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057462 BLACK CRAPPIE	3
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057463 BLACK CRAPPIE	1
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057464 BLACK CRAPPIE	1
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057465 BLACK CRAPPIE	4
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057466 BLACK CRAPPIE	3
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057467 BLACK CRAPPIE	2
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057468 BLACK CRAPPIE	7
ELECTROFIS BOOM SHOCK	El 4-Oct-07	6057469 BLACK CRAPPIE	5
ELECTROFIS BOOM SHOCK		6057470 BLACK CRAPPIE	1
ELECTROFIS BOOM SHOCK		6057588 BLACK CRAPPIE	1
ELECTROFIS BOOM SHOCK		6057589 BLACK CRAPPIE	1
ELECTROFIS BOOM SHOCK		6057590 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774382 BLACK CRAPPIE	- 1
NETTING FYKE NET	24-Apr-08	6774383 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774384 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774385 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774386 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774387 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774388 BLACK CRAPPIE	2
NETTING FYKE NET		6774389 BLACK CRAPPIE	2
	24-Apr-08		
NETTING FYKE NET	24-Apr-08	6774390 BLACK CRAPPIE 6774391 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08		2
NETTING FYKE NET	24-Apr-08	6774392 BLACK CRAPPIE	
NETTING FYKE NET	24-Apr-08	6774393 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774394 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774395 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774396 BLACK CRAPPIE	5
NETTING FYKE NET	24-Apr-08	6774397 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774398 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774399 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774400 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774401 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774402 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774403 BLACK CRAPPIE	6
NETTING FYKE NET	24-Apr-08	6774404 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774405 BLACK CRAPPIE	8
NETTING FYKE NET	24-Apr-08	6774406 BLACK CRAPPIE	5
NETTING FYKE NET	24-Apr-08	6774407 BLACK CRAPPIE	7
NETTING FYKE NET	24-Apr-08	6774408 BLACK CRAPPIE	4
NETTING FYKE NET	24-Apr-08	6774409 BLACK CRAPPIE	6
NETTING FYKE NET	24-Apr-08	6774410 BLACK CRAPPIE	4
NETTING FYKE NET	24-Apr-08	6774411 BLACK CRAPPIE	5
NETTING FYKE NET	24-Apr-08	6774412 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774413 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774414 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774415 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774416 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774417 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774418 BLACK CRAPPIE	2
NETTING FYKE NET	24-Apr-08	6774419 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774420 BLACK CRAPPIE	3
NETTING FYKE NET	24-Apr-08	6774421 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774422 BLACK CRAPPIE	1
NETTING FYKE NET	24-Apr-08	6774423 BLACK CRAPPIE	1
	-		

NETTING	FYKE NET	24-Apr-08	6774424 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-08	6774425 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-08	6774426 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774553 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774554 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774555 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774556 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774557 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774558 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774559 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774560 BLACK CRAPPIE	7
NETTING	FYKE NET	•	6774561 BLACK CRAPPIE	2
		25-Apr-08		4
NETTING	FYKE NET	25-Apr-08	6774562 BLACK CRAPPIE	
NETTING	FYKE NET	25-Apr-08	6774563 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774564 BLACK CRAPPIE	3
NETTING	FYKE NET	25-Apr-08	6774565 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774566 BLACK CRAPPIE	4
NETTING	FYKE NET	25-Apr-08	6774567 BLACK CRAPPIE	4
NETTING	FYKE NET	25-Apr-08	6774568 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774569 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774570 BLACK CRAPPIE	3
NETTING	FYKE NET	25-Apr-08	6774571 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774572 BLACK CRAPPIE	3
NETTING	FYKE NET	25-Apr-08	6774573 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774574 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774575 BLACK CRAPPIE	4
NETTING	FYKE NET	25-Apr-08	6774576 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774577 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774578 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774579 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774580 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774581 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774582 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774583 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774584 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774585 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774586 BLACK CRAPPIE	2
NETTING	FYKE NET	25-Apr-08	6774587 BLACK CRAPPIE	1
NETTING	FYKE NET	25-Apr-08	6774588 BLACK CRAPPIE	1
	BOOM SHOCKEI	9-Jun-08	6783330 BLACK CRAPPIE	1
	BOOM SHOCKEI	9-Jun-08	6783331 BLACK CRAPPIE	1
NETTING	FYKE NET	23-Apr-14	10379731 BLACK CRAPPIE	2
NETTING	FYKE NET	23-Apr-14	10379741 BLACK CRAPPIE	5
NETTING	FYKE NET	23-Apr-14	10379744 BLACK CRAPPIE	2
NETTING	FYKE NET	23-Apr-14	10379752 BLACK CRAPPIE	10
NETTING	FYKE NET	23-Apr-14	10379758 BLACK CRAPPIE	6
NETTING	FYKE NET	23-Apr-14	10379760 BLACK CRAPPIE	3
NETTING	FYKE NET	23-Apr-14	10379764 BLACK CRAPPIE	3
NETTING	FYKE NET	23-Apr-14	10379765 BLACK CRAPPIE	3
NETTING		23-Apr-14	10379767 BLACK CRAPPIE	1
NETTING	FYKE NET	23-Apr-14 23-Apr-14	10379767 BLACK CRAPPIE	1
	FYKE NET	•		
NETTING	FYKE NET	23-Apr-14	10379771 BLACK CRAPPIE	1
NETTING	FYKE NET	23-Apr-14	10379777 BLACK CRAPPIE	11 25
NETTING	FYKE NET	23-Apr-14	10379822 BLACK CRAPPIE	35
NETTING	FYKE NET	23-Apr-14	10379830 BLACK CRAPPIE	11
NETTING	FYKE NET	23-Apr-14	10379847 BLACK CRAPPIE	14
NETTING	FYKE NET	23-Apr-14	10379865 BLACK CRAPPIE	18
NETTING	FYKE NET	24-Apr-14	10379874 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379875 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379876 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379877 BLACK CRAPPIE	1

NETTING	FYKE NET	24-Apr-14	10379878 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379879 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379880 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379881 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379882 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10379883 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14 24-Apr-14	10379935 BLACK CRAPPIE	89
	FYKE NET	•		
NETTING		24-Apr-14	10379943 BLACK CRAPPIE	15
NETTING	FYKE NET	24-Apr-14	10379953 BLACK CRAPPIE	23
NETTING	FYKE NET	24-Apr-14	10379965 BLACK CRAPPIE	15
NETTING	FYKE NET	24-Apr-14	10379973 BLACK CRAPPIE	2
NETTING	FYKE NET	24-Apr-14	10379981 BLACK CRAPPIE	3
NETTING	FYKE NET	24-Apr-14	10380022 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380023 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380024 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380025 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380026 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380027 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380028 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380029 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380030 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380031 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380032 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380033 BLACK CRAPPIE	- 1
NETTING	FYKE NET	24-Apr-14	10380034 BLACK CRAPPIE	- 1
NETTING	FYKE NET	24-Apr-14	10380035 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380036 BLACK CRAPPIE	1
		•		1
NETTING	FYKE NET	24-Apr-14	10380037 BLACK CRAPPIE	
NETTING	FYKE NET	24-Apr-14	10380038 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380039 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380040 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380041 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380042 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380043 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380044 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380045 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380046 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380047 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380048 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380049 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380050 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380051 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380052 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380053 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380054 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380055 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380056 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380057 BLACK CRAPPIE	- 1
NETTING	FYKE NET	24-Apr-14	10380058 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380059 BLACK CRAPPIE	1
		24-Apr-14	10380060 BLACK CRAPPIE	1
NETTING NETTING	FYKE NET FYKE NET	24-Apr-14 24-Apr-14	10380120 BLACK CRAPPIE	1
		24-Apr-14 24-Apr-14		
NETTING	FYKE NET	•	10380121 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380122 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380123 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380124 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380125 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380126 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380127 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380128 BLACK CRAPPIE	1
NETTING	FYKE NET	24-Apr-14	10380129 BLACK CRAPPIE	1

NETTING FYKE NET	24-Apr-14	10380130 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380131 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380132 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380133 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380134 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380135 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380136 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380137 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380138 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380139 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380140 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380141 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380142 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380143 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380144 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380145 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380146 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380147 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380148 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380149 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380150 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380151 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380152 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380153 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380154 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380155 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380156 BLACK CRAPPIE	1		
NETTING FYKE NET	24-Apr-14	10380159 BLACK CRAPPIE	22		
NETTING FYKE NET	25-Apr-14	10380169 BLACK CRAPPIE	1		
NETTING FYKE NET	25-Apr-14	10380197 BLACK CRAPPIE	19		
NETTING FYKE NET	25-Apr-14	10380204 BLACK CRAPPIE	10		
NETTING FYKE NET	25-Apr-14	10380212 BLACK CRAPPIE	32		
NETTING FYKE NET	25-Apr-14	10380219 BLACK CRAPPIE	26		
NETTING FYKE NET	25-Apr-14	10380234 BLACK CRAPPIE	25		
NETTING FYKE NET	25-Apr-14	10380254 BLACK CRAPPIE	9		
NETTING FYKE NET	25-Apr-14	10380266 BLACK CRAPPIE	15		
NETTING FYKE NET	25-Apr-14	10380268 BLACK CRAPPIE	11		
NETTING FYKE NET	25-Apr-14	10380270 BLACK CRAPPIE	2		
NETTING FYKE NET	25-Apr-14	10380271 BLACK CRAPPIE	27		
NETTING FYKE NET	25-Apr-14	10380285 BLACK CRAPPIE	22		
NETTING FYKE NET	25-Apr-14	10380299 BLACK CRAPPIE	50		
NETTING FYKE NET	26-Apr-14	10380301 BLACK CRAPPIE	2		
NETTING FYKE NET	26-Apr-14	10380307 BLACK CRAPPIE	6		
NETTING FYKE NET	26-Apr-14	10380325 BLACK CRAPPIE	37		
NETTING FYKE NET	26-Apr-14	10380333 BLACK CRAPPIE	3		
NETTING FYKE NET	26-Apr-14	10380356 BLACK CRAPPIE	50		
NETTING FYKE NET	26-Apr-14	10380379 BLACK CRAPPIE	27		
NETTING FYKE NET	26-Apr-14	10380397 BLACK CRAPPIE	69		
NETTING FYKE NET	26-Apr-14	10380405 BLACK CRAPPIE	7		
NETTING FYKE NET	26-Apr-14	10380419 BLACK CRAPPIE	37		
NETTING FYKE NET	26-Apr-14	10380430 BLACK CRAPPIE	17		
NETTING FYKE NET	26-Apr-14	10380434 BLACK CRAPPIE	10		
NETTING FYKE NET	26-Apr-14	10380437 BLACK CRAPPIE	14	1263	14.62%
ELECTROFIS BOOM SHOCKE	27-Oct-65	8223505 BLUEGILL	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223506 BLUEGILL	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223507 BLUEGILL	3		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223508 BLUEGILL	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223509 BLUEGILL	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223510 BLUEGILL	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223511 BLUEGILL	6		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223512 BLUEGILL	9		

ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223513 BLUEGILL	9
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223514 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223515 BLUEGILL	4
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223516 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223517 BLUEGILL	2
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223518 BLUEGILL	2
NETTING FYKE NET	28-May-02	2088771 BLUEGILL	4
NETTING FYKE NET	28-May-02	2088772 BLUEGILL	2
NETTING FYKE NET	28-May-02	2088773 BLUEGILL	2
NETTING FYKE NET	28-May-02	2088774 BLUEGILL	2
NETTING FYKE NET	28-May-02	2088775 BLUEGILL	1
NETTING FYKE NET	28-May-02	2088776 BLUEGILL	3
NETTING FYKE NET	28-May-02	2088777 BLUEGILL	1
NETTING FYKE NET	28-May-02	2088778 BLUEGILL	1
NETTING FYKE NET	28-May-02	2088779 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	13422155 BLUEGILL	19
NETTING FYKE NET	8-Jun-03	2107200 BLUEGILL	3
NETTING FYKE NET	8-Jun-03	2107205 BLUEGILL	46
NETTING FYKE NET	8-Jun-03	2107210 BLUEGILL	1
NETTING FYKE NET	8-Jun-03	2107211 BLUEGILL	1
NETTING FYKE NET	8-Jun-03	2107212 BLUEGILL	1
NETTING FYKE NET	8-Jun-03	2107213 BLUEGILL	7
NETTING FYKE NET	8-Jun-03	2107214 BLUEGILL	2
NETTING FYKE NET	8-Jun-03	2107215 BLUEGILL	2
NETTING FYKE NET	8-Jun-03	2107216 BLUEGILL	10
NETTING FYKE NET	8-Jun-03	2107217 BLUEGILL	8
NETTING FYKE NET NETTING FYKE NET	8-Jun-03 8-Jun-03	2107218 BLUEGILL 2107219 BLUEGILL	10 4
NETTING FYKE NET NETTING FYKE NET	8-Jun-03	2107220 BLUEGILL	4
NETTING FYKE NET	8-Jun-03	2107221 BLUEGILL	1
NETTING FYKE NET	9-Jun-03	2107237 BLUEGILL	14
NETTING FYKE NET	9-Jun-03	2107243 BLUEGILL	1
NETTING FYKE NET	9-Jun-03	2107244 BLUEGILL	1
NETTING FYKE NET	9-Jun-03	2107245 BLUEGILL	5
NETTING FYKE NET	9-Jun-03	2107246 BLUEGILL	2
NETTING FYKE NET	9-Jun-03	2107247 BLUEGILL	5
NETTING FYKE NET	9-Jun-03	2107248 BLUEGILL	15
NETTING FYKE NET	9-Jun-03	2107249 BLUEGILL	11
NETTING FYKE NET	9-Jun-03	2107250 BLUEGILL	6
NETTING FYKE NET	9-Jun-03	2107251 BLUEGILL	1
NETTING FYKE NET	10-Jun-03	2107272 BLUEGILL	4
NETTING FYKE NET	10-Jun-03	2107274 BLUEGILL	22
NETTING FYKE NET	10-Jun-03	2107278 BLUEGILL	21
NETTING FYKE NET	13-Jun-03	2107283 BLUEGILL	1
NETTING FYKE NET	13-Jun-03	2107288 BLUEGILL	20
NETTING FYKE NET	13-Jun-03	2107294 BLUEGILL	23
NETTING FYKE NET	13-Jun-03	2107308 BLUEGILL	7
NETTING FYKE NET	13-Jun-03	2107309 BLUEGILL	3
NETTING FYKE NET	13-Jun-03	2107310 BLUEGILL	2
NETTING FYKE NET	13-Jun-03	2107311 BLUEGILL	1
NETTING FYKE NET	13-Jun-03	2107312 BLUEGILL	2
NETTING FYKE NET	13-Jun-03	2107313 BLUEGILL	5
NETTING FYKE NET	13-Jun-03	2107314 BLUEGILL	11
NETTING FYKE NET	13-Jun-03	2107315 BLUEGILL	6
NETTING FYKE NET NETTING FYKE NET	13-Jun-03	2107316 BLUEGILL 2107317 BLUEGILL	4
NETTING FYKE NET NETTING FYKE NET	13-Jun-03 14-Jun-03	2107317 BLUEGILL 2107330 BLUEGILL	
NETTING FYKE NET	14-Jun-03 14-Jun-03	2107335 BLUEGILL 2107335 BLUEGILL	58 60
NETTING FYKE NET	14-Jun-03 14-Jun-03	2107335 BLUEGILL 2107340 BLUEGILL	73
NETTING FYKE NET	14-Jun-03 15-Jun-03	2104359 BLUEGILL	8
NETTING FYKE NET	15-Jun-03	2104303 BLUEGILL	8
	10 301-03		7

NETTING	FYKE NET	15-Jun-03	2104361 BLUEGILL	2
NETTING	FYKE NET	15-Jun-03	2104362 BLUEGILL	7
NETTING	FYKE NET	15-Jun-03	2104363 BLUEGILL	1
NETTING	FYKE NET	15-Jun-03	2104364 BLUEGILL	4
NETTING	FYKE NET	15-Jun-03	2104365 BLUEGILL	10
NETTING	FYKE NET	15-Jun-03	2104366 BLUEGILL	26
NETTING	FYKE NET	15-Jun-03	2104367 BLUEGILL	17
NETTING	FYKE NET	15-Jun-03	2104368 BLUEGILL	10
NETTING	FYKE NET	15-Jun-03	2104369 BLUEGILL	4
NETTING	FYKE NET	15-Jun-03	2104309 BLUEGILL	2
		15-Jun-03	2104370 BLUEGILL	
NETTING	FYKE NET			1
NETTING	FYKE NET	15-Jun-03	2104372 BLUEGILL	1
NETTING	FYKE NET	15-Jun-03	2104425 BLUEGILL	77
NETTING	FYKE NET	15-Jun-03	2107363 BLUEGILL	100
NETTING	FYKE NET	15-Jun-03	2107368 BLUEGILL	96
NETTING	FYKE NET	15-Jun-03	2107374 BLUEGILL	180
NETTING	MINI FYKE NET	15-Jul-03	2115216 BLUEGILL	2
NETTING	MINI FYKE NET	15-Jul-03	2115217 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115218 BLUEGILL	2
NETTING	MINI FYKE NET	15-Jul-03	2115219 BLUEGILL	4
NETTING	MINI FYKE NET	15-Jul-03	2115220 BLUEGILL	2
NETTING	MINI FYKE NET	15-Jul-03	2115221 BLUEGILL	4
NETTING	MINI FYKE NET	15-Jul-03	2115222 BLUEGILL	7
NETTING	MINI FYKE NET	15-Jul-03	2115223 BLUEGILL	4
NETTING	MINI FYKE NET	15-Jul-03	2115224 BLUEGILL	10
NETTING	MINI FYKE NET	15-Jul-03	2115225 BLUEGILL	2
NETTING	MINI FYKE NET	15-Jul-03	2115226 BLUEGILL	3
NETTING	MINI FYKE NET	15-Jul-03	2115227 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115228 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115229 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115230 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115231 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115235 BLUEGILL	3
NETTING	MINI FYKE NET	15-Jul-03	2115236 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115239 BLUEGILL	3
NETTING	MINI FYKE NET	15-Jul-03	2115240 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115247 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115248 BLUEGILL	8
NETTING	MINI FYKE NET	15-Jul-03	2115249 BLUEGILL	3
NETTING	MINI FYKE NET	15-Jul-03	2115250 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115251 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115252 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115253 BLUEGILL	2
NETTING	MINI FYKE NET	15-Jul-03	2115254 BLUEGILL	2
NETTING	MINI FYKE NET '	15-Jul-03	2115255 BLUEGILL	1
NETTING	MINI FYKE NET	15-Jul-03	2115261 BLUEGILL	6
NETTING	MINI FYKE NET	15-Jul-03	2115262 BLUEGILL	8
NETTING	MINI FYKE NET '	15-Jul-03	2115262 BLUEGILL 2115263 BLUEGILL	
NETTING			2115265 BLUEGILL 2115264 BLUEGILL	4 6
	MINI FYKE NET	15-Jul-03		
NETTING	MINI FYKE NET	15-Jul-03	2115265 BLUEGILL	10
NETTING	MINI FYKE NET	15-Jul-03	2115266 BLUEGILL	16
NETTING	MINI FYKE NET	15-Jul-03	2115267 BLUEGILL	19
NETTING	MINI FYKE NET	15-Jul-03	2115268 BLUEGILL	6
NETTING	MINI FYKE NET	15-Jul-03	2115269 BLUEGILL	7
NETTING	MINI FYKE NET	15-Jul-03	2115270 BLUEGILL	1
NETTING	MINI FYKE NET	16-Jul-03	2115287 BLUEGILL	9
NETTING	MINI FYKE NET	16-Jul-03	2115288 BLUEGILL	5
NETTING	MINI FYKE NET	16-Jul-03	2115289 BLUEGILL	138
NETTING	MINI FYKE NET	16-Jul-03	2115290 BLUEGILL	9
NETTING	MINI FYKE NET	16-Jul-03	2115291 BLUEGILL	6
NETTING	MINI FYKE NET	16-Jul-03	2115292 BLUEGILL	15

NETTING MINI FYKE NET	16-Jul-03	2115293 BLUEGILL	7
NETTING MINI FYKE NET	16-Jul-03	2115294 BLUEGILL	6
NETTING MINI FYKE NET	16-Jul-03	2115295 BLUEGILL	11
NETTING MINI FYKE NET	16-Jul-03	2115296 BLUEGILL	21
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149507 BLUEGILL	2
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149508 BLUEGILL	3
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149509 BLUEGILL	9
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149510 BLUEGILL	5
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149511 BLUEGILL	5
	1-Oct-03	2149512 BLUEGILL	1
ELECTROFIS BOOM SHOCKER	1-Oct-03	2149565 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149566 BLUEGILL 2149567 BLUEGILL	3
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149567 BLUEGILL 2149568 BLUEGILL	4 5
ELECTROFIS BOOM SHOCKEI	1-Oct-03 1-Oct-03	2149508 BLUEGILL 2149569 BLUEGILL	8
ELECTROFIS BOOM SHOCKER	1-Oct-03	2149570 BLUEGILL	8
ELECTROFIS BOOM SHOCKER	1-Oct-03	2149571 BLUEGILL	3
NETTING FYKE NET	8-Apr-05	4002729 BLUEGILL	1
NETTING FYKE NET	10-Apr-05	4002777 BLUEGILL	2
NETTING FYKE NET	10-Apr-05	4002778 BLUEGILL	- 1
NETTING FYKE NET	10-Apr-05	4002779 BLUEGILL	1
NETTING FYKE NET	10-Apr-05	4002786 BLUEGILL	1
NETTING FYKE NET	11-Apr-05	4002768 BLUEGILL	2
OTHER HOOK AND LINE	11-May-05	2740661 BLUEGILL	4
OTHER HOOK AND LINE	11-May-05	2740662 BLUEGILL	1
OTHER HOOK AND LINE	11-May-05	2740663 BLUEGILL	5
OTHER HOOK AND LINE	11-May-05	2740664 BLUEGILL	7
OTHER HOOK AND LINE	11-May-05	2740665 BLUEGILL	6
OTHER HOOK AND LINE	11-May-05	2740666 BLUEGILL	13
OTHER HOOK AND LINE	11-May-05	2740667 BLUEGILL	15
OTHER HOOK AND LINE	11-May-05	2740668 BLUEGILL	21
OTHER HOOK AND LINE	11-May-05	2740669 BLUEGILL	2
OTHER HOOK AND LINE	11-May-05	2740670 BLUEGILL	3
OTHER HOOK AND LINE	11-May-05	2740671 BLUEGILL	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057447 BLUEGILL	2
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057448 BLUEGILL	14
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057449 BLUEGILL	4
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057450 BLUEGILL 6057451 BLUEGILL	17 24
ELECTROFIS BOOM SHOCKE	4-Oct-07 4-Oct-07	6057452 BLUEGILL	24 11
ELECTROFIS BOOM SHOCKER	4-0ct-07 4-0ct-07	6057453 BLUEGILL	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057454 BLUEGILL	5
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057455 BLUEGILL	15
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057456 BLUEGILL	11
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057457 BLUEGILL	11
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057458 BLUEGILL	5
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057459 BLUEGILL	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057573 BLUEGILL	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057574 BLUEGILL	6
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057575 BLUEGILL	10
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057576 BLUEGILL	5
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057577 BLUEGILL	4
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057578 BLUEGILL	3
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057579 BLUEGILL	2
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057580 BLUEGILL	2
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057581 BLUEGILL	5
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057582 BLUEGILL	5
ELECTROFIS BOOM SHOCKED	4-Oct-07	6057583 BLUEGILL	1
ELECTROFIS BOOM SHOCKED	9-Jun-08	6783239 BLUEGILL	10
	9-Jun-08	6783256 BLUEGILL	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783257 BLUEGILL	1

ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783258 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783259 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783260 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783261 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783262 BLUEGILL
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783263 BLUEGILL
	9-Jun-08	6783264 BLUEGILL
ELECTROFIS BOOM SHOCKER	9-Jun-08	6783265 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783266 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783267 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783268 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783269 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783270 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783271 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783272 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783273 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783274 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783275 BLUEGILL
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783276 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783277 BLUEGILL
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783278 BLUEGILL
	9-Jun-08	6783279 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783280 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783281 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783282 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783283 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783284 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783285 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783286 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783287 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783288 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783289 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783290 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783291 BLUEGILL
	9-Jun-08	6783292 BLUEGILL
	9-Jun-08	6783570 BLUEGILL
	9-Jun-08	6783571 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783572 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783573 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783574 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783575 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783576 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783577 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783578 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783579 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783580 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783581 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783582 BLUEGILL
	9-Jun-08	6783583 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783584 BLUEGILL
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783585 BLUEGILL
	9-Jun-08	6783586 BLUEGILL
	9-Jun-08	6783587 BLUEGILL
	9-Jun-08	6783588 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783589 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783590 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783591 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783592 BLUEGILL
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783593 BLUEGILL
ELECTROFIS BOOM SHOCKEI		
	9-Jun-08	6783594 BLUEGILL
ELECTROFIS BOOM SHOCKE	9-Jun-08 9-Jun-08	6783594 BLUEGILL 6783595 BLUEGILL

ELECTROFIS BOOM SHOCKE	9-Jun-08	6783596 BLUEGILL	3
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783597 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783598 BLUEGILL	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783599 BLUEGILL	3
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783600 BLUEGILL	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783601 BLUEGILL	4
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783602 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783603 BLUEGILL	3
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783604 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783605 BLUEGILL	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783606 BLUEGILL	2
NETTING FYKE NET			7
	23-Apr-14	10379730 BLUEGILL	
NETTING FYKE NET	23-Apr-14	10379742 BLUEGILL	7
NETTING FYKE NET	23-Apr-14	10379745 BLUEGILL	1
NETTING FYKE NET	23-Apr-14	10379751 BLUEGILL	11
NETTING FYKE NET	23-Apr-14	10379757 BLUEGILL	7
NETTING FYKE NET	23-Apr-14	10379761 BLUEGILL	2
NETTING FYKE NET	23-Apr-14	10379763 BLUEGILL	4
NETTING FYKE NET	23-Apr-14	10379766 BLUEGILL	1
NETTING FYKE NET	23-Apr-14	10379769 BLUEGILL	1
NETTING FYKE NET	23-Apr-14	10379770 BLUEGILL	2
NETTING FYKE NET	23-Apr-14	10379773 BLUEGILL	2
NETTING FYKE NET	23-Apr-14	10379774 BLUEGILL	2
NETTING FYKE NET	23-Apr-14	10379778 BLUEGILL	11
NETTING FYKE NET	23-Apr-14	10379821 BLUEGILL	232
NETTING FYKE NET	23-Apr-14	10379829 BLUEGILL	52
NETTING FYKE NET	23-Apr-14	10379846 BLUEGILL	21
NETTING FYKE NET	23-Apr-14	10379864 BLUEGILL	53
NETTING FYKE NET	24-Apr-14	10379867 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379868 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379869 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379870 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379871 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379872 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379934 BLUEGILL	122
NETTING FYKE NET	24-Apr-14	10379942 BLUEGILL	18
NETTING FYKE NET	24-Apr-14	10379952 BLUEGILL	25
NETTING FYKE NET	24-Apr-14	10379964 BLUEGILL	5
NETTING FYKE NET	24-Apr-14	10379980 BLUEGILL	2
NETTING FYKE NET	24-Apr-14	10379982 BLUEGILL	1
NETTING FYKE NET	24-Apr-14 24-Apr-14	10379983 BLUEGILL	1
NETTING FYKE NET	24-Apr-14 24-Apr-14	10379984 BLUEGILL	1
	24-Apr-14 24-Apr-14	10379985 BLUEGILL	1
NETTING FYKE NET NETTING FYKE NET	24-Apr-14 24-Apr-14	10379986 BLUEGILL 10379987 BLUEGILL	1
	24-Apr-14		
NETTING FYKE NET	24-Apr-14	10379988 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379989 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379990 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379991 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379992 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379993 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379994 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379995 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379996 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379997 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379998 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10379999 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10380000 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10380001 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10380002 BLUEGILL	1
NETTING FYKE NET	24-Apr-14	10380003 BLUEGILL	1

NETTING		~ ~ ~ ~ ~	
NETTING	FYKE NET	24-Apr-14	10380004 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380005 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380006 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380007 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380008 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380009 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380010 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380011 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380012 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380013 BLUEGILL
NETTING	FYKE NET	•	10380013 BLUEGILL
		24-Apr-14	
NETTING	FYKE NET	24-Apr-14	10380015 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380066 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380067 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380068 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380069 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380070 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380071 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380072 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380073 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380074 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380075 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380076 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380077 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380078 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380079 BLUEGILL
-		•	
NETTING	FYKE NET	24-Apr-14	10380080 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380081 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380082 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380083 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380084 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380085 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380086 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380087 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380088 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380089 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380090 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380091 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380092 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380093 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380094 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380095 BLUEGILL
NETTING	FYKE NET	24-Apr-14 24-Apr-14	
		•	10380096 BLUEGILL 10380097 BLUEGILL
NETTING	FYKE NET	24-Apr-14	
NETTING	FYKE NET	24-Apr-14	10380098 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380099 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380100 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380101 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380102 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380103 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380104 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380105 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380106 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380107 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380108 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380109 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380110 BLUEGILL
NETTING	FYKE NET	24-Apr-14	10380111 BLUEGILL
NETTING	FYKE NET	24-Apr-14 24-Apr-14	10380111 BLUEGILL
NETTING			
INCLUNG			
NETTING	FYKE NET FYKE NET	24-Apr-14 24-Apr-14	10380113 BLUEGILL 10380114 BLUEGILL

NETTING	FYKE NET	24-Apr-14	10380115 BLUEGILL	1
NETTING	FYKE NET	24-Apr-14	10380116 BLUEGILL	1
NETTING	FYKE NET	24-Apr-14	10380117 BLUEGILL	1
NETTING	FYKE NET	24-Apr-14	10380158 BLUEGILL	68
NETTING	FYKE NET	24-Apr-14	10380160 BLUEGILL	1
NETTING	FYKE NET	24-Apr-14	10380161 BLUEGILL	1
NETTING	FYKE NET	24-Apr-14	10380162 BLUEGILL	1
NETTING	FYKE NET	24-Apr-14	10380163 BLUEGILL	1
NETTING	FYKE NET	24-Apr-14	10380164 BLUEGILL	1
NETTING	FYKE NET	25-Apr-14	10380168 BLUEGILL	1
NETTING	FYKE NET	25-Apr-14	10380172 BLUEGILL	1
NETTING	FYKE NET	25-Apr-14	10380198 BLUEGILL	9
NETTING	FYKE NET	25-Apr-14	10380205 BLUEGILL	2
NETTING	FYKE NET	25-Apr-14	10380213 BLUEGILL	48
NETTING	FYKE NET	25-Apr-14	10380218 BLUEGILL	38
NETTING	FYKE NET	25-Apr-14	10380233 BLUEGILL	34
NETTING	FYKE NET	25-Apr-14	10380253 BLUEGILL	18
NETTING	FYKE NET	25-Apr-14	10380265 BLUEGILL	20
NETTING	FYKE NET	25-Apr-14	10380267 BLUEGILL	80
NETTING	FYKE NET	25-Apr-14	10380269 BLUEGILL	8
NETTING	FYKE NET	25-Apr-14	10380272 BLUEGILL	11
NETTING	FYKE NET	25-Apr-14	10380284 BLUEGILL	34
NETTING	FYKE NET	25-Apr-14	10380300 BLUEGILL	49
NETTING	FYKE NET	26-Apr-14	10380302 BLUEGILL	1
NETTING	FYKE NET	26-Apr-14	10380326 BLUEGILL	25
NETTING	FYKE NET	26-Apr-14	10380332 BLUEGILL	6
NETTING	FYKE NET	26-Apr-14	10380357 BLUEGILL	58
NETTING	FYKE NET	26-Apr-14	10380378 BLUEGILL	40
NETTING	FYKE NET	26-Apr-14	10380398 BLUEGILL	29
NETTING	FYKE NET	26-Apr-14	10380404 BLUEGILL	9
NETTING	FYKE NET	26-Apr-14	10380420 BLUEGILL	109
NETTING	FYKE NET	26-Apr-14	10380421 BLUEGILL	40
NETTING	FYKE NET	26-Apr-14	10380424 BLUEGILL	20
NETTING	FYKE NET	26-Apr-14	10380431 BLUEGILL	29
NETTING	FYKE NET	26-Apr-14	10380433 BLUEGILL	7
NETTING	FYKE NET	26-Apr-14	10380438 BLUEGILL	9
NETTING	MINI FYKE NET	20-Jun-18	12626971 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626972 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626973 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626974 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626975 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626976 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626977 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626978 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626979 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626980 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626981 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626982 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626983 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626984 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626985 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626986 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626987 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626988 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626989 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626990 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626991 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626992 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626993 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626994 BLUEGILL	1
NETTING	MINI FYKE NET	20-Jun-18	12626995 BLUEGILL	1
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NETTING MINI FYKE NET	20-Jun-18	12626996	BLUEGILL	1		
NETTING MINI FYKE NET	20-Jun-18	12626997	BLUEGILL	1		
NETTING MINI FYKE NET	20-Jun-18	12626998	BLUEGILL	1		
NETTING MINI FYKE NET	20-Jun-18	12626999	BLUEGILL	1		
NETTING MINI FYKE NET	20-Jun-18	12627000	BLUEGILL	1	3499	40.49%
NETTING FYKE NET	8-Apr-05	4002669	BROOK TROUT	1		
NETTING FYKE NET	9-Apr-05	4002734	BROOK TROUT	1		
NETTING FYKE NET	11-Apr-05	4002765	BROOK TROUT	1	3	0.03%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223487	BROWN BULLHEAD	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223488	BROWN BULLHEAD	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223489	BROWN BULLHEAD	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223490	BROWN BULLHEAD	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223491	BROWN BULLHEAD	1		
NETTING FYKE NET	9-Jun-03	2107253	BROWN BULLHEAD	2		
NETTING FYKE NET	9-Jun-03	2107254	BROWN BULLHEAD	2		
NETTING FYKE NET	10-Jun-03	2107282	BROWN BULLHEAD	2		
NETTING FYKE NET	13-Jun-03	2107293	BROWN BULLHEAD	1		
NETTING FYKE NET	13-Jun-03	2107324	BROWN BULLHEAD	1	13	0.15%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226340	BROWN TROUT	1		
NETTING FYKE NET	25-Apr-14	10380235	BROWN TROUT	1	2	0.02%
NETTING FYKE NET	25-Apr-08	6774664	BURBOT	1	1	0.01%
ELECTROFIS BOOM SHOCKEI	1-Oct-03		CENTRAL MUDMINNOW	4		
ELECTROFIS BOOM SHOCKEI	1-Oct-03		CENTRAL MUDMINNOW	2		
NETTING FYKE NET	8-Apr-05		CENTRAL MUDMINNOW	- 1		
ELECTROFIS BOOM SHOCKE	9-Jun-08		CENTRAL MUDMINNOW	- 1		
ELECTROFIS BOOM SHOCKE	9-Jun-08		CENTRAL MUDMINNOW	1		
ELECTROFIS BOOM SHOCKE	9-Jun-08		CENTRAL MUDMINNOW	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08		CENTRAL MUDMINNOW	1		
ELECTROFIS BOOM SHOCKER	9-Jun-08		CENTRAL MUDMINNOW	2		
ELECTROFIS BOOM SHOCKE			CENTRAL MUDMINNOW	1		
	9-Jun-08			1		
ELECTROFIS BOOM SHOCKE	9-Jun-08		CENTRAL MUDMINNOW		10	0.100/
	9-Jun-08			1	16	0.19%
ELECTROFIS BOOM SHOCKEI	4-Oct-07			1	2	0.020/
NETTING FYKE NET	24-Apr-08		CHESTNUT LAMPREY	2	3	0.03%
ELECTROFIS BOOM SHOCKEI	1-Oct-03		COMMON SHINER	5		
ELECTROFIS BOOM SHOCKEI	1-Oct-03		COMMON SHINER	6		
ELECTROFIS BOOM SHOCKEI	1-Oct-03		COMMON SHINER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03		COMMON SHINER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149580	COMMON SHINER	3		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149581	COMMON SHINER	3		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149582	COMMON SHINER	1		
NETTING FYKE NET	11-Apr-05	4002767	COMMON SHINER	2	22	0.25%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223492	CRAPPIES	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223493	CRAPPIES	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223494	CRAPPIES	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223495	CRAPPIES	1	4	0.05%
NETTING FYKE NET	9-Jun-03	2107242	GOLDEN SHINER	1		
NETTING FYKE NET	14-Jun-03	2107334	GOLDEN SHINER	7		
NETTING FYKE NET	15-Jun-03	2107367	GOLDEN SHINER	2		
NETTING FYKE NET	10-Apr-05	4002784	GOLDEN SHINER	1		
NETTING FYKE NET	11-Apr-05	4002774	GOLDEN SHINER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783685	GOLDEN SHINER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08		GOLDEN SHINER	1	14	0.16%
ELECTROFIS BOOM SHOCKEI	9-Jun-08		GREATER REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08		GREATER REDHORSE	1	2	0.02%
ELECTROFIS BOOM SHOCKEI	3-Oct-01		LARGEMOUTH BASS	1		<u> </u>
ELECTROFIS BOOM SHOCKEI	3-Oct-01		LARGEMOUTH BASS	- 1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01		LARGEMOUTH BASS	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01		LARGEMOUTH BASS	2		
ELECTROFIS BOOM SHOCKER	3-Oct-01		LARGEMOUTH BASS	2		
ELECTROFIS BOOM SHOCKE	3-Oct-01 3-Oct-01		LARGEMOUTH BASS	1		
LECTION, DOON SHOCKED	5 000-01	2000314		Ŧ		

ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068915 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068916 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068917 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068918 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068919 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068920 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068921 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068922 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068923 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068924 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068925 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068926 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	26-Sep-02	13422156 LARGEMOUTH BASS	16
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068987 LARGEMOUTH BASS	10
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068988 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	4-0ct-02 4-0ct-02	2068989 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068990 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068991 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068992 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068993 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068994 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068995 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068996 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068997 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068998 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068999 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2069000 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2069001 LARGEMOUTH BASS	1
NETTING FYKE NET	8-Jun-03	2107207 LARGEMOUTH BASS	1
NETTING FYKE NET	8-Jun-03	2107234 LARGEMOUTH BASS	1
NETTING FYKE NET	15-Jun-03	2104434 LARGEMOUTH BASS	1
NETTING FYKE NET	15-Jun-03	2104435 LARGEMOUTH BASS	1
NETTING FYKE NET	15-Jun-03	2104436 LARGEMOUTH BASS	1
NETTING FYKE NET	15-Jun-03	2104437 LARGEMOUTH BASS	1
NETTING FYKE NET	15-Jun-03	2107380 LARGEMOUTH BASS	3
NETTING FYKE NET	15-Jun-03	2107381 LARGEMOUTH BASS	3
NETTING FYKE NET	15-Jun-03	2107382 LARGEMOUTH BASS	3
NETTING MINI FYKE NET	15-Jul-03	2115232 LARGEMOUTH BASS	1
NETTING MINI FYKE NET	15-Jul-03	2115237 LARGEMOUTH BASS	2
NETTING MINI FYKE NET	15-Jul-03	2115238 LARGEMOUTH BASS	2
NETTING MINI FYKE NET	15-Jul-03	2115241 LARGEMOUTH BASS	1
NETTING MINI FYKE NET	15-Jul-03	2115242 LARGEMOUTH BASS	3
NETTING MINI FYKE NET	15-Jul-03	2115243 LARGEMOUTH BASS	3
NETTING MINI FYKE NET	15-Jul-03	2115244 LARGEMOUTH BASS	1
NETTING MINI FYKE NET	15-Jul-03	2115245 LARGEMOUTH BASS	2
NETTING MINI FYKE NET	15-Jul-03	2115246 LARGEMOUTH BASS	3
NETTING MINI FYKE NET	15-Jul-03	2115257 LARGEMOUTH BASS	2
NETTING MINI FYKE NET	15-Jul-03	2115257 LARGEMOUTH BASS	6
NETTING MINI FYKE NET	15-Jul-03	2115259 LANGEMOUTH BASS	2
NETTING MINI FYKE NET	15-Jul-03	2115260 LARGEMOUTH BASS	2
		2115279 LARGEMOUTH BASS	1
	15-Jul-03		
NETTING MINI FYKE NET	15-Jul-03	2115280 LARGEMOUTH BASS	2
NETTING MINI FYKE NET	16-Jul-03	2115309 LARGEMOUTH BASS	34
NETTING MINI FYKE NET	16-Jul-03	2115310 LARGEMOUTH BASS	2
NETTING MINI FYKE NET	16-Jul-03	2115311 LARGEMOUTH BASS	1
NETTING MINI FYKE NET	16-Jul-03	2115312 LARGEMOUTH BASS	7
NETTING MINI FYKE NET	16-Jul-03	2115313 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149337 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149474 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149475 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149476 LARGEMOUTH BASS	1

ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149477 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149478 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724733 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724734 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724735 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724736 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724737 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724738 LARGEMOUTH BASS	1
	6-Oct-04	2724739 LARGEMOUTH BASS	1
	6-Oct-04	2724740 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKER	6-Oct-04	2724741 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724741 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724742 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKER	6-Oct-04	2724744 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKER	6-Oct-04	2724745 LARGEMOUTH BASS	4
ELECTROFIS BOOM SHOCKER	6-Oct-04	2724746 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724747 LARGEMOUTH BASS	1
NETTING FYKE NET	9-Apr-05	4002731 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	27-Apr-05	2740552 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	27-Apr-05	2740553 LARGEMOUTH BASS	3
ELECTROFIS BOOM SHOCKEI	27-Apr-05	2740554 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	27-Apr-05	2740555 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	27-Apr-05	2740556 LARGEMOUTH BASS	1
OTHER HOOK AND LINE	11-May-05	2740680 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868311 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868312 LARGEMOUTH BASS	12
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868313 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868314 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868315 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868316 LARGEMOUTH BASS	6
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868317 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868318 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868319 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868320 LARGEMOUTH BASS	3
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868321 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868322 LARGEMOUTH BASS	3
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868323 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868324 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868325 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057403 LARGEMOUTH BASS	2
	4-Oct-07	6057405 LARGEMOUTH BASS	3
	4-Oct-07	6057406 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057410 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057411 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057412 LARGEMOUTH BASS	1
	4-Oct-07	6057413 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057414 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057416 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07 4-Oct-07	6057417 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057417 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI			5
	4-Oct-07	6057419 LARGEMOUTH BASS	
	4-Oct-07	6057420 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057421 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057422 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057423 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057424 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057425 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057426 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057427 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057556 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057557 LARGEMOUTH BASS	1

ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057558 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057559 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783756 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783757 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783758 LARGEMOUTH BASS	3
	9-Jun-08	6783759 LARGEMOUTH BASS	4
ELECTROFIS BOOM SHOCKER	9-Jun-08	6783760 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783761 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKER	9-Jun-08	6783762 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKER	9-Jun-08	6783763 LARGEMOUTH BASS	1
	9-Jun-08		
ELECTROFIS BOOM SHOCKER		6783764 LARGEMOUTH BASS 6783765 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKER	9-Jun-08		1
ELECTROFIS BOOM SHOCKER	9-Jun-08	6783766 LARGEMOUTH BASS	3
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783767 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783768 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783828 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783829 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783830 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783831 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783832 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783833 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783834 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783835 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783836 LARGEMOUTH BASS	2
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783837 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783838 LARGEMOUTH BASS	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783839 LARGEMOUTH BASS	2
NETTING FYKE NET	2-May-13	9967988 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967989 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967990 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967991 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967992 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967993 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967994 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967995 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967996 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967997 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967998 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9967999 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968000 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968001 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968002 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968003 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968004 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968005 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968006 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968007 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968008 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968009 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968010 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968011 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968012 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968013 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968014 LARGEMOUTH BASS	1
NETTING FYKE NET	2-May-13	9968015 LARGEMOUTH BASS	1
NETTING FYKE NET	24-Apr-14	10379884 LARGEMOUTH BASS	1
NETTING FYKE NET	24-Apr-14	10379885 LARGEMOUTH BASS	1
NETTING FYKE NET	24-Apr-14	10379890 LARGEMOUTH BASS	1
NETTING FYKE NET	24-Apr-14	10379905 LARGEMOUTH BASS	1
NETTING FYKE NET	24-Apr-14	10379907 LARGEMOUTH BASS	1
NETTING FYKE NET	24-Apr-14	10379928 LARGEMOUTH BASS	1
			1

NETTING FYKE NET	24-Apr-14	10379930 LARGEMOUTH BASS	1		
NETTING FYKE NET	24-Apr-14	10379940 LARGEMOUTH BASS	1		
NETTING FYKE NET	24-Apr-14	10379979 LARGEMOUTH BASS	1		
NETTING FYKE NET	26-Apr-14	10380329 LARGEMOUTH BASS	1		
NETTING FYKE NET	26-Apr-14	10380336 LARGEMOUTH BASS	1		
NETTING FYKE NET	26-Apr-14	10380337 LARGEMOUTH BASS	1	336	3.89%
NETTING FYKE NET	8-Apr-05	4002720 LOGPERCH	1		
NETTING FYKE NET	8-Apr-05	4002721 LOGPERCH	1		
NETTING FYKE NET	8-Apr-05	4002722 LOGPERCH	1	3	0.03%
ELECTROFIS BOOM SHOCKER	3-Oct-01	2068952 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068953 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068954 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKE	3-Oct-01 3-Oct-01	2068955 MUSKELLUNGE 2068956 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKE	26-Sep-02	1998702 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKE	26-Sep-02 26-Sep-02	1998703 MUSKELLUNGE	2		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998704 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998705 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998706 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998707 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068977 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068978 MUSKELLUNGE	- 1		
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068979 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068980 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068981 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068982 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149321 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149322 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149323 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149324 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149443 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149444 MUSKELLUNGE	2		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724725 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724726 MUSKELLUNGE	2		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724727 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724728 MUSKELLUNGE	4		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724729 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724730 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724731 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724732 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	27-Apr-05	2740549 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	27-Apr-05	2740550 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKE	27-Apr-05	2740551 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKER	25-Sep-06	3868327 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKER	25-Sep-06	3868328 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKER	25-Sep-06	3868329 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868330 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	25-Sep-06 4-Oct-07	3868331 MUSKELLUNGE 6057561 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774484 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774485 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774486 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08 24-Apr-08	6774487 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774488 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774489 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774490 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774491 MUSKELLUNGE	1		
NETTING FYKE NET	24-Apr-08	6774492 MUSKELLUNGE	1		
NETTING FYKE NET	25-Apr-08	6774649 MUSKELLUNGE	1		
NETTING FYKE NET	25-Apr-08	6774650 MUSKELLUNGE	1		
NETTING FYKE NET	25-Apr-08	6774651 MUSKELLUNGE	1		

NETTING FYKE NET	25-Apr-08	6774652 MUSKELLUNGE	1		
NETTING FYKE NET	25-Apr-08	6774653 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783849 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967978 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967979 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967980 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967981 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967982 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967983 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967984 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967985 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9967986 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9968016 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9968017 MUSKELLUNGE	1		
NETTING FYKE NET	2-May-13	9968021 MUSKELLUNGE	1		
ELECTROFIS BOOM SHOCKEI	28-Apr-14	10380439 MUSKELLUNGE	1		
OTHER HOOK AND LINE	21-May-14	13225711 MUSKELLUNGE	1		
OTHER HOOK AND LINE	21-May-14	13225712 MUSKELLUNGE	1		
OTHER HOOK AND LINE	1-Jun-18	12565194 MUSKELLUNGE	1		
OTHER HOOK AND LINE	4-Jul-18	12565195 MUSKELLUNGE	1	78	0.90%
NETTING FYKE NET	24-Apr-08	6774505 NORTHERN HOG SUCKER	1		
NETTING FYKE NET	24-Apr-08	6774506 NORTHERN HOG SUCKER	1		
NETTING FYKE NET	24-Apr-08	6774507 NORTHERN HOG SUCKER	1		
NETTING FYKE NET	25-Apr-08	6774668 NORTHERN HOG SUCKER	1	4	0.05%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223454 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223455 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223456 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223457 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223458 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223459 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223460 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223461 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223462 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223463 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226341 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226342 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226343 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226344 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226345 NORTHERN PIKE	4		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226346 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226347 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226348 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226349 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226350 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226351 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226352 NORTHERN PIKE	4		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226353 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226354 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226355 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226356 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226357 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226358 NORTHERN PIKE	4		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8226359 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068927 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068928 NORTHERN PIKE	37		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068929 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068930 NORTHERN PIKE	7		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068931 NORTHERN PIKE	2		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068932 NORTHERN PIKE	3		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068933 NORTHERN PIKE	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068934 NORTHERN PIKE	1		

ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068935 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068936 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068937 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068938 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068939 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068940 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068941 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068942 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068943 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068944 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068945 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068946 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068947 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068948 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068949 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068950 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068951 NORTHERN PIKE	1
NETTING FYKE NET	28-May-02	2088798 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998672 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998673 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998674 NORTHERN PIKE	6
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998675 NORTHERN PIKE	4
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998676 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998677 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998678 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998679 NORTHERN PIKE	4
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998680 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998681 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998682 NORTHERN PIKE	5
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998683 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998684 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKE	26-Sep-02	1998685 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998686 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998687 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998688 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998689 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998690 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998691 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998692 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998693 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998694 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998695 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998696 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998697 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998698 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998699 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998700 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998701 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068957 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068958 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068959 NORTHERN PIKE	7
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068960 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068961 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068962 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068963 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068964 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068965 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068966 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068967 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068968 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	4-Oct-02	2068969 NORTHERN PIKE	1

ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068970 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068971 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068972 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068973 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068974 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068975 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068976 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068983 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068984 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068985 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-02	2068986 NORTHERN PIKE	1
NETTING FYKE NET	8-Jun-03	2107202 NORTHERN PIKE	1
NETTING FYKE NET	8-Jun-03	2107235 NORTHERN PIKE	1
NETTING FYKE NET	9-Jun-03	2107239 NORTHERN PIKE	3
NETTING FYKE NET	9-Jun-03	2107269 NORTHERN PIKE	3
NETTING FYKE NET	9-Jun-03	2107270 NORTHERN PIKE	3
NETTING FYKE NET	9-Jun-03	2107271 NORTHERN PIKE	3
NETTING FYKE NET	13-Jun-03	2107287 NORTHERN PIKE	1
NETTING FYKE NET	13-Jun-03	2107292 NORTHERN PIKE	1
NETTING FYKE NET	13-Jun-03	2107326 NORTHERN PIKE	2
NETTING FYKE NET	13-Jun-03	2107327 NORTHERN PIKE	2
NETTING FYKE NET	14-Jun-03	2107333 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2104428 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2104429 NORTHERN PIKE	2
NETTING FYKE NET	15-Jun-03	2104430 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2104431 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2104432 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2104433 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2107373 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2107379 NORTHERN PIKE	1
NETTING FYKE NET	15-Jun-03	2107383 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149313 NORTHERN PIKE	1
	1-Oct-03	2149314 NORTHERN PIKE	1
	1-Oct-03	2149315 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149316 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	1-Oct-03 1-Oct-03	2149317 NORTHERN PIKE 2149318 NORTHERN PIKE	1 1
ELECTROFIS BOOM SHOCKER	1-Oct-03	2149319 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149313 NORTHERN PIKE	1
	1-Oct-03	2149460 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149461 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149462 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149463 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149464 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149465 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149466 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149467 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149468 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724748 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724749 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724750 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724751 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724752 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724753 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724754 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724755 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724756 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724757 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724758 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724759 NORTHERN PIKE	4
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724760 NORTHERN PIKE	2

ELECTROFIS BOOM SHOCKE	6-Oct-04	2724761 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724762 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724763 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724764 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724765 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724766 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724767 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724768 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724769 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724770 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724771 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724772 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724773 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724774 NORTHERN PIKE	1
NETTING FYKE NET	10-Apr-05	4002782 NORTHERN PIKE	1
NETTING FYKE NET	10-Apr-05	4002783 NORTHERN PIKE	1
NETTING FYKE NET	11-Apr-05	4002759 NORTHERN PIKE	1
NETTING FYKE NET	11-Apr-05	4002760 NORTHERN PIKE	1
NETTING FYKE NET	11-Apr-05	4002761 NORTHERN PIKE	1
NETTING FYKE NET	11-Apr-05	4002762 NORTHERN PIKE	1
NETTING FYKE NET	11-Apr-05	4002763 NORTHERN PIKE	1
NETTING FYKE NET	11-Apr-05	4002764 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	27-Apr-05	2740547 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	27-Apr-05	2740548 NORTHERN PIKE	3
OTHER HOOK AND LINE	11-May-05	2740681 NORTHERN PIKE	3
OTHER HOOK AND LINE	11-May-05	2740682 NORTHERN PIKE	3
OTHER HOOK AND LINE	11-May-05	2740683 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868332 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868333 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868334 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868335 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868336 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868337 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868338 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868339 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868340 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868341 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868342 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868343 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057434 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057435 NORTHERN PIKE	2
	4-Oct-07	6057436 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057437 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057438 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057439 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057440 NORTHERN PIKE 6057441 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKED	4-Oct-07	6057441 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057443 NORTHERN PIKE	1 3
ELECTROFIS BOOM SHOCKER	4-Oct-07 4-Oct-07	6057444 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07 4-Oct-07	6057445 NORTHERN PIKE 6057446 NORTHERN PIKE	1 1
ELECTROFIS BOOM SHOCKEI	4-0ct-07 4-0ct-07	6057552 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-0ct-07 4-0ct-07	6057553 NORTHERN PIKE	3
ELECTROFIS BOOM SHOCKEI	4-0ct-07 4-0ct-07	6057554 NORTHERN PIKE	5 1
ELECTROFIS BOOM SHOCKEI	4-0ct-07 4-0ct-07	6057555 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	4-0ct-07 4-0ct-07	6057560 NORTHERN PIKE	1
NETTING FYKE NET	24-Apr-08	6774427 NORTHERN PIKE	1
NETTING FYKE NET	24-Apr-08 24-Apr-08	6774428 NORTHERN PIKE	1
NETTING FYKE NET	24-Apr-08	6774429 NORTHERN PIKE	3
NETTING FYKE NET	24-Apr-08	6774430 NORTHERN PIKE	3
	pi 00		5

NETTING	FYKE NET	24-Apr-08	6774431 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774432 NORTHERN PIKE	3
NETTING	FYKE NET	24-Apr-08	6774433 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774434 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774435 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774436 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774437 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774438 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774439 NORTHERN PIKE	1
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NETTING	FYKE NET	24-Apr-08	6774440 NORTHERN PIKE	4
NETTING	FYKE NET	24-Apr-08	6774441 NORTHERN PIKE	4
NETTING	FYKE NET	24-Apr-08	6774442 NORTHERN PIKE	3
NETTING	FYKE NET	24-Apr-08	6774443 NORTHERN PIKE	3
NETTING	FYKE NET	24-Apr-08	6774444 NORTHERN PIKE	3
NETTING	FYKE NET	24-Apr-08	6774445 NORTHERN PIKE	3
NETTING	FYKE NET	24-Apr-08	6774446 NORTHERN PIKE	3
NETTING	FYKE NET	24-Apr-08	6774447 NORTHERN PIKE	4
NETTING	FYKE NET	24-Apr-08	6774448 NORTHERN PIKE	4
NETTING	FYKE NET	24-Apr-08	6774449 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774450 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774451 NORTHERN PIKE	4
NETTING	FYKE NET	24-Apr-08	6774452 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774453 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774454 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774455 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774456 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774457 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774458 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774459 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774460 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774461 NORTHERN PIKE	2
		•		2
NETTING	FYKE NET	24-Apr-08	6774462 NORTHERN PIKE	
NETTING	FYKE NET	24-Apr-08	6774463 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774464 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774465 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774466 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774467 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774468 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774469 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774470 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774471 NORTHERN PIKE	3
NETTING	FYKE NET	24-Apr-08	6774472 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774473 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774474 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774475 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774476 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774477 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774478 NORTHERN PIKE	2
NETTING	FYKE NET	24-Apr-08	6774479 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774480 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774481 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774482 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-08	6774483 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774589 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774590 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774591 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774592 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774593 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774594 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774595 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774596 NORTHERN PIKE	1
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NETTING	FYKE NET	25-Apr-08	6774597 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774598 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774599 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774600 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774601 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774602 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774603 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774604 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774605 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774606 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774607 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774608 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774609 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774610 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774611 NORTHERN PIKE	3
NETTING	FYKE NET	25-Apr-08	6774612 NORTHERN PIKE	5
NETTING	FYKE NET	25-Apr-08	6774613 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774614 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774615 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774616 NORTHERN PIKE	4
NETTING	FYKE NET	25-Apr-08	6774617 NORTHERN PIKE	3
	FYKE NET			2
NETTING		25-Apr-08	6774618 NORTHERN PIKE	
NETTING	FYKE NET	25-Apr-08	6774619 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774620 NORTHERN PIKE	3
NETTING	FYKE NET	25-Apr-08	6774621 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774622 NORTHERN PIKE	3
NETTING	FYKE NET	25-Apr-08	6774623 NORTHERN PIKE	5
NETTING	FYKE NET	25-Apr-08	6774624 NORTHERN PIKE	4
NETTING	FYKE NET	25-Apr-08	6774625 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774626 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774627 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774628 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774629 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774630 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774631 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774632 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774633 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774634 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774635 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774636 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774637 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774638 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774639 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774640 NORTHERN PIKE	2
NETTING	FYKE NET	25-Apr-08	6774641 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774642 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774643 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774644 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774645 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774646 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774647 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-08	6774648 NORTHERN PIKE	1
ELECTROF	ISBOOM SHOCKEI	9-Jun-08	6783737 NORTHERN PIKE	1
ELECTROF	ISBOOM SHOCKEI	9-Jun-08	6783738 NORTHERN PIKE	1
ELECTROF	ISBOOM SHOCKEI	9-Jun-08	6783739 NORTHERN PIKE	1
ELECTROF	ISBOOM SHOCKEI	9-Jun-08	6783740 NORTHERN PIKE	1
	ISBOOM SHOCKEI	9-Jun-08	6783741 NORTHERN PIKE	1
	ISBOOM SHOCKEI	9-Jun-08	6783742 NORTHERN PIKE	1
	ISBOOM SHOCKEI	9-Jun-08	6783743 NORTHERN PIKE	1
	ISBOOM SHOCKEI	9-Jun-08	6783744 NORTHERN PIKE	1
	ISBOOM SHOCKEI	9-Jun-08	6783745 NORTHERN PIKE	1

ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783746 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783747 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783748 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783749 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783750 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783769 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783770 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783771 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783772 NORTHERN PIKE	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783773 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783774 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783775 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783776 NORTHERN PIKE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783777 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968022 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968023 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968024 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968025 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968026 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968027 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968028 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968029 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968030 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968031 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968032 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968033 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968034 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968035 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968036 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968037 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968038 NORTHERN PIKE	1
NETTING FYKE NET	, 2-May-13	9968039 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968040 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968041 NORTHERN PIKE	1
NETTING FYKE NET	, 2-May-13	9968042 NORTHERN PIKE	1
NETTING FYKE NET	, 2-May-13	9968043 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968044 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968045 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968046 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968047 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968048 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968049 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968050 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968051 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968052 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968053 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968054 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968055 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968056 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968057 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968058 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968059 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968060 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968061 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968062 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968063 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968064 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968065 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968066 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968067 NORTHERN PIKE	1
NETTING FYKE NET	2-May-13	9968068 NORTHERN PIKE	1
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NETTING	FYKE NET	2-May-13	9968069 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968070 NORTHERN PIKE	1
NETTING	FYKE NET	, 2-May-13	9968071 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968072 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968073 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968074 NORTHERN PIKE	1
NETTING	FYKE NET	•	9968075 NORTHERN PIKE	1
		2-May-13		
NETTING	FYKE NET	2-May-13	9968076 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968077 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968078 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968079 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968080 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968081 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968082 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968083 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968084 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968085 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968086 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968087 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968088 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968089 NORTHERN PIKE	1
NETTING	FYKE NET	, 2-May-13	9968090 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968091 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968092 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968093 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968094 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968095 NORTHERN PIKE	1
NETTING			9968095 NORTHERN PIKE	1
	FYKE NET	2-May-13		1
NETTING	FYKE NET	2-May-13	9968097 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968098 NORTHERN PIKE	
NETTING	FYKE NET	2-May-13	9968099 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968100 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968101 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968102 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968103 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968104 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968105 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968106 NORTHERN PIKE	1
NETTING	FYKE NET	2-May-13	9968107 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379732 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379733 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379734 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379735 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379736 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379738 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379739 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379740 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379743 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379746 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379747 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379748 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379749 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379750 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379753 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379754 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379755 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379756 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379759 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379772 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379775 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14 23-Apr-14	10379776 NORTHERN PIKE	1
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NETTING	FYKE NET	23-Apr-14	10379785 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379788 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379790 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379792 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379802 NORTHERN PIKE	1
NETTING		23-Apr-14	10379823 NORTHERN PIKE	1
	FYKE NET	•		
NETTING	FYKE NET	23-Apr-14	10379824 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379825 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379826 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379827 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379831 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379832 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379833 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379834 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379835 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379836 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379837 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379838 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379839 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379840 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379842 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379843 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379844 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379845 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379848 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379849 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379850 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379851 NORTHERN PIKE	1
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NETTING	FYKE NET	23-Apr-14	10379852 NORTHERN PIKE	
NETTING	FYKE NET	23-Apr-14	10379853 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379854 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379857 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379858 NORTHERN PIKE	1
NETTING	FYKE NET	23-Apr-14	10379866 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379886 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379887 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379888 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379891 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379893 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379894 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379895 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379896 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379897 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379898 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379899 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379900 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379901 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379902 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379904 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379906 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379908 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379909 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379910 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379911 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379912 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379913 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379914 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14 24-Apr-14	10379916 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14 24-Apr-14	10379917 NORTHERN PIKE	1
NETTING		24-Apr-14 24-Apr-14	10379917 NORTHERN PIKE	1
	FYKE NET FYKE NET	24-Apr-14 24-Apr-14	10379919 NORTHERN PIKE	1
NETTING	I INE INE I	z+-4hi-14	TOJI JJIJ INOVI HEVIN FIKE	т

NETTING	FYKE NET	24-Apr-14	10379920 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14	10379923 NORTHERN PIKE	1
NETTING	FYKE NET	•	10379924 NORTHERN PIKE	1
		24-Apr-14		
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14	10379933 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379938 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379939 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379941 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379945 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379946 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379947 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379948 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	•		1
-		24-Apr-14		
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14	10379961 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14		1
NETTING	FYKE NET	24-Apr-14	10379968 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379969 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379970 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379971 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379972 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379974 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379975 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379976 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379977 NORTHERN PIKE	1
NETTING	FYKE NET	24-Apr-14	10379978 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14		1
NETTING	FYKE NET	25-Apr-14	10380166 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380167 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14		1
NETTING	FYKE NET	25-Apr-14	10380171 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380173 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14 25-Apr-14		1
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NETTING NETTING	FYKE NET	25-Apr-14		1 1
	FYKE NET	25-Apr-14	10380176 NORTHERN PIKE	
NETTING	FYKE NET	25-Apr-14		1
NETTING	FYKE NET	25-Apr-14		1
NETTING	FYKE NET	25-Apr-14	10380179 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380180 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14		1
NETTING	FYKE NET	25-Apr-14		1
NETTING	FYKE NET	25-Apr-14	10380183 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380184 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380185 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380186 NORTHERN PIKE	1

NETTING	FYKE NET	25-Apr-14	10380187 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380188 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380189 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380190 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380191 NORTHERN PIKE	1
NETTING		25-Apr-14	10380192 NORTHERN PIKE	1
	FYKE NET	•		
NETTING	FYKE NET	25-Apr-14	10380199 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380200 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380201 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380202 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380203 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380206 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380207 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380208 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380209 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380210 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380211 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380214 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380215 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380216 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380217 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380226 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380227 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380228 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380229 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380230 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380231 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380232 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380247 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380248 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380249 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380250 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380251 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380255 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380256 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380257 NORTHERN PIKE	1
NETTING	FYKE NET		10380257 NORTHERN PIKE	1
		25-Apr-14		
NETTING	FYKE NET	25-Apr-14	10380259 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380260 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380261 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380273 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380274 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380275 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380276 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380277 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380278 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380279 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380280 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380281 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380282 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380290 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380291 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380292 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380293 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380294 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380295 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380296 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380297 NORTHERN PIKE	1
NETTING	FYKE NET	25-Apr-14	10380298 NORTHERN PIKE	1
NETTING	FYKE NET	26-Apr-14	10380303 NORTHERN PIKE	1
NETTING	FYKE NET	26-Apr-14	10380304 NORTHERN PIKE	1
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NETTING	FYKE NET	26-Apr-14	10380308 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380309 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380310 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380311 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380312 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380313 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380314 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380315 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380316 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380317 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380318 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380319 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380320 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380321 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380322 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380323 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380327 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380328 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380330 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380331 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380334 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380338 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14 26-Apr-14	10380339 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14 26-Apr-14	10380340 NORTHERN PIKE	1		
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NETTING	FYKE NET	26-Apr-14	10380341 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380342 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380344 NORTHERN PIKE			
NETTING	FYKE NET	26-Apr-14	10380345 NORTHERN PIKE	1 1		
NETTING	FYKE NET	26-Apr-14	10380363 NORTHERN PIKE			
NETTING	FYKE NET	26-Apr-14	10380364 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380365 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380366 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380370 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380371 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380372 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380373 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380374 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380375 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380384 NORTHERN PIKE	1		
	FYKE NET	26-Apr-14	10380385 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380386 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380387 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380388 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380391 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380392 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380393 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380394 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380407 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380408 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380409 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380410 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380411 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380412 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380413 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380414 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380415 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380416 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380417 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380423 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380428 NORTHERN PIKE	1		
NETTING	FYKE NET	26-Apr-14	10380432 NORTHERN PIKE	1	953	11.03%

NETTING FYKE NET	25-Apr-08	6774660 NORTHERN PIKE X MUSKELLUNGE	1		/
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783850 NORTHERN PIKE X MUSKELLUNGE	1	2	0.02%
NETTING FYKE NET ELECTROFIS BOOM SHOCKEI	8-Apr-05 27-Oct-65	4002724 PUGNOSE SHINER 8223501 PUMPKINSEED	1	1	0.01%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223501 POMPRINSEED 8223502 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKE	27-Oct-65	8223502 FOMPKINSEED	1		
ELECTROFIS BOOM SHOCKE	27-Oct-65	8223504 PUMPKINSEED	1		
NETTING FYKE NET	28-May-02	2088780 PUMPKINSEED	173		
NETTING FYKE NET	28-May-02	2088781 PUMPKINSEED	12		
NETTING FYKE NET	28-May-02	2088782 PUMPKINSEED	12		
NETTING FYKE NET	28-May-02	2088783 PUMPKINSEED	12		
NETTING FYKE NET	28-May-02	2088784 PUMPKINSEED	10		
NETTING FYKE NET	28-May-02	2088785 PUMPKINSEED	4		
NETTING FYKE NET	28-May-02	2088786 PUMPKINSEED	2		
NETTING FYKE NET	28-May-02	2088787 PUMPKINSEED	4		
	26-Sep-02	13422154 PUMPKINSEED	10		
NETTING FYKE NET	8-Jun-03	2107201 PUMPKINSEED	25		
NETTING FYKE NET	8-Jun-03	2107204 PUMPKINSEED	6		
NETTING FYKE NET	8-Jun-03	2107206 PUMPKINSEED	33		
NETTING FYKE NET	8-Jun-03	2107222 PUMPKINSEED	6		
NETTING FYKE NET	8-Jun-03	2107223 PUMPKINSEED	6		
NETTING FYKE NET	8-Jun-03	2107224 PUMPKINSEED	8		
NETTING FYKE NET	8-Jun-03	2107225 PUMPKINSEED	19		
NETTING FYKE NET	8-Jun-03	2107226 PUMPKINSEED	16		
NETTING FYKE NET	8-Jun-03	2107227 PUMPKINSEED	6		
NETTING FYKE NET	9-Jun-03	2107236 PUMPKINSEED	6		
NETTING FYKE NET	9-Jun-03	2107238 PUMPKINSEED	125		
IETTING FYKE NET	9-Jun-03	2107255 PUMPKINSEED	2		
NETTING FYKE NET	9-Jun-03	2107256 PUMPKINSEED	5		
NETTING FYKE NET	9-Jun-03	2107257 PUMPKINSEED	14		
IETTING FYKE NET	9-Jun-03	2107258 PUMPKINSEED	11		
NETTING FYKE NET	9-Jun-03	2107259 PUMPKINSEED	28		
NETTING FYKE NET	9-Jun-03	2107260 PUMPKINSEED	27		
NETTING FYKE NET	9-Jun-03	2107261 PUMPKINSEED	8		
NETTING FYKE NET	9-Jun-03	2107262 PUMPKINSEED	2		
NETTING FYKE NET	9-Jun-03	2107263 PUMPKINSEED	1		
IETTING FYKE NET	10-Jun-03	2107273 PUMPKINSEED	14		
NETTING FYKE NET	10-Jun-03	2107275 PUMPKINSEED	26		
IETTING FYKE NET	10-Jun-03	2107279 PUMPKINSEED	58		
IETTING FYKE NET	13-Jun-03	2107284 PUMPKINSEED	10		
IETTING FYKE NET	13-Jun-03	2107289 PUMPKINSEED	47		
IETTING FYKE NET	13-Jun-03	2107295 PUMPKINSEED	40		
IETTING FYKE NET	13-Jun-03	2107298 PUMPKINSEED	7		
ETTING FYKE NET	13-Jun-03	2107299 PUMPKINSEED	3		
IETTING FYKE NET	13-Jun-03	2107300 PUMPKINSEED	4		
IETTING FYKE NET	13-Jun-03	2107301 PUMPKINSEED	2		
IETTING FYKE NET	13-Jun-03	2107302 PUMPKINSEED	6		
IETTING FYKE NET	13-Jun-03	2107303 PUMPKINSEED	20		
IETTING FYKE NET	13-Jun-03	2107304 PUMPKINSEED	20		
IETTING FYKE NET	13-Jun-03	2107305 PUMPKINSEED	27		
ETTING FYKE NET	13-Jun-03	2107306 PUMPKINSEED	11		
ETTING FYKE NET	13-Jun-03	2107307 PUMPKINSEED	2		
IETTING FYKE NET	14-Jun-03	2107331 PUMPKINSEED	62		
ETTING FYKE NET	14-Jun-03	2107341 PUMPKINSEED	20		
ETTING FYKE NET	14-Jun-03	2107345 PUMPKINSEED	26		
ETTING FYKE NET	15-Jun-03	2104404 PUMPKINSEED	7		
IETTING FYKE NET	15-Jun-03	2104405 PUMPKINSEED	3		
IETTING FYKE NET	15-Jun-03	2104406 PUMPKINSEED	6		
IETTING FYKE NET	15-Jun-03	2104407 PUMPKINSEED	7		
NETTING FYKE NET	15-Jun-03	2104408 PUMPKINSEED	20		
	20 0011 00		20		

NETTING FYKE NET	15-Jun-03	2104410 PUMPKINSEED	48
NETTING FYKE NET	15-Jun-03	2104411 PUMPKINSEED	54
NETTING FYKE NET	15-Jun-03	2104412 PUMPKINSEED	19
NETTING FYKE NET	15-Jun-03	2104413 PUMPKINSEED	4
NETTING FYKE NET	15-Jun-03	2104414 PUMPKINSEED	1
NETTING FYKE NET	15-Jun-03	2107364 PUMPKINSEED	57
NETTING FYKE NET	15-Jun-03	2107369 PUMPKINSEED	30
NETTING FYKE NET	15-Jun-03	2107375 PUMPKINSEED	40
NETTING MINI FYKE NET	15-Jul-03	2115234 PUMPKINSEED	1
NETTING MINI FYKE NET	15-Jul-03	2115256 PUMPKINSEED	1
NETTING MINI FYKE NET	15-Jul-03	2115271 PUMPKINSEED	4
NETTING MINI FYKE NET	15-Jul-03	2115272 PUMPKINSEED	2
NETTING MINI FYKE NET	15-Jul-03	2115273 PUMPKINSEED	5
NETTING MINI FYKE NET	15-Jul-03	2115274 PUMPKINSEED	5
NETTING MINI FYKE NET	15-Jul-03	2115275 PUMPKINSEED	4
NETTING MINI FYKE NET	15-Jul-03	2115276 PUMPKINSEED	7
NETTING MINI FYKE NET	15-Jul-03	2115277 PUMPKINSEED	2
NETTING MINI FYKE NET	15-Jul-03	2115278 PUMPKINSEED	1
NETTING MINI FYKE NET	16-Jul-03	2115297 PUMPKINSEED	1
NETTING MINI FYKE NET	16-Jul-03	2115298 PUMPKINSEED	3
NETTING MINI FYKE NET	16-Jul-03	2115299 PUMPKINSEED	2
NETTING MINI FYKE NET	16-Jul-03	2115300 PUMPKINSEED	7
NETTING MINI FYKE NET	16-Jul-03	2115301 PUMPKINSEED	5
NETTING MINI FYKE NET	16-Jul-03	2115302 PUMPKINSEED	7
NETTING MINI FYKE NET	16-Jul-03	2115303 PUMPKINSEED	6
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149523 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149524 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149525 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149526 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149527 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149589 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149590 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149591 PUMPKINSEED	1
OTHER HOOK AND LINE	11-May-05	2740672 PUMPKINSEED	1
OTHER HOOK AND LINE	11-May-05	2740673 PUMPKINSEED	2
OTHER HOOK AND LINE	11-May-05	2740674 PUMPKINSEED	1
OTHER HOOK AND LINE	11-May-05	2740675 PUMPKINSEED	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057591 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057592 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057593 PUMPKINSEED	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057594 PUMPKINSEED	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057595 PUMPKINSEED	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783298 PUMPKINSEED	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783299 PUMPKINSEED	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783300 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783301 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783302 PUMPKINSEED	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783303 PUMPKINSEED	5
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783304 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783305 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783306 PUMPKINSEED	3
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783307 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783308 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783309 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783310 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783311 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783312 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783313 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783314 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783315 PUMPKINSEED	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783316 PUMPKINSEED	1

ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783317 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783318 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783621 PUMPKINSEED	2		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783622 PUMPKINSEED	2		
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783623 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783624 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783625 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783626 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783627 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783628 PUMPKINSEED	2		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783629 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783630 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783631 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKER	9-Jun-08	6783632 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKER	9-Jun-08	6783633 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783634 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783635 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783636 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783637 PUMPKINSEED	3		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783638 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783639 PUMPKINSEED	2		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783640 PUMPKINSEED	4		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783641 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783642 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783643 PUMPKINSEED	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783644 PUMPKINSEED	1		
NETTING FYKE NET	23-Apr-14	10379762 PUMPKINSEED	1		
NETTING FYKE NET	23-Apr-14	10379789 PUMPKINSEED	1		
NETTING FYKE NET	23-Apr-14	10379791 PUMPKINSEED	1		
NETTING FYKE NET	23-Apr-14	10379795 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10379873 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10379937 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10380016 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10380017 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10380018 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10380019 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10380020 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14	10380021 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr 14	10380118 PUMPKINSEED	1		
NETTING FYKE NET	24-Apr-14 24-Apr-14	10380119 PUMPKINSEED	1		
	•		2	1493	17 200/
NETTING FYKE NET	26-Apr-14			1495	17.28%
ELECTROFIS BOOM SHOCKER	27-Oct-65	8223481 REDHORSES	1		
ELECTROFIS BOOM SHOCKE	27-Oct-65	8223496 ROCK BASS	1		
ELECTROFIS BOOM SHOCKER	27-Oct-65	8223497 ROCK BASS	1		
ELECTROFIS BOOM SHOCKE	27-Oct-65	8223498 ROCK BASS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223499 ROCK BASS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223500 ROCK BASS	1		
NETTING FYKE NET	13-Jun-03	2107325 ROCK BASS	1		
NETTING FYKE NET	14-Jun-03	2107338 ROCK BASS	1		
NETTING FYKE NET	15-Jun-03	2104423 ROCK BASS	1		
NETTING FYKE NET	15-Jun-03	2104424 ROCK BASS	1		
NETTING FYKE NET	10-Apr-05	4002787 ROCK BASS	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783684 ROCK BASS	1	12	0.14%
NETTING FYKE NET	10-Apr-05	4002781 SHORTHEAD REDHORSE	1		
NETTING FYKE NET	11-Apr-05	4002775 SHORTHEAD REDHORSE	1		
NETTING FYKE NET	11-Apr-05	4002776 SHORTHEAD REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057497 SHORTHEAD REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057565 SHORTHEAD REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057566 SHORTHEAD REDHORSE	1		
NETTING FYKE NET	24-Apr-08	6774499 SHORTHEAD REDHORSE	1		
NETTING FYKE NET	25-Apr-08	6774665 SHORTHEAD REDHORSE	1		

NETTING FYKE NET	25-Apr-08	6774666 SHORTHEAD REDHORSE	1		
NETTING FYKE NET	25-Apr-08	6774667 SHORTHEAD REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783332 SHORTHEAD REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783680 SHORTHEAD REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783681 SHORTHEAD REDHORSE	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783682 SHORTHEAD REDHORSE	1	14	0.16%
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724781 SILVER REDHORSE	1	1	0.01%
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868326 SMALLMOUTH BASS	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783755 SMALLMOUTH BASS	1		
NETTING FYKE NET	2-May-13	9967987 SMALLMOUTH BASS	1	3	0.03%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223464 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223465 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223466 SUCKERS	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223467 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223468 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223469 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223470 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223471 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223472 SUCKERS	3		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223473 SUCKERS	2		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223474 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223475 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223476 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223477 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223478 SUCKERS	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223479 SUCKERS	1		
	27-Oct-65	8223480 SUCKERS	1	21	0.24%
NETTING FYKE NET	11-Apr-05	4002773 TADPOLE MADTOM	1	2	0.000/
	9-Jun-08	6783687 TADPOLE MADTOM	1	2	0.02%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223525 WALLEYE			
ELECTROFIS BOOM SHOCKER	27-Oct-65	8223526 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223527 WALLEYE 2068890 WALLEYE	1 19		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2008890 WALLEYE	22		
ELECTROFIS BOOM SHOCKEI	3-Oct-01 3-Oct-01	2008891 WALLEYE	11		
ELECTROFIS BOOM SHOCKER	3-Oct-01 3-Oct-01	2068893 WALLEYE	1		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068894 WALLEYE	1		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068895 WALLEYE	1		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068896 WALLEYE	6		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068897 WALLEYE	3		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068898 WALLEYE	2		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068899 WALLEYE	2		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068900 WALLEYE	1		
ELECTROFIS BOOM SHOCKE	3-Oct-01	2068901 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068902 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068903 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068904 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068905 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068906 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068907 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	3-Oct-01	2068908 WALLEYE	1		
NETTING FYKE NET	28-May-02	2088797 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998655 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998656 WALLEYE	1		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998657 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998658 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998659 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998660 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998661 WALLEYE	2		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998662 WALLEYE	4		
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998663 WALLEYE	1		

ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998664 WALLEYE
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998665 WALLEYE
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998666 WALLEYE
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998667 WALLEYE
ELECTROFIS BOOM SHOCKEI	26-Sep-02	1998668 WALLEYE
ELECTROFIS BOOM SHOCKE	26-Sep-02	1998669 WALLEYE
ELECTROFIS BOOM SHOCKE	26-Sep-02	1998670 WALLEYE
ELECTROFIS BOOM SHOCKE	26-Sep-02	1998671 WALLEYE
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NETTING FYKE NET	10-Jun-03	2107280 WALLEYE
NETTING FYKE NET	14-Jun-03	2107342 WALLEYE
NETTING FYKE NET	14-Jun-03	2107346 WALLEYE
NETTING FYKE NET	15-Jun-03	2104426 WALLEYE
NETTING FYKE NET	15-Jun-03	2104427 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149303 WALLEYE
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149304 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149305 WALLEYE
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149306 WALLEYE
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149307 WALLEYE
ELECTROFIS BOOM SHOCKE	1-Oct-03	
		2149308 WALLEYE
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149309 WALLEYE
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149310 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149311 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149312 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149439 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149440 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149441 WALLEYE
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149442 WALLEYE
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724712 WALLEYE
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724713 WALLEYE
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724714 WALLEYE
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724715 WALLEYE
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724716 WALLEYE
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724717 WALLEYE
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724718 WALLEYE
		2724718 WALLETE
ELECTROFIS BOOM SHOCKE	6-Oct-04	
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724720 WALLEYE
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724721 WALLEYE
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724722 WALLEYE
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724723 WALLEYE
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724724 WALLEYE
ELECTROFIS MINI BOOM SH	11-Apr-05	2740646 WALLEYE
ELECTROFIS MINI BOOM SH	11-Apr-05	2740647 WALLEYE
ELECTROFIS MINI BOOM SH	11-Apr-05	2740648 WALLEYE
ELECTROFIS MINI BOOM SH	11-Apr-05	2740649 WALLEYE
ELECTROFIS MINI BOOM SH	11-Apr-05	2740650 WALLEYE
ELECTROFISMINI BOOM SH	11-Apr-05	2740651 WALLEYE
ELECTROFISMINI BOOM SH	11-Apr-05	2740652 WALLEYE
ELECTROFISMINI BOOM SH	11-Apr-05	2740653 WALLEYE
ELECTROFISMINI BOOM SH	11-Apr-05	2740654 WALLEYE
ELECTROFIS MINI BOOM SH	11-Apr-05	2740655 WALLEYE
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ELECTROFISMINI BOOM SH	11-Apr-05	2740656 WALLEYE
ELECTROFISMINI BOOM SH	11-Apr-05	2740657 WALLEYE
ELECTROFISMINI BOOM SH	11-Apr-05	2740658 WALLEYE
ELECTROFIS MINI BOOM SH	11-Apr-05	2740659 WALLEYE
ELECTROFISMINI BOOM SH	11-Apr-05	2740660 WALLEYE
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868302 WALLEYE
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868303 WALLEYE
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868304 WALLEYE
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868305 WALLEYE
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868306 WALLEYE
ELECTROFIS BOOM SHOCKEI	25-Sep-06	3868307 WALLEYE

ELECTROFIS BOOM SHOCKE	25-Sep-06	3868308 WALLEYE	1
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ELECTROFIS BOOM SHOCKE	25-Sep-06	3868309 WALLEYE	1
ELECTROFIS BOOM SHOCKE	25-Sep-06	3868310 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057382 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057383 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057384 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057385 WALLEYE	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057386 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057387 WALLEYE	3
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057388 WALLEYE	2
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057389 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057550 WALLEYE	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057551 WALLEYE	1
NETTING FYKE NET			3
	24-Apr-08	6774493 WALLEYE	
NETTING FYKE NET	24-Apr-08	6774494 WALLEYE	1
NETTING FYKE NET	24-Apr-08	6774495 WALLEYE	1
NETTING FYKE NET	24-Apr-08	6774496 WALLEYE	1
NETTING FYKE NET	24-Apr-08	6774497 WALLEYE	1
NETTING FYKE NET	24-Apr-08	6774498 WALLEYE	2
NETTING FYKE NET	25-Apr-08	6774654 WALLEYE	1
NETTING FYKE NET	25-Apr-08	6774655 WALLEYE	1
NETTING FYKE NET	25-Apr-08	6774656 WALLEYE	1
NETTING FYKE NET	25-Apr-08	6774657 WALLEYE	1
NETTING FYKE NET	25-Apr-08	6774658 WALLEYE	1
			1
NETTING FYKE NET	25-Apr-08	6774659 WALLEYE	
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783751 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783752 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783753 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783754 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783840 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783841 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783842 WALLEYE	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783843 WALLEYE	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783844 WALLEYE	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783845 WALLEYE	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783846 WALLEYE	1
ELECTROFIS BOOM SHOCKE			2
	9-Jun-08	6783847 WALLEYE	
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783848 WALLEYE	2
NETTING FYKE NET	2-May-13	9968018 WALLEYE	1
NETTING FYKE NET	2-May-13	9968019 WALLEYE	1
NETTING FYKE NET	2-May-13	9968020 WALLEYE	1
NETTING FYKE NET	23-Apr-14	10379779 WALLEYE	1
NETTING FYKE NET	23-Apr-14	10379780 WALLEYE	1
NETTING FYKE NET	23-Apr-14	10379781 WALLEYE	1
NETTING FYKE NET	23-Apr-14	10379812 WALLEYE	1
NETTING FYKE NET	24-Apr-14	10379889 WALLEYE	1
NETTING FYKE NET	24-Apr-14	10379892 WALLEYE	1
NETTING FYKE NET	24-Apr-14	10379903 WALLEYE	1
	24-Apr-14		1
NETTING FYKE NET		10379915 WALLEYE	
NETTING FYKE NET	25-Apr-14	10380193 WALLEYE	1
NETTING FYKE NET	25-Apr-14	10380252 WALLEYE	1
NETTING FYKE NET	26-Apr-14	10380343 WALLEYE	1
NETTING FYKE NET	26-Apr-14	10380427 WALLEYE	1 258 2.99%
NETTING FYKE NET	28-May-02	2088795 WHITE SUCKER	1
NETTING FYKE NET	28-May-02	2088796 WHITE SUCKER	1
NETTING FYKE NET	9-Jun-03	2107252 WHITE SUCKER	1
NETTING FYKE NET	13-Jun-03	2107297 WHITE SUCKER	1
NETTING FYKE NET	13-Jun-03	2107328 WHITE SUCKER	1
NETTING FYKE NET	15-Jun-03	2104438 WHITE SUCKER	1
NETTING MINI FYKE NET	16-Jul-03	2115314 WHITE SUCKER	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149342 WHITE SUCKER	1
ELECTION, DOON SHOCKED	1-001-03	ZITJJTZ WITTL JUCKLN	T

ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149497 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149498 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149499 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149500 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149501 WHITE SUCKER	2		
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149561 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149562 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149563 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149564 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724778 WHITE SUCKER	3		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724779 WHITE SUCKER	3		
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724780 WHITE SUCKER	3		
NETTING FYKE NET	8-Apr-05	4002725 WHITE SUCKER	1		
NETTING FYKE NET	8-Apr-05	4002726 WHITE SUCKER	1		
NETTING FYKE NET	9-Apr-05	4002730 WHITE SUCKER	1		
NETTING FYKE NET	10-Apr-05	4002780 WHITE SUCKER	1		
NETTING FYKE NET	10-Apr-05	4002785 WHITE SUCKER	1		
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NETTING FYKE NET	11-Apr-05	4002770 WHITE SUCKER	1		
NETTING FYKE NET	11-Apr-05	4002771 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057486 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057487 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057494 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057496 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057503 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057562 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057563 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057564 WHITE SUCKER	1		
NETTING FYKE NET	24-Apr-08	6774500 WHITE SUCKER	1		
NETTING FYKE NET	24-Apr-08	6774501 WHITE SUCKER	1		
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NETTING FYKE NET	24-Apr-08	6774502 WHITE SUCKER	1		
NETTING FYKE NET	24-Apr-08	6774503 WHITE SUCKER	1		
NETTING FYKE NET	24-Apr-08	6774504 WHITE SUCKER	1		
NETTING FYKE NET	25-Apr-08	6774661 WHITE SUCKER	1		
NETTING FYKE NET	25-Apr-08	6774662 WHITE SUCKER	1		
NETTING FYKE NET	25-Apr-08	6774663 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783333 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783334 WHITE SUCKER	2		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783335 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783336 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783337 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783338 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKE					
	9-Jun-08	6783339 WHITE SUCKER	2		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783340 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783341 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783342 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783343 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783344 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783345 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783346 WHITE SUCKER	1		
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783683 WHITE SUCKER	1	67	0.78%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223482 YELLOW BULLHEAD	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223483 YELLOW BULLHEAD	1		
ELECTROFIS BOOM SHOCKE	27-Oct-65	8223484 YELLOW BULLHEAD	1		
	27-Oct-65	8223485 YELLOW BULLHEAD	1		
ELECTROFIS BOOM SHOCKE	27-Oct-65	8223486 YELLOW BULLHEAD	1		
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057499 YELLOW BULLHEAD	1		
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057500 YELLOW BULLHEAD	1		
NETTING FYKE NET	24-Apr-08	6774510 YELLOW BULLHEAD	2		
NETTING FYKE NET	25-Apr-08	6774670 YELLOW BULLHEAD	3	12	0.14%
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223519 YELLOW PERCH	1		
ELECTROFIS BOOM SHOCKEI	27-Oct-65	8223520 YELLOW PERCH	1		

	27.0.1.65		
ELECTROFIS BOOM SHOCKER	27-Oct-65	8223521 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKER	27-Oct-65	8223522 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKED	27-Oct-65	8223523 YELLOW PERCH	1
	27-Oct-65	8223524 YELLOW PERCH	1
NETTING FYKE NET	28-May-02	2088788 YELLOW PERCH	2
NETTING FYKE NET	28-May-02	2088789 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	26-Sep-02	13422158 YELLOW PERCH	15
NETTING FYKE NET	8-Jun-03	2107203 YELLOW PERCH	1
NETTING FYKE NET	8-Jun-03	2107209 YELLOW PERCH	1
NETTING FYKE NET	8-Jun-03	2107228 YELLOW PERCH	1
NETTING FYKE NET	8-Jun-03	2107229 YELLOW PERCH	1
NETTING FYKE NET	9-Jun-03	2107241 YELLOW PERCH	1
NETTING FYKE NET	9-Jun-03	2107264 YELLOW PERCH	3
NETTING FYKE NET	9-Jun-03	2107265 YELLOW PERCH	3
NETTING FYKE NET	9-Jun-03	2107266 YELLOW PERCH	3
NETTING FYKE NET	10-Jun-03	2107276 YELLOW PERCH	3
NETTING FYKE NET	13-Jun-03	2107285 YELLOW PERCH	1
NETTING FYKE NET	13-Jun-03	2107290 YELLOW PERCH	2
NETTING FYKE NET	13-Jun-03	2107296 YELLOW PERCH	1
NETTING FYKE NET	13-Jun-03	2107319 YELLOW PERCH	4
NETTING FYKE NET	13-Jun-03	2107320 YELLOW PERCH	4
NETTING FYKE NET	13-Jun-03	2107321 YELLOW PERCH	4
NETTING FYKE NET	13-Jun-03	2107322 YELLOW PERCH	4
NETTING FYKE NET	14-Jun-03	2107336 YELLOW PERCH	1
NETTING FYKE NET	15-Jun-03	2104376 YELLOW PERCH	5
NETTING FYKE NET	15-Jun-03	2104377 YELLOW PERCH	3
NETTING FYKE NET	15-Jun-03	2104378 YELLOW PERCH	5
NETTING FYKE NET	15-Jun-03	2104379 YELLOW PERCH	1
NETTING FYKE NET	15-Jun-03	2104380 YELLOW PERCH	2
NETTING FYKE NET	15-Jun-03	2104381 YELLOW PERCH	2
NETTING FYKE NET	15-Jun-03	2104382 YELLOW PERCH	1
NETTING FYKE NET	15-Jun-03	2104383 YELLOW PERCH	1
NETTING FYKE NET	15-Jun-03	2107365 YELLOW PERCH	2
NETTING FYKE NET	15-Jun-03	2107370 YELLOW PERCH	1
NETTING FYKE NET	15-Jun-03	2107376 YELLOW PERCH	1
NETTING MINI FYKE NET	15-Jul-03	2115233 YELLOW PERCH	1
NETTING MINI FYKE NET	15-Jul-03	2115281 YELLOW PERCH	1
NETTING MINI FYKE NET	16-Jul-03	2115304 YELLOW PERCH	1
NETTING MINI FYKE NET	16-Jul-03	2115305 YELLOW PERCH	1
NETTING MINI FYKE NET	16-Jul-03	2115316 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149576 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	1-Oct-03	2149577 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149578 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	1-Oct-03	2149579 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724775 YELLOW PERCH	3
ELECTROFIS BOOM SHOCKEI	6-Oct-04	2724776 YELLOW PERCH	3
ELECTROFIS BOOM SHOCKE	6-Oct-04	2724777 YELLOW PERCH	3
NETTING FYKE NET	11-Apr-05	4002772 YELLOW PERCH	1
OTHER HOOK AND LINE	11-May-05	2740676 YELLOW PERCH	3
OTHER HOOK AND LINE	11-May-05	2740677 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057471 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057472 YELLOW PERCH	2
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057473 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057474 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057475 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057476 YELLOW PERCH	2
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057477 YELLOW PERCH	2
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057478 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057479 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057480 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKER	4-Oct-07	6057481 YELLOW PERCH	1
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ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057482 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057596 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057597 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057598 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	4-Oct-07	6057599 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	4-Oct-07	6057600 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774340 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774341 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774342 YELLOW PERCH	- 1
NETTING FYKE NET	24-Apr-08	6774343 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774344 YELLOW PERCH	4
NETTING FYKE NET	24-Apr-08	6774345 YELLOW PERCH	2
	•		3
NETTING FYKE NET	24-Apr-08	6774346 YELLOW PERCH	
NETTING FYKE NET	24-Apr-08	6774347 YELLOW PERCH	4
NETTING FYKE NET	24-Apr-08	6774348 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774349 YELLOW PERCH	6
NETTING FYKE NET	24-Apr-08	6774350 YELLOW PERCH	5
NETTING FYKE NET	24-Apr-08	6774351 YELLOW PERCH	4
NETTING FYKE NET	24-Apr-08	6774352 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774353 YELLOW PERCH	4
NETTING FYKE NET	24-Apr-08	6774354 YELLOW PERCH	3
NETTING FYKE NET	24-Apr-08	6774355 YELLOW PERCH	5
NETTING FYKE NET	24-Apr-08	6774356 YELLOW PERCH	3
NETTING FYKE NET	24-Apr-08	6774357 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774358 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774359 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774360 YELLOW PERCH	3
NETTING FYKE NET	24-Apr-08	6774361 YELLOW PERCH	3
NETTING FYKE NET	24-Apr-08	6774362 YELLOW PERCH	5
NETTING FYKE NET	24-Apr-08	6774363 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774364 YELLOW PERCH	4
NETTING FYKE NET	24-Apr-08	6774365 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774366 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774367 YELLOW PERCH	3
NETTING FYKE NET	24-Apr-08	6774368 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774369 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774370 YELLOW PERCH	3
NETTING FYKE NET	24-Apr-08	6774371 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774372 YELLOW PERCH	2
NETTING FYKE NET	24-Apr-08	6774373 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774373 YELLOW PERCH	2
	•		2
NETTING FYKE NET	24-Apr-08	6774375 YELLOW PERCH	
NETTING FYKE NET	24-Apr-08	6774376 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774377 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774378 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774379 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774380 YELLOW PERCH	1
NETTING FYKE NET	24-Apr-08	6774381 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774511 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774512 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774513 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774514 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774515 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774516 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774517 YELLOW PERCH	4
NETTING FYKE NET	25-Apr-08	6774518 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774519 YELLOW PERCH	4
NETTING FYKE NET	25-Apr-08	6774520 YELLOW PERCH	3
NETTING FYKE NET	25-Apr-08	6774521 YELLOW PERCH	3
NETTING FYKE NET	25-Apr-08	6774522 YELLOW PERCH	7
NETTING FYKE NET	25-Apr-08	6774523 YELLOW PERCH	2

NETTING FYKE NET	25-Apr-08	6774524 YELLOW PERCH	5
NETTING FYKE NET	25-Apr-08	6774525 YELLOW PERCH	3
NETTING FYKE NET	25-Apr-08	6774526 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774527 YELLOW PERCH	7
NETTING FYKE NET	25-Apr-08	6774528 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774529 YELLOW PERCH	5
NETTING FYKE NET	25-Apr-08	6774530 YELLOW PERCH	6
NETTING FYKE NET	25-Apr-08	6774531 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774532 YELLOW PERCH	5
NETTING FYKE NET	25-Apr-08	6774533 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774534 YELLOW PERCH	3
NETTING FYKE NET	25-Apr-08	6774535 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774536 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774537 YELLOW PERCH	- 7
NETTING FYKE NET	25-Apr-08	6774538 YELLOW PERCH	, 1
NETTING FYKE NET	25-Apr-08	6774539 YELLOW PERCH	3
NETTING FYKE NET	25-Apr-08	6774540 YELLOW PERCH	3
NETTING FYKE NET	25-Apr-08	6774541 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774542 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774543 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774544 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774545 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08	6774546 YELLOW PERCH	4
NETTING FYKE NET	•	6774547 YELLOW PERCH	2
	25-Apr-08	6774548 YELLOW PERCH	2
NETTING FYKE NET	25-Apr-08		
NETTING FYKE NET	25-Apr-08	6774549 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774550 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774551 YELLOW PERCH	1
NETTING FYKE NET	25-Apr-08	6774552 YELLOW PERCH	1
	9-Jun-08	6783319 YELLOW PERCH	2
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783320 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783321 YELLOW PERCH	1
	9-Jun-08	6783322 YELLOW PERCH	1
	9-Jun-08	6783323 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783324 YELLOW PERCH	1
	9-Jun-08	6783325 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783326 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKE	9-Jun-08	6783327 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783328 YELLOW PERCH	2
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783329 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783659 YELLOW PERCH	5
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783660 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783661 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783662 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783663 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783664 YELLOW PERCH	1
ELECTROFIS BOOM SHOCKEI	9-Jun-08	6783665 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379737 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379782 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379783 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379784 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379786 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379787 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379793 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379794 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379796 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379797 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379798 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379799 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379800 YELLOW PERCH	1
NETTING FYKE NET	23-Apr-14	10379801 YELLOW PERCH	1

N	ETTING	FYKE NET	23-Apr-14	10379803 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379804 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379805 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379806 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379807 YELLOW PERCH	1
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	ETTING	FYKE NET	23-Apr-14	10379808 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379809 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379810 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379811 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379813 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379814 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379815 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379816 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379817 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379818 YELLOW PERCH	1
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	ETTING	FYKE NET	23-Apr-14	10379819 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379820 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379828 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379841 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379855 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379856 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379859 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379860 YELLOW PERCH	1
N	ETTING	FYKE NET	23-Apr-14	10379861 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379862 YELLOW PERCH	1
	ETTING	FYKE NET	23-Apr-14	10379863 YELLOW PERCH	1
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	ETTING	FYKE NET	24-Apr-14		15
	ETTING	FYKE NET	24-Apr-14	10379944 YELLOW PERCH	2
	ETTING	FYKE NET	24-Apr-14	10379954 YELLOW PERCH	5
N	ETTING	FYKE NET	24-Apr-14	10379966 YELLOW PERCH	4
N	ETTING	FYKE NET	24-Apr-14	10380061 YELLOW PERCH	1
N	ETTING	FYKE NET	24-Apr-14	10380062 YELLOW PERCH	1
N	ETTING	FYKE NET	24-Apr-14	10380063 YELLOW PERCH	1
N	ETTING	FYKE NET	24-Apr-14	10380064 YELLOW PERCH	1
	ETTING	FYKE NET	24-Apr-14	10380065 YELLOW PERCH	1
	ETTING	FYKE NET	24-Apr-14	10380157 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380194 YELLOW PERCH	1
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	ETTING	FYKE NET	25-Apr-14	10380195 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380196 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380220 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380221 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380222 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380223 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380224 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380225 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380236 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380237 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380238 YELLOW PERCH	1
			•		1
	ETTING	FYKE NET	25-Apr-14	10380239 YELLOW PERCH	
	ETTING	FYKE NET	25-Apr-14	10380240 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380241 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380242 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380243 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380244 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380245 YELLOW PERCH	1
N	ETTING	FYKE NET	25-Apr-14	10380246 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380262 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380263 YELLOW PERCH	1
	ETTING	FYKE NET	25-Apr-14	10380264 YELLOW PERCH	1
	ETTING		•	10380283 YELLOW PERCH	1
		FYKE NET	25-Apr-14		
N)	ETTING	FYKE NET	25-Apr-14	10380286 YELLOW PERCH	1

NETTING	FYKE NET	25-Apr-14	10380287 YELLOW PERCH	1		
NETTING	FYKE NET	25-Apr-14	10380288 YELLOW PERCH	1		
NETTING	FYKE NET	25-Apr-14	10380289 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380305 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380306 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380324 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380335 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380346 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380347 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380348 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380349 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380350 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380351 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380352 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380353 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380354 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380355 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380358 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380359 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380360 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380361 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380362 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380367 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380368 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380369 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380305 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380377 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380380 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380380 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380382 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380382 YELLOW PERCH	1		
		•		1		
NETTING	FYKE NET	26-Apr-14	10380389 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380390 YELLOW PERCH			
NETTING NETTING	FYKE NET	26-Apr-14	10380395 YELLOW PERCH 10380396 YELLOW PERCH	1 1		
	FYKE NET	26-Apr-14				
NETTING	FYKE NET	26-Apr-14	10380399 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380400 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380401 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380402 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380403 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380406 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380418 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380425 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380426 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380429 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380435 YELLOW PERCH	1		
NETTING	FYKE NET	26-Apr-14	10380436 YELLOW PERCH	1	508	5.88%
				8641	8641	

APPENDIX E-12 WDNR Namekagon River Fish Data Downstream of Hayward Dam

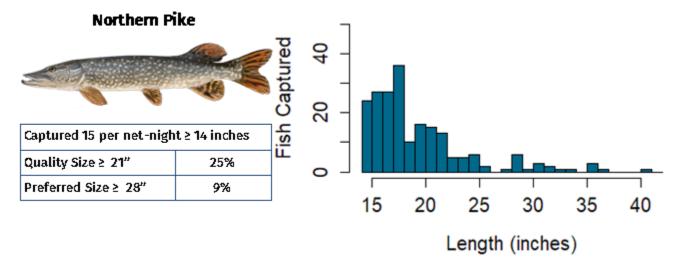
																		Length or
		rvey		e Seq Surv			urvey Data	Visit Fish		Sample Subst			Fish Data Net	Species		Length or Lower	Length	Lower Length
Co.	y Name WBIC Ye		Station No.		•	Survey End St	,	Seq No Visit Type	Gear Type	Date Name			Sqq No, Number	code	Species	No. of Fish length IN	Upper IN	MM
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING		,	W DAM ALL SPECIE		2077655 -	N09	WHITE SUCKER	8 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077656 -	N13	NORTHERN HOG SUCKER	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING		,	W DAM ALL SPECIE		2077657 -	N22	SHORTHEAD REDHORSE	5 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077658 -	N21	GOLDEN REDHORSE	2 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING		,	W DAM ALL SPECIE		2077659 -	N23	GREATER REDHORSE	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)				03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077660 -	W09	BLUEGILL	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)				03 8-May-03 D		485119 ELECTROFISHING		,	W DAM ALL SPECIE		2077661 -	W06	PUMPKINSEED	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077662 -	X15	YELLOW PERCH	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING		,	W DAM ALL SPECIE		2077663 -	X12	JOHNNY DARTER	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077664 -	X10	FANTAIL DARTER	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077666 -	M28	COMMON SHINER	11 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077667 -	M50	CREEK CHUB	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)				03 8-May-03 D		485119 ELECTROFISHING		,	W DAM ALL SPECIE		2077668 -	M49	LONGNOSE DACE	3 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING		,	W DAM ALL SPECIE		2077669 -	M48	WESTERN BLACKNOSE DACE	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)			,	03 8-May-03 D		485119 ELECTROFISHING			W DAM ALL SPECIE		2077670 -	M19	HORNYHEAD CHUB	1 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)	10009811	125771	51517 8-May-	03 8-May-03 D	ATA ENTF warwir	485119 ELECTROFISHING	STREAM SHOCKER	8-May-03 BELOV	W DAM ALL SPECIE	S	2077671 -	M32	BLACKNOSE SHINER	2 -	-	-
SAWYER	NAMEKAGI 2689500	2003 NAMEKAGON 120 (BELOW LAKE HAYWARD DAM)	10009811	125771	51517 8-May-	03 8-May-03 D	ATA ENTF warwir	485119 ELECTROFISHING	STREAM SHOCKER	8-May-03 BELOV	W DAM ALL SPECIE	S	2077672 -	M06	CENTRAL STONEROLLER	1 -	-	-
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage					ATA ENTF woltem	774387 OTHER	HOOK AND LINE	21-Jul-20 N1	SMALLMO		13546492 -	W11	SMALLMOUTH BASS	1 12		317.5
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 21-Jul-	20 21-Jul-20 D	ATA ENTF woltem	774387 OTHER	HOOK AND LINE	21-Jul-20 N1	SMALLMO	UTH BASS	13546493 -	W12	LARGEMOUTH BASS	1 13	.6 -	345.44
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 21-Jul-	20 21-Jul-20 D	ATA ENTF woltem	774387 OTHER	HOOK AND LINE	21-Jul-20 N1	SMALLMO	UTH BASS	13546494 -	W09	BLUEGILL	1 6	.2 -	157.48
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546495 -	W11	SMALLMOUTH BASS		.4 -	264.16
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546496 -	W11	SMALLMOUTH BASS	1 8	.1 -	205.74
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546497 -	W11	SMALLMOUTH BASS		.5 -	241.3
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546498 -	W11	SMALLMOUTH BASS	1 12	.9 -	327.66
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546499 -	W11	SMALLMOUTH BASS	1 19	.5 -	495.3
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546500 -	W11	SMALLMOUTH BASS	1 1	19 -	482.6
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546501 -	W11	SMALLMOUTH BASS	1 1	10 -	254
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546502 -	W11	SMALLMOUTH BASS	1 17	.1 -	434.34
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546503 -	W11	SMALLMOUTH BASS	1 14	.6 -	370.84
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546504 -	W11	SMALLMOUTH BASS	1 14	.1 -	358.14
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546505 -	W11	SMALLMOUTH BASS	1 16	.3 -	414.02
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546506 -	W11	SMALLMOUTH BASS	1 17	.8 -	452.12
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546507 -	W11	SMALLMOUTH BASS	1	8 -	203.2
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546508 -	W11	SMALLMOUTH BASS	1 14	.5 -	368.3
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546509 -	W11	SMALLMOUTH BASS	1 5	.9 -	149.86
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546510 -	W11	SMALLMOUTH BASS	1 5	.4 -	137.16
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546511 -	L02	NORTHERN PIKE	1 21	.5 -	546.1
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546512 -	L02	NORTHERN PIKE	1 15	.2 -	386.08
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546513 -	W06	PUMPKINSEED	1 6	.2 -	157.48
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546514 -	N09	WHITE SUCKER	1 15	.2 -	386.08
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546515 -	N09	WHITE SUCKER	1 12	.2 -	309.88
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546516 -	N22	SHORTHEAD REDHORSE	1 14	.5 -	368.3
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546517 -	N22	SHORTHEAD REDHORSE	1 14	.5 -	368.3
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546518 -	N22	SHORTHEAD REDHORSE	1 12	.4 -	314.96
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546519 -	N22	SHORTHEAD REDHORSE	1 13	.3 -	337.82
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546520 -	N21	GOLDEN REDHORSE	1 15	.2 -	386.08
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage	10054272 1	625254 5.1	15E+08 13-Aug-	20 13-Aug-20 D	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546521 -	N21	GOLDEN REDHORSE	1 15	.2 -	386.08
SAWYER	NAMEKAGI 2689500	2020 Namekagon River SMB -N1- DS Lake Hayward Dam to US Rolph Rd Portage			-	-	ATA ENTF woltem	774388 OTHER	HOOK AND LINE	13-Aug-20 N1	SMALLMO	UTH BASS	13546522 -	N21	GOLDEN REDHORSE	1 14	.5 -	368.3
		-			.0					-								

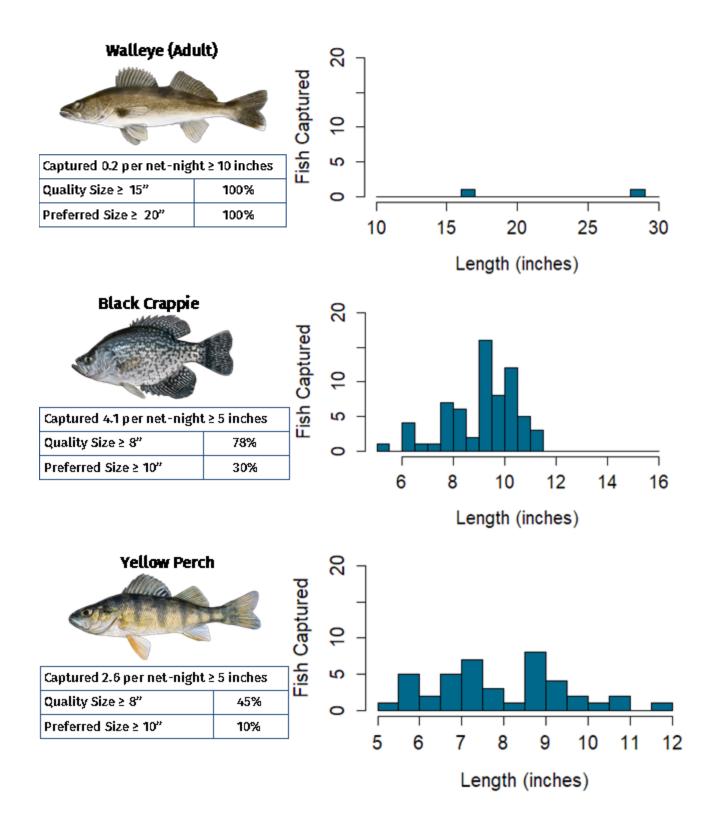
APPENDIX E-13 WDNR Lake Hayward 2022 Fish Survey Summary

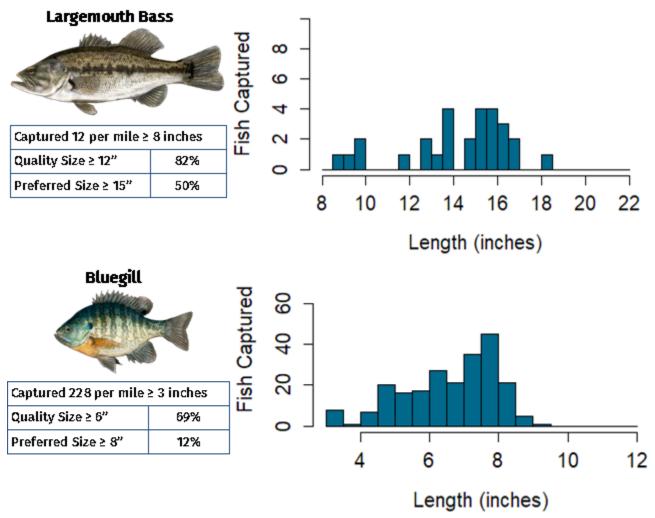


# **2022 SPRING FISHERIES SURVEY SUMMARY** LAKE HAYWARD, SAWYER COUNTY Report by Max Wolter

The Wisconsin Department of Natural Resources (DNR) Hayward Fisheries Management Team conducted a fyke netting survey on Lake Hayward (a.k.a. Hayward Lake) from April 17-19, 2022. The primary species targeted were Northern Pike and Walleye, but useful data were also gathered on Black Crappies and Yellow Perch. Up to eight nets were set overnight for two nights, which resulted in 16 total net-nights of effort. An electrofishing survey was conducted on June 1, 2022 to target Largemouth Bass and Bluegill and included 2.5 miles of shoreline. Quality, preferred and memorable sizes referenced in this summary are based on standard proportions of world record lengths developed for each species by the American Fisheries Society.







## **SUMMARY OF RESULTS**

This netting survey was well-timed for Walleye and Northern Pike, capturing the start of spawning activity for each species. Nets were set immediately after ice out and covered a variety of habitat types. Water temperature was below the ideal range for capturing Black Crappies and Yellow Perch, but the results are still included in this report. The electrofishing survey was also well-timed for target species. Lake Hayward is a "Complex-Riverine" lake based on the DNR Fisheries lake class system. "Complex" refers to the number of gamefish present in the fish community. Riverine systems present challenges for both surveying and managing populations since fish can move from lake to river habitats. This report will compare catch rates from Lake Hayward in 2022 to other lakes of this same type.

## **NORTHERN PIKE**

Northern Pike catch rates (15 per net night) were exceptionally high (99th percentile) compared to lakes in the same class as Lake Hayward. Pike were generally small (75% were under 21 inches), but the top-end size was excellent. A 40-inch pike was captured in the survey, along with several others over 35 inches. Pike anglers in Lake Hayward should expect action from a lot of smaller pike, with a chance for a true trophy. There is no minimum length limit for Northern Pike, and anglers may harvest up to five per day. Harvest of smaller pike is encouraged.



DNR fisheries technician, Evan Sniadajewski, with a 40-inch Northern Pike from Lake Hayward. Northern Pike are abundant in this lake, but some reach excellent size. Photo courtesy of Max Wolter

## WALLEYE

Only two Walleye were captured in this survey, indicating a low abundance of the species. This matches previous surveys of Lake Hayward. The Walleye population is supported almost exclusively through stocking. Very little natural reproduction has been observed. However, stocked Walleye may not stay in Lake Hayward. Walleye have opportunities to leave Lake Hayward both upstream into Namekagon River and downstream over the dam. The Walleye regulation on Lake Hayward is a 15-inch minimum length limit, a 20-24-inch protected slot with only one fish over 24 inches, and a three fish daily bag limit.

## MUSKELLUNGE

Muskellunge are present in Lake Hayward, and trophy-sized fish have been caught in past surveys and local Muskellunge tournaments. No Muskellunge were captured during this survey. Muskellunge may not have been shallow enough to be captured due to very cold water temperatures at the time of the survey. Future efforts will try to document the status of this population. Muskellunge are stocked periodically into Lake Hayward, but some may move into the river, like Walleye.

## **BLACK CRAPPIE**

The Black Crappie catch rate was below average compared to lakes in the same class. Survey timing may have played a minor role in the catch rate, and higher rates may have been observed with a later netting survey. Still, Black Crappies in Lake Hayward have nice size, with about one in three being over 10 inches. The daily bag limit for panfish on Lake Hayward is 25 (for all panfish species combined).

## YELLOW PERCH

Yellow Perch catch rate was about average compared to other lakes in this class. Yellow Perch in Lake Hayward have good size, with a large percentage of the survey catch being over 8 inches. The daily bag limit for panfish on Lake Hayward is 25 (for all panfish species combined).

## LARGEMOUTH BASS

The catch rate for Largemouth Bass in Lake Hayward was close to average compared to lakes of the same class. Half of the Largemouth Bass captured in the survey were over 15 inches, offering a quality bass fishing opportunity for anglers focused more on size than catch rate. There is a 14-inch minimum length limit for bass and a five-fish daily bag limit. Smallmouth Bass are present in Lake Hayward, but none were captured in this survey. Smallmouth Bass likely prefer the riverine areas upstream from Lake Hayward more than the lake itself.

## BLUEGILL

The Bluegill catch rate was above average compared to other lakes in this class. Despite being relatively abundant, the size of Bluegill was excellent. More than 10% of Bluegill captured were over 8 inches long. Lake Hayward has a strong reputation as a Bluegill fishery, both during open water and through the ice. The daily bag limit for panfish on Lake Hayward is 25 (for all panfish species combined).

Other species present include: White Sucker, Northern Hogsucker, Pumpkinseed Sunfish, Rock Bass, several species of redhorse, Brown Trout and various minnow species.

Survey Crew: Max Wolter, Scott Braden and Evan Sniadajewski Reviewed and approved by Aaron Cole APPENDIX E-14 WDNR Hayward Project Fish Stocking Data

Stocking Year	Source	Stocked Waterbody Name	Local Waterbody Name	Location	Species	Strain(Stock)	Age Class	Number Fish Stocked	Avg Fish Length(IN)	
2019	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UPPER CHIPPEWA RIVER	LARGE FINGERLING	100	12.6	
2014	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UPPER CHIPPEWA RIVER	LARGE FINGERLING	253	10.7	
2012	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UPPER CHIPPEWA RIVER	LARGE FINGERLING	247	12.8	
2010	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UPPER WISCONSIN RIVER	LARGE FINGERLING	185	13.1	
2008	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UPPER CHIPPEWA RIVER	LARGE FINGERLING	247	10.9	
2006	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UPPER CHIPPEWA RIVER	LARGE FINGERLING	136	12.4	
2004	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	LARGE FINGERLING	247	11	
2002	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	LARGE FINGERLING	247	11.4	
2000	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	LARGE FINGERLING	124	12	
1998	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	LARGE FINGERLING	247	11.7	
1996	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	247	10.7	
1993	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	247	12	
1992	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	347	10	
1991	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	200	11	
1990	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	200	11	
1988	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	200	9	
1987	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	247	9	
1986	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	894	10	
1985	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	247	9	
1983	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	200	9	
										total
1979	DNR	HAYWARD LAKE		41N-9W-27	MUSKELLUNGE	UNSPECIFIED	FINGERLING	300	13	5362 muskie
										unsp
2003	DNR	HAYWARD LAKE		41N-9W-27	PANFISH	UNSPECIFIED	ADULT (FIELD TRANSFER)	250	6.5	250 panfish
2022	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	MISSISSIPPI HEADWATERS	SMALL FINGERLING	6678	1.7	
2021	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	MISSISSIPPI HEADWATERS	SMALL FINGERLING	6995	1.5	
2015	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	MISSISSIPPI HEADWATERS	SMALL FINGERLING	18542	1.4	
2004	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	MISSISSIPPI HEADWATERS	LARGE FINGERLING	2460	6.8	
2003	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	MISSISSIPPI HEADWATERS	LARGE FINGERLING	2470	7.7	
2001	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	LARGE FINGERLING	2470	6	
2000	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	LARGE FINGERLING	2470	7.5	
1999	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	LARGE FINGERLING	4940	6.4	
1998	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	LARGE FINGERLING	2470	8.3	
1997	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	LARGE FINGERLING	2460	7.9	
1996	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	FINGERLING	2470	7.4	
	DNR	HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	FINGERLING	2520	6.15	
1995		HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	FINGERLING	12460	2	
1995 1994	DNR					UNSPECIFIED	FINGERLING	14880	2	
	DNR DNR	HAYWARD LAKE		41N-9W-27	WALLEYE					
1994						UNSPECIFIED	FINGERLING	10176	3	
1994 1992 1990	DNR	HAYWARD LAKE HAYWARD LAKE		41N-9W-27	WALLEYE	UNSPECIFIED	FINGERLING FINGERLING	10176 9982	3	
1994 1992	DNR DNR	HAYWARD LAKE					FINGERLING FINGERLING FINGERLING	10176 9982 11046	3 3 3	
1994 1992 1990 1988	DNR DNR DNR	HAYWARD LAKE HAYWARD LAKE HAYWARD LAKE		41N-9W-27 41N-9W-27	WALLEYE	UNSPECIFIED UNSPECIFIED	FINGERLING	9982	3 3 3 3	

APPENDIX E-15 Hayward Project Mussel Study Report

FRESHWATER MUSSEL STUDY FOR THE HAYWARD HYDROELECTRIC PROJECT FERC No. 2417

Prepared for:



1702 Lawrence Drive De Pere, WI 54115

Project No.: 16082 Date: 1/25/2023

Prepared by:



5070 Stow Rd. Stow, OH 44224 800-940-4025 www.EnviroScienceInc.com 

 Freshwater Mussel Study for the Hayward Hydroelectric
 Prepared for:
 Mr. Shawn Puzen

 Project
 Mead & Hunt

 Initial Study Report
 Document Date: 1/25/2023

 Project No.: 16082
 Frequence

#### Authorization for Release

The analyses, opinions, and conclusions in this document are based entirely on EnviroScience's unbiased, professional judgment. EnviroScience's compensation is not in any way contingent on any action or event resulting from this study.

To the best of their knowledge, the undersigned attest that this document and the information contained herein are accurate and conform to EnviroScience's internal Quality Assurance standards.

Emily Grossman Senior Scientist | Field Manager

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Becca Winterringer Senior Scientist | Project Manager

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#### ACKNOWLEDGEMENTS

Xcel Energy provided funding for the project through Mead & Hunt. Mr. Shawn Puzen was the point of contact for Mead & Hunt, and Mr. Matthew Miller was the point of contact for Xcel Energy. The project manager for EnviroScience, Inc. was Ms. Becca Winterringer. Wisconsin permitted malacologist Ms. Emily Grossman led the survey effort. Also assisting with the survey effort were Mr. Robert Williams, Mr. Ben Ebert, Mr. Paul Moreno, and Mr. Matt Gilkay. Ms. Grossman authored the report, which was reviewed by Ms. Winterringer and Ms. Melissa Vaccarino.



## **1.0 INTRODUCTION**

EnviroScience, Inc. was contracted by Mead & Hunt to perform freshwater mussel studies at the Hayward Hydroelectric Project (Project) in Sawyer County, Wisconsin. The Project is located on the Namekagon River in Hayward, Wisconsin (Figure 1). Northern States Power Company – Wisconsin, a Wisconsin corporation (NSPW or Licensee/Applicant), operates and maintains the Project under a Federal Energy Regulatory Commission (FERC) license, which expires in November 2025. NSPW must submit a final license application no later than November 30, 2023, to obtain a subsequent license for continued operation of the Project (FERC Project No. 2417).

The Namekagon River is a tributary of the St. Croix River and harbors a diverse mussel assemblage. Thirteen (13) species have been reported from the Namekagon River in Sawyer County, including one Wisconsin species of special concern (Elktoe [*Alasmidonta marginata*]); however, all observations are dated on or before 1995. No recent survey information was available at the time of this report (Table 1; WDNR, 2018). No federally listed threatened or endangered species are known to occur in this reach of the Namekagon River (Table 1).

Freshwater mussels residing near the Project may be affected by continued operation of the facility. Flow modifications upstream or downstream of the Project may alter habitat for mussels, and mussels occurring in the reservoir may become stranded during drawdown events. The Wisconsin Department of Natural Resources (WDNR) requested that a mussel survey be completed as part of the FERC relicensing process. The objective of the survey was to characterize mussel habitat and determine mussel abundance and species richness in the Project vicinity. Data collected from this survey provides information on the baseline conditions for mussel density, diversity, and habitat in the Project area.

#### 2.0 METHODS

Mussel survey methods were developed in accordance with the 2015 WDNR Guidelines for Sampling Freshwater Mussels in Wadeable Streams (Guidelines; Piette, 2015). Mussel studies included field surveys of two riverine reaches, one above and one below the Hayward Dam. Surveys were led by a Wisconsin permitted malacologist and were conducted according to the survey plan approved by WDNR (Appendix A).

#### 2.1 **RIVERINE SURVEYS**

Mussel studies were conducted within riverine habitat near the Project. Reach 1 (upstream reach) began approximately 430 meters (m) upstream of the State Highway 77 bridge and extended 1,000 m upstream. Reach 2 (downstream reach) began at the canoe portage put-in (near the intersection of S. 1<sup>st</sup> St. and S. Florida Ave.) downstream of the tailrace and extended 1,000 m downstream (Figure 1).

Within each reach, a series of transects extending bank to bank was established every 100 m, creating a series of 10 possible transects per reach. Transects were numbered sequentially from downstream to upstream, and a random number function in Microsoft Excel was used to select five transects for the survey within each reach.

Searches along each transect were conducted in 10-m segments and extended 0.5 m on each side of the transect. Each transect was evaluated for mussels using an adaptive sampling approach. First, a rapid visual search was conducted and entailed an initial search of 0.2 minutes



per m<sup>2</sup> (min/m<sup>2</sup>) along each 10-m segment to determine if mussels were present (living or shell material). If mussels were present in a segment, a semi-quantitative search was triggered and the search time was extended to 1 min/m<sup>2</sup>. If no mussels or evidence of mussels was observed in the rapid visual search, no additional effort was expended in that segment. During the semi-quantitative search, divers visually searched, probed the substrate, and turned over rocks to detect small, burrowed mussels.

General stream conditions and morphology were recorded within the study area. Water depth and river bottom substrate composition using the Wentworth Scale (% observed of silt, sand, gravel, etc.; Wentworth, 1922) were recorded for each 10-m transect segment. In addition, a general description of mussel habitat characteristics in the Project boundary was recorded. The Aquatic Habitat Classification on the St. Croix National Scenic Riverway (Wan et al., 2007) was referenced for habitat and substrate classification.

#### 2.2 DATA AND MUSSEL HANDLING

Live mussels were kept submersed in ambient river water and kept cool and moist during processing. All live mussels were identified to species, counted, measured (length in millimeters), aged (external annuli count), and sexed (sexually dimorphic species only) by the team malacologist. Dead shell specimens were scored as fresh dead (dead less than one year, lustrous nacre), weathered dead (dead one to many years; chalky nacre, fragmented, and worn periostracum), or subfossil (dead many years to many decades; severely worn and fragmented). Detailed digital images of the study area and representative mussel species were recorded and reported. Datasheets were populated and summarized per the Mussel Survey Summary Tables provided in Appendix 2 of the mussel study plan provided by Mead & Hunt. Mussel taxonomy followed the names presented by Williams et al., 2017.

## 3.0 RESULTS AND DISCUSSION

The mussel survey was conducted on June 19, 2022. Discharge on the Namekagon River at Leonards, WI (USGS 05331833) was 117 cubic feet per second. Maximum visibility was greater than 1 m, and the water temperature was approximately 18.9° Celsius (66° Fahrenheit). Photographs of sampling sites and species encountered are provided in Appendix B.

#### 3.1 REACH 1 (UPSTREAM)

The upstream portion of Reach 1 was riverine and consisted of a shallow run with moderate current velocity. The lower portion of Reach 1 was located at the confluence with Hayward Lake where the river was wider and current velocity was low. The surrounding land was primarily residential areas (29%) and forest (34%; USEPA, 2022a). Submerged vegetation was present in small amounts near the banks in the upstream portion of the reach but was more abundant in the downstream portion.

Transects 1, 2, 6, 7, and 8 were randomly selected for sampling in Reach 1. Transects 6, 7, and 8 were the upstream-most transects sampled and were within the shallow run habitat. Substrate along all three transects consisted of a mix of cobble, gravel, and sand and most closely aligned with substrate composition code 7 (abundant fine substrate, gravel, pebbles, and cobbles) in Wan et al. (2007). Woody debris and submerged aquatic vegetation were also present in some transect segments. Water depth did not exceed 0.9 m (3 feet [ft]) along these transects (Table 2; Figure 2).



Habitat along Transects 1 and 2 differed from the upstream transects. Depth reached a maximum of 1.2 m (4 ft) in the thalweg (deepest course along the length of the reach) along the right descending bank but did not exceed 0.9 m (3 ft) in most segments. Substrate in the thalweg contained mixed sand, clay, and silt. Transect 2 also spanned a shallow muddy area between the thalweg and the left descending bank which consisted almost entirely of silt, clay, and submersed aquatic vegetation (Table 2; Figure 2). Substrate along Transects 1 and 2 most closely corresponded with substrate composition code 1 (abundant fine substrate) in Wan et al. (2007).

No live mussels were collected in Reach 1. Weathered dead or subfossil shells of Threeridge (*Amblema plicata*), Wabash Pigtoe (*Fusconaia flava*), and Fatmucket (*Lampsilis siliquoidea*) were collected from Transect 6, and shells of the same species were observed atop the substrate while walking between transects (Table 3). The invasive Chinese Mystery Snail (*Cipangopaludina chinensis*) was abundant in both the coarse substrate observed from Transects 6 through 8 and the soft clay and silt substrate from Transects 1 and 2.

#### 3.2 REACH 2 (DOWNSTREAM)

Reach 2 primarily consisted of a shallow glide/run with heterogeneous substrate and moderate current velocity. The streambanks were low and gradually sloping. While the riparian zones of both banks were forested throughout most of the reach (9%), surrounding land use was primarily commercial and residential (42%; USGS, 2022b). A series of wood piles spanned the width of the river near the upstream end of the reach.

Transects 2, 3, 4, 8, and 9 were randomly selected for sampling in Reach 2. Although some substrate variation was observed among the sampled transects, conditions were generally similar across all five. Substrate was comprised primarily of mixed cobble, gravel, and sand and most closely aligned with substrate composition code 7 (abundant fine substrate, gravel, pebbles, and cobbles) in Wan et al. (2007). Sand was generally more abundant near the banks while some transect segments featured small proportions of boulder, woody debris, and submerged vegetation. Maximum observed depth was 0.9 m (3 ft; Table 2; Figure 3).

A total of 373 live mussels of 10 species were collected in Reach 2 (Table 3). Mucket (*Actinonaias ligamentina*; 29.5%) and Fluted Shell (*Lasmigona costata*; 16.9%) were the most abundant species collected; Plain Pocketbook (*Lampsilis cardium*), Spike (*Eurynia dilatata*), Creeper (*Strophitus undulatus*), and Wabash Pigtoe (*Fusconaia flava*) were also commonly encountered. One Wisconsin species of special concern, Elktoe, was also present. Although species relative abundance varied somewhat among the transects, 7 of the 10 species were present on all five transects.

Mussel abundance was lowest along Transect 2, with only 37 individuals collected and ranged from 77 to 92 individuals in the remaining four transects. Surface density ranged from 1.23 mussels/m<sup>2</sup> on Transect 2 to 3.40 mussels/m<sup>2</sup> on Transect 3 and averaged 2.66 mussels/m<sup>2</sup> over all sampled transects (Table 3). Live mussels were present in all transect segments sampled except the left descending bank segments of Transects 2 and 4 (Figure 4).

Mussel community metrics for Reach 2 are summarized in Table 3. All but one individual had >5 external annuli; this may be due in part to the inherent bias of semi-quantitative sampling toward larger individuals. Simpson's diversity was 0.84 and Pielou's evenness was 0.34. The cumulative species curve suggests that additional species may be present in the reach. Based on the



trendline equation, 70 additional individuals would need to be collected to yield one additional species (Figure 5).

## 4.0 CONCLUSIONS

No live mussels were collected in Reach 1 upstream of Hayward Lake. The fine substrate observed in Transects 1 and 2 does not provide high-quality mussel habitat. The heterogeneous substrate and more moderate current velocity in Transects 6 - 8 may provide more suitable habitat, and relic shells were observed in this portion of the reach, suggesting that mussels may occur in low abundance in the upstream portion of Reach 1.

In contrast, a total of 373 live mussels of 10 species were collected in Reach 2, including one Wisconsin species of special concern. Mussels were present along all five sampled transects, and relic shells and live individuals were observed in the substrate while walking between transects as well. Habitat along the transects was characterized by heterogeneous substrate (cobble, gravel, sand) and moderate current velocity, and most of this reach appears to provide suitable habitat for mussels.



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Species	Common Name	Status <sup>1</sup>	Year of Observation <sup>2</sup>
<u>Pleurobemini</u>			
Eurynia dilatata	Spike		1987
Fusconaia flava	Wabash Pigtoe		1995
Pleurobema sintoxia	Round Pigtoe		1995
Lampsilini			
Actinonaias ligamentina	Mucket		1987
Lampsilis cardium	Plain Pocketbook		1987
Lampsilis siliquoidea	Fatmucket		1995
Ligumia recta	Black Sandshell		1987
<u>Anodontini</u>			
Alasmidonta marginata	Elktoe	SC/P	1987
Anodontoides ferussacianus	Cylindrical Papershell		1987
Lasmigona compressa	Creek Heelsplitter		1995
Lasmigona costata	Fluted Shell		1995
Pyganodon grandis	Giant Floater		1987
Strophitus undulatus	Creeper		1995
Total No. Species	13		

Table 1. Mussel species reported from the Namekagon River in Sawyer County, Wisconsin.

<sup>1</sup> SC/P = Wisconsin species of special concern (protected; WDNR, 2021)

<sup>2</sup> WDNR (2018)

				Substrate Composition (%)													
Reach	Trans	ect/Segmen	Depth (m)	Bedrock	Boulder	Cobble	Gravel	Sand	Mud	Silt	LWD	Veg.	Shell	Detritus			
	T1	0-10	0.61	0	0	0	30	40	0	10	10	10	0	0			
	T1	10-20	0.91	0	10	10	0	40	0	40	0	0	0	0			
	T1	20-30	0.91	0	0	0	0	0	70	20	0	10	0	0			
Reach 1	T1	30-40	0.91	0	0	0	0	0	80	15	0	5	0	0			
(US)	T1	40-50	0.91	0	0	0	0	0	60	20	0	20	0	0			
( )	T1	50-60	1.22	0	0	0	0	20	0	30	10	40	0	0			
	T1	60-70	1.22	0	0	0	10	40	0	20	0	30	0	0			
	T1	70-80	0.91	0	0	0	0	20	0	70	0	10	0	0			
	T2	0-10	0.91	0	0	0	0	40	50	0	0	10	0	0			
	T2	10-20	0.91	0	0	0	0	40	50	0	0	10	0	0			
	T2	20-30	0.91	0	0	0	0	40	50	0	0	10	0	0			
	T2	30-40	0.91	0	0	0	0	40	50	0	0	10	0	0			
	T2	40-50	0.61	0	0	0	0	30	60	0	0	10	0	0			
	T2	50-60	0.61	0	0	0	0	20	70	0	0	10	0	0			
	T2	60-70	0.61	0	0	0	0	10	80	0	0	10	0	0			
Reach 1	T2	70-80	0.30	0	0	0	0	0	90	0	0	10	0	0			
(US)	T2	80-90	0.30	0	0	0	0	0	90	0	0	10	0	0			
	T2	90-100	0.30	0	0	0	0	0	90	0	0	10	0	0			
	T2	100-110	0.30	0	0	0	0	0	90	0	0	10	0	0			
	T2	110-120	0.30	0	0	0	0	0	90	0	0	10	0	0			
	T2	120-130	0.30	0	0	0	0	0	90	0	0	10	0	0			
	T2	130-140	0.61	0	0	0	0	0	90	0	0	10	0	0			
	T2	140-150	0.61	0	0	0	0	0	50	0	0	50	0	0			
	T2	150-160	0.61	0	0	0	0	0	80	0	0	20	0	0			
	Т6	0-10	0.30	0	5	30	20	40	0	0	5	0	0	0			
Reach 1	T6	10-20	0.91	0	0	20	40	20	0	0	20	0	0	0			
(US)	T6	20-30	0.91	0	0	0	30	50	0	0	0	20	0	0			
	Т6	30-40	0.91	0	0	20	20	30	0	0	0	30	0	0			

Table 2. Habitat characteristics observed in Hayward riverine surveys, Namekagon River, 2022.

				Substrate Composition (%)											
Reach	Transe	ect/Segmen	Depth (m)	Bedrock	Boulder	Cobble	Gravel	Sand	Mud	Silt	LWD	Veg.	Shell	Detritus	
Reach 1	T7	0-10	0.46	0	0	30	40	20	0	0	10	0	0	0	
	Τ7	10-20	0.76	0	0	20	30	50	0	0	0	0	0	0	
(US)	Τ7	20-30	0.91	0	0	10	50	40	0	0	0	0	0	0	
	Τ7	30-35	0.30	0	0	10	50	40	0	0	0	0	0	0	
	Т8	0-10	0.46	0	0	20	20	40	0	10	10	0	0	0	
Reach 1	Т8	10-20	0.46	0	0	20	40	40	0	0	0	0	0	0	
(US)	Т8	20-30	0.46	0	0	20	40	30	0	0	0	10	0	0	
(00)	Т8	30-40	0.46	0	0	30	40	20	0	0	0	10	0	0	
	Т8	40-50	0.46	0	0	20	40	20	0	10	10	0	0	0	
Reach 2 (DS)	T2	0-10	0.61	0	0	50	30	10	0	0	10	0	0	0	
	T2	10-20	0.61	0	0	50	30	20	0	0	0	0	0	0	
(00)	T2	20-30	0.61	0	0	0	10	80	0	0	0	0	10	0	
Reach 2	Т3	0-10	0.61	0	0	50	40	10	0	0	0	0	0	0	
(DS)	Т3	10-20	0.91	0	0	40	40	20	0	0	0	0	0	0	
(03)	Т3	20-25	0.61	0	0	50	30	20	0	0	0	0	0	0	
Reach 2	Τ4	0-10	0.61	0	0	50	30	20	0	0	0	0	0	0	
(DS)	Τ4	10-20	0.91	0	10	50	30	10	0	0	0	0	0	0	
(03)	T4	20-25	0.30	0	30	0	0	50	0	0	0	20	0	0	
Reach 2 (DS)	Т8	0-10	0.91	0	0	20	30	40	0	0	10	0	0	0	
	Т8	10-20	0.91	0	0	10	30	50	0	0	10	0	0	0	
	Т8	20-30	0.91	0	0	0	10	60	0	0	30	0	0	0	
Reach 2	Т9	0-10	0.61	0	0	40	30	20	0	0	10	0	0	0	
	Т9	10-20	0.61	0	0	0	80	10	0	0	0	10	0	0	
(DS)	Т9	20-30	0.30	0	0	40	40	20	0	0	0	0	0	0	

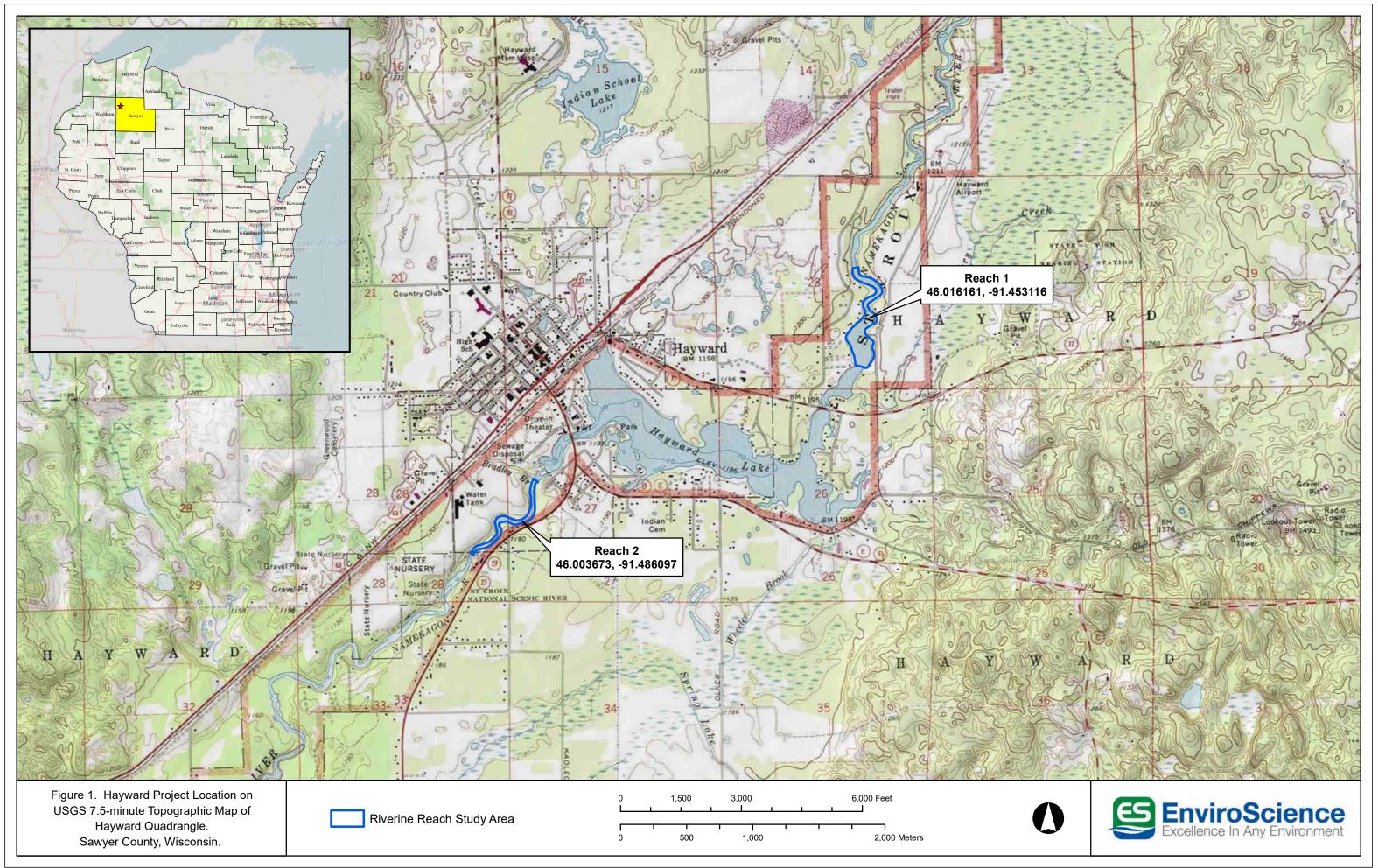
Table 2. Habitat characteristics observed in Hayward riverine surveys, Namekagon River, 2022.

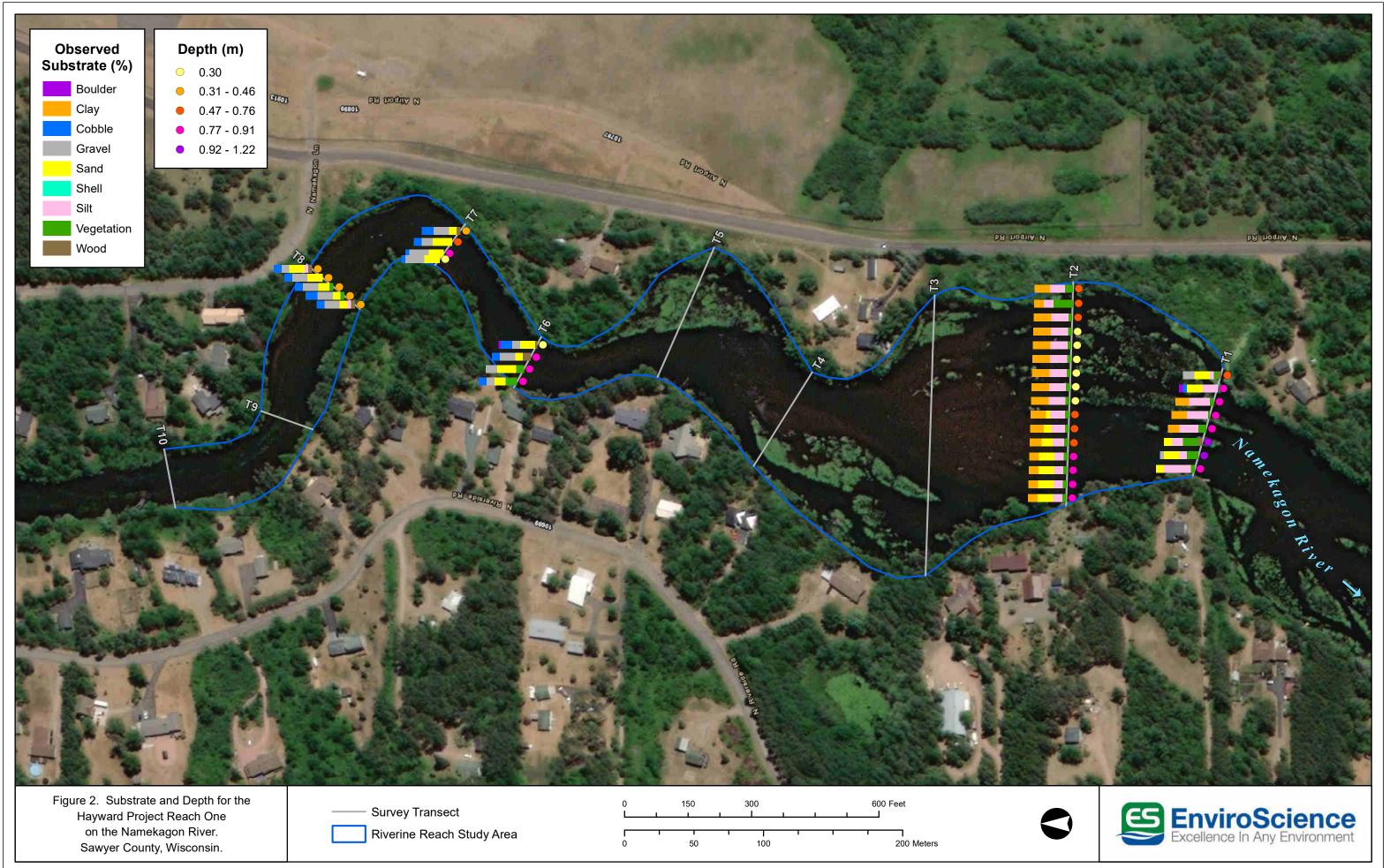
US = upstream; DS = downstream, LWD = large woody debris

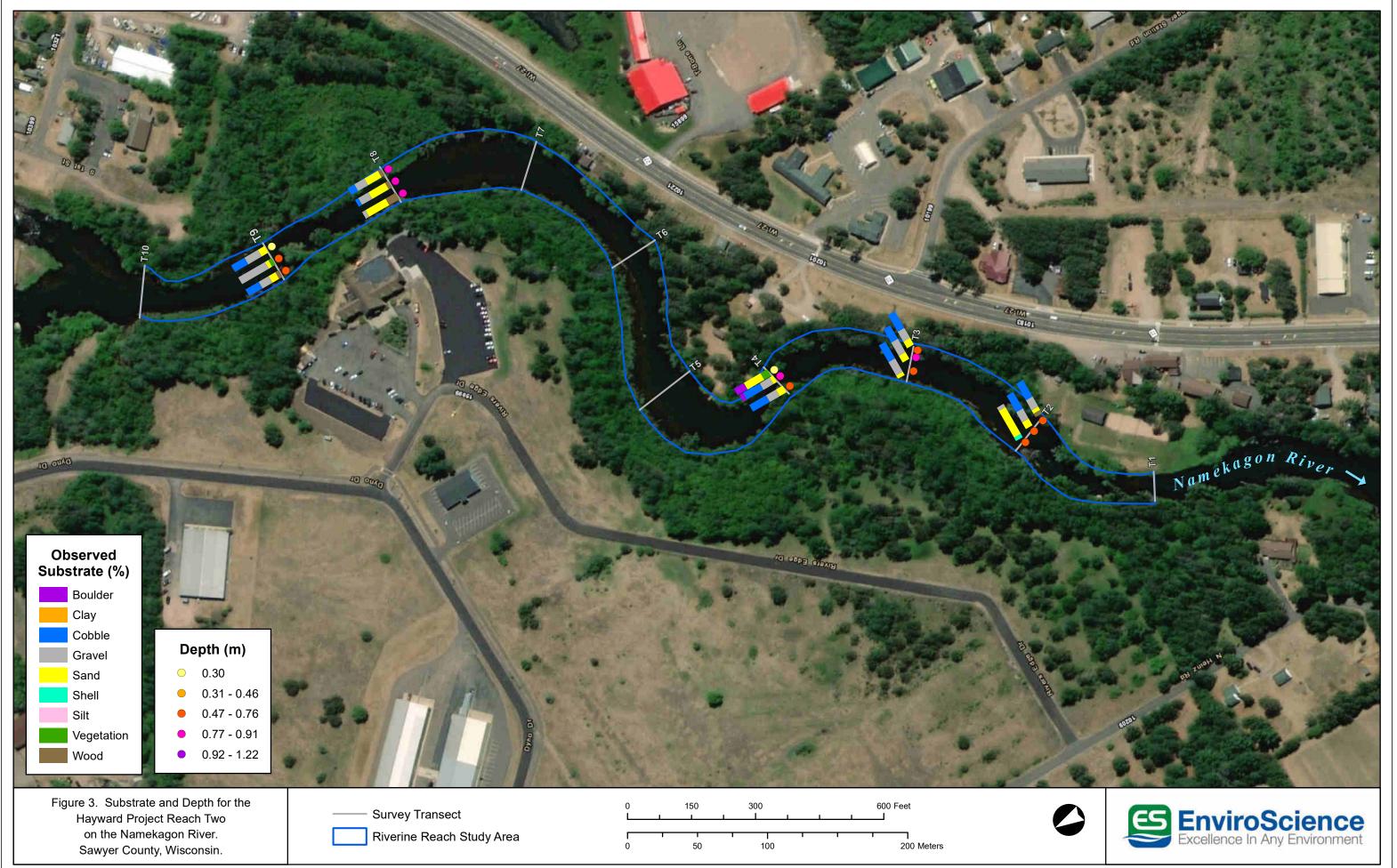
Table 2 Summar	waf affart and mussale callected in Hav	word rivering our even	Nemekagan Divar 2022
Table 5. Summar	y of effort and mussels collected in Hay	/waru nvenne surveys,	Namekayon River, 2022.

		Reach 1 (Upstream)							Reach 2 (Downstream)								Total	
Species	Common Name	T1	T2	T6	T7	Т8	Total	%	T2	Т3	T4	Т8	Т9	Total	%	Total	%	
<u>Amblemini</u> Amblema plicata	Threeridge	-	-	WD	-	-	WD	-	-	-	-	-	-	-	-	-		
<u>Pleurobemini</u> Eurynia dilatata Fusconaia flava	Spike Wabash Pigtoe	-	-	- WD	-	-	- WD	-	2 2	17 6	16 9	2 8	- 10	37 35	9.9 9.4	37 35	9.9 9.4	
<u>Lampsilini</u> Actinonaias ligamentina Lampsilis cardium Lampsilis siliquoidea Ligumia recta	Mucket Plain Pocketbook Fatmucket Black Sandshell	- - -	- - -	- - SF -	- - -	- - -	- - SF -	- - -	18 2 5 2	29 6 3 3	20 10 2 5	23 9 4 7	20 13 7 1	110 40 21 18	29.5 10.7 5.6 4.8	110 40 21 18	29.5 10.7 5.6 4.8	
<u>Anodontini</u> Alasmidonta marginata Lasmigona costata Pyganodon grandis Strophitus undulatus	Elktoe Fluted Shell Giant Floater Creeper	- - -	- - -	- - -	- - -	- - -	- - -	- - -	2 4 -	1 15 - 5	5 4 1 5	1 23 1 14	1 17 - 13	10 63 2 37	2.7 16.9 0.5 9.9	10 63 2 37	2.7 16.9 0.5 9.9	
Total Abundance Live Species		0 0	0 0	0 0	0 0	0 0	0 0	-	37 8	85 9	77 10	92 10	82 8	373 10	100.0	373	100.0	
Effort (m <sup>2</sup> ) Surface Density (no./m <sup>2</sup> )		80 0.00	160 0.00	40 0.00	35 0.00	50 0.00	365 0.00		30 1.23	25 3.40	25 3.08	30 3.07	30 2.73	140 2.66		505 0.739		
% ≤5 external annuli Simpson's Diversity Pielou's Evenness							- - -							0.27 0.84 0.34				

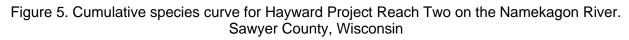
WD = weathered dead shell; SF = sub-fossil shell

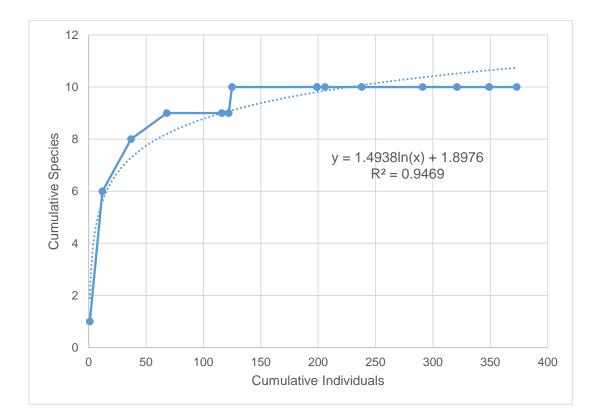














## Appendix A

Scientific Collecting Permits and Survey Plan



State of Wisconsin DEPARTMENT OF NATURAL RESOURCES 101 S. Webster Street Box 7921 Madison WI 53707-7921

Tony Evers, Governor Preston D. Cole, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463



July 30, 2021

Emily Grossman EnviroScience, Inc 2977 Hwy K #226 O'Fallon, MO 63368

## Subject: WI E/T Permit Enclosed

Dear Emily:

With this letter we are updating your ET Species Permit #1130, per your request, as follows:

Species added to permit for removal and relocation to nearest suitable habitat outside impacted area:

 All Wisconsin threatened/endangered mussel species, collected as encountered on projects. Live mussels will be returned to the wild. Dead shells may be retained as vouchers and deposited in a reference collection, if permitted.

These updates are now part of your WI E/T Permit and will expire along with your original permit. Updated conditions are attached to this letter.

Please keep this letter and your E/T permit with you when conducting activities involving species listed on your permit.

Thank you for your efforts on behalf of Wisconsin's endangered and threatened resources.

Sincerely,

Drew Feldkirchner Bureau Director



The following conditions apply to Wisconsin E/T Species Permit **#1130** issued to **Emily Grossman**:

- 1. Bureau of Natural Heritage Conservation Mussels should not be surveyed when water temperatures are less than 40 ° F and air temperatures are less than 32° F.
- 2. Permit holder must follow equipment disinfection protocols at outlined in WDNR Manual Code 9183.1, found online at the <u>DNR public site</u>.
- 3. Permit holder agrees to follow Mussel Relocation Protocol (if applicable) and Wisconsin Wadeable Protocol for Mussel Sampling unless approved by the DNR species expert.
- 4. If you anticipate encountering a <u>federally listed mussel species</u> while conducting mussel surveys, a federal permit may also be required. For further information, contact U.S. Fish and Wildlife Service, Twin Cities Field Office at (952) 252-0092.
- 5. If a federally listed species is not anticipated, but is encountered during a survey or relocation, the surveyor must contact the U.S. Fish and Wildlife Service's Twin Cities Field Office (612) 725-3548 ext. 2206) within 24 hours of the encounter, unless the surveyor is already authorized to handle the species under a federal permit.
- 6. Permit holder <u>must</u> contact <u>Lisie Kitchel</u> (608) 266-5248) prior to conducting field work for each new project.

### USACE GUIDELINES

- 1. Target and non-target species should be returned to point of capture, unless the project involves relocation. If the project involves relocation, please contact Lisie Kitchel (608) 266-5248).
- 2. Mussels should not be surveyed when water temperatures are less than 40 ° F and air temperatures are less than 32° F.
- 3. It is recommended to follow the equipment disinfection protocols for aquatic invasives as outlined in WDNR Manual Code 9183.1, found online at the <u>DNR public site</u>.
- 4. It is recommended to follow the Mussel Relocation Protocol (if applicable) and Wisconsin Wadeable Protocol for Mussel Sampling.

State of Wisconsin Department of Natural Resources PO Box 7921 Madison WI 53707-7921

# **Endangered and Threatened Species Permit**

Form 1700-002 (R 3/06)

					DNR Pern	nit Number	DNR M	etal Tag Nu	mber	
The below named person Resources, pursuant to se						1130				
Code, to conduct the desc				ann.	Date DNR	R Permit Issu	ed Date DI	NR Permit E	Expires	
Permittee Information					07/	/24/2018		01/31/20	24	
Last Name		First			Federal P	ermit Numbe	er Date Fe	ederal Perm	it Expires	
Grossman		Emily								
Street or Route		City			1	State	ZIP Co	de		
21 Fort Zumwalt Dr		O'Fallon				MO		63366		
Phone Number	Email Address	I	Date	e of E	Birth	Eye Color	Hair Color	Weight	Height	
(847) 269-4159	egrossman@env	viroscienceinc.co	om 3/	19/1	987	Blue	Brown	150	5'6"	
Species or Study Inform										
County(ies) of Activity										
Statewide										
Name and Number of Sp										
All Wisconsin threat	•	-								
Mussels will be colle	ected as encounter	red on projects;	specific n	numl	bers of e	ach specie	es are not l	known at	this	
time										
Source of Species or Are	a of Study		Where S	Speci	es or Item	Will Be Ker	ot			
Aquatic systems (riv		) throughout						ld. Dead	shells	
Wisconsin	orb, stroumb, takes	) unougnout	Live mussels will be returned to the wild. Dead shells may be retained as vouchers and deposited in a							
W ISCONSIII			· ·			n, if permi	-	neu m u		
Method of Taking and/or	Transporting					eriod of Tim				
Mussels will be colle		wading/	-		-	validity.	0			
snorkeling/diving.	cted by hand via	wading/	Duran	511 0	i perimi	vanunty.				
Purpose for Obtaining or	Collection									
Mussel surveys and p		tion for construe	ction and	or e	cologics	al monitor	ing projec	ts		
iviusser surveys and p					cologice		ing projec	1.5		
Final Disposition of Speci	imens									
Live mussels will be		vild Dead shells	may be r	etaiı	ned as vo	ouchers it	f nermitted	1		
Scientific Qualification of		na. Deud Shens	may be r	- tun				* •		
See permit file.										
see permit me.										
Additional Conditions of T	This Permit									
See attached letter w	ith conditions.									
Permittee Certification										
I hereby certify that I have and must be exhibited to							ı. This permi	t is not trar	sferable	
PermittanaGignature						Date Sig	Ined			
Emily Grossman						8/3/20	21   12:2	3 PM CDT	-	
BCABDB7B5AC8410			CONSIN							
		STATE OF WIS		RAL F	RESOURC	CES				
		For the Secretar	ry							
		DocuSigne	· · · ·					7/30/202	1   12:0	
		By: Drew F	Eldkirch	ner	N N		Date:	1/30/202	т г тс:О	

Address updated on 1/14/2022 by NRR.

-F8586A547FC44E3...

# **Emily Grossman**

From:	Kitchel, Lisie E - DNR <lisie.kitchel@wisconsin.gov></lisie.kitchel@wisconsin.gov>
Sent:	Monday, June 6, 2022 3:00 PM
То:	Emily Grossman; Weinzinger, Jesse J - DNR
Cc:	Becca Winterringer
Subject:	RE: Mussel survey plans

Emily – all three look good, the only thing I would add would be to please note if there is an obvious 'drawdown zone' in any of the river reaches as a result of either consistent drawdownd or seasonal drawdownd where no mussels are present due to being dewatered, the classic 'bathtub ring', to document habitat that is impacted by operation or seasonal maintenance. This is especially important for the Gile Flowage which has a significant drawdown.

By document I mean not just if its present but the extent to which it occurs, 1 foot, 2 feet, 1 meter, etc. in width, or however best to describe it, not if it is not present.

Hope that is clear, give me a call if you want to discuss.

Have fun in northern Wisconsin!!

### Lisie Kitchel

Conservation Biologist Bureau of Natural Heritage Conservation Wisconsin Department of Natural Resources 101 S. Webster St. Madison, WI 53707 Cell Phone: (608-220-5180



From: Emily Grossman <egrossman@enviroscienceinc.com>
Sent: Monday, June 6, 2022 11:26 AM
To: Kitchel, Lisie E - DNR <Lisie.Kitchel@wisconsin.gov>; Weinzinger, Jesse J - DNR <Jesse.Weinzinger@wisconsin.gov>
Cc: Becca Winterringer <bwinterringer@enviroscienceinc.com>
Subject: Mussel survey plans

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisie and Jesse,

EnviroScience was recently contracted by Mead and Hunt to conduct mussel surveys for four hydropower licensing/relicensing projects in northern Wisconsin. The locations and survey plans include:

- Hayward Lake and Trego Lake, Namekagon River near Hayward & Trego
- White River Flowage, White River near Ashland
- Gile Flowage, W. Fork Montreal River near Gile

Fieldwork will be led by either me (WI E/T permit #1130) or Becca Winterringer (WI E/T permit #1164). Per our permits, we wanted to notify you that we'll be conducting the surveys and request your review of the survey plans to ensure they're adequate. Based on the RFP we received, it looks like Mead and Hunt may have already discussed the survey methods with WIDNR, but please take a look at the attached plans and let me know if you have any comments or questions. We are hoping to start fieldwork in the next couple weeks, if possible, in order to complete the White River site before a planned drawdown of this reservoir in early July.

Again, please let me know if you have any questions/comments or need any additional info.

Thank you!

Emily Grossman Senior Scientist/Project Manager



5070 Stow Road, Stow, OH 44224 | <u>EnviroScienceInc.com</u> O. 800.940.4025 | C. 847.269.4159 | 24-HR 888.866.8540 OH | TN | VA | WV | NC

Meet our new team in <u>North Carolina</u>!



## SCIENTIFIC RESEARCH AND **COLLECTING PERMIT**

Grants permission in accordance with the attached

general and special conditions

**United States Department of the Interior National Park Service** 

Saint Croix

Study#: SACN-00158 Permit#: SACN-2022-SCI-0013 Start Date: Jun 20, 2022 Expiration Date: Jul 08, 2022 Coop Agreement#: **Optional Park Code:** 

Name of principal investigator: Name: Rebecca Winterringer Phone:6365444754 Email:bwinterringer@enviroscienceinc.co m Name of institution represented: EnviroScience, Inc. Additional investigators or key field assistants: Name: Emily Grossman Phone: 847-269-4159 Email: egrossman@enviroscienceinc.com Name: Robert Williams Phone: 423-802-3237 Email: rwilliams@enviroscienceinc.com Name: Matt Gilkav Phone: 763-222-5107 Email: mgilkay@enviroscienceinc.com Name: Paul Moreno Phone: 54-317-1740 Email: m256moreno@gmail.com Name: Ben Ebert Phone: 517-899-3403 Email: bebert@enviroscienceinc.com **Study Title:** Mussel Studies for the Hayward (FERC No. 2417) and Trego (FERC No. 2711) Hydroelectric Projects, Namekagon River, Sawyer and Washburn Counties, Wisconsin. **Purpose of study:** The objective of the mussel studies is to provide data on freshwater mussel species and habitat within each of the Project areas. These studies aim to collect current mussel information to supplement historical data near the Project areas and document the resident mussel community above and below each dam. Coordination of the mussel studies has been undertaken by the Project owner and EnviroScience's client (Mead and Hunt). The mussel studies will follow the approved study plans submitted by Mead and Hunt related to correspondence from the NPS dated March 2, 2022. Subject/Discipline: Inventory Natural Resources Water Resources Locations authorized: Hayward Hydroelectric Project - Reach 1 will begin approximately 430 m above the Highway 77 bridge (approx. coordinates: 46.013296, -91.453639) and extend 1,000 m upstream. Reach 2 will begin at the canoe portage put-in (approximate coordinates: 46.002513, -91.489114) and will extend 1,000 m downstream. Trego Hydroelectric Project - Reach 1 will begin at the Wagon Bridge Road crossing (approx. coordinates: 45.908514, -91.824905) and extend 1,000 m downstream. Reach 2 will begin 45 m below the Trego Dam (approx. coordinates: 45.948372, -91.888830) and extend 1,000 m downstream. Transportation method to research site(s): Access to each survey area will be via public boat or canoe launches in public parking designated areas. Collection of the following specimens or materials, quantities, and any limitations on collecting: Name of repository for specimens or sample materials if applicable: Repository type: Temporarily captured or handled (may include marking) and then released undamaged in place Objects collected: All freshwater mussels encountered will be inventories and released to their point of collection. Live mussels found will be kept submersed in ambient river water and kept cool and moist during processing. All live mussels will be identified to species, counted, measured (length in millimeters), aged (external annuli count), and sexed (sexually dimorphic species only) by the team malacologist. Dead shell specimens will be scored as fresh dead (dead less than one year, lustrous nacre), weathered dead (dead one to many years; chalky nacre, fragmented, and worn periostracum), or subfossil (dead many years to many decades; severely worn and fragmented). Detailed digital images of the study area and representative mussel species will be recorded and reported. Species likely to be encountered based on Wisconsin Observation by County and Waterbody:

Black Sandshell - Ligumia recta Creek Heelsplitter - Lasmigona compressa Creeper - Strophitus undulatus Cylindrical Papershell - Anodontoides ferussacianus Deertoe - Truncilla truncata Elktoe - Alasmidonta marginata Fatmucket - Lampsilis siliquoidea Fluted-shell - Lasmigona costata Fragile Papershell - Leptodea fragilis Giant Floater - Pyganodon grandis Hickorynut - Obovaria olivaria Mapleleaf - Quadrula quadrula Mucket - Actinonaias ligamentina Paper Pondshell - Utterbackia imbecillis Pimpleback - Ouadrula pustulosa Pink Heelsplitter - Potamilus alatus Plain Pocketbook - Lampsilis cardium Purple Wartyback - Cyclonaias tuberculata Round Pigtoe - Pleurobema sintoxia Salamander Mussel - Simpsonaias ambigua Spike - Elliptio dilatata Threeridge - Amblema plicata Wabash Pigtoe - Fusconaia flava

NPS General Conditions for Scientific Research and Collecting Permit (available at the RPRS HELP page) apply to this permit. The following specific conditions or restrictions, and any attached conditions, also apply to this permit: Plot Marking

Route marking such as painting, blazing, or flagging is prohibited. Materials used to mark plots must be pre-approved by the Resource Management Specialist and must be as subtle as possible. Biodegradable flagging should be used to temporarily mark plots. All tags must have the researcher s name, project name, and date. Whenever possible, markers must not be readily visible to visitors.

#### Aquatic Collecting

All equipment must be free of zebra mussels.

Decontamination procedures are visual inspection, removal of plants, shells, etc., and a hot water rinse of 140 degrees F or out of water for at least 5 days.

#### Other Permits

This permit does not negate or replace other permits that may be required from local, state or other federal agencies.

#### Summary of permitted field methods and activities:

Mussel studies will include field surveys of two riverine reaches at each of the two Project locations. Mussel study methods were developed based on the Wisconsin Department of Natural Resources' (WDNR) Guidelines for Sampling Freshwater Mussels in Wadable Streams (Piette, 2015).

Mussel studies within riverine habitat will be conducted at each Project location. The survey area for each Project will include two riverine reaches, one upstream of the impoundment and one downstream of the Project powerhouse outside of the mixing zone. The upstream and downstream boundaries of each reach will be defined as follows:

Hayward Hydroelectric Project - Reach 1 will begin approximately 430 m above the Highway 77 bridge and extend 1,000 m upstream. Reach 2 will begin at the canoe portage put-in and will extend 1,000 m downstream.

Trego Hydroelectric Project - Reach 1 will begin at the Wagon Bridge Road crossing and extend 1,000 m downstream. Reach 2 will begin 45 m below the Trego Dam and extend 1,000 m downstream.

Within each reach, a series of transects extending bank to bank will be established every 100 m, creating a series of 10 possible transects per reach. Transects will be numbered sequentially from downstream to upstream, and a random number selector will be used to select five transects for the survey within each reach.

Searches along each transect will be conducted in 10-m segments and will extend 0.5 m on each side of the transect. A rapid visual search for signs of freshwater mussels (living or shell material) will be performed within each segment. The rapid visual search will entail an initial search of 0.2 minutes per m2 (min/m2) along each 10-m segment to determine if mussels are present. If mussels are present in a segment, a semi-quantitative search will be triggered, and the time will be extended to 1 min/m2. During the semi-quantitative search, divers will visually search, probe the substrate, and turn over rocks to detect small, burrowed mussels. EnviroScience will record general stream conditions and morphology within the study area and reference the Aquatic Habitat Classification on the St. Croix National Scenic Riverway for methodology and classifications. Water depth and river bottom substrate composition using the Wentworth Scale (% observed of silt, sand, gravel, etc.) will be recorded. The survey will be conducted only

when visibility at depth is at least 20 inches. In addition, a general description of mussel habitat in the Project boundary will be provided in reporting.

Live mussels found will be kept submersed in ambient river water and kept cool and moist during processing. All live mussels will be identified to species, counted, measured (length in millimeters), aged (external annuli count), and sexed (sexually dimorphic species only) by the team malacologist. Dead shell specimens will be scored as fresh dead (dead less than one year, lustrous nacre), weathered dead (dead one to many years; chalky nacre, fragmented, and worn periostracum), or subfossil (dead many years to many decades; severely worn and fragmented). Detailed digital images of the study area and representative mussel species will be recorded and reported. Datasheets will be populated and summarized per the Mussel Survey Summary Tables provided in Appendix 2 of each mussel study plan. Mussel taxonomy will follow the names presented by Williams et al., 2017.

If any living or dead federal or state-listed species are encountered, EnviroScience will notify Mead & Hunt immediately; per surveyor collection permits, WDNR, National Park Service (NPS), and the U.S. Fish & Wildlife Service (USFWS) will be notified within 24 hours. No live mussels will be harmed or taken during this Project. Any specimens of federally listed species that are encountered will be individually hand placed in their original locations.

Recommended by park staff(name and title):	<b>Reviewed by Collections Manager:</b>				
	Yes No				
Approved by park official:	Date Approved:				
Title:					
Superintendent					

I Agree To All Conditions And Restrictions Of this Permit As Specified (Not valid unless signed and dated by the principal investigator)

(Principal investigator's signature)

(Date)

THIS PERMIT AND ATTACHED CONDITIONS AND RESTRICTIONS MUST BE CARRIED AT ALL TIMES WHILE CONDUCTING RESEARCH ACTIVITIES IN THE DESIGNATED PARK(S)



National Park Service

1. Authority - The permittee is granted privileges covered under this permit subject to the supervision of the superintendent or a designee, and shall comply with all applicable laws and regulations of the National Park System area and other federal and state laws. A National Park Service (NPS) representative may accompany the permittee in the field to ensure compliance with regulations.

2. **Responsibility** - The permittee is responsible for ensuring that all persons working on the project adhere to permit conditions and applicable NPS regulations.

3. False information - The permittee is prohibited from giving false information that is used to issue this permit. To do so will be considered a breach of conditions and be grounds for revocation of this permit and other applicable penalties.

4. Assignment - This permit may not be transferred or assigned. Additional investigators and field assistants are to be coordinated by the person(s) named in the permit and should carry a copy of the permit while they are working in the park. The principal investigator shall notify the park's Research and Collecting Permit Office when there are desired changes in the approved study protocols or methods, changes in the affiliation or status of the principal investigator, or modification of the name of any project member.

5. **Revocation** - This permit may be terminated for breach of any condition. The permittee may consult with the appropriate NPS Regional Science Advisor to clarify issues resulting in a revoked permit and the potential for reinstatement by the park superintendent or a designee.

6. Collection of specimens (including materials) - No specimens (including materials) may be collected unless authorized on the Scientific Research and Collecting permit.

The general conditions for specimen collections are:

- Collection of archeological materials without a valid Federal Archeology Permit is prohibited.
- Collection of federally listed threatened or endangered species without a valid U.S. Fish and Wildlife Service endangered species permit is prohibited.
- Collection methods shall not attract undue attention or cause unapproved damage, depletion, or disturbance to the environment and other park resources, such as historic sites.
- New specimens must be reported to the NPS annually or more frequently if required by the park issuing the permit. Minimum information for annual reporting includes specimen classification, number of specimens collected, location collected, specimen status(e.g., herbarium sheet, preserved in alcohol / formalin, tanned and mounted, dried and boxed, etc.), and current location.
- Collected specimens that are not consumed in analysis or discarded after scientific analysis remain federal property. The NPS reserves the right to designate the repositories of all specimens removed from the park and to approve or restrict reassignment of specimens from one repository to another. Because specimens are Federal property, they shall not be destroyed or discarded without prior NPS authorization.
- Each specimen (or groups of specimens labeled as a group) that is retained permanently must bear NPS labels and must be accessioned and cataloged in the NPS National Catalog.Unless exempted by additional park specific stipulations, the permittee will complete the labels and catalog records and will provide accession information. It is the permittee's responsibility to contact the park for cataloging instructions and specimen labels as well as instructions on repository designation for the specimens.
- Collected specimens may be used for scientific or educational purposes only, and shall be dedicated to public benefit and be accessible to the public in accordance with NPS policies and procedures.
- Any specimens collected under this permit, any components of any specimens (including but not limited to natural organisms, enzymes or other bioactive molecules, genetic materials, or seeds), and research results derived from collected specimens are to be used for

scientific or educational purposes only, and may not be used for commercial or other revenue - generating purposes unless the permittee has entered into a Cooperative Research And Development Agreement(CRADA) or other approved benefit - sharing agreement with the NPS. The sale of collected research specimens or other unauthorized transfers to third parties is prohibited. Furthermore, if the permittee sells or otherwise transfers collected specimens, any components thereof, or any products or research results developed from such specimens or their components without a CRADA or other approved benefit-sharing agreement with NPS, permittee will pay the NPS a royalty rate of twenty percent(20 %) of gross revenue from such sales or other revenues. In addition to such royalty, the NPS may seek other damages to which the NPS may be entitled including but not limited to injunctive relief against the permittee.

7. **Reports** - The permittee is required to submit an Investigator's Annual Report and copies of final reports, publications, and other materials resulting from the study. Instructions for how and when to submit an annual report will be provided by NPS staff. Park research coordinators will analyze study proposals to determine whether copies of field notes, databases, maps, photos, and / or other materials may also be requested. The permittee is responsible for the content of reports and data provided to the National Park Service

8. **Confidentiality** - The permittee agrees to keep the specific location of sensitive park resources confidential. Sensitive resources include threatened species, endangered species, and rare species, archeological sites, caves, fossil sites, minerals, commercially valuable resources, and sacred ceremonial sites.

9. Methods of travel - Travel within the park is restricted to only those methods that are available to the general public unless otherwise specified in additional stipulations associated with this permit.

10. Other permits - The permittee must obtain all other required permit(s) to conduct the specified project.

1

11. **Insurance** - If liability insurance is required by the NPS for this project, then documentation must be provided that it has been obtained and is current in all respects before this permit is considered valid.

12. Mechanized equipment - No use of mechanized equipment in designated, proposed, or potential wilderness areas is allowed unless authorized by the superintendent or a designee in additional specific conditions associated with this permit.

13. NPS participation - The permittee should not anticipate assistance from the NPS unless specific arrangements are made and documented in either an additional stipulation attached to this permit or in other separate written agreements.

14. **Permanent markers and field equipment** - The permittee is required to remove all markers or equipment from the field after the completion of the study or prior to the expiration date of this permit. The superintendent or a designee may modify this requirement through additional park specific conditions that may be attached to this permit. Additional conditions regarding the positioning and identification of markers and field equipment may be issued by staff at individual parks.

15. Access to park and restricted areas - Approval for any activity is contingent on the park being open and staffed for required operations. No entry into restricted areas is allowed unless authorized in additional park specific stipulations attached to this permit.

16. Notification - The permittee is required to contact the park's Research and Collecting Permit Office (or other offices if indicated in the stipulations associated with this permit) prior to initiating any fieldwork authorized by this permit. Ideally this contact should occur at least one week prior to the initial visit to the park.

17. Expiration date - Permits expire on the date listed. Nothing in this permit shall be construed as granting any exclusive research privileges or automatic right to continue, extend, or renew this or any other line of research under new permit(s).

18. Other stipulations - This permit includes by reference all stipulations listed in the application materials or in additional attachments to this permit provided by the superintendent or a designee. Breach of any of the terms of this permit will be grounds for revocation of this permit and denial of future permits.

# **SURVEY PLAN:**

# FRESHWATER MUSSEL STUDIES FOR THE HAYWARD AND TREGO HYDROELECTRIC PROJECTS (FERC Nos. 2417 and 2711)

Prepared for:



On Behalf of :

Mead

Prepared by:



5070 Stow Rd. Stow, OH 44224 800-940-4025 www.EnviroScienceInc.com

ES Project No. 16082

Date: June 6, 2022

# **TABLE OF CONTENTS**

1.0	PROJECT OVERVIEW	1
2.0	MUSSEL SURVEY SCOPE OF WORK	1
	Task One: Mussel Studies	1
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	Mussel Survey Schedule	2
3.0	LITERATURE CITED	3



# **1.0 PROJECT OVERVIEW**

EnviroScience, Inc. is pleased to submit this survey plan to the Wisconsin Department of Natural Resources (WDNR) on behalf of Mead & Hunt to perform freshwater mussel studies associated with the Federal Energy Regulatory Commission (FERC) relicensing process for the Hayward Hydroelectric Project (FERC Project No. 2417) and Trego Hydroelectric Project (FERC Project No. 2711). Northern States Power Company – Wisconsin, d/b/a Xcel Energy (Licensee/Applicant), is required to evaluate existing freshwater mussel resources and potential impacts to freshwater mussel resources associated with continued project operations. The Hayward project is located on the Namekagon River near Hayward, Sawyer County, Wisconsin. The Trego project is located on the Namekagon River near Trego, Washburn County, Wisconsin.

# 2.0 MUSSEL SURVEY SCOPE OF WORK

# **TASK ONE: MUSSEL STUDIES**

Mussel survey methods were developed following the 2015 WDNR Guidelines for Sampling Freshwater Mussels in Wadeable Streams (Guidelines; Piette, 2015). Mussel studies will include field surveys of two riverine reaches at each project location. One reach will be located upstream of the impoundment, and one will be downstream of the project powerhouse. The upstream and downstream boundaries of each reach will be defined as follows:

- Hayward Hydroelectric Project (22 MHT Work Scope): Reach 1 will begin approximately 430 m above the Highway 77 bridge and extend 1,000 m upstream. Reach 2 will begin at the canoe portage put-in and will extend 1,000 m downstream.
- Trego Hydroelectric Project (22 MHT Work Scope): Reach 1 will begin at the Wagon Bridge Road crossing and extend 1,000 m downstream. Reach 2 will begin 45 m below the Trego Dam and extend 1,000 m downstream.

Within each reach, a series of transects extending bank to bank will be established every 100 m, creating a series of 10 possible transects per reach. Transects will be numbered sequentially from downstream to upstream, and a random number selector will be used to select five transects for the survey within each reach.

Searches along each transect will be conducted in 10-m segments and will extend 0.5 m on each side of the transect. A rapid visual search for signs of freshwater mussels (living or shell material) will be performed within each segment. The rapid visual search will entail an initial search of 0.2 minutes per m<sup>2</sup> (min/m<sup>2</sup>) along each 10-m segment to determine if mussels are present. If mussels are present in a segment, a semi-quantitative search will be triggered, and the time will be extended to 1 min/m<sup>2</sup>. During the semi-quantitative search, divers will visually search, probe the substrate, and turn over rocks to detect small, burrowed mussels.

EnviroScience will record general stream conditions and morphology within the study area and will reference the Aquatic Habitat Classification on the St. Croix National Scenic Riverway (Wan et al., 2007) for methodology and classifications. Water depth and river bottom substrate composition using the Wentworth Scale (% observed of silt, sand, gravel, etc.) will be recorded. The survey will be conducted only when visibility at depth is at least 20 inches. In addition, a general description of mussel habitat in the project boundary will be provided.



## **Data and Mussel Handling**

Live mussels found will be kept submersed in ambient river water and kept cool and moist during processing. All live mussels will be identified to species, counted, measured (length in millimeters), aged (external annuli count), and sexed (sexually dimorphic species only) by the team malacologist. Dead shell specimens will be scored as fresh dead (dead less than one year, lustrous nacre), weathered dead (dead one to many years; chalky nacre, fragmented, and worn periostracum), or subfossil (dead many years to many decades; severely worn and fragmented). Detailed digital images of the study area and representative mussel species will be recorded and reported. Datasheets will be populated and summarized per the Mussel Survey Summary Tables provided in Appendix 2 of each mussel study plan provided by Mead & Hunt. Mussel taxonomy will follow the names presented by Williams et al., 2017.

If any living or dead federal or state-listed species are encountered, EnviroScience will notify Mead & Hunt immediately; per surveyor collection permits, WDNR, the National Park Service (NPS), and the U.S. Fish & Wildlife Service (USFWS) will be notified within 24 hours. No live mussels will be harmed or taken during this project. Any specimens of federally listed species that are encountered will be individually hand placed in their original locations.

## **TASK TWO: REPORTING**

EnviroScience will provide Mead & Hunt with draft reports for the Hayward and Trego projects for review within 30 days of completion of fieldwork or by October 31, 2022, whichever occurs first. Final draft reports for each project for distribution to the relicensing participants will be completed within seven days after receiving Mead & Hunt's comments. EnviroScience will review and address participant comments and provide a final study report within 30 days of receiving participant comments from Mead & Hunt.

Each report will include a description of mussel survey activities and the prescribed Mussel Survey Summary Tables of all data collected, including mussel species numbers, sizes, and distribution within the study area. GIS-based mapping will provide further visual presentations of the findings of the survey. Geo-referenced photos and GIS shapefiles will be provided electronically to Mead & Hunt.

## **MUSSEL SURVEY SCHEDULE**

Field work will be initiated following coordination with WDNR, receipt of permits, and when suitable weather and river conditions allow. Normal to low water conditions and good visibility must occur to conduct field work; project activities will be planned accordingly. Fieldwork is tentatively planned for mid-June 2022.



# 3.0 LITERATURE CITED

- Piette, R. R. (2015). Guidelines for sampling freshwater mussels in wadable streams. Wisconsin Department of Natural Resources. 50pp.
- Wan, H., Perry, J., Ferrin, R., Moraska-LaFrancois, B., Wan, H., Perry, J., ... & Moraska-LaFrancois, B. (2007). Aquatic habitat classification on the St. Croix National Scenic Riverway. In Research report to the US National Park Service. University of Minnesota.
- Williams, J. D., Bogan, A. E., Butler, R. S., Cummings, K. S., Garner, J. T., Harris, J. L., ... & Watters, G. T. (2017). A revised list of the freshwater mussels (Mollusca: Bivalvia: Unionida) of the United States and Canada. *Freshwater Mollusk Biology and Conservation*, 20(2), 33-58.



# Appendix B

# Photographic Record

Appendix B. Index of photo locations, Hayward Mussel Survey, June 2022.

Coordinates					
UTM Zo	ne 15N	NAD	1983		
noto No. Northing		Latitude	Longitude	View direction	
5096967	619719	46.01581	-91.45344	South	
5097182	619775	46.01774	-91.45266	Northeast	
5097237	619857	46.01822	-91.45159	Southwest	
5097329	619817	46.01905	-91.45209	Northwest	
5095351	616891	46.00176	-91.49036	Southwest	
5095745	617246	46.00525	-91.48567	North	
5095745	617246	46.00525	-91.48567	South	
5095837	617266	46.00607	-91.48540	Northeast	
5095837	617266	46.00607	-91.48540	West	
5095349	616856	46.00175	-91.49081	N/A	
5095349	616856	46.00175	-91.49081	N/A	
5095349	616856	46.00175	-91.49081	N/A	
5095349	616856	46.00175	-91.49081	N/A	
5095349	616856	46.00175	-91.49081	N/A	
5095745	617246	46.00525	-91.48567	N/A	
5095349	616856	46.00175	-91.49081	N/A	
5095349	616856	46.00175	-91.49081	N/A	
5095645	617232	46.00435	-91.48588	N/A	
5095387	616948	46.00207	-91.48962	N/A	
5097187	619767	46.01778	-91.45277	N/A	
	Northing 5096967 5097182 5097237 5097329 5095351 5095745 5095745 5095745 5095837 5095349 5095349 5095349 5095349 5095349 5095349 5095349 5095349 5095349 5095349 5095349	UTM Zone 15N           Northing         Easting           5096967         619719           5097182         619775           5097237         619857           5097329         619817           5095351         616891           5095745         617246           5095837         617266           5095349         616856	UTM Zone 15NNADNorthingEastingLatitude509696761971946.01581509718261977546.01774509723761985746.01822509732961981746.01905509535161689146.00176509574561724646.00525509583761726646.00607509534961685646.00175509534761694846.00207	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	





Photo 1. Reach 1, view looking downstream toward Transect 2.



Photo 2. Reach 1, view looking upstream from Transect 6.





Photo 3. Reach 1, view looking downstream from Transect 7.



Photo 4. Reach 1, view looking upstream from Transect 8.





Photo 5. Reach 2, view looking downstream toward Transect 2.



Photo 6. Reach 2, view looking upstream at old wood piles above Transect 9.





Photo 7. Reach 2, view looking downstream from Transect 9.



Photo 8. Reach 2, view looking upstream from Transect 10.





Photo 9. Reach 2, view looking toward the right descending bank at Transect 10.



Photo 10. Representative photo of Mucket (Actinonaias ligamentina) collected in the study area.





Photo 11. Representative photo of Elktoe (Alasmidonta marginata) collected in the study area.



Photo 12. Representative photo of Spike (*Eurynia dilatata*) collected in the study area.



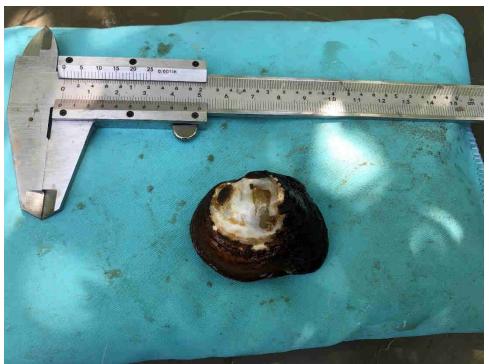


Photo 13. Representative photo of Wabash Pigtoe (Fusconaia flava) collected in the study area.



Photo 14. Representative photo of Plain Pocketbook (*Lampsilis cardium*) collected in the study area.





Photo 15. Representative photo of Fatmucket (Lampsilis siliquoidea) collected in the study area.



Photo 16. Representative photo of Fluted Shell (Lasmigona costata) collected in the study area.



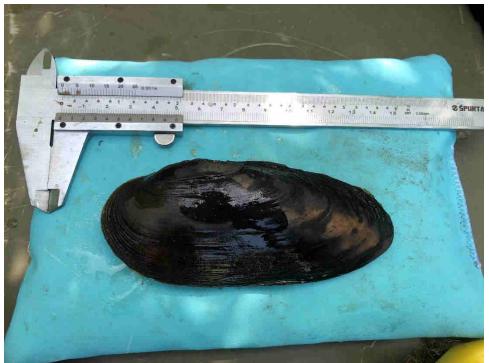


Photo 17. Representative photo of Black Sandshell (Ligumia recta) collected in the study area.



Photo 18. Representative photo of Giant Floater (*Pyganodon grandis*) collected in the study area.





Photo 19. Representative photo of Creeper (Strophitus undulatus) collected in the study area.



Photo 20. Representative photo of invasive Chinese Mystery Snail (*Cipangopaludina chinensis*) collected in Reach 1.



APPENDIX E-16 WDNR Hayward Project Macroinvertebrate Sampling Data

### Show specific parameter: Show All>

**Sample Results** 

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Previous 1-25 of 92 Next

			Previous 1-25 of 92 Nex
Project	Date/Time	DNR Parameter	Species Result Units Present/Absent Comments
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PLECOPTERA CAPNIIDAE PARACAPNIA ANGULATA	3
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PLECOPTERA TAENIOPTERYGIDAE TAENIOPTERYX	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA EPHEMERELLIDAE EPHEMERELLA	18
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA EPHEMERELLIDAE EPHEMERELLA INVARIA	54
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA EPHEMERELLIDAE EPHEMERELLA SUBVARIA	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA EPHEMERELLIDAE EURYLOPHELLA BICOLOR	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA HEPTAGENIIDAE EPEORUS VITREUS	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA HEPTAGENIIDAE MACCAFFERTIUM	9
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA HEPTAGENIIDAE MACCAFFERTIUM MEDIOPUNCTATUM	8
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA HEPTAGENIIDAE MACCAFFERTIUM MODESTUM	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA HEPTAGENIIDAE LEUCROCUTA	6
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPHEMEROPTERA ISONYCHIIDAE ISONYCHIA	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	ODONATA GOMPHIDAE OPHIOGOMPHUS	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICHOPTERA BRACHYCENTRIDAE MICRASEMA RUSTICUM	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICHOPTERA HYDROPSYCHIDAE CHEUMATOPSYCHE	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICHOPTERA HYDROPSYCHIDAE CERATOPSYCHE ALTERNANS	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICHOPTERA HYDROPSYCHIDAE CERATOPSYCHE BRONTA	6
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICHOPTERA HYDROPSYCHIDAE CERATOPSYCHE VEXA	3
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICHOPTERA PSYCHOMYIIDAE PSYCHOMYIA FLAVIDA	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICHOPTERA UENOIDAE NEOPHYLAX	1

NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	COLEOPTERA ELMIDAE OPTIOSERVUS	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	COLEOPTERA ELMIDAE OPTIOSERVUS TRIVITTATUS	42
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA TIPULIDAE DICRANOTA	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA TIPULIDAE PSEUDOLIMNOPHILA	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA TANYPODINAE 0 CONCHAPELOPIA	1

Show specific parameter: Show All>

**Sample Results** 

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Previous 26-50 of 92 Next

Project	Date/Time	DNR Parameter	Species Result Units Present/Absent Lab Comments
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA DIAMESINAE 2 PAGASTIA	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA ORTHOCLADIINAE 1 ORTHOCLADIUS (ORTHOCLADIUS)	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA CHIRONOMINAE 4 CLADOTANYTARSUS	4
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA CHIRONOMINAE 4 CRYPTOCHIRONOMUS	2
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA CHIRONOMINAE 4 MICROTENDIPES PEDELLUS GROUP PINDER, REISS 1983	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA CHIRONOMINAE 4 NILOTHAUMA	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	TRICLADIDA	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	BASOMMATOPHORA ANCYLIDAE FERRISSIA	4
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	VENEROIDA PISIDIIDAE SPHAERIUM	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA ORTHOCLADIINAE 1 ORTHOCLADIUS (EUORTHOCLADIUS) RIVULORUM	4
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	DIPTERA ORTHOCLADIINAE 1 CRICOTOPUS/ORTHOCLADIUS FERRINGTON ET AL. 2008	1
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Macroinvertebrate Index of Biological Integrity (IBI), Wadable	6.71113
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	HILSENHOFF'S BIOTIC INDEX (HBI)	2.201
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	FAMILY-LEVEL BIOTIC INDEX (FBI)	2,882
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	HBI Max 10	2.916
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	SPECIES RICHNESS	33
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	GENERA RICHNESS	29
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PERCENT EPT INDIVIDUALS	64
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PERCENT EPT GENERA	45
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PERCENT CHIRONOMIDAE INDIVIDUALS	9

NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	SHANNON'S DIVERSITY INDEX	3.29
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PERCENT SCRAPERS	39
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PERCENT FILTERER	8
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PERCENT SHREDDERS	3
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	PERCENT GATHERERS	47

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**Sample Results** 

Previous 51-75 of 92 Next

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Project	Date/Time	DNR Parameter	Species	s Result	Units	Present/Absent	Lab Comments
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Macroinvertebrate Family Rank 1		EPHEMERELLIDAE			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Macroinvertebrate Family Rank 2		ELMIDAE			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Macroinvertebrate Family Rank 3		HEPTAGENIIDAE			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Macroinvertebrate Family Rank 4		CHIRONOMIDAE			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Macroinvertebrate Family Rank 5		HYDROPSYCHIDAE			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Macroinvertebrate Genus Rank 1		EPHEMERELLA			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Macroinvertebrate Genus Rank 2		OPTIOSERVUS			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Macroinvertebrate Genus Rank 3		MACCAFFERTIUM			
NOR Watershed Rotation Sites (Non_LTT) NOR Watershed Rotation	12:00 AM	Macroinvertebrate Genus Rank 4 Macroinvertebrate Genus		CERATOPSYCHE			
Sites (Non_LTT) NOR Watershed Rotation	12:00 AM	Rank 5 Mean Pollution Tolerance		LEUCROCUTA			
Sites (Non_LTT)	12:00 AM	Value		3			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	DEPO Percent Individuals (DEP_PC_CNT)		75.401			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	DEPO Genera (DEPO_G)		15			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	DEPO, percent genera (DEP_PC_GEN)		50			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	EPT Genera (EPT_GENERA)		13			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	EPT Individuals (EPT_COUNT)		123			
NOR Watershed Rotation Sites (Non_LTT) NOR Watershed Rotation	12:00 AM	EPT Percent Individuals (EPT_PC_CNT) Amph Percent Individuals		65.775			
Sites (Non_LTT) NOR Watershed Rotation	12:00 AM	(AMP_PC_CNT) EPT Percent Genera		0			
Sites (Non_LTT) NOR Watershed Rotation	12:00 AM	(EPT_PC_GEN) Isop Percent Individuals		50			
Sites (Non_LTT) NOR Watershed Rotation	12:00 AM	(ISO_PC_CNT)		0			
Sites (Non_LTT)	12:00 AM	Isop Genera (ISOP_G)		0			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Isop Percent Genera (ISO_PC_GEN)		0			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Dipt Percent Genera (DIP_PC_GEN)		42.308			
NOR Watershed Rotation Sites (Non_LTT)	12:00 AM	Dipt Percent Individuals (DIP_PC_CNT)		10.16			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Chir Percent Individuals (CHI_PC_CNT)		9.091			

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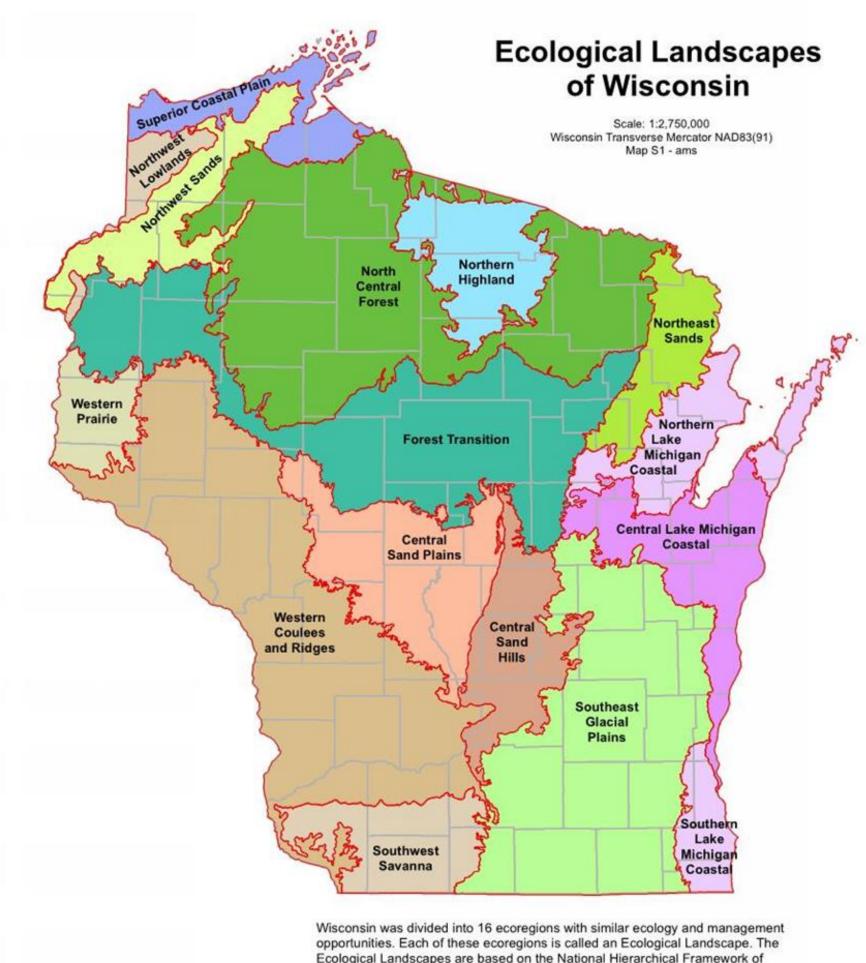
**Sample Results** 

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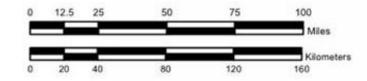
Previous 76-92 of 92 Next

						Flevious 70	-92 UI 92 INEX
Project	Date/Time	DNR Parameter	Species	Result	Units	Present/Absent	Lab Comments
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Chir Percent Genera (CHI_PC_GEN)		34.615			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Gatherers Percent Individuals (GAT_PC_CNT)		48.387			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Gatherers Percent Genera (GAT_PC_GEN)		36			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Scrapers Percent Individuals (SCR_PC_CNT)		37.634			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Shredders Percent Individuals (SHR_PC_CNT)		3.226			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Insect Taxa (INSECT_T)		30			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Insect Percent Individuals (INSECT_PI)		96.891			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	EPT Taxa (EPT_T)		17			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Dominance 3 Percent Individuals (DOM3_PI)		59.067			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Intolerant EPT 2 Percent Individuals (INTOL_EPT2_PI)		38.86			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Tolerant Chir Percent Individuals (TOL_CHIR8_PI)		1.036			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Functional Trait Niches (ECOFTN)		15			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Amph Isop Percent Individuals (A_I_PC_CNT)		0			
NOR Watershed Rotation Sites (Non_LTT)	10/25/2008 12:00 AM	Species Richness (Wadable IBI Intermediate)		33			
2018 CWA Impairment Assessments	10/25/2008 12:00 AM	Wadeable Stream 10 Year Mean mIBI Assessment Value		6.71113			
2018 CWA Impairment Assessments	07/15/2008 12:00 AM	Wadeable Stream 10 Year Mean fIBI Assessment Value		100			
2018 CWA Impairment Assessments	07/15/2008 12:00 AM	Assessment River Station Natural Community		COOL-WARM MAINSTEM			

APPENDIX E-17 Ecological Landscapes of Wisconsin



opportunities. Each of these ecoregions is called an Ecological Landscape. The Ecological Landscapes are based on the National Hierarchical Framework of Ecological Units (NHFEU; Cleland et al. 1997). There were too many NHFEU Subsections and too few NHFEU Sections to be useful for management purposes. Ecological Landscapes use the same boundaries as NHFEU Sections or Subsections. However, some NHFEU Subsections were combined to reduce the number of geographical units in the state to a manageable number. Therefore, Ecological Landscapes are at a size (scale) between NHFEU Sections and Subsections.



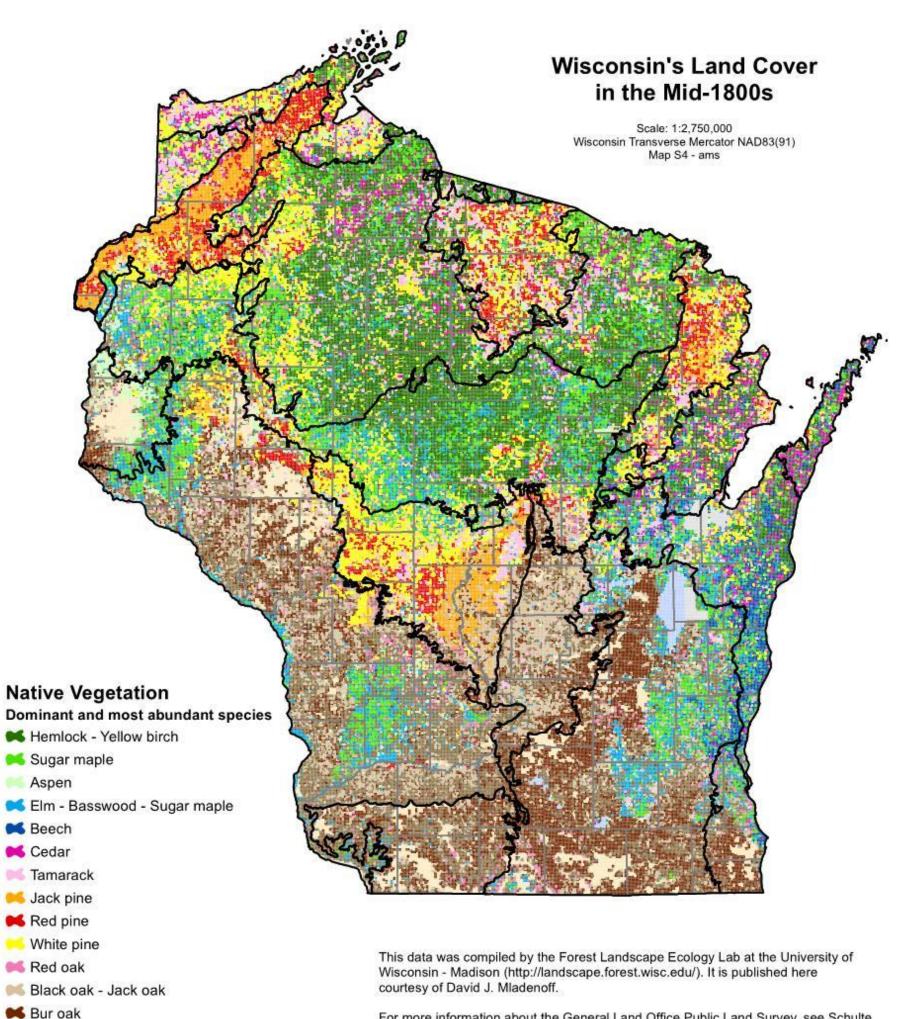


County Boundaries

C Ecological Landscapes

Ecological Landscapes of Wisconsin Handbook - 1805.1 ©WDNR, 2011

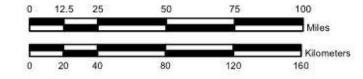
APPENDIX E-18 Land Cover in the Mid-1800's



For more information about the General Land Office Public Land Survey, see Schulte L.A. and Mladenoff D.J. 2001. The original Public Land Survey records: their use and limitations in reconstructing presettlement vegetation. J. Forestry 99(10) 5-10.

Bui bak

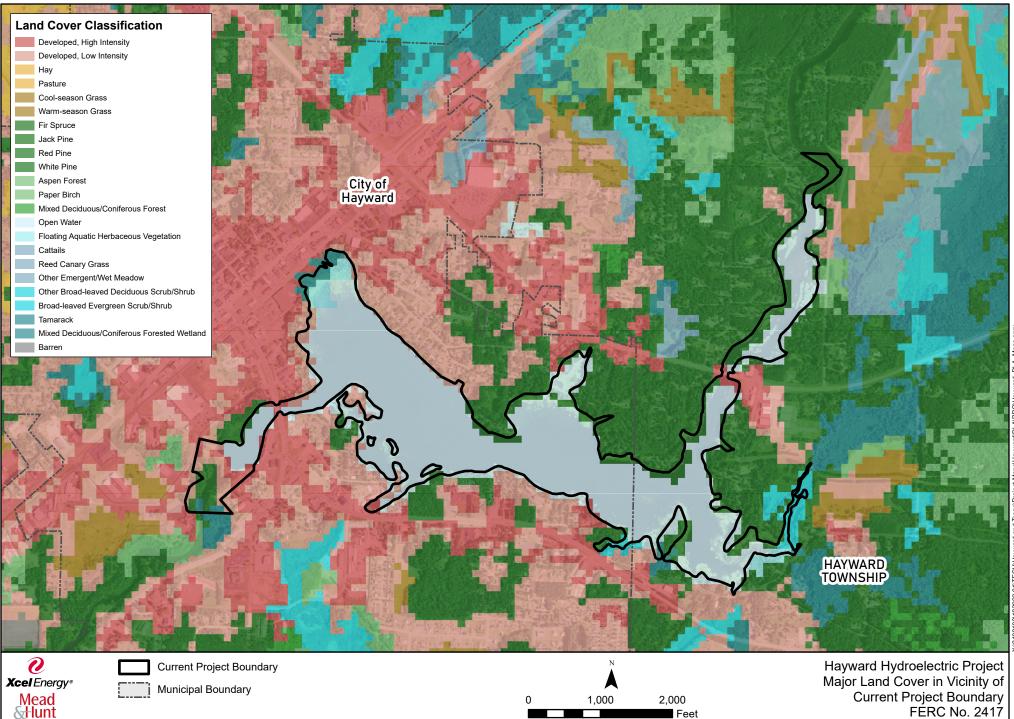
觽 White oak
🚧 Prairie
🛤 Water
No data
🔀 Ecological Landscape
County Boundaries



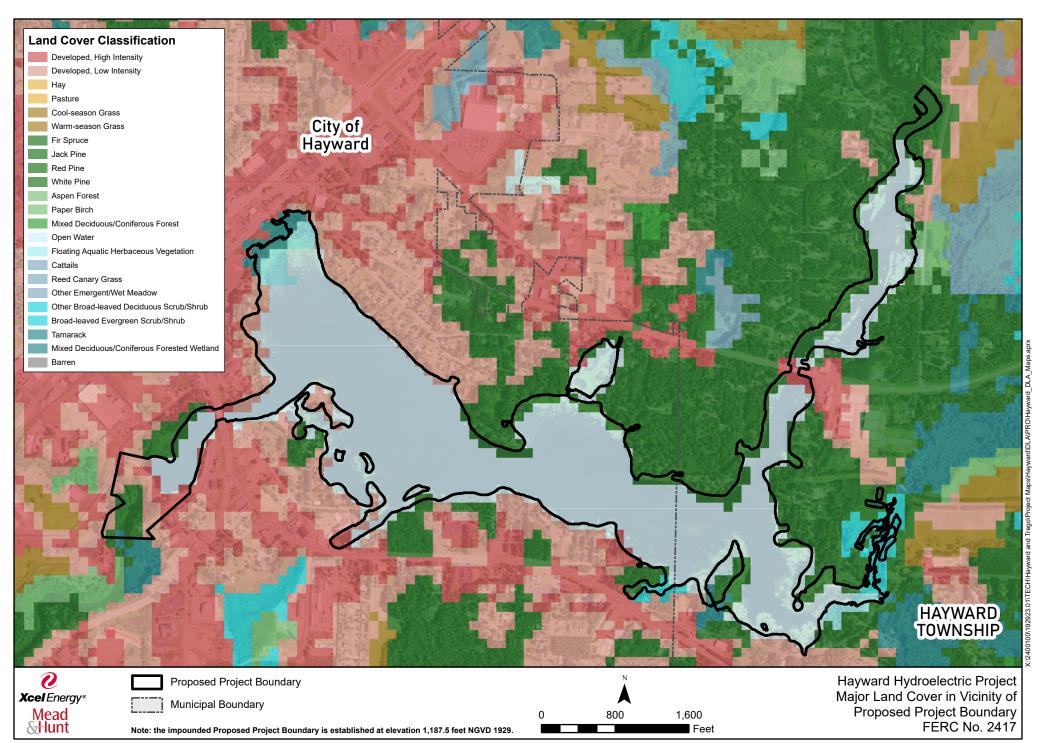


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APPENDIX E-19 Hayward Project WISCLAND 2 Cover Type Maps



#### Source Layer: Wisconsin Department of Natural Recourses WISCLAND 2019 update, WI 2022 NAIP (natural color, 0.6-meter resolution)



APPENDIX E-20 Hayward City Beach eBird Checklist

# eBird Field Checklist

# Hayward Beach

Sawyer, Wisconsin, US ebird.org/hotspot/L7467018 82 species (+4 other taxa) - Yearround, All years

Date:	
Start time:	
Duration:	
Distance:	
Party size:	
Notes:	

This checklist is generated with data from eBird (ebird.org), a global database of bird sightings from birders like you. If you enjoy this checklist, please consider contributing your sightings to eBird. It is 100% free to take part, and your observations will help support birders, researchers, and conservationists worldwide.

Go to ebird.org to learn more!

### Waterfowl

Canada Goose
Trumpeter Swan
Wood Duck
Mallard
Ring-necked Duck
Greater/Lesser Scaup
Bufflehead
<u> </u>
Hooded Merganser
Common Merganser
Grouse, Quail, and Allies
Wild Turkey
Grebes
Pied-billed Grebe
Pigeons and Doves
Mourning Dove
Nightjars
Common Nighthawk
Swifts
Chimney Swift
Shorebirds
Killdeer
Gulls, Terns, and Skimmers
Ring-billed Gull
Herring Gull
Black Tern
Loons
Common Loon

### Herons, Ibis, and Allies Great Blue Heron Green Heron Vultures, Hawks, and Allies Turkey Vulture Osprey Sharp-shinned Hawk Bald Eagle Broad-winged Hawk Kingfishers **Belted Kingfisher** Woodpeckers Yellow-bellied Sapsucker Downy Woodpecker Hairy Woodpecker Pileated Woodpecker Northern Flicker **Falcons and Caracaras** American Kestrel **Tyrant Flycatchers: Pewees,** Kingbirds, and Allies Alder Flycatcher Least Flycatcher Eastern Phoebe Eastern Kingbird Vireos Yellow-throated Vireo

- \_\_\_Warbling Vireo \_\_Red-eyed Vireo
- Jays, Magpies, Crows, and Ravens

\_\_\_Blue Jay

American Crow

\_crow/raven sp.

### Tits, Chickadees, and Titmice

\_\_\_\_Black-capped Chickadee

#### **Martins and Swallows**

- Tree Swallow
- Bank Swallow
- \_\_\_swallow sp.

### Kinglets

\_\_\_\_Ruby-crowned Kinglet Golden-crowned Kinglet

#### **Nuthatches**

#### Wrens

House Wren

### **Starlings and Mynas**

European Starling

#### Catbirds, Mockingbirds, and Thrashers

Gray Catbird

Brown Thrasher

### Thrushes

Eastern Bluebird American Robin

#### Waxwings

\_Cedar Waxwing

#### **Old World Sparrows**

House Sparrow

#### Finches, Euphonias, and Allies

\_\_\_Evening Grosbeak

### **Purple Finch** House/Purple Finch Common Redpoll Pine Siskin American Goldfinch **New World Sparrows Chipping Sparrow** Clay-colored Sparrow American Tree Sparrow \_Fox Sparrow Dark-eyed Junco Song Sparrow Blackbirds **Baltimore Oriole** Red-winged Blackbird Common Grackle

### Wood-Warblers

- Tennessee Warbler
- Nashville Warbler
- Common Yellowthroat
- \_\_American Redstart
- \_\_\_Yellow Warbler
- Palm Warbler
  Pine Warbler
- Yellow-rumped Warbler
- \_\_\_Wilson's Warbler

#### Cardinals, Grosbeaks, and Allies

- <u>Scarlet</u> Tanager
- Northern Cardinal

This field checklist was generated using eBird (ebird.org)

APPENDIX E-21 Hayward Project IPaC Official Species List



# United States Department of the Interior

FISH AND WILDLIFE SERVICE Minnesota-Wisconsin Ecological Services Field Office 3815 American Blvd East Bloomington, MN 55425-1659 Phone: (952) 858-0793 Fax: (952) 646-2873



In Reply Refer To: Project Code: 2023-0058040 Project Name: Hayward Hydroelectric Project FERC Relicensing October 30, 2023

# Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

This response has been generated by the Information, Planning, and Conservation (IPaC) system to provide information on natural resources that could be affected by your project. The U.S. Fish and Wildlife Service (Service) provides this response under the authority of the Endangered Species Act of 1973 (16 U.S.C. 1531-1543), the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d), the Migratory Bird Treaty Act (16 U.S.C. 703-712), and the Fish and Wildlife Coordination Act (16 U.S.C. 661 *et seq.*).

## **Threatened and Endangered Species**

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and may be affected by your proposed project. The species list fulfills the requirement for obtaining a Technical Assistance Letter from the U.S. Fish and Wildlife Service under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq*.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

### **Consultation Technical Assistance**

Please refer to refer to our <u>Section 7 website</u> for guidance and technical assistance, including <u>step-by-step</u> <u>instructions</u> for making effects determinations for each species that might be present and for specific guidance on the following types of projects: projects in developed areas, HUD, CDBG, EDA, USDA Rural Development projects, pipelines, buried utilities, telecommunications, and requests for a Conditional Letter of Map Revision (CLOMR) from FEMA. We recommend running the project (if it qualifies) through our **Minnesota-Wisconsin Federal Endangered Species Determination Key (Minnesota-Wisconsin ("D-key"))**. A <u>demonstration video</u> showing how-to access and use the determination key is available. Please note that the Minnesota-Wisconsin D-key is the third option of 3 available d-keys. D-keys are tools to help Federal agencies and other project proponents determine if their proposed action has the potential to adversely affect federally listed species and designated critical habitat. The Minnesota-Wisconsin D-key includes a structured set of questions that assists a project proponent in determining whether a proposed project qualifies for a certain predetermined consultation outcome for all federally listed species found in Minnesota and Wisconsin (except for the northern long-eared bat- see below), which includes determinations of "no effect" or "may affect, not likely to adversely affect." In each case, the Service has compiled and analyzed the best available information on the species' biology and the impacts of certain activities to support these determinations.

If your completed d-key output letter shows a "No Effect" (NE) determination for all listed species, print your IPaC output letter for your files to document your compliance with the Endangered Species Act.

For Federal projects with a "Not Likely to Adversely Affect" (NLAA) determination, our concurrence becomes valid if you do not hear otherwise from us after a 30-day review period, as indicated in your letter.

If your d-key output letter indicates additional coordination with the Minnesota-Wisconsin Ecological Services Field Office is necessary (i.e., you get a "May Affect" determination), you will be provided additional guidance on contacting the Service to continue ESA coordination outside of the key; ESA compliance cannot be concluded using the key for "May Affect" determinations unless otherwise indicated in your output letter.

Note: Once you obtain your official species list, you are not required to continue in IPaC with d-keys, although in most cases these tools should expedite your review. If you choose to make an effects determination on your own, you may do so. If the project is a Federal Action, you may want to review our section 7 step-by-step instructions before making your determinations.

# Using the IPaC Official Species List to Make No Effect and May Affect Determinations for Listed Species

- If IPaC returns a result of "There are no listed species found within the vicinity of the project," then
  project proponents can conclude the proposed activities will have **no effect** on any federally listed
  species under Service jurisdiction. Concurrence from the Service is not required for **no**effect determinations. No further consultation or coordination is required. Attach this letter to the dated
  IPaC species list report for your records.
- 2. If IPaC returns one or more federally listed, proposed, or candidate species as potentially present in the action area of the proposed project other than bats (see below) then project proponents must determine if proposed activities will have **no effect** on or **may affect** those species. For assistance in determining if suitable habitat for listed, candidate, or proposed species occurs within your project area or if species may be affected by project activities, you can obtain Life History Information for Listed and Candidate Species on our office website. If no impacts will occur to a species on the IPaC species list (e.g., there is no habitat present in the project area), the appropriate determination is **no effect**. No further consultation or coordination is required. Attach this letter to the dated IPaC species list report for your records.

**3.** Should you determine that project activities **may affect** any federally listed, please contact our office for further coordination. Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. <u>Electronic submission is preferred</u>.

### **Northern Long-Eared Bats**

Northern long-eared bats occur throughout Minnesota and Wisconsin and the information below may help in determining if your project may affect these species.

This species hibernates in caves or mines only during the winter. In Minnesota and Wisconsin, the hibernation season is considered to be November 1 to March 31. During the active season (April 1 to October 31) they roost in forest and woodland habitats. Suitable summer habitat for northern long-eared bats consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags ≥3 inches dbh for northern long-eared bat that have exfoliating bark, cracks, crevices, and/or hollows), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet (305 meters) of forested/wooded habitat. Northern long-eared bats have also been observed roosting in humanmade structures, such as buildings, barns, bridges, and bat houses; therefore, these structures should also be considered potential summer habitat and evaluated for use by bats. If your project will impact caves or mines or will involve clearing forest or woodland habitat containing suitable roosting habitat, northern long-eared bats could be affected.

Examples of <u>unsuitable</u> habitat include:

- Individual trees that are greater than 1,000 feet from forested or wooded areas,
- Trees found in highly developed urban areas (e.g., street trees, downtown areas),
- A pure stand of less than 3-inch dbh trees that are not mixed with larger trees, and
- A monoculture stand of shrubby vegetation with no potential roost trees.

If IPaC returns a result that northern long-eared bats are potentially present in the action area of the proposed project, project proponents can conclude the proposed activities **may affect** this species **IF** one or more of the following activities are proposed:

- Clearing or disturbing suitable roosting habitat, as defined above, at any time of year,
- Any activity in or near the entrance to a cave or mine,
- Mining, deep excavation, or underground work within 0.25 miles of a cave or mine,
- Construction of one or more wind turbines, or
- Demolition or reconstruction of human-made structures that are known to be used by bats based on observations of roosting bats, bats emerging at dusk, or guano deposits or stains.

*If none of the above activities are proposed*, project proponents can conclude the proposed activities will have **no effect** on the northern long-eared bat. Concurrence from the Service is not required for **No** 

**Effect** determinations. No further consultation or coordination is required. Attach this letter to the dated IPaC species list report for your records.

*If any of the above activities are proposed*, and the northern long-eared bat appears on the user's species list, the federal project user will be directed to either the range-wide northern long-eared bat D-key or the Federal Highways Administration, Federal Railways Administration, and Federal Transit Administration Indiana bat/ Northern long-eared bat D-key, depending on the type of project and federal agency involvement. Similar to the Minnesota-Wisconsin D-key, these d-keys helps to determine if prohibited take might occur and, if not, will generate an automated verification letter.

*Please note:* On November 30, 2022, the Service published a proposal final rule to reclassify the northern long-eared bat as endangered under the Endangered Species Act. On January 26, 2023, the Service published a 60-day extension for the final reclassification rule in the Federal Register, moving the effective listing date from January 30, 2023, to March 31, 2023. This extension will provide stakeholders and the public time to preview interim guidance and consultation tools before the rule becomes effective. When available, the tools will be available on the Service's northern long-eared bat website (https://www.fws.gov/species/northern-longeared-bat-myotis-septentrionalis). Once the final rule goes into effect on March 31, 2023, the 4(d) D-key will no longer be available (4(d) rules are not available for federally endangered species) and will be replaced with a new Range-wide NLEB D-key (range-wide d-key). For projects not completed by March 31, 2023, that were previously reviewed under the 4(d) d-key, there may be a need for reinitiation of consultation. For these ongoing projects previously reviewed under the 4(d) d-key that may result in incidental take of the northern long-eared bat, we recommend you review your project using the new range-wide d-key once available. If your project does not comply with the range-wide d-key, it may be eligible for use of the Interim (formal) Consultation framework (framework). The framework is intended to facilitate the transition from the 4(d) rule to typical Section 7 consultation procedures for federally endangered species and will be available only until spring 2024. Again, when available, these tools (new range-wide d-key and framework) will be available on the Service's northern long-eared bat website.

### Whooping Crane

Whooping crane is designated as a non-essential experimental population in Wisconsin and consultation under Section 7(a)(2) of the Endangered Species Act is only required if project activities will occur within a National Wildlife Refuge or National Park. If project activities are proposed on lands outside of a National Wildlife Refuge or National Park, then you are not required to consult. For additional information on this designation and consultation requirements, please review "Establishment of a Nonessential Experimental Population of Whooping Cranes in the Eastern United States."

### **Other Trust Resources and Activities**

*Bald and Golden Eagles* - Although the bald eagle has been removed from the endangered species list, this species and the golden eagle are protected by the Bald and Golden Eagle Act and the Migratory Bird Treaty Act. Should bald or golden eagles occur within or near the project area please contact our office for further coordination. For communication and wind energy projects, please refer to additional guidelines below.

*Migratory Birds* - The Migratory Bird Treaty Act (MBTA) prohibits the taking, killing, possession, transportation, and importation of migratory birds, their eggs, parts, and nests, except when specifically authorized by the Service. The Service has the responsibility under the MBTA to proactively prevent the

mortality of migratory birds whenever possible and we encourage implementation of <u>recommendations that</u> <u>minimize potential impacts to migratory birds</u>. Such measures include clearing forested habitat outside the nesting season (generally March 1 to August 31) or conducting nest surveys prior to clearing to avoid injury to eggs or nestlings.

*Communication Towers* - Construction of new communications towers (including radio, television, cellular, and microwave) creates a potentially significant impact on migratory birds, especially some 350 species of night-migrating birds. However, the Service has developed <u>voluntary guidelines for minimizing impacts</u>.

*Transmission Lines* - Migratory birds, especially large species with long wingspans, heavy bodies, and poor maneuverability can also collide with power lines. In addition, mortality can occur when birds, particularly hawks, eagles, kites, falcons, and owls, attempt to perch on uninsulated or unguarded power poles. To minimize these risks, please refer to <u>guidelines</u> developed by the Avian Power Line Interaction Committee and the Service. Implementation of these measures is especially important along sections of lines adjacent to wetlands or other areas that support large numbers of raptors and migratory birds.

*Wind Energy* - To minimize impacts to migratory birds and bats, wind energy projects should follow the Service's <u>Wind Energy Guidelines</u>. In addition, please refer to the Service's <u>Eagle Conservation Plan Guidance</u>, which provides guidance for conserving bald and golden eagles in the course of siting, constructing, and operating wind energy facilities.

### **State Department of Natural Resources Coordination**

While it is not required for your Federal section 7 consultation, please note that additional state endangered or threatened species may also have the potential to be impacted. Please contact the Minnesota or Wisconsin Department of Natural Resources for information on state listed species that may be present in your proposed project area.

### Minnesota

<u>Minnesota Department of Natural Resources - Endangered Resources Review Homepage</u> Email: <u>Review.NHIS@state.mn.us</u>

### Wisconsin

<u>Wisconsin Department of Natural Resources - Endangered Resources Review Homepage</u> Email: <u>DNRERReview@wi.gov</u>

We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

# **OFFICIAL SPECIES LIST**

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

### Minnesota-Wisconsin Ecological Services Field Office

3815 American Blvd East Bloomington, MN 55425-1659 (952) 858-0793

# **PROJECT SUMMARY**

Project Code:	2023-0058040
Project Name:	Hayward Hydroelectric Project FERC Relicensing
Project Type:	Dam - Operations
Project Description:	Relicensing of the existing Hayward Hydroelectric Project in order to
	continue operating the project in a run-of-river mode for power
	generation. License application is due in 2023.

Project Location:

The approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/maps/@46.013981,-91.47752591375246,14z</u>



Counties: Sawyer County, Wisconsin

# **ENDANGERED SPECIES ACT SPECIES**

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## MAMMALS

NAME	STATUS
Canada Lynx <i>Lynx canadensis</i> Population: Wherever Found in Contiguous U.S. There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat.	Threatened
Species profile: <u>https://ecos.fws.gov/ecp/species/3652</u>	
Gray Wolf <i>Canis lupus</i> Population: U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, IA, IN, IL, KS, KY, LA, MA, MD, ME, MI, MO, MS, NC, ND, NE, NH, NJ, NV, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, and WV; and portions of AZ, NM, OR, UT, and WA. Mexico. There is <b>final</b> critical habitat for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/4488</u>	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/9045</u>	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/10515</u>	Proposed Endangered

BIRDS NAME	STATUS
Whooping Crane <i>Grus americana</i> Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: <u>https://ecos.fws.gov/ecp/species/758</u>	Experimental Population, Non- Essential
INSECTS NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i>	Candidate

Monarch Butterfly Danaus plexippus No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743

# **CRITICAL HABITATS**

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

# **USFWS NATIONAL WILDLIFE REFUGE LANDS** AND FISH HATCHERIES

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

# **BALD & GOLDEN EAGLES**

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act<sup>1</sup> and the Migratory Bird Treaty Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats<sup>3</sup>, should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

- 1. The Bald and Golden Eagle Protection Act of 1940.
- 2. The Migratory Birds Treaty Act of 1918.
- 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

There are bald and/or golden eagles in your project area.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle Haliaeetus leucocephalus This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. <u>https://ecos.fws.gov/ecp/species/1626</u>	Breeds Dec 1 to Aug 31
Golden Eagle Aquila chrysaetos This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31

# **PROBABILITY OF PRESENCE SUMMARY**

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read the supplemental information and specifically the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

## **Probability of Presence** (**■**)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

### Breeding Season (=)

Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

### Survey Effort ()

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

### No Data (-)

A week is marked as having no data if there were no survey events for that week.

probability of presence breeding season survey effort — no data

SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

 Bald Eagle

 Non-BCC

 Vulnerable

 Golden Eagle

 Non-BCC

 Vulnerable

Additional information can be found using the following links:

- Eagle Managment <u>https://www.fws.gov/program/eagle-management</u>
- Measures for avoiding and minimizing impacts to birds <u>https://www.fws.gov/library/</u> <u>collections/avoiding-and-minimizing-incidental-take-migratory-birds</u>
- Nationwide conservation measures for birds <u>https://www.fws.gov/sites/default/files/</u> <u>documents/nationwide-standard-conservation-measures.pdf</u>
- Supplemental Information for Migratory Birds and Eagles in IPaC <u>https://www.fws.gov/</u> media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occurproject-action

# **MIGRATORY BIRDS**

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats<sup>3</sup> should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.
- 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle Haliaeetus leucocephalus	Breeds Dec 1 to
This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention	Aug 31
because of the Eagle Act or for potential susceptibilities in offshore areas from certain types	0
of development or activities.	
https://ecos.fws.gov/ecp/species/1626	

NAME	BREEDING SEASON
Black Tern <i>Chlidonias niger</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/3093</u>	Breeds May 15 to Aug 20
Black-billed Cuckoo Coccyzus erythropthalmus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Bobolink Dolichonyx oryzivorus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/9454</u>	Breeds May 20 to Jul 31
Canada Warbler <i>Cardellina canadensis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/9643</u>	Breeds May 20 to Aug 10
Chimney Swift Chaetura pelagica This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/9406</u>	Breeds Mar 15 to Aug 25
Evening Grosbeak Coccothraustes vespertinus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/9465</u>	Breeds May 15 to Aug 10
Golden Eagle Aquila chrysaetos This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. <u>https://ecos.fws.gov/ecp/species/1680</u>	Breeds Jan 1 to Aug 31
Golden-winged Warbler Vermivora chrysoptera This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/8745</u>	Breeds May 1 to Jul 20
Wood Thrush Hylocichla mustelina This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/9431</u>	Breeds May 10 to Aug 31

# **PROBABILITY OF PRESENCE SUMMARY**

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read the supplemental

12

information and specifically the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### **Probability of Presence** (**■**)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

### Breeding Season (=)

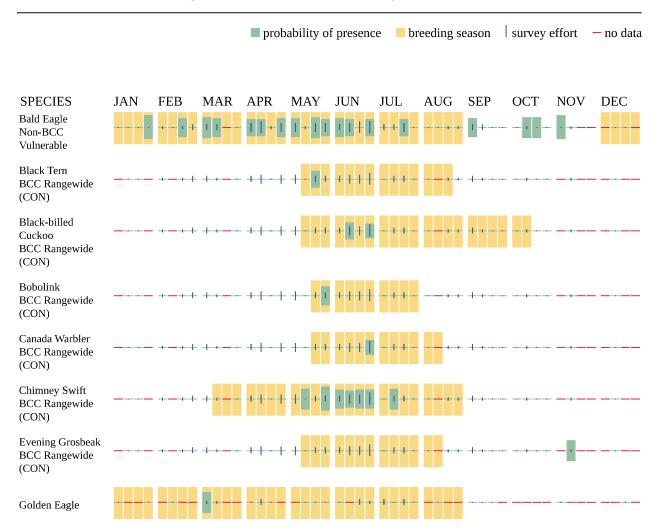
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

## Survey Effort ()

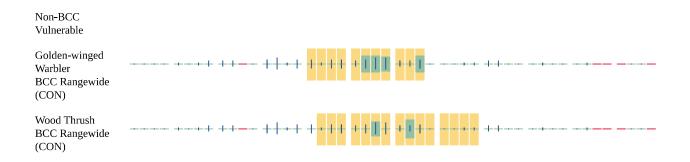
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

### No Data (-)

A week is marked as having no data if there were no survey events for that week.







Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds <u>https://www.fws.gov/library/</u> <u>collections/avoiding-and-minimizing-incidental-take-migratory-birds</u>
- Nationwide conservation measures for birds <u>https://www.fws.gov/sites/default/files/</u> <u>documents/nationwide-standard-conservation-measures.pdf</u>
- Supplemental Information for Migratory Birds and Eagles in IPaC <u>https://www.fws.gov/</u> media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occurproject-action

# WETLANDS

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of</u> <u>Engineers District</u>.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

RIVERINE

- R4SBC
- R2UBH
- R5UBH

LAKE

- L2ABH
- L1UBH

FRESHWATER FORESTED/SHRUB WETLAND

- PFO1/EM1Bg
- PSS1Bg
- PFO1/SS1Bg

- PFO1Bg
- PSS1/EM1Bg
- PFO1/4Bg
- PFO4/SS3Bg

### FRESHWATER POND

- PUBGx
- PABG
- PUBH

### FRESHWATER EMERGENT WETLAND

• PEM1C

# **IPAC USER CONTACT INFORMATION**

Agency:Mead & HuntName:Darrin JohnsonAddress:2440 Deming WayCity:MiddletonState:WIZip:53562Emaildarrin.johnson@meadhunt.comPhone:6084430313

# LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Energy

APPENDIX E-22 Hayward Project ER Review

This Appendix has been filed separately as a privileged document.

APPENDIX E-23 Wood and Blanding's Turtle Study Report



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# Lake Hayward and Trego Lake Wood and Blanding's Turtle Nesting Habitat Study Report

Northern States Power Company Hayward and Trego Hydroelectric Projects

> GAI Project Number: R220323.02 | FERC Nos. 2417 and 2711 January 2023



Prepared on behalf of: Mead & Hunt 1702 Lawrence Drive De Pere, Wisconsin 54115

Prepared by: GAI Consultants, Inc. 3313 S Packerland Drive, Suite E De Pere, Wisconsin 54115

# Lake Hayward and Trego Lake Wood and Blanding's Turtle Nesting Habitat Study Report

Northern States Power Company Hayward Hydroelectric Project (FERC Project No. 2417) Trego Hydroelectric Project (FERC Project No. 2711)

> GAI Project Number: R220323.02 FERC #s: 2417, 2711

> > January 2023

Prepared for: Mead & Hunt 1702 Lawrence Drive De Pere, WI 54115

Prepared by: GAI Consultants, Inc. 3313 S Packerland Drive, Suite E De Pere, Wisconsin 54115

**Report Authors:** 

aura

Digitally signed by Laura Sass DN: cn=Laura Sass, o=GAI Consultants, Inc., ou=Oil & Gas MW SW, email=I.sass@gaiconsultants.com, c=US Date: 2023.01.30 10:27:49 -06'00'

Laura Sass Senior Project Environmental Specialist

Mary Rohde

Digitally signed by Mary Rohde DN: cn=Mary Rohde, o, ou, email=m.rohde@gaiconsultants.com, c=US Date: 2023.01.30 13:32:29 -06'00'

Mary Rohde Senior Environmental Manager / Associate

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# 1.0 **Project Overview**

The Hayward and Trego Hydroelectric Projects (Project or Projects) are located in the Town of Hayward, Sawyer County, Wisconsin and the Town of Trego, Washburn County, Wisconsin, respectively (Figures 1 and 2). The Projects are owned, operated, and maintained by Northern States Power Company, a Wisconsin corporation (Licensee) and operate under the authority of the Federal Energy Regulatory Commission (FERC). The current FERC license for both Hayward and Trego expire on November 30, 2025. As part of the relicensing process, the Wisconsin Department of Natural Resources (WDNR) requested the Licensee complete a wood and Blanding's turtle nesting habitat study to identify areas with suitable nesting habitat within the existing and proposed Project boundaries. On behalf of Mead & Hunt, GAI is pleased to submit the results of a Wood and Blanding's Turtle Nesting Habitat Study (Study or Studies) conducted June 6-8, 2022, to fulfill this request. This Study report provides baseline data on available suitable nesting habitat in the following areas for both Projects:

- Reservoir shorelines upstream (surveyed by boat) and downstream (surveyed on foot) of the Hayward and Trego dams,
- Upland shoreline owned by the Licensee and open to the public (Figure 3; surveyed on foot), and
- Upland areas within 200 feet of the river's edge for wood turtles and at least 984 feet for Blanding's turtles (surveyed on foot where feasible, and via remote desktop where access was not appropriate (i.e., private lands not owned by Licensee).

# 2.0 Introduction

Lake Hayward is a 191-acre impoundment located in the middle of the Namekagon River Watershed which is primarily forest and wetland. It is considered an outstanding/exceptional resource water under NR102 under the WDNR Fisheries Program. The city of Hayward, and in effect the lake's namesake, came from the last name of its founder who realized the potential of this area of the Namekagon River as a mill pond for timber storage. Dams were first constructed in 1882 for this purpose, a year after the railroad was constructed in this area. The large wood posts from the old railway that transported the lumber are still present in the lake today, now fulfilling a purpose as fish habitat.

Trego Lake is a 383-acre impoundment, also located in the middle of the Namekagon River Watershed and is considered an outstanding/exceptional resource water under NR102. As with most communities in the area, the Town of Trego was created in part by the railroads and a need for logging in the 1800s. The area is now popular for recreational activities. Trego Lake is managed for power generation, fishing, and swimming but is currently considered impaired due to excess algal growth per the WDNR Surface Water Data Viewer. Since 1989, the Trego Lake District has been working to improve the lake and water quality.

Both lakes are located on the mainstem of the Namekagon River, placing them within the St. Croix National Scenic Riverway.

The wood turtle (*Glyptemys insculpta*) is a state threatened species known to be present within the boundaries of both Projects. Wood turtles prefer flowing rivers and streams with adjacent wetlands and upland deciduous forests. The turtle is unique in that it is more terrestrial than many other turtles of Wisconsin, preferring to forage in open wet meadows and shrub-carr habitats. They overwinter in river areas that are protected from freezing solid such as deep holes and undercut banks. After emerging in the spring, these turtles will forage up to 300 meters (984 feet) from their waterbody. Wood turtles will build nests from late May to early July within 61 meters (200 feet) from water's edge, in open gravel or sandy areas. The young hatch the same summer and do not overwinter in the nest as some Wisconsin turtle species (WDNR 2015).

The Blanding's turtle (*Emydoidea blandingii*) is a Wisconsin special concern species that is also known to be present near both Projects. Blanding's turtles are most commonly found in shallow, slow-moving waters that have plentiful vegetation. Marshes that are adjacent to rivers provide ideal habitat. During the active season, adults prefer shallow water, and for overwintering, they prefer deeper water, up to 3 feet. Blanding's turtles are only be found in uplands when moving between wetlands, nesting, or moving to overwintering sites. Adults will travel up to several miles during the active season when foraging. Nesting occurs from mid-late May through early July and hatchlings emerge from early August through mid-October. Hatchlings do not typically overwinter in nests. Blanding's turtles have the slowest maturation of any turtle in the state, reaching sexual maturity between 17-20 years of age (WDNR 2017).

While wood turtles and Blanding's turtles are known to be present within or near both Project boundaries, and known suitable habitat is present for both species in the vicinity of both Projects, survey data is limited. As part of the relicensing process, the WDNR requested a wood and Blanding's turtle study to further the knowledge of turtle distribution within the watershed. This Study identifies areas of suitable wood turtle nesting habitat within 200 feet of the shoreline of Lake Hayward and Trego Lake and within 984 feet of the shoreline for Blanding's turtles. Surveys for presence/absence of basking and nesting wood turtles along the shoreline were conducted concurrently with the mapping efforts. This report summarizes the results of the 2022 Wood Turtle and Blanding's Turtle Nesting Habitat Study.

# 3.0 Methodology

Prior to performing the field work, GAI mapped 200-foot and 984-foot buffers of the shorelines within the Projects' areas (Figures 4 and 5). Topography maps and parcel ownership were then reviewed for terrestrial access feasibility. A portion of the buffer of the Hayward Project is predominantly urban-residential, defined by the WDNR as ground cover that consists of impermeable surfaces, landscaped areas, and manicured lawns having consistent grass coverage with height less than 6 inches between mowing. This landcover type is not considered suitable habitat for nesting turtles, and therefore was not surveyed (Figure 6).

Shorelines within the existing and proposed boundaries of each Project were surveyed for the presence of wood and Blanding's turtle nesting habitat. The reservoirs' shorelines were surveyed by boat, moving slowly, parallel to the shore and using binoculars to provide a good view into the riparian and upland areas (Figures 6 and 7). The bypassed reach at Hayward and the Namekagon River downstream of the Trego dam were surveyed on foot, as were the areas accessible to the public (Figure 3). Roads within the nesting buffers were driven to identify suitable nesting habitat in upland areas such as road shoulders, roads, driveways, and on private property that could be seen from the road.

Suitable turtle nesting habitat was mapped using a Trimble R1 GNSS Receiver with a GPS device. Any additional areas (i.e., those areas which could not be viewed from a publicly accessible vantage point) were assessed via desktop using the information gained from the road and boat surveys to approximate the extent of suitable nesting habitat as completely as possible. Surveys took place at Trego on June 6 and 8, and at Hayward on June 6 and 7, 2022 when air temperatures were between 50 - 80 degrees Fahrenheit (° F). High temperatures ranged from 69° F to 77° F. Suitable nesting habitat included a sand or gravel substrate that was either unvegetated or sparsely vegetated, received sun exposure for most of the day during late spring or summer, and was within 984 feet of the river's edge.

In addition to mapping the nesting habitat, the presence and species of any basking turtles was recorded as was any observed evidence of turtle nesting activity within the survey area. Visual encounter surveys (VES) for presence/absence of basking and nesting wood and Blanding's turtles on shorelines and along roadways were conducted concurrently, approximating WDNR survey guidelines



(WDNR PUB-ER-684, WDNR PUB-ER-683). Shoreline VES were completed by motoring around the perimeter of each lake by boat.

Licensee-owned property open to the public within 984 feet of the water was meandered on foot (Figure 3). Within these areas, two surveyors walked abreast approximately 10-15 meters apart along the shoreline, adjusting the intervals to accommodate for topography and vegetation restrictions. Roads within the nesting buffers were driven to look for turtles on road shoulders, roads, driveways, and on private property that could be seen from the road. Because the wood and Blanding's turtles are known to be present within the vicinity of both Projects, and it was assumed that the species are also present within the Project boundaries, the surveys to identify nesting and basking wood and Blanding's turtles were conducted only once, concurrent with the nesting habitat surveys.

## 4.0 Results and Discussion

During the visual encounter surveys, no wood or Blanding's turtles were observed at either the Hayward or Trego Projects. Basking painted turtles were observed at Hayward and were restricted to the eastern half of the lake, which contains substantially more natural shoreline and basking areas. Many painted turtles (*Chrysemys picta*), softshell turtles (*Apalone* spp.) and snapping turtles (*Chelydra serpentina*) were observed in the Trego Project area. The Trego Project had a higher number of turtles observed than the Hayward Project. On one log alone, 17 painted turtles and 1 snapping turtle were observed. Turtles were present throughout the lake and basking logs along the shoreline of Trego Lake were plentiful. Fewer logs and turtles were observed upstream where the project is more riverine. Observed species consisted primarily of painted turtles; however snapping and softshell turtles were also seen in more than one location. Photographs of turtle nesting habitat around Hayward and Trego Lakes can be found in Attachment A.

## 4.1 Hayward Project

A total of 1,529,800 square feet (35.12 acres) of turtle nesting habitat was mapped within 984 feet of Lake Hayward and therefore suitable for Blanding's turtle nesting; 278,653 square feet (6.40 acres) of this nesting habitat was within 200 feet of the shore and therefore suitable for wood turtle nesting (Figure 6). The majority of nesting habitat mapped consisted of gravel roads, road shoulders, driveways, and parking lots. Lake Hayward has a heavily developed shoreline and minimal suitable nesting habitat is present. Shoreline residential areas were generally dominated by manicured lawns and devoid of basking logs in the water; only a few residential property shorelines had small sandy areas that could be suitable for turtle nesting.

Wood and Blanding's turtles have been previously documented in the river below the Hayward Dam. This area presents high quality habitat for both turtles, providing flowing water, varied instream habitat, natural shorelines, and forage areas, yet suitable nesting area is relatively low in the more natural areas. The shoreline below the dam is mostly thick vegetation and alder thicket. The downstream shoreline also had an area of steep sloped bank, a creek, and an area having standing water. This type of habitat provides basking and forage habitat for both species.

While wood and Blanding's turtles are likely using the river where they have been documented below the Hayward Dam, and possibly the riverine area upstream of the impoundment (currently undocumented), it is less likely that they are using the lake proper. Shoreline development around the lake, lack of flow and shallow water, and lack of basking areas make Lake Hayward undesirable for both species. It is possible, however, that the turtles are using the lake to overwinter.

Aside from roads, driveways, and parking areas, only two very small natural areas were mapped below the dam as potential nesting habitat. High levels of open sandy/gravel areas associated with human transportation may increase human induced mortality, however, a



recent study has suggested that anthropogenic perturbation of this sort may actually increase turtle nesting success (Murphy et al. 2022).

## 4.2 Trego Project

A total of 1,190,355 square feet (27.33 acres) of turtle nesting habitat was mapped within 984 feet of the Project area shoreline and therefore suitable for Blanding's turtle nesting. Suitable wood turtle nesting habitat within 200 ft of the shoreline comprised approximately 210,344 square feet or 4.83 acres (Figure 7). As with the Hayward Project, most of the suitable nesting habitat mapped within the Trego Project boundary buffers were areas of human disturbance, including roads, roadsides, driveways, parking lots, and single-track off-road routes. However, overall residential development along the shoreline provided suitable nesting habitat as well as one beach area where basking softshell turtles were observed on multiple occasions.

Overall, high quality and varied habitat is present for turtles throughout the Project buffer, and it is likely that wood and Blanding's turtles are selectively using the adjacent riverine and wetland habitats. Wood turtles have been previously documented in the river below the dam, above the impoundment, and in Mackay Creek. Blanding's turtles have been reported within a mile of the Project, but not within the Namekagon River in this area. The Namekagon River presents high quality habitat for both turtle species, providing flowing water, varied in-stream habitat, natural shorelines, adjacent upland and wetland forage areas, and overwintering habitat. Mackay Creek flowing into the Project area also provides good flow, clear water, and varied natural habitat. This area is bordered by heathy wild rice beds and emergent marsh plants. It is likely that both turtle species are using the river and creek in the Project boundary, and likely to a lesser extent the lake. The lake is deeper than either turtle prefers, and flow velocity in the lake is low. Due to the ample prime habitat in adjacent areas, it is expected that the areas of deep water and low flow are not being selected by these turtles. It is possible that the turtles are using the lake to overwinter, but the adjacent riverine habitats also provide suitable overwintering areas.

## 5.0 Conclusion

No nesting wood or Blanding's turtles were observed, and no wood or Blanding's turtle nests were found during this survey. While the surveyors on this project did not document nesting turtles or turtle nests of any species, it is likely that nesting success is occurring, an assumption made based on the availability of open sandy/gravel areas that are associated with no or very low human transportation. The lack of observance is likely reflective of the time of day and the short period of time surveys were conducted. Turtles are generally more active in the early mornings and late evenings and possibly after storm events.

Recent research suggests the tradeoff between human induced turtle mortality along roads may be offset by the decrease of predation of nests in these areas (Murphy et al. 2022). Natural landscape in the area was historically wooded with few areas of exposed sandy/gravely substrate suitable for nesting. When suitable nesting areas are limited, many turtles nest in the same area, and predators can easily find the aggregate nests. As anthropogenic development increases, areas of exposed sand and gravel, turtles are able to spread out their nests. Additionally, predation was found to be lower on nests occurring along a road in a linear fashion.

Nest site fidelity and other nesting ecological traits may put the wood turtle at risk (Walde et al. 2007). Female wood turtles have been found to have high nesting site fidelity. In addition, they may stage in an area for several days before completing a nest. Staging, nest-site fidelity, and a relatively short nesting season make them vulnerable to anthropogenic disturbances.

Comparatively, fewer turtles were observed at Hayward than Trego. A lack of basking logs was observed in Hayward compared to Trego. Turtle density has been correlated with the availability of



basking areas and lack of basking logs may have a detrimental effect on turtle densities (Lindeman 1999).

Overall, habitat for both wood and Blanding's turtles was observed to be present and of high quality in both locations. More undeveloped area was present within the Trego Project than the Hayward Project; Hayward having a great amount of anthropogenic development in the 984-foot buffer of that Project. Both Blanding's and wood turtles have been documented within or in the vicinity of each Project boundary, and while ample suitable habitat was mapped in each area, most of it was the result of roads and parking lots. Presence of naturally occurring suitable nesting habitat was low within both Project boundaries; Trego having more than Hayward.

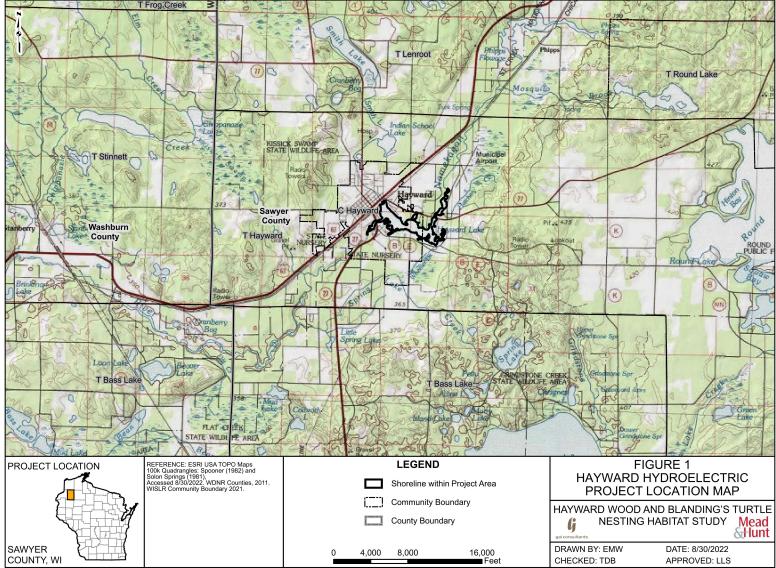
## 6.0 References

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- Wisconsin Department of Natural Resources. 2017. Blanding's Turtle (*Emydoidea blandingii*) Species Guidance. Bureau of Natural Heritage Conservation, Wisconsin Department of Natural Resources, Madison, Wisconsin. PUB-ER-683.



FIGURE 1 Hayward Hydroelectric Project Location Map





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# FIGURE 2 Trego Hydroelectric Project Location Map



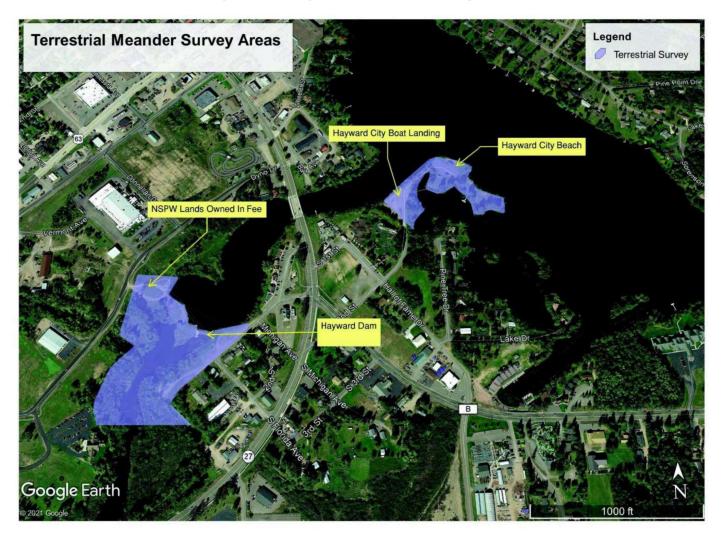


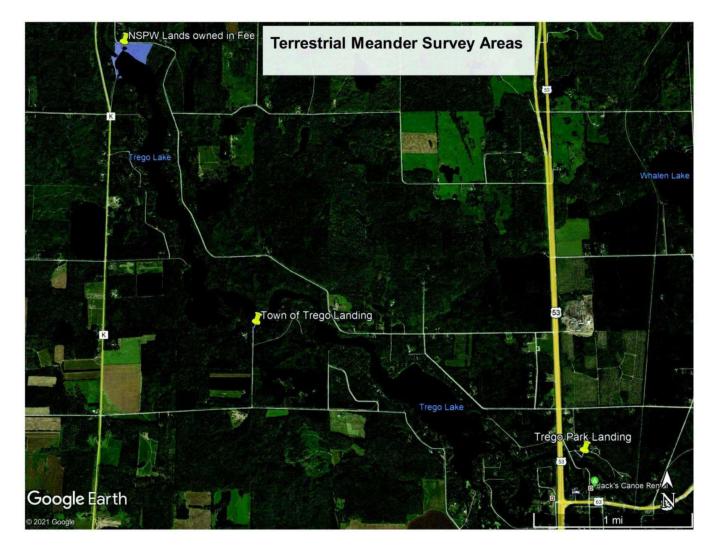
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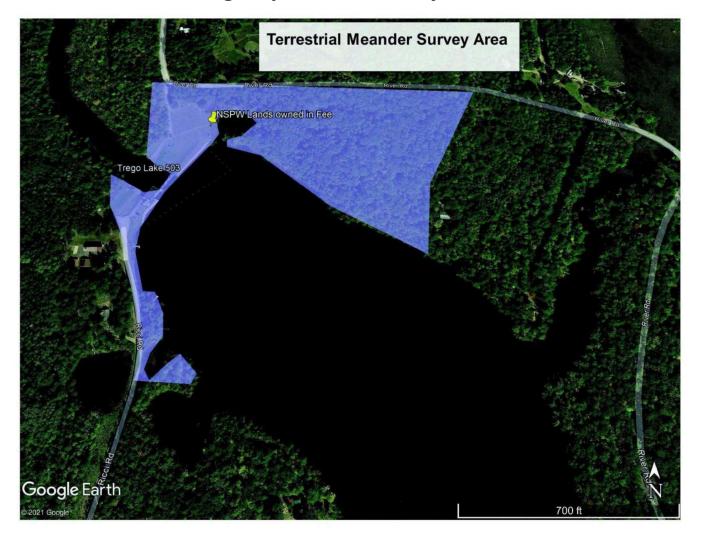
FIGURE 3 Hayward and Trego Lands Owned by Licensee and Open to the Public



# Hayward Hydroelectric Project







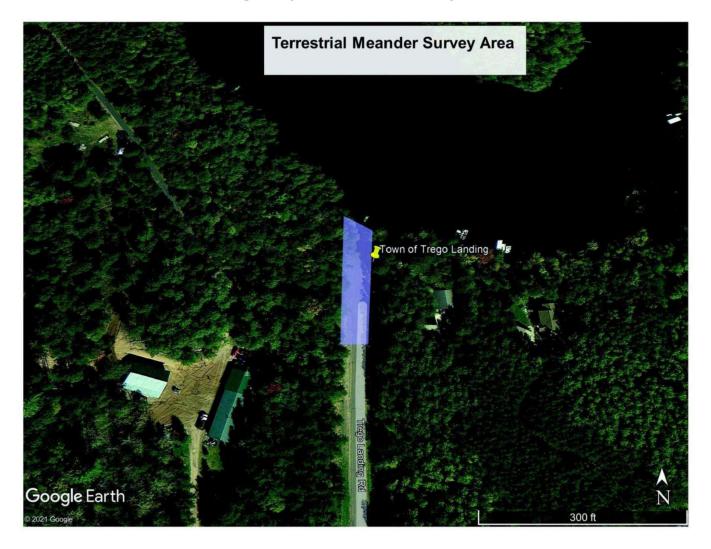
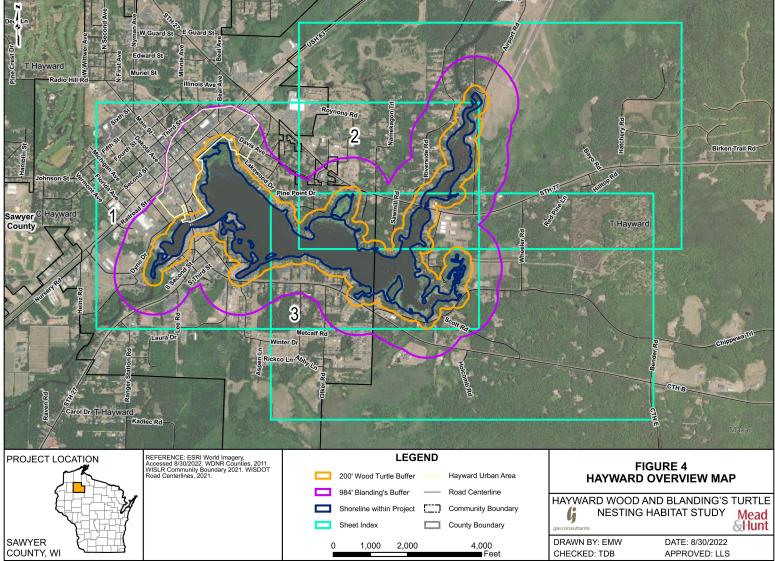




FIGURE 4 Hayward Overview Map

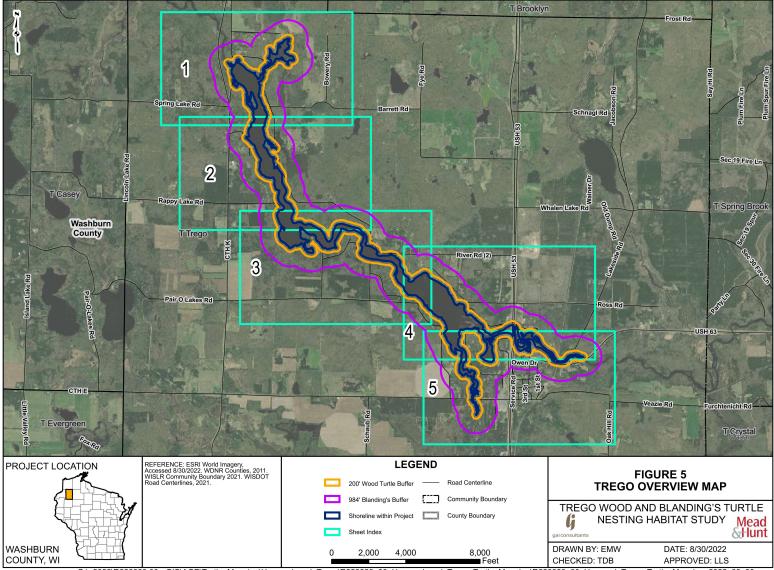




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FIGURE 5 Trego Overview Map

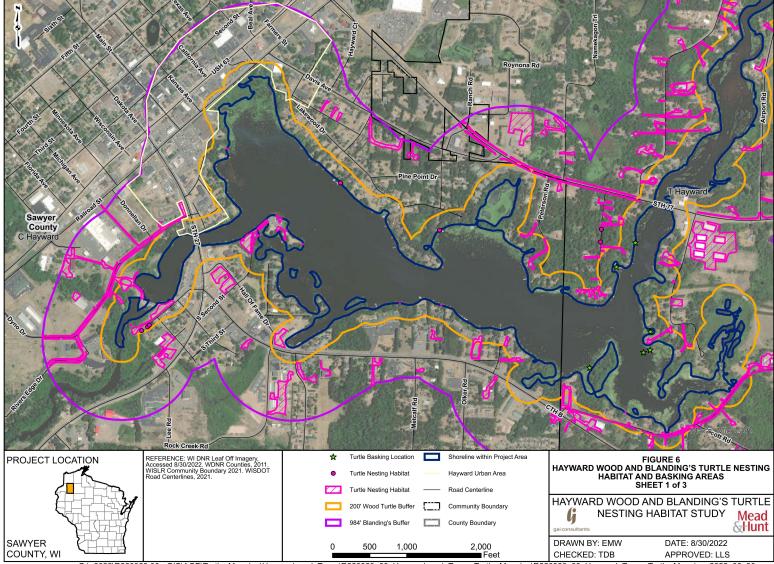




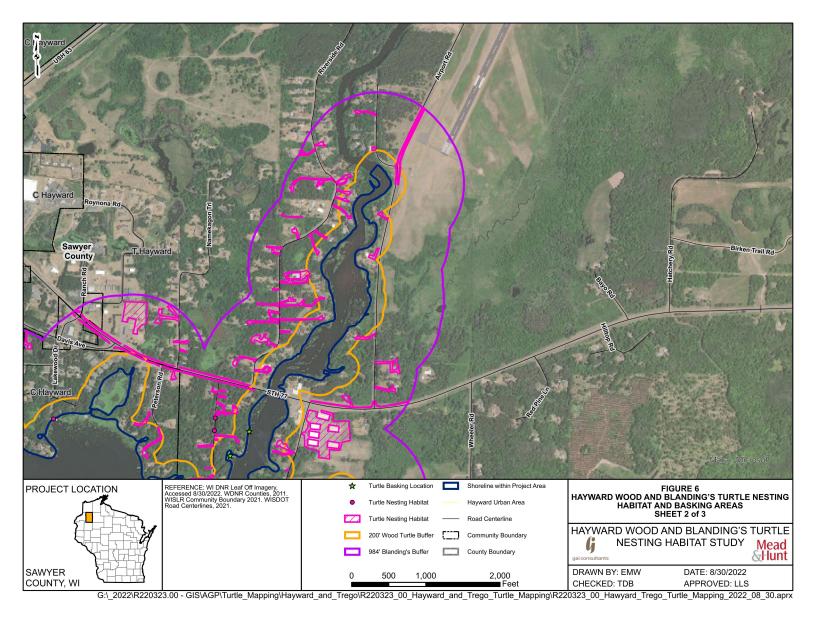
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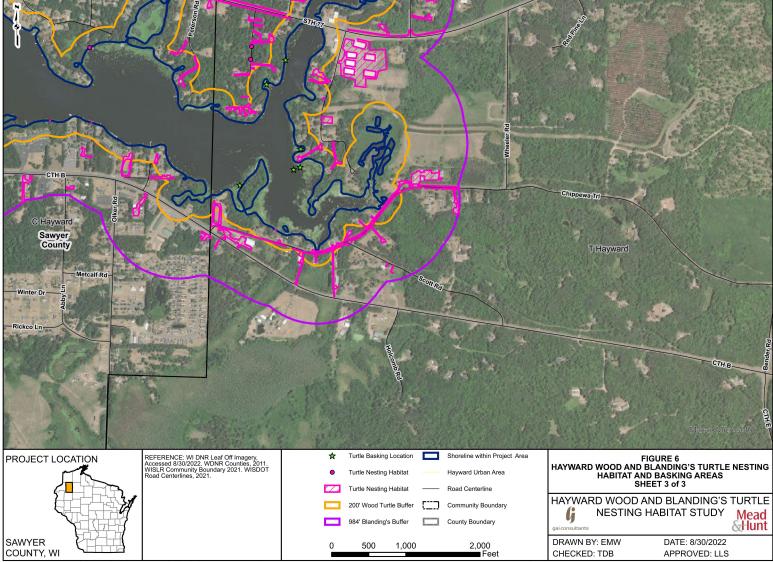
FIGURE 6 Hayward Wood and Blanding's Turtle Nesting Habitat and Basking Areas





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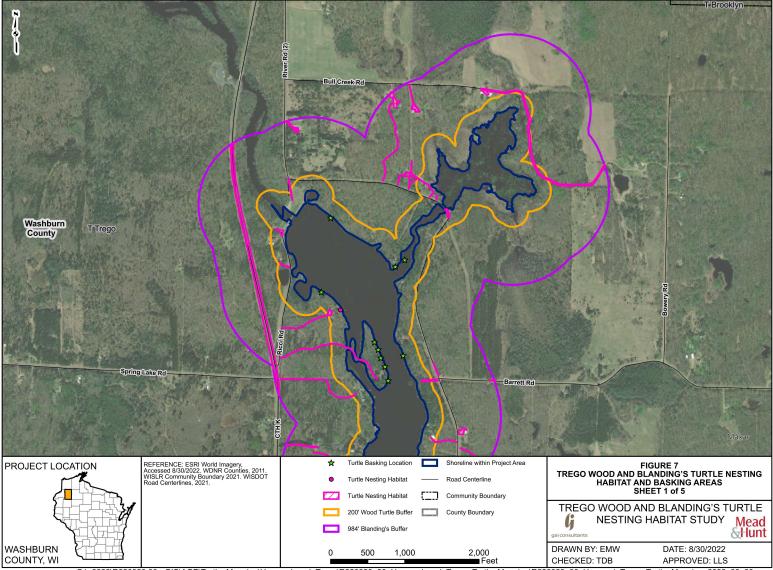




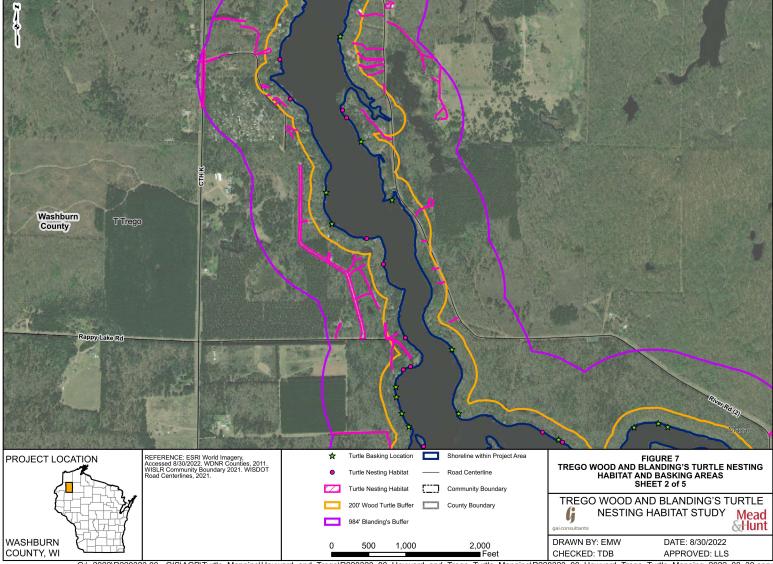
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# FIGURE 7 Trego Wood and Blanding's Turtle Nesting Habitat and Basking Areas

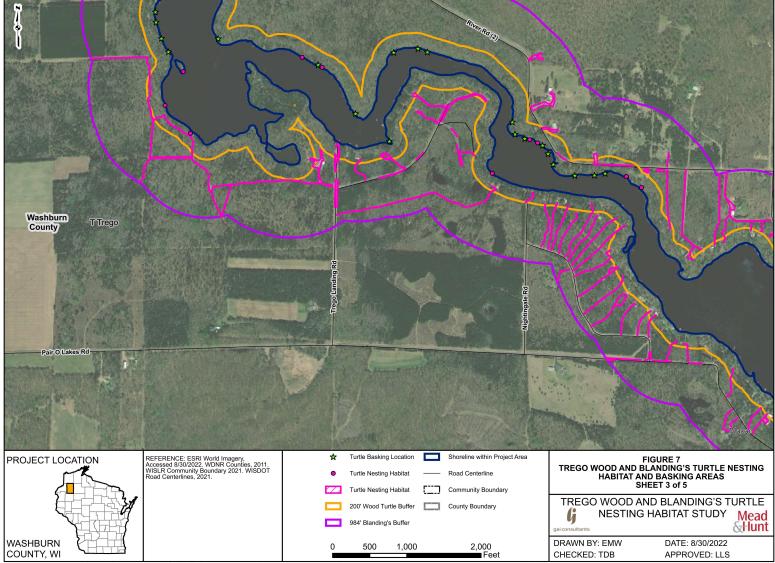




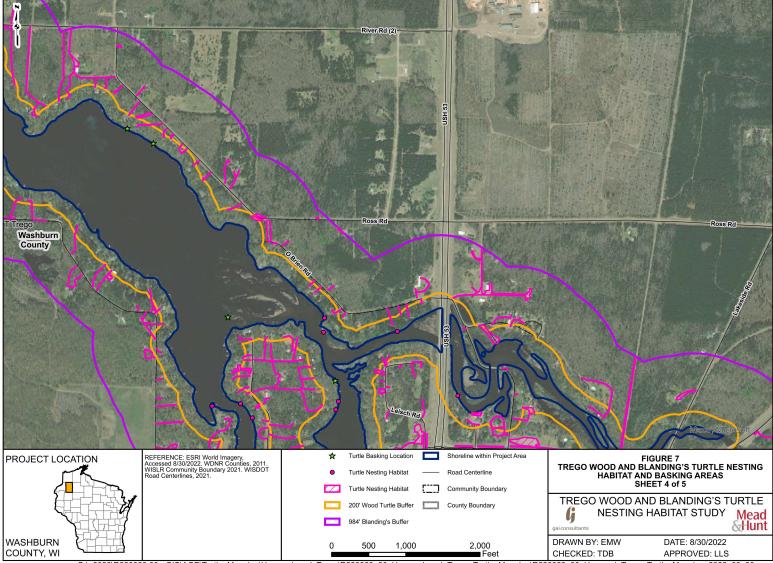
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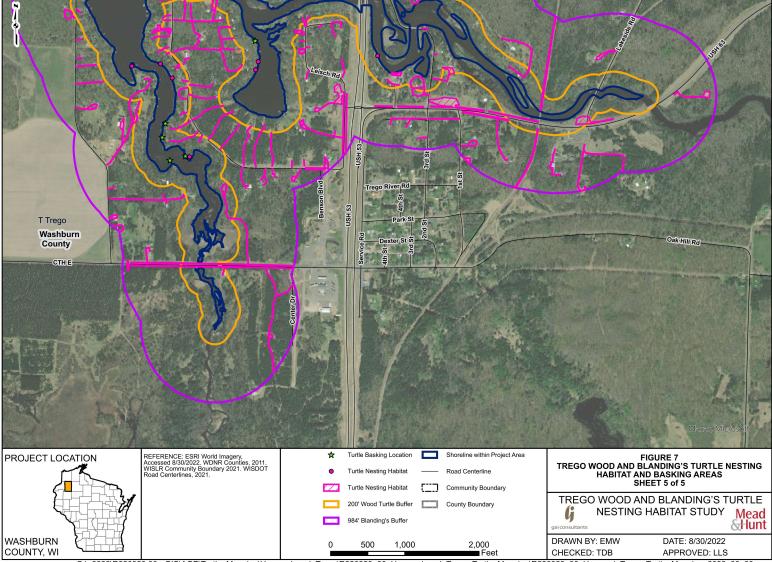
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# ATTACHMENT A Photo Log



# Hayward and Trego Lake Wood and Blanding's Turtle Nesting Habitat Study Report Photo Log





APPENDIX E-24 BITP/A for Wisconsin Cave Bats

## Broad Incidental Take Permit and Broad Incidental Take Authorization for Wisconsin Cave Bats

Conservation Plan - November 2022

During this COVID-19 pandemic, there is increasing concern that symptomatic or asymptomatic humans could inadvertently pass the virus that causes COVID-19 disease in humans to mammals, including bats, during handling. As a reminder, any handling of bats by a pest control operator requires an Endangered/Threatened (E/T) Species Permit (this is not required for a landowner). In addition, please be sure to continue following disinfection protocols for any equipment used during bat removals or exclusions (see Appendix 4).

The department has issued this broad incidental take authorization (used by state agencies) and broad incidental take permit (used by non-state agencies and individuals), as provided for under s. 29.604, Wis. Stats., to allow for the incidental taking of state listed cave bats in Wisconsin that may occur as a result of specific public health concerns, bat removals, building demolitions, tree cutting, bridge demolitions, miscellaneous building repairs and wind energy development projects.

This permit and authorization cover the above activities only if the associated minimization measures are followed and take is reported (where required). These measures must be followed when a bat is present or suspected to be present (e.g., evidence of bat presence, Endangered Resources Review). Please note that the northern long-eared bat is currently listed as threatened in Wisconsin and threatened with 4(d) rule at the federal level by the United States Fish and Wildlife Service (USFWS, <a href="http://www.fws.gov/Midwest/endangered/mammals/nleb/index.html">http://www.fws.gov/Midwest/endangered/mammals/nleb/index.html</a>). For the activities listed above, this Conservation Plan includes both state and federal requirements. The state cannot permit or authorize take of a federally listed species, however this Conservation Plan was written to incorporate both state and federal requirements.

For activities not listed above, contact the Wisconsin Department of Natural Resources' Endangered Resources Review Program (<u>DNRERReview@wi.gov</u>) for more information on state and federal requirements. Please note that building demolition, tree cutting, bridge projects, miscellaneous building projects and wind energy development typically require a full Endangered Resources Review <u>http://dnr.wi.gov/topic/ERReview/Review.html</u> to determine impacts to other wildlife species as well.

An incidental take permit or authorization is typically issued on a project-by-project basis, however a broad incidental take permit and broad incidental take authorization were created for this situation so that neither an application nor a permit fee are required. An individual following the minimization measures listed below is automatically covered by this broad incidental take permit/authorization. Take will be minimized by following specific minimization measures and the Department has concluded that the projects covered under this permit/authorization are not likely to jeopardize the continued existence and recovery of the state population of these bats or the whole plant-animal community of which they are a part; and has benefit to the public health, safety or welfare that justifies the action.

### **Project Location**

Statewide

## **Project Information**

This permit/authorization cover specific public health concerns, bat removals, building demolitions, forestry activities, bridge demolitions, miscellaneous building repairs and wind energy development projects as described in *Minimization Measures*.

### **Species Information**

This permit/authorization cover all cave bats currently listed in Wisconsin (NR 27.07, Wis. Admin. Code):

- <u>Big brown bat (*Eptesicus fuscus*)</u> State Threatened The big brown bat is a large insectivorous bat, weighing 15.0-26.0 grams. Fur color is russet to dark brown, and the muzzle is black and hairless. In summer, big brown bats commonly roost in artificial structures such as barns, but these bats will also use crevices in trees and rock faces. Big brown bats migrate short distances to caves and mines where they will hibernate for the winter.
- <u>Tricolored bat (*Perimyotis subflavus*)</u> State Threatened The tricolored bat (formerly eastern pipistrelle) is Wisconsin's smallest bat weighing 4.0-8.0 grams. Fur color ranges from golden brown to reddish brown, and the wing membrane is black with red forearms. The tricolored bat is an insectivorous bat. In summer, these bats commonly roost in the branches of deciduous trees disguised as a leaf. This species migrates short distances to caves and mines in the fall where they hibernate over the winter.
- Little brown bat (*Myotis lucifugus*) State Threatened
   The little brown bat is a medium-sized member of the genus *Myotis*. This insectivorous bat weighs 5.0-12.5 grams, and has tan, reddish-brown or dark brown fur. This species commonly uses artificial structures such as attics and barns as summer roosting sites, but will also roost in crevices and cavities of trees. In fall, little brown bats make local long-distance migrations of up to 279 miles to caves and mines where they will hibernate for the winter.
- <u>Northern long-eared bat (*Myotis septentrionalis*) State Threatened and Federally Threatened The northern long-eared bat is dark brown with a gray belly, weighing 5.0-8.0 grams and is insectivorous. In summer this bat roosts in trees behind loose bark and in cracks/crevices/holes along the trunk of the tree. It rarely roosts in artificial structures. Unlike most of the state's bats, this species commonly forages in forest interior. In fall the northern long-eared bat migrates to caves and mines where they will hibernate for the winter.</u>

### Likely Impact to Species

Although minimization measures to protect the big brown, tricolored, little brown and northern longeared bats are incorporated into this broad incidental take permit/authorization, it is not possible to fully avoid incidental take of these species in all situations. Due to the nature of activities covered under this permit/authorization, it is difficult to determine the exact number of individuals that could be taken as a result of the project; however take will be minimized by following specific minimization measures. The Department has concluded that the take allowed for under this permit/authorization is not likely to jeopardize the continued existence and recovery of the state

Page 2 of 8

population of these bats or the whole plant-animal community of which they are a part.

### **Alternative Actions**

The following alternatives were considered for this permit/authorization:

Alternative 1: Do not allow for any take of cave bats.

This alternative was determined to not be feasible, due to the large number of affected activities, and is not an appropriate public health decision.

Alternative 2: Do not allow for any take of cave bats during the summer roosting period but allow for some take throughout the remainder of the year.

This alternative was determined to not be feasible, due to the large number of affected activities that occur during the summer roosting period, and is not an appropriate public health decision.

Alternative 3: Allow for some take of cave bats, with minimization measures in place, during the summer roosting period and throughout the remainder of the year.

This option was the preferred alternative because it addresses public health concerns; protects a large number of bats; and allows for most affected activities to continue as planned, or with minimal modifications.

### **Minimization Measures**

This permit/authorization covers the activities listed below only if the associated minimization measures are followed and take is reported (where required). These measures must be followed when a bat is present or suspected to be present (e.g., evidence of bat presence, Endangered Resources Review). Please note that the northern long-eared bat is currently listed as threatened in Wisconsin and threatened with 4(d) rule at the federal level by the United States Fish and Wildlife Service (USFWS, <u>http://www.fws.gov/Midwest/endangered/mammals/nleb/index.html</u>). For the activities listed below, this Conservation Plan includes both state and federal requirements. The state cannot permit or authorize take of a federally listed species, however this Conservation Plan was written to incorporate both state and federal requirements.

For activities not listed below, contact the Wisconsin Department of Natural Resources' Endangered Resources Review Program (<u>DNRERReview@wi.gov</u>) for more information on state and federal requirements. Please note that building demolition, tree cutting, bridge projects, miscellaneous building projects and wind energy development typically require a full Endangered Resources Review <u>http://dnr.wi.gov/topic/ERReview/Review.html</u> to determine impacts to other wildlife species as well.

Note: Take covered under this permit/authorization must be reported within 5 working days (where required below). Take not reported within 5 working days is not legally covered and is in violation of the Wisconsin Endangered Species Law (s. 29.604, Wis. Stats.). Reports can be submitted via email (<u>DNRBats@wi.gov</u>), or by submitting a sick/dead bat report using the form: http://wiatri.net/Inventory/Bats/Report/BatForm.cfm. When using the form, state that you are reporting take in the "Additional Comments" section. A. Health Exceptions

The landowner, rather than the DNR, is allowed to determine if they believe there is a health risk under this section (Section A).

Centers for Disease Control and Prevention (CDC) protocols should be followed for all situations where rabies or histoplasmosis is a possibility or may become a possibility if action is not taken (see Appendix 1).

Additionally, exclusions completed from June 1 through August 15 must be reported to the Department by submitting a Health Exemption Form in order to be covered under this permit or authorization. The landowner is responsible for completing and submitting the form, which is available online (<u>http://dnr.wi.gov/topic/erreview/itbats.html</u>). This form must be completed and submitted to the Department within **5 working days of start of work**.

If an activity qualifies as a health exception, it is exempt from timing minimization measures, and maximum take limits, but exclusions done during the non-exclusion period for human health reasons must still minimize take by following the approved exclusion protocols listed in Appendix 5. Exclusion practices used that are not described in Appendix 5 are in violation of this permit/authorization.

B. Bat Removals and Exclusions

Exclusion is defined as the process of allowing a colony of bats to leave the structure but not reenter (i.e., use of one-way doors, see Appendices 2 and 5). Physically removing the colony of bats is not included in the definition of exclusion and is not covered under this section of the permit/authorization. Bats may be removed from the living space of a building at any time (see B.1. below).

Approved exclusion practices may be reviewed in Appendix 5. Exclusion practices used that are not described in Appendix 5 are in violation of this permit/authorization

If bats must be handled or transported for any reason during the exclusion process, the person conducting the exclusion must possess a valid Endangered/Threatened (E/T) Species Permit (<u>http://dnr.wi.gov/topic/endangeredresources/permits.html</u>). By obtaining the E/T Permit, the pest control operator can assure the landowner that practices used by the pest control company are in accordance with state law and no fines should incur while exclusion is completed. If bats must be handled during the exclusion, an E/T Permit holder (i.e. a rehabilitator or licensed pest control operator) may be contacted to handle the bats.

Practices that cause intentional take of the bats (i.e., sticky traps, sealing the entry/exit points to the roost with bats inside, large-hole netting that traps bats) are not considered exclusion methods, are not covered under this permit/authorization and are in violation of Wisconsin's Endangered Species Law (s. 29.604, Wis. Stats.).

1. Living Space or Place of Work

A living space is defined as a place of residence that is routinely and consistently inhabited. A living space does not include attics that are empty or used as storage.

If individual bats (5 or fewer) enter a living space or place of work, reasonable attempts must first be made to remove or exclude the bats alive and unharmed (see Appendix 2). If individual bats cannot realistically be removed unharmed, up to 5 bats may be killed for the purpose of removing them from a living space or place of work. No more than 5 bats may be

killed within any 24 hour period and a maximum of 10 bats may be killed from June 1 – August 15 (take report recommended – see "Note" above).

Removals and exclusions from June 1 – August 15 are allowed in hospitals, medical clinics, day cares centers, nursing homes, assisted living facilities and restaurants.

2. Storage Areas, Attics, Barns, etc.

Bats found in storage areas, attics, barns, etc., may be excluded from the area August 16 - May 31 (see Appendix 2). Exclusion may not occur from June 1 - August 15 unless a health exemption report form is filed (see Section A).

- 3. In an effort to help curb the spread of white-nose syndrome (WNS), bat exclusion professionals and pest control operators must follow these guidelines concerning cleaning equipment (NR 40, Wis. Admin. Code.):
  - Equipment used outside of Wisconsin should be thoroughly cleaned and disinfected before use in Wisconsin following the protocols in Appendix 4.
  - Equipment used at multiple sites within Wisconsin should be cleaned thoroughly and disinfected between uses following the protocols in Appendix 4. Materials that come in direct contact with bats such as bat cones or exclusion devices should not be used at multiple sites and should be discarded after use.
- C. Building Demolition

Please note that timing restrictions in this section vary slightly from those listed for other activities. Bats typically leave summer roosts (in buildings or other locations) in late fall and begin to return in early spring. However, one bat species in Wisconsin is known to hibernate in buildings in winter. Bats are not actively flying during winter hibernation and can appear dead. As a result, traditional exclusion methods do not work.

- 1. For projects occurring where there is no evidence of bat presence (see Appendix 3), there are no restrictions.
- 2. For building demolition occurring from June 1 August 15, where there is evidence of bat presence (see Appendix 3):
  - Building demolition and bat exclusions are generally not permitted during this time period in order to protect flightless pups in the roost. Exclusion and subsequent demolition may occur only if the bats are considered by the landowner to be a health risk. In these situations, a health exemption form must be completed within 5 days of starting work (see section A).
- 3. For building demolition occurring from August 16 October 31 or March 16 May 31, where there is evidence of bat presence (see Appendix 3):
  - Bats must be excluded from the building for at least 7 consecutive days immediately prior to demolition. Full exclusion is not required if the building is unsafe to enter, however reasonable attempts should still be made to exclude as many bats as possible while keeping all people safe. (Report required for unsafe buildings see "Note" on Page 3.)
- 4. For building demolition occurring from November 1 March 15, where there is evidence of bat presence (see Appendix 3):

• For any bats found prior to demolition work or encountered during the demolition phase, attempts must be made to transfer the bats to a wildlife rehabilitator for the remainder of the hibernation period OR the DNR's bat biologists must be consulted for additional options (Paul White, 608-267-0813 and john.white@wi.gov, or Heather Kaarakka, 608-266-2576 and heather.kaarakka@wi.gov).

### D. Tree Cutting

Northern long-eared bats are federally protected in trees that are known maternity roosts (from June 1 – July 31) and in areas where known hibernacula could be impacted (including tree removal within 0.25 miles of a hibernacula entrance). If you will be cutting trees, please have an Endangered Resources Review <u>http://dnr.wi.gov/topic/ERReview/Review.html</u> conducted to determine if known northern long-eared bat maternity roosts or hibernacula exist near your project. If the Endangered Resources Review states that these areas do not exist near your project, there are no restrictions for tree cutting; however special consideration should be given to protecting snags or dying trees, particularly from June 1 – August 15.

#### E. Bridge Projects

The process for assessing transportation project impacts to listed species and the associated minimization measures will follow existing protocols.

- 1. Bridge repairs or demolition occurring from August 16 May 31 do not have any restrictions. If bats are present, reasonable attempts should be made to prevent take by excluding the bats from the structure prior to demolition.
- Emergency bridge repairs or demolition occurring from June 1 August 15 are covered under this permit/authorization but must be reported within 5 working days (report required – see "Note" above).
- 3. Non-emergency bridge repairs or demolition may not occur from June 1 August 15 unless bats are excluded prior to April 1 to prevent bats from using the bridge during the maternity period.
- F. Miscellaneous Building Projects (e.g., roofing, painting, siding)
  - 1. For projects occurring where there is no evidence of bat presence (see Appendix 3):
    - Full bat exclusions are not required.
    - If roofing, painting or siding and bats are found incidentally under shingles or roof vents, or behind shutters or siding, set the shutters or siding down and leave the area. Once the bats have left, continue with repairs. If bats do not leave, attempts should be made to transfer the bats to a wildlife rehabilitator OR the DNR's bat biologists should be consulted for additional options (Paul White, 608-267-0813 and john.white@wi.gov, or Heather Kaarakka, 608-266-2576 and heather.kaarakka@wi.gov).
  - 2. For projects occurring from June 1 August 15, where there is known bat presence (see Appendix 3):
    - Building projects with the potential to impact bats and bat exclusions are generally not permitted during this time period in order to protect flightless pups in the roost. Exclusion and subsequent building repairs may occur only if the bats are considered

by the landowner to be a health risk. In these situations, a health exemption form must be completed within 5 days of starting work (see section A).

- If roofing, painting or siding and bats are found incidentally under shingles or roof vents, or behind shutters or siding, set the shutters or siding down and leave the area. Once the bats have left, continue with repairs. If bats do not leave, attempts should be made to transfer the bats to a wildlife rehabilitator OR the DNR's bat biologists should be consulted for additional options (Paul White, 608-267-0813 and john.white@wi.gov, or Heather Kaarakka, 608-266-2576 and heather.kaarakka@wi.gov). Note that full bat exclusions are not required when bats are only incidentally found during miscellaneous building projects.
- 3. Projects occurring from August 16 May 31 where there is known bat presence (see Appendix 3):
  - Take should be minimized during the course of the project by following applicable exclusion protocols listed in Appendix 5. Exclusion practices used that are not described in Appendix 5 are in violation of this permit/authorization.
  - If roofing, painting or siding and bats are found incidentally under shingles or roof vents, or behind shutters or siding, set the shutters or siding down and leave the area. Once the bats have left, continue with repairs. If bats do not leave, attempts should be made to transfer the bats to a wildlife rehabilitator OR the DNR's bat biologists should be consulted for additional options (Paul White, 608-267-0813 and john.white@wi.gov, or Heather Kaarakka, 608-266-2576 and heather.kaarakka@wi.gov). Note that full bat exclusions are not required when bats are only incidentally found during miscellaneous building projects.

G. Wind Energy Development

Wind energy projects typically affect tree bat species (not currently listed) and only impact cave bat species in certain situations (e.g., projects located near cave bat hibernacula may increase the occurrence of impacts to cave bats especially during fall migration in August and September). Further, there is not enough data at this time to determine the impact of potential mortality to local bat populations. Because of this uncertainty and the scope of impacts, no additional actions, above those currently requested by the Department, will be required of this industry at this time.

### **Mitigation**

For every take of a cave bat that occurs, reasonable attempts must be made to prevent future take in the same area (e.g., exclusion of bats from the area, sealing of siding or eaves after bats are gone).

#### **Responsible Parties**

Landowners are responsible for all actions and costs incurred as a result of following this Broad Incidental Take Permit/Authorization.

#### **Funding**

Landowners are responsible for all costs incurred as a result of following this Broad Incidental Take Permit/Authorization.

Appendix 1: Health Information

- Appendix 2: Removing and Excluding Bats
- Appendix 3: Determining Bat Presence
- Appendix 4. Cleaning and Disinfection Protocols for Bat Exclusion Professionals

Appendix 5. WDNR Exclusion Protocol

#### **Appendix 1: Health Information**

The following information was created by the Center for Disease Control and Prevention (CDC): http://www.cdc.gov/rabies/bats/contact/index.html. This information should be followed when handling or testing bats for rabies or histoplasmosis.

Recent data suggest that transmission of rabies virus can occur from minor, seemingly unimportant, or unrecognized bites from bats. Human and domestic animal contact with bats should be minimized, and bats should never be handled by untrained and unvaccinated persons or be kept as pets.

In all instances of potential human exposures involving bats, the bat in question should be safely collected, if possible, and submitted for rabies diagnosis. Rabies postexposure prophylaxis is recommended for all persons with bite, scratch, or mucous membrane exposure to a bat, unless the bat is available for testing and is negative for evidence of rabies.

Postexposure prophylaxis should be considered when direct contact between a human and a bat has occurred, unless the exposed person can be certain a bite, scratch, or mucous membrane exposure did not occur.

In instances in which a bat is found indoors and there is no history of bat-human contact, the likely effectiveness of postexposure prophylaxis must be balanced against the low risk such exposures appear to present. Postexposure prophylaxis can be considered for persons who were in the same room as a bat and who might be unaware that a bite or direct contact had occurred (e.g., a sleeping person awakens to find a bat in the room or an adult witnesses a bat in the room with a previously unattended child, mentally disabled person, or intoxicated person) and rabies cannot be ruled out by testing the bat. Postexposure prophylaxis would not be warranted for other household members.

If you woke up because a bat landed on you while you were sleeping or if you awakened and found a bat in your room, you should try to safely capture the bat and have it tested. The same precautions should be used if you see a bat in a room with an unattended child, or see a bat near a mentally impaired or intoxicated person.

The small teeth of the bat can make a bite difficult to find. Be safe and in these situations, try to safely capture the bat, have the bat tested, and seek medical advice.

Appendix 2: Removing and Excluding Bats



## **Bat Exclusion**

Method used by The Wisconsin Bat Program

### **A PROVEN SOLUTION**

Do you have bats that you would like to remove from your living space? The following description is the widely accepted. non-lethal approach for excluding bats from your home. Killing the bats you will find does not solve the root problem which involves locating and sealing the actual access point that the bats are using. The remaining bats and future bats will still find their way into your attic or similar roosting space until vou locate and seal all access points. Bats are NOT rodents and therefore will NOT chew their way into your house if you close off the opening. They use only existing openings.

As you may already know, bats are extremely beneficial to have in your neighborhood and many property owners spend a lot of effort trying to attract bats to their area by providing artificial roosts for them. If you have bats in your home vou are half-way to experiencing the benefits of these insect-eating mammals without having to share your living space. The first step is already done; you have the bats interested in your location. The second step involves providing these bats with alternative roosting options that allows them to remain on the property without having access to your home. Finally, after a successful exclusion, the bats you saved will have a good chance of staying nearby. Why should you care if they stay? A single bat can eat 1,000 or more mosquito-sized insects in one hour and the equivalent of the bat's own body weight per night. As that is just a single bat, you can imagine what a colony of 20 to 100 bats can eat in one night.

Bats will NOT attack you while you are enjoying an evening on your porch. Instead, they are enjoyable to view as they capture 100's and 1,000's of insect pests that would normally be interrupting your relaxing night outside. They conduct this service to you for free. You simply need to provide these bats with an alternative place to live that is not in your home. Like bird houses, a bat house is relatively easy to build yourself, inexpensive to purchase, and readily available from a variety of organizations.

### Let's get started with the process.

First of all, timing is important when excluding bats from the home. Do not attempt to exclude bats during the summer months when the colony is established and the young are unable to fly. Bat exclusions should not be conducted from May 1st through August 31. Exclusions occurring during this time period will separate mothers from their pups, leaving the pups to die of starvation. Frantic mothers, searching for an opening to reach their pups, may enter your living space and be more difficult to deal with than what you started with. By trapping the flightless young inside, you may also have created another unexpected

problem involving the smell of dead animals.

### Step 1: OBSERVE Where are the bats entering?

At sunset or just before sunrise, have one or more persons located around the house observe where the bats are exiting the building. Observers should be able to see the entire structure without turning their heads; bats can exit and take flight in a matter of seconds. Make observations



Bat Guano

for several nights. This will ensure that all or most exit-points are identified. Pay special attention to areas in which bats commonly find access to your home: corners, eaves, louvers, loose siding, window air conditioners, and loose or damaged screens. Search the building for other various structural defects needing maintenance as the bats may search for alternative openings to their former roosting site after exclusion. It may take a second year of observation to ensure you have located all possible entry points. Visible signs such as staining and guano (bat droppings) will also help identify openings. The body oils of bats can cause



Bat guano in front of garage

staining on the main access areas of the building, though you will need to look carefully because it is not always obvious. One of the best ways to find an opening is somewhat counter-intuitive: looking down instead of up. Guano found on the ground indicates bat activity from their opening above. When you find a concentration of these small droppings on the ground next to the foundation, you will often have a better chance of finding the access point.

### Step 2: INSTALL Can we still keep the bats here in my yard by putting up a bat house?

YES. Want to provide bats with a home, just not your own? We recommend installing an alternative roost, commonly referred to as a "bat house", in the general vicinity of the entry-points. If you exclude in the fall, installing the bat house a year before the exclusion or during the start of summer, provides the best chance for



#### Two types of bat houses

success. As bats come and go, they will become familiar with the structure. Upon exclusion, this familiarity will provide the best possible chance for the successful inhabitation of the bat house by the recently excluded bats. If you are interested in purchasing or building bat houses, contact the Wisconsin Bat Monitoring program. The program staff can help you decide on where to purchase the best bat house design with proven success. The Wisconsin Bat Monitoring program can also give you instructions for building your own bat house. Read titled: information pamphlet our "Building a Bat House" to learn how to build and locate your bat house. Location and design are critical pieces as bats are more difficult to attract to a bat house than birds are to a bird house.

# Step 3: EXCLUDE1. One-way doors 2. One-week wait,3. Seal all of the holes.

After all openings have been discovered, install one-way exits. These exits will allow bats to leave, but will not allow them to re-enter. Keep in mind the time of year as you do not want to trap the flightless young inside. Avoid excluding bats between May 1<sup>st</sup> and August 31<sup>st</sup>.

One-way exclusion devices can be created using plastic netting with one-sixth inch (0.4 centimeter) or smaller mesh. Shape the plastic netting so that it covers the opening entirely and extends at least two feet below it. Using staples or duct tape, attach the top and side edges of the



Applying screen for one-way door

plastic netting to the building, leaving the bottom edge open. Be conscious of the netting's tautness; you should be able to slide your hand into the bottom opening though not so loose that the bats may easily crawl back up the opening. At sunset the following night, some of the bats will escape through the open, bottom portion. Leave the netting up for five to seven days; this will ensure that all bats have exited the building. After all bats have been excluded, you may then seal openings permanently with the construction materials. appropriate



Space on bottom for bats to escape

Remember that bats will not chew their way back inside your house. So, after

you've found and sealed all of the access points you will have successfully excluded the bats from your living space.

Other materials can be used to create one-way exits, such as plastic sheeting or PVC pipe. Install the plastic sheeting in the exact manner as the plastic netting. A portion of PVC pipe, which should be similar in size to a tube of caulk. can be inserted into the opening. Seal the

remaining portion of the opening that surrounds the outer rim of the pipe.

### Clean-up

After the bats have been successfully excluded, most people will want to clean the guano out of the building. When cleaning enclosed spaces, there is one simple precaution you should take in protecting yourself from being exposed to a disease known as histoplasmosis. Histoplasmosis is a respiratory disease caused by a fungus that can grow on accumulations of bird and bat guano and may become airborne if disturbed during the cleaning process. The fungus is not necessarily present at your site; however it is best to approach any clean-up with some safety measures. Symptoms of histoplasmosis usually appear within 3 to 17 days after exposure, and may resemble a cold or chronic cough. The risk of histoplasmosis can be reduced and even prevented by wearing a face mask and gloves while working. Wash all clothes and equipment after cleaning out the

previously occupied space. If you want nothing to do with a possible risk to your health there are professional cleaning services that can do this for you. Search online or in your phone directory for a local business. There are also a number of exclusion professionals that deal specifically with bat removal in the State of Wisconsin if you are not comfortable with the doit-yourself method.

**PVC one-way door** 

### Summary

This is how you conduct widely accepted, non-lethal approach to excluding bats from your living space.

- 1. Observe your building around sunset or sunrise to detect all locations bats are using for access.
- 2. Install a bat house prior to conducting exclusion in order to maintain the beneficial insect-eating service of the bats in your back yard.
- 3. Install a one-way door over the opening(s) and wait a week until all of the bats have left.
- 4. Permanently seal the access points with appropriate materials.
- 5. Enjoy a night on your deck or patio and watch your relocated colony of bats eat 100's to 1,000's of mosquito-sized insects.
- 6. Let us know how it worked out as we would like to hear your success story about relocating bats from your attic to their own bat house.
- 7. For additional information on bats of Wisconsin check out our bat website.

### Wisconsin Bat Monitoring Program

http://wiatri.net/inventory/bats

### Bat Access points to your living space

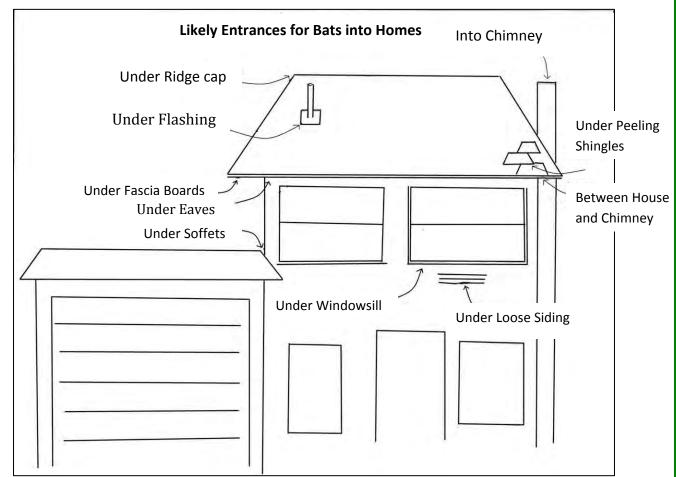


Figure 1: There are several common entry points for bats to find their way into your home. Check for guano piles and stains around these points first in locating the entry points.

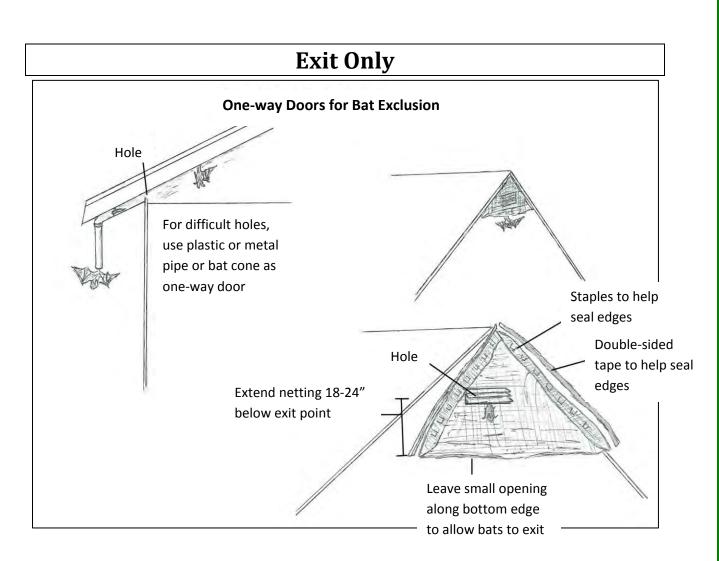


Figure 2: Two common one-way door designs: PVC tube for a small oddly-shaped hole, and netting or mesh for larger holes.

#### **Appendix 3: Determining Bat Presence**

1. Take note of places where bats are likely to enter your home. Bats can enter through holes smaller than a quarter in size. Places like fascia boards, where two buildings meet, between the building and a chimney, under loose shingles, under ridgecaps, under windows, through vents into attics, under flashing, under eaves and under loose siding are all common places for bats to enter.

2. Look for evidence on the ground. Bats will defecate while they roost, and piles of guano usually indicate where bats are roosting.

3. Look for evidence on the building itself. Places where bats enter and exit often have stains from urine and skin oils on the siding and holes. These can be good indications of where bats are entering.

4. Monitor in the evening. Even if no visible signs occur, bats may still be roosting in a building. Observe the building at dusk to see if any bats fly out of openings. Listening at this time can also alert the observer to the presence of bats. Bats will often become very vocal 5-10 minutes before they take flight to forage. Bats make an audible buzzing and clicking while they are roosting.

### Appendix 4.

The WDNR is requiring cleaning of all equipment and clothing that comes in contact with cave bats and their habitat at any point during the year in an effort to control human transmission of white-nose syndrome. The fungus that causes white-nose syndrome, *Pseudogymnoascus destructans* was listed as prohibited invasive species in 2011 under NR. 40, and allow for the following control measures.

All equipment and clothing that is used outside of the state of Wisconsin and at multiple sites within the state during exclusion must be cleaned according to the protocols listed in appendix 4. Protocols are in accordance with U.S. Fish and Wildlife Service white-nose syndrome decontamination procedures: http://whitenosesyndrome.org.

Additionally, to minimize risk of possible transfer of the SARS-CoV-19 to North American bats, follow these guidelines for proper Personal Protective Equipment during work.

- 1. Per CDC guidelines for COVID-19, to block or minimize exchange of respiratory droplets wear a mask when doing work involving bats, including installation of one-way doors and cleaning of attics.
- 2. Use of disposable equipment and coverings (gloves, coveralls and booties) is highly recommended.
- 3. All equipment used during the exclusion process should be thoroughly scrubbed or brushed to remove all organic material.
- 4. Once scrubbed of organic material, clothing and equipment must be sealed in a plastic container or bag to be transported to a suitable site for cleaning. Anything that can be disposed of must be sealed in a plastic trash bag and discarded.
  - a. All equipment and clothing that can be **completely submersed** must be washed with Woolite in wash cycle, rinsed, then
    - i. submersed in hot water (>131 degrees F) for a minimum 20 minutes
    - ii. soaked in 1:10 bleach solution for a minimum of 10 minutes,
    - iii. soaked in 1:128 Lysol for a minimum of 10 minutes.
  - b. All equipment that **cannot be completely submerged** in a solution or hot water or must be used immediately between sites must be scrubbed to remove all organic material and wiped with Lysol disinfecting wipes so that the entire surface is disinfected.
- 5. All equipment and clothing must air dry.
- 6. Prior to entering the vehicle, clean or remove clothing and footwear to avoid contaminating vehicles.

### **Appendix 5: WDNR Exclusion Protocol**

Exclusion activities outside of the following protocol are not covered under the Broad Incidental Take Permit/Authorization and mortality may incur fines. The landowner and/or the pest control operator completing the work may be liable for fines.

Exclusion is the act of allowing bats to leave but not return to a building through the use of one-way doors. One-way doors may be comprised of the following materials and design:

- Tubing- Tubes for exclusion may be plastic or metal and should hang down at least 10-15 inches from the opening. Netting may be installed at the end of the tube to prevent re-entry but the mesh must be plastic with holes smaller than 1/6<sup>th</sup> inch.
- 2. **Mesh or netting** Netting may be installed over entry/exit points, but the netting must have holes 1/6<sup>th</sup> inch or smaller so as to not trap bats, and must extend at least two feet below the entry point. The mesh/netting must be open at the bottom to allow bats to exit under the screen.
  - a. If it is found the netting used is tangling and trapping bats, the pest control operator must remove the bats and release them, and the netting must be replaced with smaller mesh or with a different type of one-way door.
- 3. **Plastic sheeting** Plastic sheeting may be installed in a similar fashion to the mesh. There should be enough space behind the plastic to allow the bats to crawl out from behind the sheeting. It must be open at the bottom to allow the bats to exit.
- 4. **Changes to roosting environment** changes can be made to the roosting habitat to discourage use by bats. These may include, but are not limited to, installation of windows to increase light in the roost, or installation of sheet metal on roosting surface to limit ability of bats to hang. Any changes to the roost environment must not cause take.

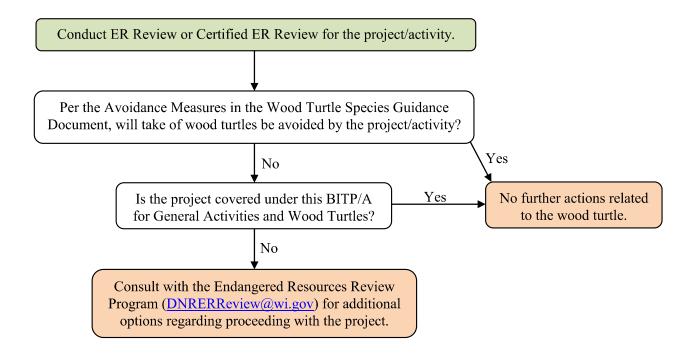
Exclusion devices must remain up for at least 5 days prior to sealing the openings, and there must not be bats in the roost when building is sealed.

APPENDIX E-25 BITP/A for Wisconsin Wood Turtles

### Wisconsin Department of Natural Resources Broad Incidental Take Permit/Authorization for Common Activities

### General Activities and Wood Turtle (*Glyptemys insculpta*)

If an Endangered Resources (ER) Review or Certified ER Review has indicated the likely presence of the wood turtle and avoidance is not possible (per the Wood Turtle Species Guidance document: <u>http://dnr.wi.gov/files/PDF/pubs/er/ER0684.pdf</u>), this Broad Incidental Take Permit/Authorization (BITP/A) should be followed. In general, this BITP/A covers most activities that do not permanently impact habitat (e.g., land management, forestry activities, utility activities) but does not cover land conversion activities (e.g., commercial development, residential development, road expansion).



Wisconsin Department of Natural Resources

Common Activities BITP/A -General Activities/Wood Turtle (Glyptemys insculpta)

### April 2016

### <u>The following activities are NOT covered under this Broad Incidental Take Permit/Authorization</u> <u>but may be eligible to apply for an individual Incidental Take Permit/Authorization or an</u> <u>Endangered/Threatened (E/T) Permit<sup>1</sup>:</u>

- 1. Land conversion activities (e.g., commercial development, residential development, road expansion) that permanently alter or reduce habitat.
- Ground disturbance, heavy equipment operation or supply/equipment storage within nesting habitat (exposed sand or gravel areas within 200 ft of a suitable stream/river) during the nesting season (May 20 September 18), unless *erosion/sediment control fencing or amphibian/reptile exclusion fencing is installed around the project area during the inactive period (November 1 March 14) to prevent turtles from accessing the work area.*
- 3. Prescribed burning during the egg laying period (May 20 July 5) within nesting habitat (exposed sand or gravel areas within 200 ft of a suitable stream/river), unless *erosion/sediment control fencing <u>or</u> amphibian/reptile exclusion fencing is installed around the project area during the inactive period (November 1 March 14) to prevent turtles from accessing the burn area.*
- Instream work and drawdowns during the maximum overwintering period (October 1 April 30). In stream work includes, but is not limited to, streambank/rip rap installation, ford installations, open cut trenching, and dredging.
- 5. Intentional killing or collection of wood turtles (includes eggs, hatchlings, juveniles and adults).

### <u>All projects not listed above are covered under this Broad Incidental Take Authorization if the following measures are followed:</u>

- 1. Project personnel (individuals on site for project purposes rather than for the purpose of looking for turtles) must move any turtles observed on site out of harm's way.
- 2. Only the following herbicides may be used during periods when the turtles could be negatively impacted: 2, 4-D salt at concentrations of 40 ppm or less (2, 4-D ester should not be used), clopyralid (e.g., Transline), Cutrine without a surfactant, diquat (dibromide) at concentrations of 1.0 ppm or less, glyphosate without a surfactant (e.g., Aquaneat), hexazinone (e.g., Velpar), imazapyr (e.g., Arsenal, Chopper), Triclopyr ester and salt concentrations of less than 2.0 ppm. Other herbicides may be approved on a case by case basis by the Endangered Resources Review Program (DNRERReview@wi.gov). Note these herbicide brand names are only provided for reference and are not an endorsement of any specific brand.

### Voluntary Conservation Measures (these are strictly voluntary measures at the discretion of the landowner but would help to conserve this species, wherever possible):

1. For streambank stabilization/rip rap projects, it is recommended that all voids in exposed rock above the Ordinary High Water Mark be filled with soil and seeded with a native seed mix

<sup>1</sup> Consult with the Endangered Resources Review Program (<u>DNRERReview@wi.gov</u>) for more information

Wisconsin Department of Natural Resources

Common Activities BITP/A –General Activities/Wood Turtle (Glyptemys insculpta)

### April 2016

appropriate for the habitat. It is recommended that any riprap not able to be top-dressed with soil and seeded will have the interstitial voids filled with 0.5 to 2.0 inch gravel to ensure that hatchling turtles cannot become entrapped in large voids between rocks.

- 2. It is recommended that activities during the turtle's active season that occur within 100 feet of a suitable wood turtle stream/river take place when 100% of the area is naturally snow covered.
- 3. It is recommended that activities during the turtle's active season that occur greater than 100 feet from a suitable wood turtle stream/river take place at any time of year when 50% or more of the harvest area is naturally snow covered.
- 4. Minimize work within wood turtle upland foraging areas (measured out from a suitable stream/river shoreline).

Dates*	<b>Wood Turtle Upland Foraging Area</b> (Recommend Minimizing Disturbance in These Areas)
Nov 1 - Mar 14	none
Mar 15 – May 14	0-75 m (0-264 ft)
May 15 – Sept 15	0-300 m (0-984 ft)
Sept 16 - Oct 31	0-75 m (0-264 ft)

\*The dates listed can change each year based on annual weather conditions (e.g., cold spring, late snowfall, early frost). These changes will be posted on the DNR website: <u>http://dnr.wi.gov/topic/WildlifeHabitat/Herps.asp#regs</u>.

\*\*Uplands are defined as any area that is not a stream/river (i.e., not overwintering habitat).

- 5. If erosion matting (also known as an erosion control blanket, erosion mat or erosion mesh netting) will be used, the following matting (or something similar) should be installed: Use matting that incorporate a "leno" or "gauze" weave (where strands have independent movement). Ensure the weave is loose and the strands have good mobility. American Excelsior "FibreNet" or "NetFree" products; East Coast Erosion biodegradable jute products; Erosion Tech biodegradable jute products; ErosionControlBlanket.com biodegradable leno weave products; North American Green S75BN, S150BN, SC150BN or C125BN; or Western Excelsior "All Natural" products. *Note these brand names are only provided for reference and are not an endorsement of any specific brand*.
- 6. Nest site creation/restoration/enhancement (if you are interested in this option, please contact a District Ecologist or the Endangered Resources Review Team for more information).
- 7. Invasives clearing from a nesting or foraging area (if you are interested in this option, please contact a District Ecologist or the Endangered Resources Review Team for more information).
- 8. Install culverts under roads with turtle exclusion fencing (if you are interested in this option, please contact a District Ecologist or the Endangered Resources Review Team for more information).

Common Activities BITP/A –General Activities/Wood Turtle (Glyptemys insculpta)

Wisconsin Department of Natural Resources

APPENDIX E-26 2021 NSPW Hayward Project Recreation Report



1414 West Hamilton Avenue PO Box 8 Eau Claire, WI 54702-0008

February 24, 2021

Ms. Cheryl Laatsch Wisconsin DNR N7725 Hwy 28 Horicon, WI 53032

Mr. Nick Utrup U.S. Fish & Wildlife Service 4101 American Boulevard East Bloomington, MN 55425 **VIA Electronic Mail** 

Ms. Angela Tornes National Park Service 626 E. Wisconsin Ave., Suite 400 Milwaukee, WI 53202

Mr. John McCue City of Hayward Public Works P.O. Box 969 Hayward, WI 54843

#### Subject: <u>Recreation Report</u> Hayward Hydro – FERC Project No. 2417

Dear Ms. Laatsch, Ms. Tornes, Mr. Utrup and Mr. McCue:

Enclosed for your review is the 2021 Recreation Report for the Hayward Hydroelectric Project (Project). Pursuant to Article 414 of the Federal Energy Regulatory Commission's license for the Project, Northern States Power Company (licensee), d/b/a Xcel Energy, is required to monitor recreational use every six years to determine whether existing recreation facilities are meeting recreation needs. License Article 414 further directs licensee to allow the agencies 30 days to provide comment on the recreation report.

Please provide any comments you may have by **March 27, 2021**. If I do not hear from you by then, I will assume that you are satisfied with the report and will file it with the Commission accordingly. Should you have any questions, please feel free to contact me at (715) 225-8841 or matthew.j.miller@xcelenergy.com.

Sincerely, Matthew J. Miller Matthew Miller Hydro License Compliance Consultant

Digitally signed by Matthew J. Miller DN: cn=Matthew J. Miller, o=Xcel Energy, ou=Energy Supply, email=matthew.j.miller@xcelenergy.com, c=US Date: 2021.02.24 13:50:15 -06'00'

Enclosure: Hayward Recreation Report

c: Marty Sneen – EA Associates (via e-mail) Scott Crotty, Rob Olson – Xcel Energy (via e-mail) Hayward Project Files



### Recreation Report for the Hayward Hydroelectric Project (FERC Project No. 2417)

Prepared for

Northern States Power Company - Wisconsin d/b/a Xcel Energy P.O. Box 8 Eau Claire, Wisconsin 54702

Prepared by

EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle, Suite 400 Hunt Valley, Maryland 21031 (410) 584-7000

> February 2021 Version: DRAFT EA Project No. 1605201

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### Recreation Report for the Hayward Hydroelectric Project (FERC Project No. 2417)

Prepared for

Northern States Power Company - Wisconsin d/b/a Xcel Energy P.O. Box 8 Eau Claire, Wisconsin 54702

Prepared by

EA Engineering, Science, and Technology, Inc., PBC 225 Schilling Circle, Suite 400 Hunt Valley, Maryland 21031 (410) 584-7000

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### LIST OF ACRONYMS AND ABBREVIATIONS

ADA	Americans with Disabilities Act
COVID-19	Coronavirus Disease 2019
FERC	Federal Energy Regulatory Commission
NPS	National Park Service
WDNR	Wisconsin Department of Natural Resources

### 1. INTRODUCTION

Lake Hayward is a 247-acre impoundment of the Namekagon River located in the City of Hayward, Sawyer County, Wisconsin, (Figure 1-1). Lake Hayward contains 8.64 miles of shoreline, with approximately 11 percent of the lakeshore accessible to the public and the remainder heavily developed . In general, Lake Hayward is a popular summer resort area that receives tourists from around the country. Recreation on Lake Hayward accounts for a small percent of the overall summer recreation that occurs in the Hayward area. Individual homes are located along the shoreline of Lake Hayward and these homeowners also use the lake for recreational opportunities on a regular basis. Lake Hayward is also a popular resort area for winter recreation including snowmobiling and cross-country skiing. Some visitors use Lake Hayward during the winter season for recreation. The American Birkebeiner, a large internationally known cross-country ski race, crosses Lake Hayward. During this event, thousands of skiers cross the lake on one weekend each winter.

The Hayward Hydroelectric Project (FERC Project No. 2417) operates under a 30-year license issued by the Federal Energy Regulatory Commission (FERC). License Article 414 requires that the Licensee (Xcel Energy) monitor recreational use of the Hayward Hydroelectric Project area to determine whether existing recreational facilities are meeting recreational needs. In December 2018, FERC amended their regulations to remove §8.11, eliminating the requirement for licensees to file a Licensed Hydropower Development Recreation Report, designated as FERC Form No. 80 (Form 80). Form 80 solicited information on the use and development of recreational facilities at hydropower projects licensed by the Commission under the Federal Power Act. Therefore, a Recreation Study of Lake Hayward was conducted in 2020 to comply with both the license article and amended FERC regulations.

The goals of the 2020 Lake Hayward Recreation Study were to:

- provide updates on the inventory and condition of the recreational facilities at Lake Hayward;
- estimate the recreational usage on Lake Hayward both as a whole and at specific recreational facilities;
- determine the adequacy of each of the recreational facilities and their ability to meet the current recreational demand; and
- obtain feedback from users on the recreational facilities to help gauge facility adequacy and receive input from the public on recommended improvements to the recreational facilities.

The results of the Hayward Recreation Study are presented in this Recreation Report which includes the following items:

- annual recreation counts based on the data collected in 2013–2014 and the 2020 population and recreation trends;
- a discussion of the adequacy of the Licensee's recreational facilities in the project area to meet recreational demand;
- a description of the methodology used to extrapolate the 2013–2014 data to determine the recreational use of Hayward in 2020; and
- recommendations to accommodate recreational needs in the project area.

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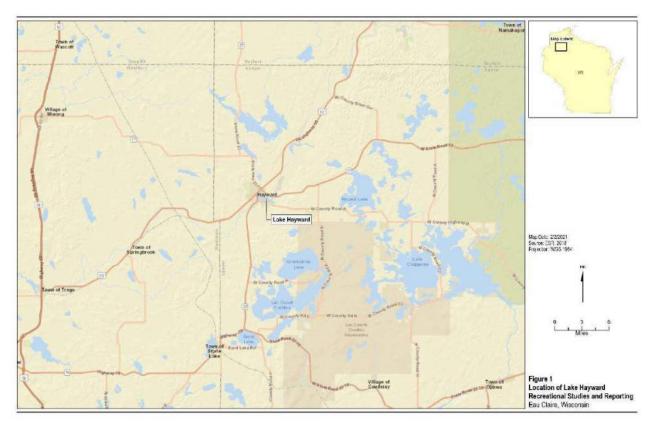


Figure 1-1 Location of Lake Hayward, Hayward, Wisconsin

Sawyer County, Wisconsin

Recreation Report for the Hayward Hydroelectric Project

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### 2. METHODS

This section describes the methods used to collect, summarize, and extrapolate the recreation data for 2020. Each subsection focuses on the different types of data and information collected.

### 2.1 INVENTORY OF FACILITIES

A list and inventory of public and private recreational facilities at Lake Hayward was created using previous recreation studies, maps and aerial images of the area, internet resources, and interviews. Section 3 describes each of the following public recreational facilities in detail:

- Hayward Boat Landing Area
- Hayward Beach and Park Area
- Tailwater Access and Canoe Portage
- Other Access Points.

## 2.2 INTERVIEWS WITH OWNERS AND OPERATORS OF FACILITIES AND OTHER KEY PERSONNEL

Phone interviews with key personnel associated with the recreational facilities on Lake Hayward were conducted during Fall 2020. Interviews were conducted with the hydroelectric project operator and staff from the Wisconsin Department of Natural Resources (WDNR), National Park Service (NPS), and City of Hayward Public Works. The goals of these interviews were to characterize current recreation, assess the adequacy of the facilities, identify any changes that have occurred since the 2013–2014 Recreation Study, and discuss improvements that are planned to take place over the next several years. Details of each interview are contained in Section 4.

### 2.3 COUNTS OF RECREATIONAL USERS

Field surveys or passive counting efforts were not conducted on Lake Hayward in 2020. Instead, estimated counts of recreational users were based on local population change occurring since data were collected during the 2013–2014 Recreation Study. For detailed descriptions of data collection and analysis methodologies used to produce the 2013–2014 Recreation Study, see Great Lakes Environmental Center (2015).

In order to quantify how recreational use of Lake Hayward may have changed between the 2013–2014 study period and the 2020 study period, estimates of population change at the county level were applied to the data reported in the 2013–2014 Recreation Study. Population estimates for three counties were obtained from the U.S. Census Bureau (2020) for the years 2013, 2014, and 2019 (being the most recent year for which estimates are available). Counties selected were Sawyer County, where Lake Hayward is located, and the two neighboring counties nearest to Lake Hayward, i.e., Washburn and Bayfield counties. Population estimates were summed for all counties for the years 2013, 2014, and 2019 (Table 2-1). The tri-county population estimate averaged between years 2013 and 2014 was subtracted from the tri-county 2019 population

estimate to yield the population change across all counties. The percent population change relative to the 2013–2014 average was then applied to the recreational use data reported in the 2013–2014 Recreation Study to produce estimates for recreational use in 2020 (see Section 5).

Table 2-1 Estimated local population change, Lake Hayward tri-county area (2013/2014–
2019)

	Population, 2013	Population, 2014	Average Population, 2013–2014	Population, 2019	Population Change, 2013/14–2019	Population Change (percent)
Sawyer County	16,474	16,357	16,416	16,558	+143	+0.9
Washburn County	15,661	15,658	15,660	15,720	+61	+0.4
Bayfield County	15,113	14,973	15,043	15,036	-7	0.0
All Counties	47,248	46,988	47,118	47,314	+196	+0.4

### 2.4 SELF-REPORTING SURVEYS

A self-reporting survey form was developed to capture detailed information on visitor use and satisfaction of the recreational facilities at Lake Hayward (Figure 2-1). Weatherproof survey boxes that housed the uncompleted blank and completed survey forms were placed at various facilities around Lake Hayward (Figure 2-2). Completed forms were removed by hydroelectric project operators on a regular basis. The goals of the self-reporting surveys were to:

- collect and characterize information about visitors including party size, length of stay, types of recreational activities, and mode of travel;
- collect opinions of the adequacy of recreational facilities at Lake Hayward and obtain suggestions for improvements to any of the facilities or recreational opportunities in general; and
- Determine how Coronavirus Disease 2019 (COVID-19) has influenced visitors' recreational experience.

Data collected were used to support extrapolation of visitor use data and to identify improvements needed in the future. Summary results of the self-reporting surveys can be found in Section 6.

				L	ake H	[aywa	ard R	ecrea	tion	Use S	urvey	For	m		
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	# Days Days Nights	Nights	Jan.	Feb.	Mar.	Ap r.	May	June	July	Aug.	Sep t.	Oct.	Nev.	De	
-	In 2020,	(January											ayw ard	area	is during:
	Weekdays Weekends/holidays (Total should equal 100%) During your recreation visits at Lake Hayward in 2020 (January through December), how many hours on average do you spend <u>each day</u> during the following time periods:														
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	2020 through December 2020 (Total should be equal to 100%). Then on a scale from 1 to 5, rate the status of each facility. If you are unfamiliar with the facility, please leave blank. 1 = Facility is not at all adequate. 5 = Facility is totally adequate. Please provide comments where applicable to the specific facility.														
	Facili	ty						% R Tim	ecreat e	ion R	ating (1	-5) (	Comme	nt	
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Figure 2-1 Lake Hayward Self-Reporting Recreational Use Survey Form

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Figure 2-2 Example of survey boxes installed at select recreational facilities

### 3. DESCRIPTIONS OF RECREATIONAL FACILITIES AT LAKE HAYWARD

Each of the public recreational facilities located on Lake Hayward are described below. Discussions of the use and adequacy of each facility are presented in subsequent sections of this report. Unless otherwise noted by interviewees or survey respondents, the quantity and state of amenities at each facility are assumed to be consistent with the 2013–2014 inventory. Facility locations are depicted in Figure 3-1. Other facilities such as parks, trails, and other recreational areas are present in the general area of Lake Hayward; however, these facilities are not within the study boundary and are not included in this report.

### 3.1 LAKE HAYWARD BOAT LANDING

The City of Hayward owns and maintains Lake Hayward Boat Landing, a single launch boat landing on the west end of the lake. It is the only public landing on the lake and consists of a cement launch with a paved approach but no dock. The adjacent gravel parking lot is large enough to accommodate approximately 15 vehicles with trailers. The City does not charge a fee for the use of this launch and no other amenities are present. The landing is in good condition and is adequate for the light to moderate (and sometimes heavy) use it receives. A light pole situated in the parking area provides lighting during the evening hours. The parking lot, which has recently been regraded and leveled, also serves as overflow parking for users of the beach and park area.

### 3.2 LAKE HAYWARD BEACH AND PARK

The City of Hayward owns Lake Hayward Beach and Park which is located near the boat landing on the west end of the lake. It features a 100-foot sand beach with a designated swimming area, changing rooms, restroom facilities, playground, picnic areas, and shore fishing opportunities. A paved parking lot is provided that can accommodate 24 vehicles [two parking spaces are designated Americans with Disabilities Act (ADA) accessible spaces]. The area also features an ADA-compliant fishing pier that was constructed in Fall 2013 and is very popular with anglers. The area receives moderate to heavy use in the summer and on weekends, with swimming and fishing being the primary activities. Overall, the facility is in good condition and is adequate for the current usage. There is no fee associated with the use of the park or beach.

### 3.3 TAILWATER ACCESS AND CANOE PORTAGE

Xcel Energy owns and maintains the tailwater access and canoe portage area which includes tailwater fishing access on both sides of the river. The canoe portage take-out was refurbished in 2019 and is located just upstream of the spillway along the east shoreline of Lake Hayward. The canoe portage trail, which features good signage, proceeds from the take-out in a southwesterly direction approximately 600 ft. to the downstream put-in location. The portage enables canoeists who are navigating from an upstream location to a downstream location to safely bypass the Hayward Dam. There are no fees associated with the use of this area. No additional amenities are provided and overall, the area is adequate for the moderate but consistent use it receives.

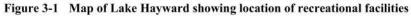
### 3.4 OTHER ACCESS POINTS

The City of Hayward owns one unimproved access to the lake on the north-central portion of Lake Hayward. The access is open to the public, but not commonly used as there are no signs that indicate its location.

There is one additional access point to the lake located off of a local road, Chippewa Trail, that is popular with anglers in the winter who want to walk out on to Bartz's Bay to ice fish. This access is an unimproved trail located on private land (essentially between two residential lots). Users park along Chippewa Trail which causes occasional traffic congestion.

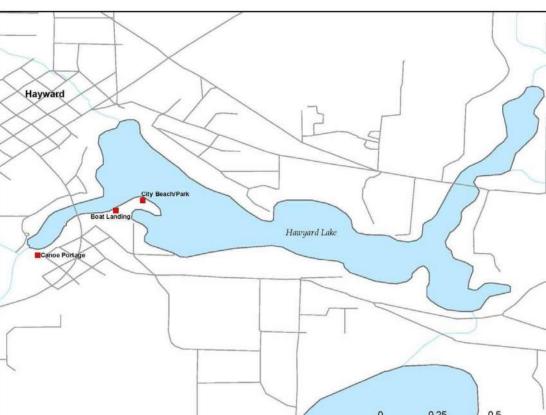
EA Project No.: 1605201 Version: DRAFT Page 3-3 February 2021

Hayward City Beach/Park Boat Landing Hawyard Lake Canoe Portage AN 0.5 Miles 0.25 0



Sawyer County, Wisconsin

Recreation Report for the Hayward Hydroelectric Project



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### 4. SUMMARIES OF INTERVIEWS WITH KEY PERSONNEL

This section provides a brief summary of the interviews with owners/operators of recreational facilities and other key personnel that have detailed knowledge of the recreational facilities and opportunities on Lake Hayward.

### 4.1 CHRIS ROMPORTL – NPS

Mr. Chris Romportl has been with NPS for 18 years, and he primarily works on the Namekagon River out of Trego, Wisconsin. Since Lake Hayward is not under the responsibility of NPS, Mr. Romportl does not visit the boat landing or beach park as part of his routine activities. While he says his personal observations suggest that there has been increased recreational activity on Lake Hayward, he cannot validate that statement. He confirmed that the American Birkebeiner crosses Lake Hayward in normal years but the past year has been different and he is not sure how it will be handled this year due to COVID-19.

Regarding the Tailwater Access and Canoe Portage, he confirmed there is no fee, that there have been no updates to facilities, and that the area remains lightly used. However, there is an increasing number of outfitters using this access point and he expects that could increase beyond light use in the near future. The signage at the site is faded as of last year and could potentially need replacing.

### 4.2 MAX WOLTER – WDNR

Mr. Max Wolter is a fisheries biologist who has been working with the WDNR for 8 years and has a total of 20 years' experience. Over the past 5 years, Mr. Wolter stated that recreation has increased at Lake Hayward especially for canoeing and kayaking. Year-round fishing occurs with more use on the weekends, although there is still plenty of fishing during the weekdays. The months of May and June are peak fishing months at Lake Hayward. Overall, boating has the highest use, followed by fishing and swimming. The American Birkebeiner is still being planned to cross Lake Hayward.

The Hayward Boat Landing and parking lot is a free launch in average condition. There are potholes throughout the parking area. There are plans to construct a dock if a grant from Xcel Energy becomes available. The Hayward Beach and Park is a popular area in the spring and summer and use is moderate to heavy in the summer for swimming. An ADA-accessible fishing area was added to the site in 2014. The Tailwater Access and Canoe Portage is an area owned and maintained by Xcel Energy. Use of the area for fishing and canoe portage is considered to be light, but consistent. The access area owned by the City of Hayward on the north-central portion of Lake Hayward is still there but is not commonly used. The access point off of the Chippewa Trail is still common with anglers in the winter. Parking along the Chippewa Trail can be problematic. Visitors walk out on Bartz's Bay Ice Access to icefish.

### 4.3 RICKY REICHERT – XCEL ENERGY

Mr. Ricky Reichert is a hydroelectric operator for Xcel Energy and is responsible for maintaining its recreational facilities. Overall, Mr. Reichert feels that use of Lake Hayward has been consistent with previous years. Recreational fishing, boating, and canoeing/kayaking are the most popular activities. Weekends and evenings are the busiest times for recreation at Lake Hayward. The canoe portage receives moderate, but consistent use. The canoe take-out was refurbished in 2019 to include steps, which now makes it easier for canoers and kayakers to exit the lake.

The City of Hayward boat landing and parking lot are free for users. The light pole on the parking lot provides sufficient lighting in the evening. The overall condition of the landing and parking lot is good and the area receives light to moderate use. The Hayward Beach and Park is free to users and receives moderate to heavy use on the weekends. Fishing in this area is popular.

### 4.4 JOHN MCCUE – CITY OF HAYWARD PUBLIC WORKS

Mr. John McCue has been the Director of Public Works for the City of Hayward for 16 years. He oversees the water, sewer, parks, and streets. He stated that the overall use of Lake Hayward has slightly increased or has stayed the same. Since COVID-19, fishing has become more popular. Swimming, water skiing, and jet skiing are also popular. The American Birkebeiner was held this year, but it will not be held next year.

WDNR installed a fishing pier in 2013 at the Hayward Beach and Park. The facility is accessible by driving from the beach or from a walkable pier/bridge that was rebuilt with wood. The pier is a floating structure made of plastic and aluminum, is ADA compliant, and in excellent condition. Fishing, including ice fishing, is popular in this area. There is heavier use during the summer between Memorial Day and Labor Day.

There is a need for a boat dock at the Hayward Boat Landing, as visitors who are alone need to beach their boat after launching in order to park their vehicle. WDNR has applied for a grant to install a dock. The parking lot has been regraded and leveled. There is one overhead streetlight that provides sufficient lighting in the evening. The landing receives moderate use.

### 4.5 AARON KOSHATKA – WDNR

Mr. Aaron Koshatka has been a Conservation Warden with WDNR since 2018. He has worked at Lake Hayward since January 2019. Mr. Koshatka stated that overall, there has been an increase in fishing, pontoon boating, and paddle boarding on the lake. The lake is least used for ice fishing. The American Birkebeiner crossed Lake Hayward this year, however, it may not in 2021 due to impacts from COVID-19. In general, recreational use becomes busy the last few weeks of April and continues through the summer. Weekends and holidays receive the heaviest use, however; this year's use was heavy nearly every day that had good weather.

The Hayward Boat Landing is in good condition and receives moderate to occasional heavy use. The Hayward Beach and Park also receives moderate to heavy use and is a very popular fishing area. The foot access to Bartz's Bay is also popular with anglers seeking to ice fish this area of the lake.

### 5. RECREATIONAL USE ESTIMATES

For the 2013–2014 Recreation Study, daytime recreational use estimates were extrapolated from multiple sources including a WDNR creel survey, trail counter, and event registration. Use estimates are in "recreation days" which is defined as each visit by a person to a development (e.g., facility) for recreational purposes during any portion of a 24-hour period. These methods do not account for recreational use on the lake that is not associated with a monitored facility or controlled site (i.e., residents or users of other unmonitored areas); therefore, recreational use extrapolations do not refer to the total use occurring on the lake itself, just at the monitored facilities. Use estimates for Lake Hayward were generated for daytime use only, due to the lack of any overnight use facilities (campgrounds, hotels, etc.).

In 2020, fieldwork did not involve replicating the data collection methods used in 2013 and 2014. Instead, in order to report daytime use values across Lake Hayward facilities, months and days of the week estimates were extrapolated from the data reported in the 2013–2014 Recreation Study. The use values were based on local population change estimates from the U.S. Census Bureau (see Methods in Section 2).

Total annual daytime use for the study period was estimated at 20,441 recreation days, representing an increase of 85 recreation days above the value reported for 2013–2014 (Table 5-1). Facility use is estimated to range from 279 recreation days at the Bartz's Bay Ice Access (up by 1 since 2013–2014), to 8,615 recreation days at Hayward Beach/Park (an increase of 36 days since 2013–2014). Monthly use across all facilities is estimated to range from 0 recreation days in April (unchanged since 2013–2014) to 7,892 recreation days in February (an increase of 33 days since 2013–2014) (Table 5-1).

During the summer months, the average number of recreation days (i.e., visitors) was estimated at 68 per weekday, 94 per day on weekends, and 135 per day on peak weekends (Table 5-2). These estimates represent a slight increase in recreation days only on peak weekends. Highest day-use on weekdays was in summer (i.e., June) while weekend use was highest in winter (i.e., February) and peak use varied throughout summer (Figure 5-1). During the winter months, the average number of recreation days (i.e., visitors) was estimated at 29 per weekday, 120 per day on weekends, and 135 per day on peak weekends (Table 5-2). These estimates represent a slight increase in recreation days on weekends and peak weekends.

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#### Table 5-1 Estimated count for daytime recreational use (in recreation days), Lake Hayward (January–December 2020)

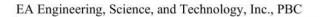
Month	Hayward Boat Landing Area	Hayward Beach/Park Area	ADA Fishing Pier and Adjacent Shore	Bartz's Bay Ice Access	Tailrace Area	Canoe Portage Area	Cross Country Ski Races	Total by Month
January	0	7	0	74	0	0	0	81
February	0	12	0	30	0	0	7,850	7,892
March	0	7	0	72	0	0	0	79
April	0	0	0	0	0	0	0	0
May	182	508	308	0	189	70	0	1,257
June	175	3,883	386	0	253	59	0	4,756
July	295	2,202	341	0	221	24	0	3,084
August	175	1,577	285	0	156	108	0	2,301
September	113	263	86	0	92	30	0	585
October	42	121	27	0	58	20	0	268
November	0	13	0	0	0	0	0	13
December	0	22	0	102	0	0	0	125
Total by Facility	982	8,615	1,434	279	969	312	7,850	20,441

Sawyer County, Wisconsin

Recreation Report for the Hayward Hydroelectric Project

	(January-Dec	ember 2020)	
	Weekdays	Weekends	Peak Weekends
Summer Months			25- 703
May	706	220	331
June	2,857	1,899	
July	1,724	710	651
August	1,581	553	166
September	329	190	66
TOTAL	7,197	3,572	1,214
# of Days	106	38	9
Average per Day	68	94	135
Winter Months		20	
January	33	48	-
February	18	7,874	-
March	6	73	<u>-</u>
April	0	0	- F
October	195	73	
November	12	1	
December	45	79	-
TOTAL	309	8,149	
# of Days	153	60	-
Average per Day	2	136	N/A
Year			
TOTAL	7,506	11,721	1,214
# of Days	259	98	9
Average per Day	29	120	135

# Table 5-2 Estimated recreation days by type of day, Lake Hayward (January–December 2020)



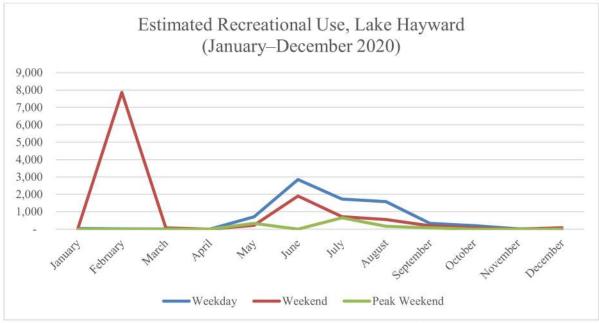


Figure 5-1 Recreational use estimates in recreation days, Lake Hayward (January–December 2020)

### 6. RESULTS OF SELF-REPORTING SURVEYS

Only one survey was submitted and collected during the course of the study. The submitted survey was completed in its entirety. Survey boxes were located in three places throughout the Lake Hayward area: Hayward Boat Landing, Hayward Beach, and Hayward Canoe Portage.

### 6.1 **POPULAR ACTIVITIES**

The survey asked respondents to list up to five activities they usually participate in at Lake Hayward. The lone respondent indicated that shoreline fishing, swimming, picnicking, playgrounds, and relaxing are his/her top activities at Lake Hayward.

### 6.2 VISITOR SATISFACTION

Overall, the sole respondent was satisfied with the recreational facilities at Lake Hayward, which the survey form listed as:

- Hayward Boat Landing Area
- Hayward Beach/Park Area
- Tailrace Area
- Canoe Portage Area.

The sole respondent rated two facilities and Lake Hayward as a whole (Table 6-1).

# Table 6-1 Ratings of recreational facilities (on a scale of 1 to 5) and overall recreational experiences (on a scale of 1 to 10), Lake Hayward (January–December 2020) (n = 1)

	Hayward Boat Landing Area	Hayward Beach/ Park Area	Tailrace Area	Canoe Portage Area	OVERALL RECREATIONAL EXPERIENCES
Respondent Rating	4	5	n/a	n/a	9

The sole survey respondent provided a comment regarding the facilities at Hayward Beach (Table 6-2).

Table 6-2 General visitor comments,	Lake Hayward (	(January–December	2020)
-------------------------------------	----------------	-------------------	-------

Comment	Topic	Topic 2
The wood chips at the playground area at Hayward Beach are very dangerous. They cut the kids' feet. Please, please change it!!	Facility	Safety

### 6.3 **REPORTED RECREATIONAL USE**

Respondents were asked to provide information on how they usually travel to Lake Hayward. Of the listed options, the sole respondent reported arriving 100 percent of the time by car/truck.

The sole respondent indicated what proportion of his/her time at Lake Hayward was spent at any of the four listed recreational facilities (Table 6-3).

Table 6-3 Percent of recreation time (0- 100%) spent at facilities, Lake Hayward	
(January–December 2020) $(n = 1)$	

	Hayward Boat Landing Area	Hayward Beach/ Park Area	Tailrace Area	Canoe Portage Area
Percent of total time	95%	5%	0%	0%

Respondents were asked to provide estimates of their time spent throughout 2020 at Lake Hayward in general, broken down by month, day vs. night, weekdays vs. weekend days and holidays, and time of day.

The sole respondent provided the number of days and nights spent at Lake Hayward each month (Table 6-4). In general, daytime use is more popular than nighttime use, and the sole respondent spends more days per month at Lake Hayward in the summer (May through September) than in the winter (January through April, and October through December). Throughout the year, the sole respondent reports visiting Lake Hayward a total of 195 days and 95 nights.

Table 6-4 Average number of days and nights spent recreating, Lake Hayward(January–December 2020) (n = 1)

	Days	Nights
Summer Months		1
May	20	10
June	20	10
July	20	10
August	20	10
September	20	10
Summer Monthly Average	20	10
Winter Months		
January	10	5
February	10	5
March	15	5
April	20	10
October	20	10
November	10	5
December	10	5
Winter Monthly Average	13.6	6.4
Year		
2020 Annual Total	195	95

The sole respondent reported spending 75 percent of his/her time at Lake Hayward during weekdays, and 25 percent during weekends or holidays.

Respondents were asked to report the number of hours typically spent at Lake Hayward during listed time periods. The sole respondent recorded hours between 10 AM and 10 PM (Table 6-5).

# Table 6-5 Average number of hours spent at Lake Hayward during listed time periods (January–December 2020) (n = 1)

	(oundary	Decembe		/	
4	6 AM to 10 AM	10 AM to 2 PM	2 PM to 6 PM	6 PM to 10 PM	10 PM to 6 AM
Hours Reported	0	4	3	1	0

Survey respondents were asked to provide estimates of the average length of stay while recreating at Lake Hayward, as well as estimates of average party size. The sole respondent reported spending 4 hours at Lake Hayward with an average party size of 5 people.

Finally, the survey form asked respondents whether the COVID-19 pandemic changed their 2020 usage of the Lake Hayward recreational areas. The sole respondent indicated that the pandemic has increased his/her usage.

### 7. DISCUSSION OF ADEQUACY OF CURRENT FACILITIES

Overall, the Lake Hayward area offers a sufficient amount of recreational opportunities for both land and water-based activities. The recreational facilities, while limited in number, are in good condition and receive regular maintenance and upgrades when required. The number and size/capacity of the facilities appear sufficient to accommodate the current amount of use on all but the busiest of days.

Recreational use at a minimum has remained consistent and apparently increased gradually over the past 5 years. Estimated total recreational use throughout 2020 is 20,441 recreation days (Table 5-1); however, this count, which is based on population growth, may underestimate the acute visitor pressure exerted on Lake Hayward facilities during the COVID-19 pandemic. One person interviewed remarked that Lake Hayward received high recreational use nearly every fairweather day in 2020.

Based on survey responses and personnel interviews, recreational facilities at Lake Hayward may be considered adequate for meeting the recreational demand of the community. When rating recreational experience at Lake Hayward in general, the sole survey respondent in 2020 gave a positive rating of 9 out of 10 (Table 6-2). Personnel interviewed commented on the average-to-excellent condition of the amenities at Lake Hayward's recreational facilities. New and updated amenities include a new dock at Hayward Beach and Park and the refurbished take-out at the Canoe Portage. Lighting at the Hayward Boat Landing and parking lot is considered sufficient. Recreational use of the Canoe Portage area remains moderate; however, an increase in use by outfitters has been observed.

Recreational use at Lake Hayward is most concentrated in the evening hours and on weekends. The average number of visitors per day in 2020 was estimated to be 29 on weekdays, 120 on weekends, and 135 on peak weekends (Table 5-2). Personnel associated with Lake Hayward recreational facilities indicated that Hayward Beach and Park and the Hayward Boat Landing remain popular facilities. All facilities at Lake Hayward provide opportunities for recreation that are well suited to social distancing. Personnel observed that fishing, pontoon boating, paddle boarding, canoeing, and kayaking have increased in recent years and/or in 2020. Swimming, water skiing, and jet skiing are likewise popular activities. Fishing occurs year-round; however, this activity is more popular in May and June than in the winter.

While the recreational facilities at Lake Hayward are generally considered adequate, there are possible areas for improvement. The sole survey respondent criticized the quality and safety of the playground area at Hayward Beach. The Hayward Boat Landing may benefit from a boat dock to facilitate use by individual boaters. Finally, the Tailwater Access and Canoe Portage areas could use new signs.

### 8. RECOMMENDATIONS FOR FUTURE USE

Based on the results of this Recreation Study, including the evaluation of existing facilities and discussions with key personnel associated with Lake Hayward, the following actions are recommended. Please note that these recommendations are solely the opinion of the author(s) and do not necessarily reflect those of Xcel Energy, the applicable resource agencies, or any of the organizations/persons referenced in this report.

### City of Hayward

- Consider adding a dock to the Hayward Boat Landing to make loading and unloading boats easier.
- Consider adding signage at Hayward Beach and Park recommending safe practices for use of the playground.
- Evaluate the condition of parking lots, especially regarding potholes, and consider enhanced maintenance.
- Consider adding signage that indicates the location of the north-central lake access point.
- Evaluate the traffic congestion caused by lake users parking on Chippewa Trail and consider providing designated parking areas.

### **Xcel Energy**

• Evaluate the condition of signage at the Tailwater Access and Canoe Portage areas and consider replacing.

## 9. REFERENCES

- Great Lakes Environmental Center. 2015. Recreation Report for the Hayward Hydroelectric Project (FERC Project No. 2417). Prepared for Xcel Energy. Traverse City, Michigan. June. 28 pp.
- U.S. Census Bureau. 2020. *County Population Totals: 2010-2019*. Available online: <u>https://www.census.gov/data/datasets/time-series/demo/popest/2010s-counties-total.html</u>. Accessed on 2 February 2021.

Appendix A

**Agency Correspondence (pending)** 

APPENDIX E-27 Sawyer County Plan for Outdoor Recreation

# A PLAN FOR OUTDOOR RECREATION

# SAWYER COUNTY, WISCONSIN

# 2021-2025

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## Introduction

The primary purpose of this recreation plan is to provide continued direction toward meeting the current and future recreation needs of Sawyer County. This is accomplished by investigating Sawyer County's existing outdoor recreational resources, studying population trends, anticipating future demands, and developing guidelines and recommendations for public outdoor recreation facilities. These comments and suggestions are intended as guides for the County and its municipalities.

## **Objectives**

- Meet existing as well as the foreseeable future recreational needs of Sawyer County residents and visitors.
- Maintain quality recreation areas while protecting Sawyer County's natural and scenic resources.
- Provide and improve the aesthetic and environmental values of the county's resources through acquisition, easements, zoning and other legislation, and to provide educational programs.
- Identify and preserve sites having scientific, historic, architectural or archeological significance.
- Consider this plan a program for development of year-round recreational facilities which will provide opportunities for all citizens and visitors.
- Encourage the efforts of municipalities to provide "community" recreation facilities such as ball fields, playgrounds, tennis courts etc.
- Encourage private development of quality recreational areas.
- Provide recreational opportunities for people with disabilities whenever feasible and environmentally possible.
- Develop coordinated countywide recreational trail systems.

## Background

### **Population**

Sawyer County, the 5<sup>th</sup> largest county in land area in the state, had a 2010 population of 16,557 according to census data, which is approximately 0.3 percent of the total state population. Overall, Sawyer County population trends do not reflect recreational activity in the county as overnight visitors and second homeowners account for a substantial recreation use. Based on 2010 census data, 50.6 % of homes within the county are second homes designated as seasonal or for recreational use.

Municipality	1980 CENSUS	1990 CENSUS	2000 CENSUS	2010 CENSUS	CHANGE 1980- 2010	PERCENT CHANGE
Town of Bass Lake	1,288	1,717	2,244	2,483	1,195	48%
Town of Couderay	394	386	469	479	85	18%
Town of Draper	242	208	171	208	-34	-16%
Town of Edgewater	441	509	586	640	199	31%
Town of Hayward	2,331	3,017	3,279	3,601	1,270	35%
Town of Hunter	594	557	765	841	247	29%
Town of Lenroot	926	966	1,165	1,349	423	31%
Town of Meadowbrook	202	192	146	155	-47	-30%
Town of Meteor	105	111	170	183	78	43%
Town of Ojibwa	264	250	267	327	63	19%
Town of Radisson	394	412	465	480	86	18%
Town of Round Lake	786	727	962	1,115	329	30%
Town of Sand Lake	768	821	774	885	117	13%
Town of Spider Lake	331	362	391	419	88	21%
Town of Weirgor	386	356	370	424	38	9%
Town of Winter	704	801	969	1,135	431	38%
Village of Couderay	114	92	96	94	-20	-21%
Village of Exeland	219	180	212	206	-13	-6%
Village of Radisson	280	237	222	218	-62	-28%
Village of Winter	376	383	344	353	-23	-7%
City of Hayward	1,698	1,897	2,129	2,340	642	27%

Population Trends in Sawyer County (1980-2010)

#### Landscape Characteristics

Sawyer County is geographically located in the northwest corner of the state in what could be defined as the "Northwoods" region of Wisconsin. The County lies primarily within the North Central Forest physiographic region of Wisconsin. The topography of the county has glacial origin, glaciers eroded hilltops and filled valleys, thus reducing relief resulting in a topography best described as an undulating plain dissected by many lakes, rivers, and streams. The northeastern corner of the County is quite hilly and the southwestern corner contains many high quartzite ridges. The highest elevation (1800 feet) occurs at Meteor Hill with the "Blue Hills" region of southern Sawyer County. The terrain in the southeastern portion of the County is generally considered flat.

### <u>Climate</u>

The climate of Sawyer County is classified as continental with an average annual temperature of 42.5 degrees Fahrenheit according to the Hayward Ranger Station weather station. The winters are long, cold and snowy, while summers are relatively short and warm with only brief periods of hot, humid weather. Springs and falls are often short and mixtures of both summer and winter. Mean temperatures drop below freezing in mid-November and freeze up of lakes follows soon after. The average annual precipitation in Hayward is 31.67 inches, snowfall averages between 60 and 70 inches per year. The growing season averages about 120 days with the date of the last killing frost ranging from mid-May to mid-June.

#### Land-use

Sawyer County encompasses 863,859 acres with the greatest percentage of the county being rural and semi-wilderness in nature. Over 38% of Sawyer County's land base is under some form of public ownership or management. Public lands are prevalent across much of the northern and eastern areas of the county. Sawyer County has 115,197 acres in county forest lands.

The federal government owns and manages 126,728 acres of land in Sawyer County. The largest federal holding is the Chequamegon-Nicolet National Forest (CNNF). There are currently 123,805 acres of National Forest System lands within Sawyer County. The National Park Service (NPS) also owns and manages 2,922 acres of land within the Saint Croix National Scenic Riverway.

The State of Wisconsin owns and manages 81,719 acres of land within Sawyer County, the largest contiguous state holding is the Flambeau River State Forest which manages 64,707 acres. Approximately 14,000 acres of state-owned lands are adjacent to the Chippewa Flowage, the largest wilderness lake in Wisconsin. Numerous state-owned islands are located within the flowage, the remaining approximately 3,000 acres of state land is comprised of state wildlife and fishery areas and recreational trails.

Nearly two-thirds of the landscape of Sawyer County is covered by forestlands while open water and wetlands cover nearly one-third, less than six percent of the landscape is considered cropland or developed areas.

#### <u>Soils</u>

The soils of Sawyer County are primarily upland and outwash from glacial drift, generally acidic in nature. The sandy soils occur along the Namekagon River, Lac Courte Oreilles, Round and Grindstone Lakes region. More organic soils, including silt loams and peats are found in much of the eastern half of the County.

## **Supply of Existing Recreation Resources**

### Introduction

In 2020, all of the major recreational facilities and resources in Sawyer County were inventoried to determine the types and numbers of recreational areas and facilities available for public use. From this inventory, it was determined that Sawyer County has an extensive base of recreational resources and facilities.

### WATER BASED ACTIVITIES

### Fishery Resources

Many of the surface waters in Sawyer County provide excellent fishing opportunities. Of the 550 named and unnamed lakes in the county, 220 lakes with an area of 53,716 aces have game and panfish populations. The remaining 330 lakes with an area of 3,127 acres have no fish or only minnow populations. The lakes are further classified in Table 2 by the number of lakes and their total acreage where each game and panfish species occur.

There are also nearly 690 miles of perennial streams and rivers in the county, including 265 miles of trout stream which are also important to the county's fishery resources.

Table 2. Lake Fishery Resources in Sawyer County					
Fish Species	Occurrence (number of lakes)	Acres			
Muskellunge	67	42,093			
Walleye	82	49,568			
Northern Pike	76	43,365			
Largemouth Bass	170	52,560			
Smallmouth Bass	53	44,693			
Panfish	194	53,619			
Trout Lakes and Springs	37	1,527			
Minnow only, or none	330	3,127			

### **Boating**

There are 15 natural lakes and impoundments of over 500 acres in size that offer a total of 40,235 acres of surface water. There are an additional 20 lakes between 200 and 500 acres providing another 6,075 acres of surface water to the boater. Altogether these 35 lakes account for 81 percent of all the surface water (46,310 acres) in the county. The largest of these lakes are the Chippewa Flowage, Lac Courte Oreilles, Round, Grindstone, Nelson, Chetac, Moose, Lost Land, Spider, Teal, Sand, Tiger Cat, Sissabagama, Whitefish, and Windigo. Boating

is available on a number of the other named lakes and flowages throughout the county, depending on access and some lakes may have local restrictions on speeds and water skiing.

Of the 35 lakes over 200 acres, thirty have one or more public access points.

### Canoeing-Kayaking-Paddle Sports

Sawyer County contains a large number of paddling rivers, many of them are often categorized as the best in the Midwest. Fourteen different rivers lend themselves to a variety of paddling experiences with a total mileage of approximately 268 miles. Rivers and mileage are shown in table 3. Access is good and varies from developed landing sites to more rustic bridge put-ins. The numerous area lakes and flowages also offers paddling opportunities.

Table 3. Canoeing/Kayaking Rivers in Sawyer County		
River Name	Length (miles)	
Brunet River	40	
Chief River	6.1	
Chippewa River	27.1	
Couderay River	16.3	
East Fork Chippewa River	17	
Moose River	10.1	
Namekagon River	26.7	
North Fork Flambeau River	32.8	
South Fork Flambeau River	7.7	
Teal River	4.1	
Thornapple River	39.3	
Torch River	3	
Totogatic River	11.2	
West Fork Chippewa River	27.4	
Total Miles	268.8	

### Swimming Areas

Sawyer County has many lakes which provide excellent sand beaches for swimming. Both developed and undeveloped sites located in the county. Table 4 lists the developed swimming areas and location. Other lakes may also have boat access, privately owned beaches, or road rights-of-way where public swimming may be permitted.

Table 4. Developed Swimming Areas in Sawyer County		
Name	Ownership	Location
Round Lake Peninsula Beach	Town of Hayward	Northwest
Smith Lake	Town of Lenroot	Northwest
Silverthorn Lake	Town of Lenroot	Northwest
Hayward Beach	City of Hayward	Northwest
Conners Lake	Flambeau River State Forest	Southeast
Black Lake	Chequamegon-Nicolet National Forest	Northeast
Moose Lake	Chequamegon-Nicolet National Forest	Northeast

### LAND BASED ACTIVITIES

### Camping

Camping on the county forest is permitted in many areas, in general, most of the forest is open to camping with a tent, trailer, truck camper or other camping shelter for a period not to exceed ten days. A camping permit is required for a per night fee. A large percentage of campers on the county forest are hunters during the gun hunting deer season. At this time, there are no designated campgrounds on Sawyer County Forest Lands.

The Flambeau River State Forest offers two family campgrounds, primitive canoe sites along the Flambeau River and an ADA accessible yurt. The Lake of the Pines Campground has a total of 30 sites, all non-electric and there are no ADA designated sites. Connors Lake Campground has 29 sites with two ADA designated sites, 4 sites have electric service. There are also 12 primitive canoe campsites along the Flambeau River within Sawyer County. Each landing provides room for one to three individual campsites and includes a picnic table, fire ring and pit toilet.

The Chippewa Flowage contains 18 primitive island campsites. Each public campsite is marked with a sign and has a fire ring, picnic table and open-air box latrines. All campsites are accessible by water only. Of the 18 total campsites on the flowage, 11 are on WDNR owned islands, one is on an island under Chequamegon-Nicolet National Forest ownership and the remaining 6 are on Lac Courte Oreilles Tribal ownership and are managed be the Lac Courte Oreilles Conservation Department.

The St. Croix National Scenic Riverway provides 11 different primitive shoreline campsites along the Namekagon River.

The Chequamegon-Nicolet National Forest offers camping facilities at two campground recreation areas. Black Lake Recreation Area provides 29 sites on Black Lake. All campsites provide a hardened parking area, picnic table, and fire ring. Some sites can accommodate a 45-foot trailer. Moose Lake Recreation Area offers 15 campsites, 3 of which are tent only, the rest

can accommodate RV's from 25-45 feet. Each site is equipped with a parking spur, picnic table and campfire rings.

Several Towns in Sawyer County also offer campground facilities. The Town of Ojibwa provides camping at Ojibwa Park. The park has 16 camper sites and 3 tent sites. The park is bordered by the Chippewa River and the Tuscobia State Trail. An RV dump station, drinking water, and pit toilets are available. The Town of Draper has a tent and RV campground located off the Tuscobia Trail. The sites are level and graveled, have fire rings and picnic tables. Electric service is available for each site. The Town of Radisson provides camping along the Couderay River.

Other private campgrounds are distributed throughout the county with a variety of camping amenities and densities, there is a growing demand in recent years for seasonal campsite rentals with many sites in private campgrounds being occupied by the same campers all season long.

### Picnic Areas-Day Use Parks

Sawyer County has many picnic and day use area parks distributed throughout the county, county, state, federal, township and villages all provide day use areas with multiple amenities and facilities available.

### Nature Study and Hiking Trails

There are many suitable areas for nature study and hiking within the county. Among the designated trails are:

- Uhrenholdt Memorial Forest, 1.8 miles of trail through WDNR forest management demonstration area.
- Ojibwa Park Trails, 1-mile Turkey Feather Nature Trail. Also, a 1.5-mile skiing/hiking trail.
- Town of Hayward County Hill Recreational Forest Trails
- Sawyer County Forest Green Lake/Little Sissabagama non-motorized trail, 2.5 miles.
- Mino-giizhigad Trail, WDNR trail located east of the CC North Boat Landing.
- Moss Creek-Hay Creek skiing/hiking trails on WDNR land on the north side of the Chippewa Flowage, 2.0 miles.
- Hatchery Creek Park Nature Trail
- Lynch Creek State Wildlife Area, ¼ mile interpretive nature trail.

### **Bicycling- Mountain Biking**

Sawyer County offers a wide variety of biking opportunities. From paved county and town roads, paved bike paths, to excellent trail riding mountain biking.

There are no marked or signed bike routes for road touring within Sawyer County, there are, however, many paved county and town roads that offer excellent low traffic routes. A map for Sawyer County designating road and highways as routes for bicycle travel is available from the Wisconsin Department of Transportation at <u>https://wisconsindot.gov/Pages/travel/bike/bike-maps/county.aspx</u>

The City of Hayward provides a 6.6-mile paved bike path and connecting road routes. The path is slightly sloped, is separated from traffic and has safety signals at road crossings. A map can be viewed at <u>https://cityofhaywardwi.gov/wp-content/uploads/bike-trail.jpg</u>

There are great trail and off-road biking opportunities in Sawyer County on public lands. The Sawyer County Forest, Chequamegon-Nicolet National Forest, and Hayward Area Memorial Hospital provide miles of trails, including winter fat biking opportunities. The trail system was developed, built, marked, mapped and maintained by the Chequamegon Area mountain Bike Association (CAMBA). It provides a diverse, beginner to expert variety of mountain biking trails and includes approximately 41.5 miles of singletrack trails, 46-miles of winter Fat Bike trails, over 220 miles of gravel road and two-track road routes throughout Sawyer County. Additionally, built in 2016 the Hatchery Creek Bike Park located at Sawyer County Forest Hatchery Creek Park is a popular facility among CAMBA's trail and riding experiences. The bike park includes a pump track, singletrack climbing trail and two descending lines: a jump line and a flow line. The bike park also includes a skills area designed to accommodate beginner, intermediate and more advanced riders. Features include: rock gardens, skinnies, drops, benchcut singletrack, teeter-totters, log lifts/ride-overs, and ladder bridges. Maps can be viewed for Sawyer County mountain bike and fat bike opportunities at the CAMBA website: https://cambatrails.org/trails/

### ATV/UTV Trails

ATV/UTV (All terrain vehicle/ Utility terrain vehicle) is a popular activity that continues to grow throughout the county. Trail systems are provided for on the Sawyer County Forest, Chequamegon-Nicolet National Forest (CNNF), Flambeau River State Forest (FRSF), Tuscobia State Trail, and some private landowners within Sawyer County. Sawyer County currently manages 150.4 miles of summer use state funded trails which includes the Tuscobia State Trail and trails on the CNNF in cooperation with the Sawyer County Snowmobile and ATV Alliance which is the primary contract holder for all maintenance and grooming. There are approximately 25-miles of additional trail available on the FRSF as well as on the Lac Courte Oreilles Tribal Lands. There is also 149.8 miles of winter use ATV trails available in the county.

In 2012, the State of Wisconsin established a permanent program for UTV's, also known as sideby-sides, are allowed on all ATV trails managed by Sawyer County. These vehicles have been increasing in popularity every year.

### Snowmobile Trails

Sawyer County has one of the best snowmobile trail networks in the Midwest. The trail system has over 600 miles of groomed trails which includes 383.2 miles of state funded trails under the management of Sawyer County. This system is part of the statewide network of snowmobile trails which links Sawyer County with adjoining counties as well as the rest of the state. The County has a single contract with the Sawyer County Snowmobile and ATV Alliance to maintain the state-funded trails. The Alliance is very dedicated to keeping the trails in good condition.

The Sawyer County Snowmobile and ATV Alliance is a non-profit corporation made up of 11 snowmobile and ATV clubs within Sawyer County. The purpose of the Alliance is to help create and maintain some of the best ATV/Snowmobile trails around.

A link to the snowmobile and ATV trails within Sawyer County can be found at:

### https://sawyercountyalliance.com/sawyer-county-snowmobile-atv-trail-maps/

### Cross-Country Skiing

There are extensive cross-country ski trails and associated facilities throughout Sawyer County. The American Birkebeiner Ski Trail includes trails from the north county line of Sawyer County to Highway 77 just outside of hayward, which covers 32.5 miles of the original trail as well as the more recent addition of the classical trail which runs from the county line to the double OO trailhead facility. Facilities and trailheads associated with the birkie trail include Fish Hatchery Park- with parking, drinking water, pit toilet, warming building. Mosquito Brook – with parking, warming building, drinking water. Double "OO" Trailhead Building – with parking, indoor bathrooms and gathering area, and drinking water. Boedecker Trailhead – with warming building, parking, and drinking water. Firetower – Warming building, limited parking, drinking water.

Several loop trails are available at Hatchery Creek Park, Hayward Area Memorial Hospital Trails, Mukwonago Ski trail on CNNF, Seeley Hills Ski trail on Sawyer County Forest, Town of Hayward Recreational Forest Trail, Flambeau Hills Ski Trail on FRSF and the Turkey Feather Ski Trail in Ojibwa Park.

Lighted ski trails are also located at the "OO" trail facility on the Birkie Trail and at the Hatchery Creek Park.

### **Snowshoeing**

Anywhere hiking is permitted in the county snowshoeing is also possible. The CAMBA single track trails at Hatchery Creek Park are a designated snowshoe trail. Mosquito Brook and "OO" trailheads also have designated and marked snowshoe trails. The Hayward Hospital trails as well as the Town of Hayward Recreational Forest Trail also provide trail opportunities.

### Hunting

There are approximately 330,000 acres of publicly owned lands open for hunting in Sawyer County. There are 115,197 acres of county land, 81,719 acres of state land, and 126,728 acres of federal land. A map of public lands in Sawyer County is included in this plan. In addition to public lands, hunting is also permitted by law on over 86,000 acres of private forest under the State's forestry tax programs.

### State Natural Areas Within Sawyer County

State natural areas (SNA's) protect outstanding examples of Wisconsin's native landscape of natural communities, significant geological formations and archeological sites. Sawyer County has 16 valuable state natural areas for research and educational use, the preservation of genetic and biological diversity and for providing benchmarks for determining the impact of use on managed lands. The also provide some of the last refuges for rare plants and animals. Sawyer County has the following SNA's

- Bass lake Peatlands
- Flambeau River Hardwood Forest
- Ghost Lake
- Hanson Lake Wetlands
- Kissick Alkaline Bog Lake
- Lake Helane
- Lake of the Pines Conifer Hardwoods
- Moose River Cedar Hills
- No-Name Lake
- Oxbo Pines
- Snoose Creek
- Spring Brook Drumlins
- Swamp Lake
- Thornapple Hemlocks
- Upper Brunet River
- Wilson Lake

More information can be found at <a href="https://dnr.wi.gov/topic/Lands/naturalareas/index.asp">https://dnr.wi.gov/topic/Lands/naturalareas/index.asp</a>

### Recommendations

### Introduction

Previous sections of this plan have dealt with supplies, trends, and demands of recreational facilities of Sawyer County. This final section will analyze existing facilities and makes recommendations for possible improvements.

The plan is divided into two sections, the first discusses the projected needs by activity and makes general recommendations that may be implemented by a variety of governmental units. Existing parks, trails, and recreation facilities are listed in the next section, with more specific recommendations where applicable.

### **Recreational Needs by Activity**

### Water Based Activities

### **Fishing**

Sawyer County's abundance of lakes, rivers and streams assures of an adequate fishery resource for many years to come. Improvements that could be considered are additional development of public access sites.

On the larger lakes, increased parking could be developed. Boat ramps could be improved to hard-surfaced concrete planks or cement pads. Handicap accessible docks should also be incorporated. Small lake public access sites should be designed to discourage deep draft boats and large motors. Walk-in access for small, lightweight hand-carried crafts should be provided on smaller bodies of water where possible.

### **Boating**

According to the 2019-2023 Wisconsin Statewide Comprehensive Outdoor Recreation Plan (SCORP), motorboating remains a high recreational demand in the northwest region of the state. In order to continue to accommodate a large number of boaters in the county, additional public boat launches may need to be developed, and existing launches and facilities improved.

### Canoeing/Kayaking

Rivers and streams suitable for canoeing and kayaking are abundant in Sawyer County. Increased public access points and maintaining the existing access should be adequate to meet projected demands.

### <u>Swimming</u>

Sawyer County has several beaches throughout the county, but many areas of the county need well-developed public swimming areas.

### Land Based Activities

### <u>Camping</u>

Sawyer County has a number of private campgrounds as well as public campgrounds available on state and federal lands. Primitive camping is available throughout the county forest. Much of the increased demand for camping is provided for through private campgrounds.

### <u> Picnic – Day Use Areas</u>

There hasn't been a demand for additional picnic facilities in Sawyer County. Picnic facilities will generally be better utilized if combined with other recreation activities such as swimming beaches, recreational trails/trailheads, playground equipment etc. Picnic areas should be included at any new park development.

A number of parks are being recommended for future improvements, additional grills and picnic tables will be incorporated into the parks to accommodate day-use activities.

### Nature Study and Hiking Trails

Sawyer County offers many hiking and nature study opportunities to the public. Development of any hiking trails could include modifying the trail for disabled individuals, constructing boardwalks, providing interpretive signs and trail brochures, and creating overlooks and rest areas along the trail. These improvements will help satisfy nature study and hiking trail demands.

The Grindstone Lake Foundation currently has a project acquisitioning a former cranberry bog on Grindstone Lake to provide water quality protection, provide low-impact public recreation and educational experiences and demonstration of wetland, shoreline and nearshore habitats and land restoration which would be a benefit for Sawyer County for nature study.

### **Bicycling-Mountain Biking**

Mountain biking is a sport that is increasing in popularity in Sawyer County every year. Sawyer County provides many miles of both singletrack, two track, and gravel road routes throughout the county. Proposed improvements to the trails system would include on-going trail maintenance, improvements and rehabilitation of older trails. Reclamation of degraded trail segments. Expansion of gravel route system, including mapping and marking routes. Upgrading trailhead kiosk facilities and upgrading wayfinding signage.

### ATV/UTV Riding

As ATV/UTV use is constantly growing, facilitating trail improvements and developments on the Sawyer County state funded trail system will be a priority. Trail rehabilitations, developments

of new trail and trail facilities will help to address the growing demand for trail riding opportunities. Sawyer County will continue to work with the Sawyer County Snowmobile and ATV Alliance as well as other units of government and other landowners to maintain and improve the trails. Bridge and trail rehabilitation will continue as needed. Development of shelters, restrooms and other trailhead facilities are recommended for remote locations along the trail system. Trail interconnectivity will also be a focus for any future developments.

### Snowmobile Trails

Sawyer County continues to be a destination for snowmobiling and continues to experience a high demand on snowmobile trails throughout the county. Sawyer County will continue to work with the Sawyer County Snowmobile and ATV Alliance as well as other units of government and landowners to maintain and improve the trails. Bridge and trail rehabilitation will continue as needed. Development of shelters, restrooms and other trailhead facilities are recommended for remote locations along the trail system. Trail interconnectivity will also be a focus for any future developments.

### Cross-Country Skiing

Sawyer County also continues to be a destination for cross country skiing as well, with the world-famous American Birkebeiner Ski Trail as well as several other smaller loop trail systems throughout the county provides facilities for the increasingly popular activity in the county. Sawyer County will continue to work with the American Birkebeiner Ski Foundation and other local groups to provide and improve trail and trailhead facilities within the county.

### <u>Summary</u>

Sawyer County has ample natural resources that are attractive to residents and nonresidents alike. The key to keeping this attractive is adequate resource protection, maintenance of <u>current facilities</u>, and expansion of facilities in the areas previously discussed.

The next section analyzes and makes recommendations for improving existing parks and facilities.

### **Recommendations**

### **County Facilities**

### Hatchery Creek Park

A former DNR fish hatchery, Hatchery Creek Park was established as the first county park in 1984. Hatchery Creek Park has become a focal point for many events including the Chequamegon Fat Tire mountain bike race, American Birkebeiner ski race, and regional high school cross-country meets. These events bring thousands of participants and spectators from around the world to the area each year.

In addition to large, competitive events the park hosts many smaller, private functions and provides opportunities for outdoor education and recreation. Opportunities include ski trails with lights for night skiing, trout fishing, picnicking and a nature trail for hiking. Mountain bikers access singletrack trails and pump park bike area from the trailhead at the park. Located at the park, the Hatchery Creek Trailhead provides access to the southern portion of the Birkie trail within a short distance of Hayward

### **Existing Facilities**

- Paved parking area and trailhead on the southern portion of Sawyer County Forest Seeley Block
- Restrooms
- Heated log pavilion/shelter with picnic tables
- Fire ring and benches
- Picnic tables and grills
- Trail information
- Lighted ski loops
- Nature/ educational trail
- Drinking water

### <u>Recommendations</u>

- Increase opportunities for multi-season use
- Improve nature/educational hiking trail signs
- Replace picnic tables and grills
- American Birkebeiner Trail

The primary focus of development will be for year-round recreational use as well as providing support for annual events.

**Existing Facilities** 

- Mosquito Brook Trailhead
  - Warming Building
  - o Parking

- Drinking water
- Pit Road Trailhead
  - Warming building
  - o Limited parking
  - o Drinking water
- Double OO Trailhead Center
  - o Indoor bathrooms
  - o Meeting area
  - Parking
  - o Fitness park
  - Drinking water
- Boedecker Road Trailhead
  - Warming building
  - Limited parking
  - Drinking water
- FireTower Trailhead
  - Warming building
  - Limited parking
  - Drinking water
- Birkie Ridge Trailhead
  - Parking area

### Seeley Fire Tower

The location of the now removed Seeley Fire Tower provides a unique vista south across miles of the Sawyer County Forest. The site is adjacent to the birkie trail and CAMBA singletrack bike trails and is used as a stopping point by hikers, mountain bikers, skiers and snowmobilers.

### **Recommendations**

- Develop an elevated overlook
- Information kiosk

### Nelson Lake Wayside

Former Department of Transportation wayside located on State Highway 27 North, adjacent to the County owned Totogatic Dam that forms Nelson Lake and immediately upstream from the WDNR Totogatic Wildlife Area. Managed in cooperation with the Town of Lenroot.

### **Existing Facilities**

- Paved parking Area
- Picnic table and grills
- Pit toilets
- Boat landing

- Pavilion
- Native plant display

### Eagles Landing Park

A 1.42 acre park and landing on the Namekagon River, which is accessible from Airport Road. Improvements will emphasize the natural setting and aesthetics of the Namekagon River and improve wildlife and shoreline habitat.

### **Existing Facilities**

- Gravel parking area
- Artesian well
- Handicap accessible restroom
- Wildlife viewing benches
- Picnic area
- Walkway to river access
- Pier for river access

### **Recommendations**

• Shelter/pavilion

### Sawyer County Fairgrounds

A 10.65 acre site adjacent to the County Highway Shop on CTY Hwy B. The fairgrounds are available to organizations for events and storage of county equipment.

### Existing Facilities

- Pavilion
- Exhibit hall
- Large animal barn
- Hog/sheep barn
- Poultry barn
- Milking parlor
- Motocross track
- Grandstand
- 4-H building
- Large parking area

### **Recommendations**

- Surface improvements for walkways and road
- Insulate and install HVAC system in exhibit hall
- Bleachers
- Outdoor public bathrooms
- Storage building for fair equipment

### **Boat Landings**

- Nelson lake Dam Boat Landing, developed
- Nelson Lake Tag Alder Landing, developed
- Weirgor Lake, walk in landing
- Price Dam Landing, Lake Winter, developed
- Windfall lake, developed
- Spring Lake, developed
- Tiger Cat Flowage, developed
- Deer Lake, developed
- Winter Dam, Chippewa Flowage, developed
- Green Lake, undeveloped

### **Township Recreational Facilities**

### Town of Bass Lake

### **Existing Facilities**

- Durphee Boat Landing Cement ramp with limited parking located on County Road KK
- Grindstone Scenic Overlook
- Grindstone Shallows Park Boat landing, pavilion, picnic area, grills, restrooms and rustic nature trail
- Harvey Park Rustic walkway with benches at LCO shoreline with limited parking located on Circle Drive at the end of County Road KK.
- Henks Park
- Little LCO Boat Landing
- Spring Lake Boat Ramp Cement ramp and dock with limited parking located at the junction of Williams Road and County Road E
- Windigo Boat Landing Cement boat ramp with dock, gazebo, view shed, large paved parking area, picnic area, grills and restroom located on Highline Road.

Town of Draper

### Loretta/Draper Municipal Park

### Existing Facilities

- Pavilion
- Picnic area
- Restrooms
- Ball field

### Tent/RV Campground

### <u>Town of Hayward</u>

The Town of Hayward maintains a lake access and swimming area on Peninsula road and boat landing with parking on Linden Road, both sites are on the west side of Round Lake.

### County Hill Recreational Forest

A year-round park for non-motorized recreation located on County Hill Road adjacent to the WDNR Kissick Swamp Wildlife Area.

### **Existing Facilities**

- Picnic/warming shelter
- Handicap accessible restroom
- Gravel parking area
- Sledding hill
- Natural lake
- Trail system for hiking, hunter walking trail, snowshoeing, cross-country skiing

### **Recommendations**

- Signage
- Develop interpretive trail for forest management practices and native trees and vegetation
- Benches
- Power to shelter building
- Trail lighting
- Develop Kozniesky pond area
- Gravel pit reclamation for skating rink

### Town of Lenroot

The town of Lenroot owns and maintains two recreation facilities and a boat landing. The facilities are on Silverthorn Lake and Smith Lake, with the boat landing on Nelson lake.

### Eytcheson Park – Smith lake

### **Existing Facilities**

- Boat landing and parking
- Swimming beach
- Restrooms
- Picnic area
- Pavilion

### Silverthorn Lake Park

### **Existing Facilities**

- Swimming beach
- Shelter/pavilion
- Restrooms
- Tennis court
- Playground equipment
- Baseball field

### Town of Meteor

### Existing Facilities:

- Softball field
- Sand volleyball court
- Paved court area
- Picnic pavilion with grill and tables

### Recommendations:

• Continue development of recreation center at Town Hall.

### <u>Town of Ojibwa</u>

### <u>Ojibwa Park</u>

The Town of Ojibwa owns and maintains the former Ojibwa State Park. The Town has a 4 member park committee who oversees maintenance/ management of the Ojibwa Park. The Park provides access for snowmobilers and ATVs to the Tuscobia State Trail, as well as a campground. The Turkey Feather Trail is a one mile marked hiking trail on the north side of Highway 70 in Ojibwa Park. A two mile ski loop starts at the Turkey Feather Trailhead.

### Existing Facilities:

- Restrooms
- Picnic areas & large grill
- Sixteen camper sites and three tent sites

### Existing Facilities

- Drinking water
- RV waste station
- Shelter building
- Playground equipment for pre-school to age 10
- Turkey Feather Trail hiking & skiing

### Recommendations:

• Develop/install shower unit in campground

### <u>Baird Community Park</u> Located on the north side of the Chippewa River.

### Existing Facilities:

- Picnic tables
- Grills
- Restrooms
- Ball Field with dugouts
- Concession stand
- Canoe access to the river

### Recommendations:

- Replace concrete floor in shelter
- Roll grounds in ball park outfield

### Ojibwa Park-Canoe Access

A small parking area adjacent to the Ojibwa Park that provides scenic access and a canoe takeout point on the north side of the Chippewa River.

### Existing Facilities:

- Picnic area
- Improved canoe access point
- Gravel parking area

### Town of Round Lake

The Town of Round Lake utilizes the Town Hall located on CTH A for Town meetings and annual functions. Hall/Community Building is also used by multiple lake and property associations for meetings and informational forums.

### **Existing Facilities:**

• Parking area

- Non-motorized boat launch
- Scenic area with fishing access (West Fork Chippewa River)
- Battle of the Horsefly historical site/marker

### Recommendations:

- Develop picnic facilities including grills and tables, pavilion, and landscaping.
- Restrooms
- Drinking water
- Hiking/Snowshoe trail development on 40 acres of town property adjacent to Town Hall.
- Develop water access/swim/picnic area, possibly in conjunction with adjacent Towns.

### Town of Sand Lake

Recreation facilities in the Town of Sand Lake are provided primarily for Stone Lake area residents, visitors and tourists.

### Stone Lake Lions Park

The park is located on STH 70

### Existing Facilities:

- Softball field with improved fencing and players benches
- Pavilion. With adjoining serving area (roll serving doors and picnic tables
- Picnic areas with tables and grilles
- Fire Pit
- Playground Equipment
- Equipment Storage Building and Garage
- Restrooms (Pit Toilets)
- Basketball court
- Pickle Ball court
- Volley Ball court

### Recommendations:

- Add Horseshoe courts
- Provide a water source to the park
- Paint the existing Pit toilets
- Build Restrooms with running water and sewer.

### Stone Lake Elementary School

Previously the Stone Lake Elementary school building, the building and lot is now owned by the Stone Lake Cranberry Fest, Inc. and used as a community park.

### Existing Facilities:

• Playground Equipment , 2 groupings

### Recommendations:

• Move one grouping of Playground equipment to Lions Park (Replacement) or Lions Hall (New Play Area)

### Town of Winter

### <u>Archery Range – Lagoon Road</u>

### **Existing Facilities:**

- Pavilion
- Small storage shed
- Parking
- Porta-potty (owned by archery club)

### Recommendations:

- Expand facility to include rifle and pistol range
- Expand parking area to accommodate approximately 20 vehicles and/or trailers
- Develop recreational vehicle operation training area for youth lessons/certifications
- Plant a buffer of trees
- Provide a water source to the area
- Provide restroom facilities
- Provide playground equipment
- Develop a picnic area with shelter, tables and grills
- Provide electricity to site

### Lake Winter Boat Landing – Tower Road (NE side of lake)

### **Existing Facilities:**

- Seasonal boat dock
- Handicap accessible fishing dock
- Parking area

### Recommendations:

- Develop playground area with shelter and equipment
- Provide electricity to picnic area
- Provide picnic tables
- Provide water source
- Provide restroom facilities

### Village recreational facilities

### Village of Couderay

The recreation facilities are provided within the village located on the Couderay River.

### Ed Anderson Recreation Area

### Existing Facilities:

- Two ball fields
- Playground equipment
- New pavilion
- Picnic area
- Restrooms

### Recommendations:

- New barrier free restrooms should be added
- New chain-link backstops on both fields
- New line fencing on both fields
- Picnic area with tables and grills could be developed along the river within the park
- Acquire Eddy Creek Park from the County and improve

### Village of Radisson

Four outdoor recreation areas are located in the village. All town roads are open to ATV and Snowmobiles.

### New Project Recommendations:

- Create path and rehabilitation of boat landing/public rest area on Couderay River. Property lies within Town of Radisson and owned by North Central Power.
- Develop biking/walking/rollerblade path to Tuscobia Trail to create a circular recreational path

### **Radisson Recreational Park**

### **Existing Facilities:**

- Eight campsites with electric & water hookup
- 5 tent sites
- Picnic tables
- Pavilion with electricity & water
- Restrooms
- Playground equipment for preschool
- Volleyball net

- Basketball hoop
- RV waste station
- ATV wash station
- ATV unloading ramp

### **Recommendations:**

- Shower building
- Blacktop parking area

### Radisson Ball Park

### **Existing Facilities:**

- Restrooms
- Concession stand
- Ball field

### Recommendations:

• Add a chain-link backstop and outfield fence

### Village Firehall Park

Located adjacent to the Firehall on the Tuscobia State Trail.

### Existing Facilities:

- Pavilion
- Restrooms inside the pavilion
- Basketball court

### Recommendations:

• Remodel Village Hall restrooms

### Former Radisson Elementary School

### Existing Facilities:

- Ball field
- New playground equipment

### Recommendations:

• Upgrade existing ball fields for youth leagues

### Village of Winter

Excellent outdoor recreation facilities are provided in the village.

### Dr. H.A. Smith Park and V.F.W.

### **Existing Facilities:**

- Picnic area
- Ball field
- Pavilion
- Restrooms barrier free 2006

### Recommendations:

- Park signage
- Recondition softball diamond
- Repaving
- Event shelters with electricity
- Construct two ballpark dugouts
- Construct ballpark concession stand

### CM Olson Athletic Field

The Winter School District also provides excellent facilities at the school.

### Existing Facilities:

- Baseball diamond
- Asphalt track
- Playground equipment

### Friends of Tuscobia – Winter Depot Trailhead

### Existing Facilities:

• Historic Village of Winter railroad depot near the Tuscobia Trail for use as a multiuse trailhead including ATV, snowmobiles, hiking, and biking.

### **Recommendations:**

- Provide entrance and parking areas to accommodate vehicles and trailers
- Establish picnic area with shelter, tables and grills
- Establish a water source
- Restrooms
- Lighting
- Landscaping
- Fencing
- Signage

### Village of Exeland

The Village of Exeland has excellent and well used recreation facilities.

### Swan Creek Park

### Existing Facilities:

- Shelter.
- Camping.
- Water pump.
- Restrooms.
- Horseshoe pits.
- Little League field.
- Grass open play area with playground equipment.

### **Recommendations:**

- Create a multi-use community recreation facility. A fishing area for children could be developed at the park where the Swan and Weirgor Creeks come together. A small shelter and a stream-side handicap accessible fishing dock could be included.
- Ice skating rink
- Tennis courts
- Bathroom/shower facility for camp area

### Exeland Sports Center

Excellent recreation opportunities are available at this facility.

### **Existing Facilities:**

- Rod & Gun Club with a trap and rifle range
- Softball field
- The major facility of the Exeland baseball field
- New restrooms
- Concession stand
- New batting cages & dugouts
- Pavilion
- New sand volleyball court
- Playground equipment
- Open and covered bleachers

### **City recreational facilities**

### City of Hayward

Hayward, the county seat of Sawyer County, has shown substantial growth in the past thirty years-

-from a 1980 population of 1,698 to a 2010 census population of 2,340, an increase of 27 percent.

The Town of Hayward, which surrounds the city, increased from 2,331 in 1980 to 3,601 people in the 2010 census. This is an increase of 35 percent. The City and Town of Hayward now have a combined population total just under 6,000.

This dramatic increase has placed increased pressure on existing recreation facilities and created demand for new recreational opportunities. The City of Hayward's existing recreation facilities receive extremely heavy use during high tourist periods. The lack of major picnic open-space play area is evident. The city swimming beach, which is the only public swimming area in Hayward, is now accessible via the biking/walking trail that circumnavigates the city limits.

Hayward functions as a popular service center for area second home residents, and resorts and receives extremely sharp population increases in the summer months. Special events as the Musky Festival, Lumberjack World Championships, Winterfest, Fat Tire Festival and the American Birkebeiner cross-country ski race bring additional thousands of visitors into the area. Hayward is also fortunate to be the home of the National Fresh Water Fishing Hall of Fame. This facility is located adjacent to the city beach.

The Hayward area presently supports men's and women's summer softball leagues, Little League baseball, a men's city baseball team, youth soccer, logrolling and amateur ice hockey programs. The majority of organized team recreation activities take place at the Hayward Sports Center located adjacent to the Middle School.

### Hayward Community School District

### Hayward Primary School

Existing Facilities:

- Ball fields
- New playground equipment
- Gymnasium
- Soccer field
- Paved parking

### Recommendations:

• Upgrade ball fields (new backstops)

### Hayward Intermediate School

### Existing Facilities:

- Access to paved fitness trail
- New playground equipment

- Gymnasium
- Paved parking

### Hayward Middle School

### **Existing Facilities:**

- Shares outdoor fields with Sports Center and High School
- Large gymnasium
- Paved parking
- Football field
- Sand volleyball court

### Hayward Senior High School

### Existing Facilities:

- Baseball fields
- Softball fields
- Track facility
- Football field
- Soccer fields
- 4 tennis courts
- Auditorium
- Access to paved fitness trail

### Recommendations:

• Upgrade tennis courts

### Erik and Randy Lawry Skate Park

Excellent skateboard and rollerblade park (44,167 sq ft.). Located adjacent to the High School and Middle School. Open to the public.

### Hayward Sports Center

This 28 acre sports complex is on land owned by the City of Hayward but is administered by the Hayward Sports Center Board of Directors and provides recreation opportunities for Sawyer County and area residents, and visitors.

### **Existing Facilities:**

- 28,000 sq. ft. indoor arena providing ice hockey, meetings, concession, restrooms, and year round activities
- Softball field with restrooms
- 3 Little League fields with concession and storage
- Playground equipment

### **Recommendations:**

- Bury overhead electric lines
- Develop swim park

### Dog Park (formerly Nyman Park)

A 9.2-acre parcel located along Smith Lake Creek on the north side of the city with 77,700 sq. ft. of mowed area.

### **Existing Facilities:**

- Vehicle parking area
- Designated area for unleashed dogs
- Walking trail for leashed dogs

### Smith Creek

### **Recommendations:**

• Develop a plan to address problems and utilize the potential of the creek.

### Upper Shues Pond

This area is adjacent to the Senior Citizens Center.

### Existing Facilities:

- Benches
- Trails (.3 miles)

### Recommendations:

• Develop a picnic area with a small pavilion

### Pedestrian/Bike Trail

Year-round, paved fitness trail originates near the City Beach, continues through the business park, past the school campuses and down Nyman Ave, continuing past the Sherman & Ruth Weiss public library, and ends at the city limits on Highway 77 near Walmart/Slumberland. The trail provides access to the Middle School, Sports Center, Intermediate School, and Primary School locations, as well as the public library.

### Recommendations:

- Complete bike/walking trail and work with adjacent townships to make a regional trail.
- Utilize the trail corridor for the Tree City/Bird City initiative

### Jaycees Tot Lot

This small playground and ice skating rink is located at the corner of Wisconsin and Fourth Street

in the City of Hayward (34,956 sq. ft.).

### **Existing Facilities:**

- Playground equipment
- Outdoor skating rink

### Recommendation:

• Additional lighting

### City Beach

### Existing Facilities (121,000 sq. ft.):

- Swimming beach
- Restrooms
- Open shelter
- Basketball court
- Boat ramp
- Accessible Pier
- Picnic area with tables and grills
- Playground with a variety of equipment

### Recommendations:

• Define parking for boat access

### Shues Pond

This attractive area provides beautiful inter-city open space (90,000 sq. ft.). The annual "Lure of the Lights" display is held here. The pond is used by a variety of wildlife, and many residents enjoy viewing the wildlife while having lunch.

### **Existing Facilities:**

- Gazebo
- Picnic tables
- Flag pole
- Playground equipment

### Recommendations:

- Plant a pollinator garden to attract birds and butterflies.
- Utilize the area for the Tree City/Bird City initiative

### Library Nature Park

### Existing Facilities:

- Nature park
- Walking trails
- Viewing pier
- Bridge
- Informational kiosks
- Plant identification signs
- Outdoor amphitheater/classroom

### Recommendations:

- Upgrade/improve/maintain outdoor amphitheater
- Conserve and restore the wetland and upland areas
- Invasive species control
- Reforestation/habitat management

### **SUMMARY**

Sawyer County has a diverse natural resource base providing a variety of recreational opportunities. Many of the opportunities take place on public lands such as Sawyer County Forest, Chequamegon National Forest, State of Wisconsin lands managed by the DNR, and the Namekagon River National Scenic Riverway. The area offers many nationally recognized recreational events.

Sawyer County has a unique group of citizens who, through volunteer efforts, are able to make things happen, and provide unique recreational opportunities and world class recreation events. The county's role is that of managing and maintaining its vast county forest system as a viable multi-use recreation base as well as providing quality forest products. The municipalities in the county must continue to provide and maintain community based recreation facilities that have made Sawyer County one of the most livable areas in the Midwest.

### **APPENDIX A - FINANCIAL AIDS**

### PROGRAM DESCRIPTION

### Land and Water Conservation Fund (LWCF) Program

This is a federal program administered in all states that encourages creation and interpretation of high-quality outdoor recreational opportunities. Funds received by the DNR for this program are split between DNR projects and grants to local governments for outdoor recreation activities.

Grants cover 50 percent of eligible project costs.

### **Eligible applicants**

Towns, villages, cities, counties, tribal governments, school districts or other state political subdivisions are eligible to apply for grants for acquisition and/or development of public outdoor recreation areas and facilities.

### **Eligible projects**

- Land acquisition or development projects that will provide opportunities for public outdoor recreation.
- Property with frontage on rivers, streams, lakes, estuaries and reservoirs that will provide water based outdoor recreation.
- Property that provides special recreation opportunities, such as floodplains, wetlands and areas adjacent to scenic highways.
- Natural areas and outstanding scenic areas, where the objective is to preserve the scenic or natural values, including wildlife areas and areas of physical or biological importance. These areas shall be open to the general public for outdoor recreation use to the extent that the natural attributes of the areas will not be seriously impaired or lost.
- Land or development within urban areas for day use picnic areas.
- Land or development of nature-based outdoor recreation trails.
- Development of basic outdoor recreation facilities.
- Renovation of existing outdoor recreation facilities which are in danger of being lost for public use.

### Ineligible project examples

- A project that is not supported by a local comprehensive outdoor recreational plan.
- Acquisition and development of golf courses.
- A project where storm water management is the primary purpose.
- Motorized recreation trails.
- Lands that include cell towers.
- Land that will be used for non-outdoor public recreation purposes.

### **Deadlines and funding cycles**

• Submit completed applications by **May 1** of each year

### to: Lavane Hessler

Local government grant manager Department of Natural Resources P.O. Box 7921 Madison WI 53707-7921 608-267-0497

- Department of Natural Resources regional staff review and rate eligible projects in early June.
- Final project listing is compiled in **July** with projects ranking the highest selected for grants to the extent funds are available.
- Final selected projects will be reviewed and approved by the National Park Service prior to the sponsor receiving an agreement with the DNR.

### **Application materials**

Because these grants are often coupled with grants from the Knowles-Nelson Stewardship Program, LWCF grant application materials appear in the same booklet as <u>Stewardship Local</u> <u>Assistance grant application materials</u>.

APPENDIX E-28 NPS Namekagon River Recreation Sites, Maps 1-4

Enjoy the River Safely and Responsibly.

### Regulations

Boating and Paddling (36CFR 3)

- Wear your life jacket! Approved life jackets for each person are required on your vessel.
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- Use of personal watercraft is prohibited. (Defined in 36CFR 1.4)

### Camping (36CFR 2.10)

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- Campfires must be out and cold before you leave the area.

### Fishing (36CFR 2.3)

- Dumping or release of live bait is prohibited.
- Use of live crayfish as bait is prohibited.
- Help prevent the introduction of invasive species. Never release bait, bait water, or water from live bait wells into the river.

### Sanitation and Refuse (36CFR 2.14)

- Where a pit toilet is not available, human waste and pet waste must be removed from the park or be buried at least 6 inches underground and a minimum of 100 feet from any water source, high water mark, trail, or facility.
- Carry out all trash.
- Littering is not allowed.
- Please do not put trash in toilets.

### **Resource Protection (36CFR 2.1)**

• Collecting live or dead mussels, empty mussel shells, historical artifacts, or wildflowers is prohibited.

### General

- Pets must be on a leash no longer than 6 feet. Pet waste must be removed from the park or buried. (36CFR 2.15(a)(1))
- Possession or shooting of fireworks are prohibited. (36CFR 2.38(b))
- Quiet hours are from 10:00 pm to 6:00 am. (36CFR 2.10(b)(4))
- Do not jump or dive from cliffs, trees, swing ropes, or bridges. (36CFR 1.5)

### Safety Tips

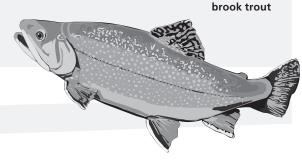
- Check river conditions before launching www.nps.gov/sacn/ planyourvisit/currentconditions.
- Know your paddling ability. Not all stretches of the Riverway are suitable for beginners.
- Avoid trees that have fallen into the river. They can catch and overturn your vessel.
- Wear sunscreen, sunglasses, and a hat to prevent sunburn.
- Use alcohol responsibly.
- Do not bring glass containers to the Riverway. Broken glass cuts bare feet.
- Protect your feet with river shoes or sandals
- Bring your own drinking water. River water is not safe to drink unless purified.
- Check for ticks.
- Watch for poison ivy.

For COVID-19 updates, see <u>www.nps.gov/sacn.</u>

Codes: Superintendent's Compendium, park specific rules under 36 Code of Federal Regulations (36CFR), www.nps.gov/sacn/learn/compendium.htm. National Park Service St. Croix National Scenic Riverway

NATIONAL PARK SERVICE

Namekagon River Map 1: Namekagon Dam to Hayward Landing



Native brook trout are found in the colder waters of the upper Namekagon River.

### In This Stretch

- The first ten miles of this stretch are isolated. Expect numerous beaver dams, downed trees, and three low bridges. Water levels can be extremely low and impassable during dry conditions.
- From **Phillipi Landing** to **Cable Wayside**, water levels tend to be slightly better.
- At the old **Phipps Dam** site, you can usually run the rapids or look for the portage on the right.
- From **Trout Run Landing** to Hospital Road you may encounter large groups of people on tubes.
- Hayward Lake is large and open, making paddling difficult during a strong headwind. You must portage the Hayward Dam.
- **ALERT:** Construction of Tag Alder Rd. begins May/June 2022. Portage around the bridge will be needed at times.

### St. Croix National Scenic Riverway

Namekagon River Map 1: Namekagon Dam to Hayward Landing

Namekagon River Visitor Center Highway 63, half mile east of Highway 53 Trego, Wisconsin 715-635-8346

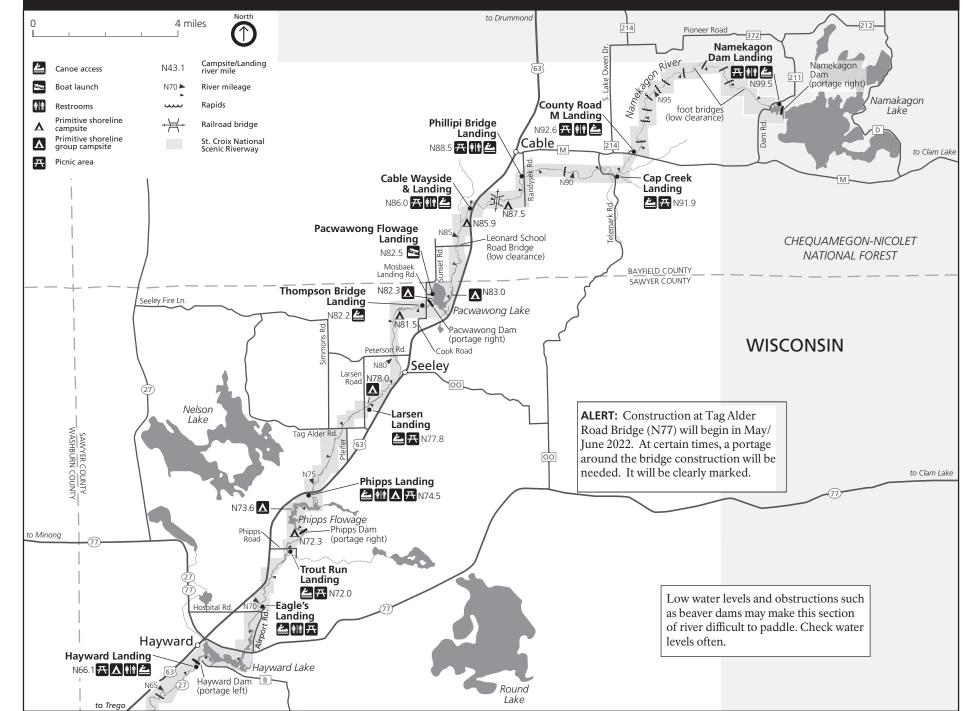
www.nps.gov/sacn www.facebook.com/StCroixNSR/

Emergencies call 911 See a problem? 1-800-PARKTIP

For Current River Conditions

Visit www.nps.gov/sacn/planyourvisit/ current-conditions.htm Call 715-483-2274





Enjoy the River Safely and Responsibly.

### Regulations

Boating and Paddling (36CFR 3)

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- Campfires must be out and cold before you leave the area.

### Fishing (36CFR 2.3)

- Dumping or release of live bait is prohibited.
- Use of live crayfish as bait is prohibited.
- Help prevent the introduction of invasive species. Never release bait, bait water, or water from live bait wells into the river.

### Sanitation and Refuse (36CFR 2.14)

- Where a pit toilet is not available, human waste and pet waste must be removed from the park or be buried at least 6 inches underground and a minimum of 100 feet from any water source, high water mark, trail, or facility.
- Carry out all trash.
- Littering is not allowed.
- Please do not put trash in toilets.

### **Resource Protection (36CFR 2.1)**

• Collecting live or dead mussels, empty mussel shells, historical artifacts, or wildflowers is prohibited.

### General

- Pets must be on a leash no longer than 6 feet. Pet waste must be removed from the park or buried. (36CFR 2.15(a)(1))
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- Quiet hours are from 10:00 pm to 6:00 am. (36CFR 2.10(b)(4))
- Do not jump or dive from cliffs, trees, swing ropes, or bridges. (36CFR 1.5)

### Safety Tips

- Check river conditions before launching www.nps.gov/sacn/ planyourvisit/currentconditions.
- Know your paddling ability. Not all stretches of the Riverway are suitable for beginners.
- Avoid trees that have fallen into the river. They can catch and overturn your vessel.
- Wear sunscreen, sunglasses, and a hat to prevent sunburn.
- Use alcohol responsibly.
- Do not bring glass containers to the Riverway. Broken glass cuts bare feet.
- Protect your feet with river shoes or sandals
- Bring your own drinking water. River water is not safe to drink unless purified.
- Check for ticks.
- Watch for poison ivy.

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Codes: Superintendent's Compendium, park specific rules under 36 Code of Federal Regulations (36CFR), www.nps.gov/sacn/learn/compendium.htm. National Park Service St. Croix National Scenic Riverway

Namekagon River Map 2:



## Hayward Landing to Trego

The St. Croix and Namekagon rivers are migration corridors and nesting areas for many species of songbirds.

### In This Stretch

- After **Hayward Landing** the river is rocky and narrow. A few miles downstream the river becomes sandy and slow. Water levels are usually good.
- Just downstream from **Stinnett Landing** the river narrows, forming a chute.
- As you continue downstream the river quickens with many Class I rapids.
- After **Big Bend Landing** the river widens, slows, and is an easy paddle.
- **Earl Park Landing** is a popular put-in spot for people on tubes on hot summer days.
- Five miles down river, the river passes under Highway 53, to Trego Town Park Landing, followed by five miles of slow paddling through the Trego Flowage to the Trego Dam. (See Map 3 for the complete map of the Trego Flowage.)
- **ALERT:** Construction of US 53/63 Trego Interchange will occur through 2022. See map side for further information.

### St. Croix National Scenic Riverway

### Namekagon River Map 2: Hayward Landing to Trego

Namekagon River Visitor Center Highway 63, half mile east of Highway 53 Trego, Wisconsin 715-635-8346

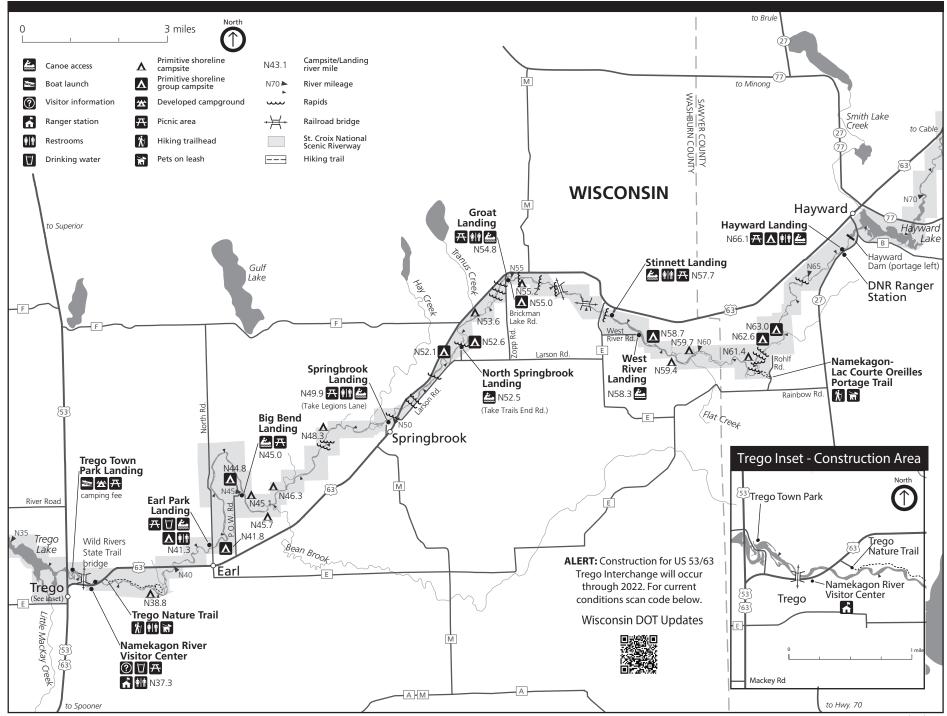
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Emergencies call 911 See a problem? 1-800-PARKTIP

For Current River Conditions

Visit www.nps.gov/sacn/planyourvisit/ current-conditions.htm Call 715-483-2274





Map updated 2022

Enjoy the River Safely and Responsibly.

### Regulations

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### General

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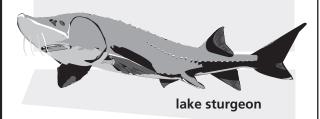
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Codes: Superintendent's Compendium, park specific rules under 36 Code of Federal Regulations (36CFR), www.nps.gov/sacn/learn/compendium.htm. National Park Service St. Croix National Scenic Riverway



### Namekagon River Map 3: Trego to Riverside Landing



The Namekagon River is named after an Ojibwe word meaning "place where the sturgeon are." Look for them resting under overhanging river banks.

### In This Stretch

- Downstream of **County Road K Landing** the river is narrow and contains riffles.
- Downstream of **Howell Landing** the river is somewhat rocky until you pass Highway 77, then it becomes sandy.
- Fritz Landing can be hard to see. Watch for a small island and use the left channel if taking out there.
- The river widens after **McDowell Bridge Landing**. After **Namekagon Trail Landing** the river becomes rockier with riffles and there are several Class I rapids before the confluence.
- The St. Croix River has a rocky bottom and is shallow, making it challenging during low water conditions. There are more rapids as you approach **Riverside Landing**.
- **ALERT:** Construction of US 53/63 Trego Interchange will occur through 2022. See map side for further information.

### St. Croix National Scenic Riverway

Namekagon River Map 3: Trego to Riverside Landing

Namekagon River Visitor Center Highway 63, half mile east of Highway 53 Trego, Wisconsin 715-635-8346

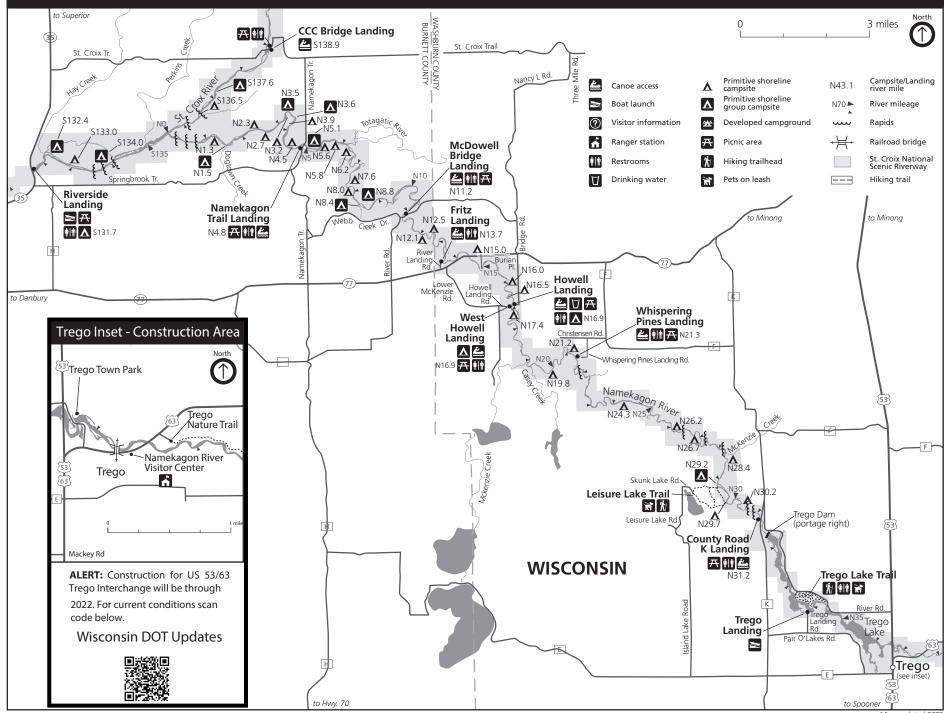
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For Current River Conditions

Visit www.nps.gov/sacn/planyourvisit/ current-conditions.htm Call 715-483-2274

### FIND YOUR **PARK**



Map updated 2022

Enjoy the River Safely and Responsibly.

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- Pets must be on a leash no longer than 6 feet. Pet waste must be removed from the park or buried. (36CFR 2.15(a)(1))
- Possession or shooting of fireworks are prohibited. (36CFR 2.38(b))
- Quiet hours are from 10:00 pm to 6:00 am. (36CFR 2.10(b)(4))
- Do not jump or dive from cliffs, trees, swing ropes, or bridges. (36CFR 1.5)

### Safety Tips

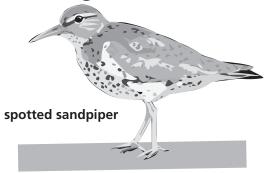
- Check river conditions before launching www.nps.gov/sacn/ planyourvisit/currentconditions.
- Know your paddling ability. Not all stretches of the Riverway are suitable for beginners.
- Avoid trees that have fallen into the river. They can catch and overturn your vessel.
- Wear sunscreen, sunglasses, and a hat to prevent sunburn.
- Use alcohol responsibly.
- Do not bring glass containers to the Riverway. Broken glass cuts bare feet.
- Protect your feet with river shoes or sandals
- Bring your own drinking water. River water is not safe to drink unless purified.
- Check for ticks.
- Watch for poison ivy.

### For COVID-19 updates, see <u>www.nps.gov/sacn.</u>

Codes: Superintendent's Compendium, park specific rules under 36 Code of Federal Regulations (36CFR), www.nps.gov/sacn/learn/compendium.htm. National Park Service St. Croix National Scenic Riverway

### St. Croix River Map 4: Gordon Dam to Riverside Landing

NATIONAL MARK SERVICE



Often seen making short flights ahead of vessels, spotted sandpipers are the most common shorebird on the rivers.

### In This Stretch

- This stretch can be very challenging in low water conditions causing paddlers to continually dodge large rocks and boulders.
- Approximately 300 yards of boulders, plus Class I and II rapids come up suddenly before the **Scott Bridge**. It is best to paddle to the left.
- You can sometimes run the chute of **Coppermine Dam,** but make sure you scout it first or use the portage on the right.
- Winding Class I and II rapids at **Fish Trap Rapids** are considered the most challenging on the Riverway, and no portage exists.
- A smaller set of Class I rapids called Little Fish Trap Rapids exists right before the CCC Bridge Landing.
- There are more rapids around **Big Island** and as you approach **Riverside Landing**.

# **St. Croix National Scenic Riverway**

## St. Croix River Map 4: **Gordon Dam to Riverside Landing**

Namekagon River Visitor Center Highway 63, half mile east of Highway 53 Trego, Wisconsin 715-635-8346

www.nps.gov/sacn w

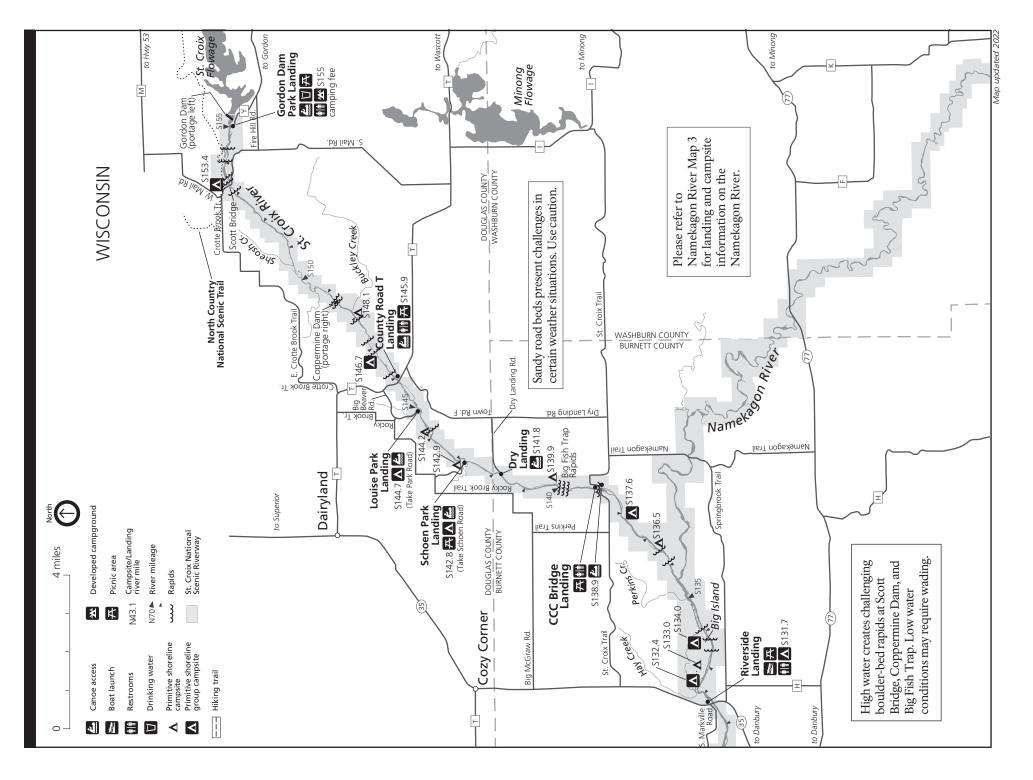
ps.gov/sacn www.facebook.com/StCroixNSR/

Emergencies call 911 See a problem? 1-800-PARKTIP

For Current River Conditions Visit www.nps.gov/sacn/planyourvisit/ current-conditions.htm Call 715-483-2274







APPENDIX E-29 Recreation Study Report



# Recreation Report for the Hayward Hydroelectric Project (FERC No. 2417) and Trego Hydroelectric Project (FERC No. 2711)

Prepared for

Northern States Power Company – Wisconsin P.O. Box 8 Eau Claire, Wisconsin 54702

Prepared by

EA Engineering, Science, and Technology, Inc., PBC 444 Lake Cook Road, Suite 18 Deerfield, IL 60015

> March 2023 Version: FINAL EA Project No. 16154.02

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#### LIST OF ACRONYMS AND ABBREVIATIONS

- ATV All terrain vehicle
- AIS Aquatic Invasive Species
- FERC, Commission Federal Energy Regulatory Commission
- NPS National Park Service
- NSPW, Applicant Northern States Power Company-a Wisconsin corporation

#### SCORP - Statewide Comprehensive Outdoor Recreation Plan

TLD – Trego Lake District

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# **1. INTRODUCTION**

Northern States Power Company – Wisconsin (NSPW or Licensee), currently holds licenses issued by the Federal Energy Regulatory Commission (FERC or Commission) to operate and maintain the Hayward and Trego Hydroelectric Projects (Projects). The Projects are owned, operated, and maintained by the Licensee. The current licenses, which designate the Projects as FERC Nos. 2417 (Hayward) and 2711 (Trego), expire on November 30, 2025. To obtain subsequent licenses, the Licensee must submit final license applications to FERC no later than November 30, 2023. The final license applications, in part, must include an evaluation of the existing recreational facilities associated with each Project along with proposed recreation enhancements.

The Projects are located on the Namekagon River in Sawyer County (Hayward) and Washburn County (Trego) in Wisconsin. The Namekagon River is a 99.5-mile-long northern tributary to the St. Croix River and is protected by the National Park Service (NPS) under the St. Croix National Scenic Riverway (Figure 1-1). The river is classified as Class I-II rapids. It is generally shallow with a rocky bottom. There are ample opportunities for fishing, wildlife viewing, water sports, and paddling on the Namekagon River.

In March 2019, the State of Wisconsin published its Statewide Comprehensive Outdoor Recreation Plan (SCORP) for 2019-2023. The SCORP identifies recreation needs by region rather than specific sites or Project areas. The SCORP places an emphasis on nature-based recreational opportunities including hiking, fishing, and boating. For both Projects, the Licensee currently provides a carry-in access on the reservoir, a tailrace fishing area downstream of the powerhouse, and a canoe portage that helps fulfill recreation needs. These recreational opportunities are consistent with the SCORP.

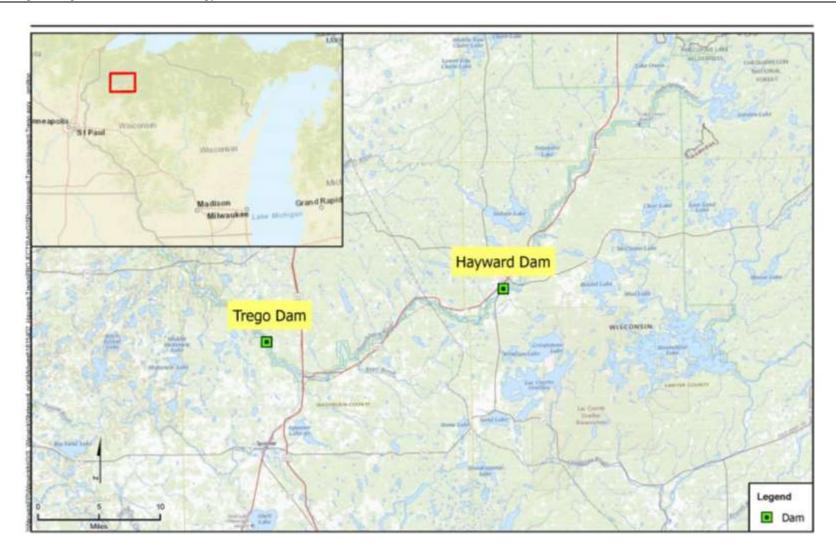
Hydro operations, including fluctuations in reservoir elevation, and insufficient public access, can limit recreational opportunities. Adequate information is necessary to determine what impacts may be occurring from hydro operations as well as which recreational opportunities may be enhanced. The existing recreational facilities within the Projects were evaluated for recreational use and improvements.

The goals of the 2022 Hayward and Trego Recreation Study were to:

- obtain a subjective assessment of recreation facility conditions and needed enhancements;
- determine capacity of existing facilities to address current and future user demand; and
- provide sufficient information to evaluate impacts and provide rationale for recreation enhancement recommendations.

The results of the Hayward and Trego Recreation Study are presented herein and include the following items:

- recreation counts based on the data collected in 2022;
- recreation trends by activity and season;
- a discussion of the adequacy of the recreational facilities in the project area to meet recreational demand;
- recommendations to accommodate recreational needs in the project area.



Map Calle: 10/25/2022 Source: USG/5 2022



EA Engineering, Science, and Technology, Inc., PBC

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# 2. METHODS

This section describes the methods used to collect, summarize, and extrapolate the recreation data collected in 2022. Each subsection focuses on the different types of data and information collected.

# 2.1 RECREATION INVENTORY

An inventory of public and private recreational facilities near the Projects (Figures 2-1 and 2-2) was created using maps and aerial images of the area, internet resources, and interviews. Section 3 describes each of the following public recreational facilities:

- Hayward Canoe Portage Take-Out and Carry-In Reservoir Access NSPW facility
- Hayward Canoe Portage Trail and Put-In NSPW facility
- Hayward Informal Tailwater Bank Fishing Area NSPW facility
- Hayward City Boat Landing
- Hayward City Beach & Barrier-Free Fishing Pier
- Hayward Bartz's Bay Informal Ice Fishing Access<sup>1</sup>
- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access (Canoe Portage) NSPW facility
- Trego South Tailwater Access NSPW facility

The recreation facilities were inventoried during one of the recreational use surveys, using the forms included in Appendix 1, to collect information on recreation amenities and capacity. The following types of information were recorded:

- 1) The primary type(s) of recreation provided at the site.
- 2) Existing sanitation facilities (if any).
- 3) Type of vehicle access and parking capacity (if any).
- 4) The presence and type (if any) of barrier-free facilities.
- 5) The geolocation of the facility.
- 6) Signage
- 7) Photographs of each recreation site, each amenity and sign, the entryways to primary recreation sites from the main road(s), and any adverse impacts from the site on the surrounding environment, including shoreline erosion.

# 2.2 FACILITY CONDITION ASSESSMENT

The condition of each amenity or feature at each facility (including recreational wayfinding signs and interpretive signs) and its immediate vicinity were assessed during one of the site visits. Each facility was assigned a rating according to the following scale:

<sup>&</sup>lt;sup>1</sup> Bartz's Bay Informal Ice Fishing Access was surveyed during the January and February survey periods only.

- 1) Missing and Needs Replacement
- 2) Not Usable and Needs Replacement
- 3) Needs Repair
- 4) Needs Maintenance or cleaning
- 5) Good Working Condition (does not need any attention)

If a rating warranted additional attention, that specific item was noted on the form.

#### 2.3 RECREATION USE SURVEY

Recreation use surveys were conducted at each of the recreation sites listed in Section 2.1. The surveys lasted a minimum of one hour per site and were conducted between the hours of 7:00 a.m. and 7:00 p.m. Surveys were completed on a rotating schedule to avoid from being conducted at the same time of the day and to account for time-of-day use patterns. The use survey form included in Appendix 1 was administered to gather opinions about the existing recreation facilities and opportunities. The surveyor recorded the number of people in a party, their primary reason for visiting the site, their perception of level of use, and their opinions regarding the amount and types of recreation opportunities offered within the proposed Project vicinity. The recreation use surveys were conducted according to the following schedule in Table 2-1.

Table 2-1. Recreation Use Survey Schedule.						
Survey Month/Season	Recurrence Interval					
January	One randomly selected weekend day.					
	One randomly selected weekday.					
February	One randomly selected weekend day					
	One randomly selected weekday					
April	One randomly selected weekend day.					
May	One randomly selected weekend day.					
-	One day during Memorial Day weekend.					
June	One randomly selected weekday.					
	Two randomly selected weekend day.					
July	One randomly selected weekday.					
	One <sup>2</sup> randomly selected weekend day.					
August	One randomly selected weekday.					
	Two randomly selected weekend day.					
September	One weekend day the weekend following					
	Labor Day weekend.					

Table 2-1. Recreation Use Survey Schedule.

The recreation surveys provided the information necessary to estimate the use at each site (Section 5.1).

<sup>&</sup>lt;sup>2</sup> Two randomly selected weekend days were planned; however, only one was completed due to unavoidable staffing shortages.

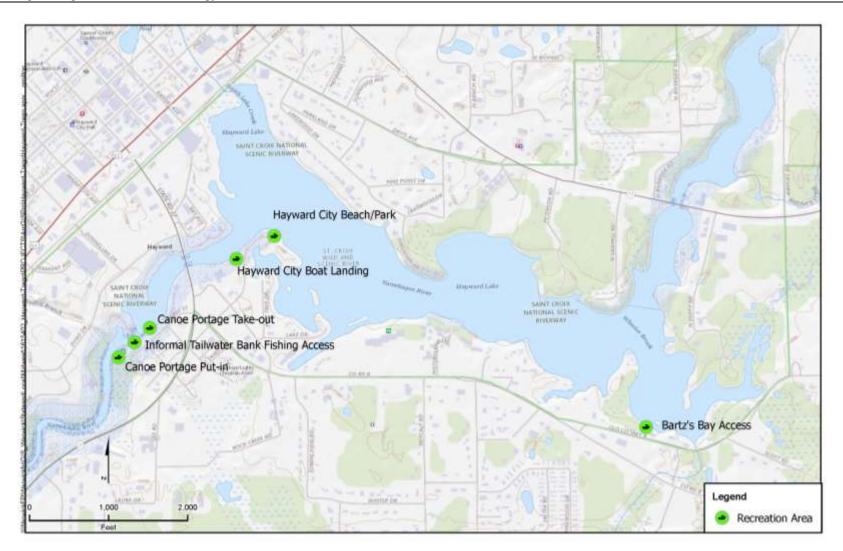
# 2.4 RECREATION SPOT COUNTS

Upon arriving at each recreation site where recreation use surveys were collected, a spot count was conducted using the form enclosed in Appendix 1. The information was then analyzed to assess recreational use and is summarized in Section 5.2 by month, season, and type of activity.

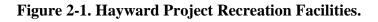
# 2.5 FUTURE AND POTENTIAL RECREATION

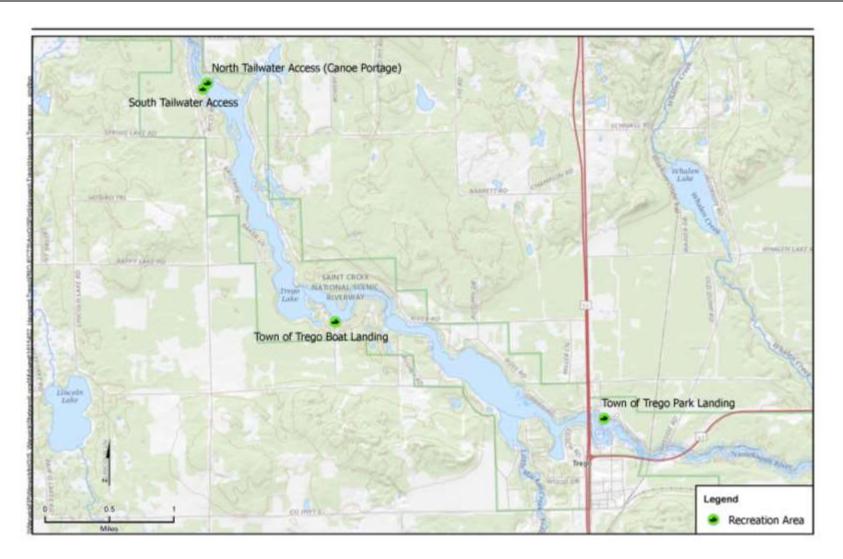
To assess future recreation needs within the Project vicinity, a questionnaire was sent to municipalities and other entities responsible for existing recreation within the Project vicinity (Appendix 2). Specifically, the questionnaire was sent to the City of Hayward, Hayward Area Chamber of Commerce, and Sawyer County for the Hayward Project and the Town of Trego, Trego Lake District, and Washburn County for the Trego Project. The questionnaire was also sent to the NPS St. Croix National Scenic Riverway for both Projects. Each entity was given 30 days to respond to the questionnaire and their responses were incorporated into the Future and Projected Use evaluation (Section 5.3).

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Map Date: 10/25/2022 Source: USGS 2022





Map Clate: 10/25/2022 Boutte: USGB 2022



# 3. DESCRIPTIONS OF RECREATIONAL FACILITIES AT THE HAYWARD PROJECT

The public recreational facilities listed in the approved study plan are described below along with a discussion of their use and adequacy. Facility locations are depicted in Figures 2-1, 2-2, and 3-1 through 3-3.

# 3.1 HAYWARD CANOE PORTAGE TAKE-OUT AND CARRY-IN RESERVOIR ACCESS

NSPW owns and maintains the canoe portage take-out and carry-in access just upstream of the spillway along the east shoreline of Lake Hayward (Figure 3-1). The access enables recreationists to safely launch small craft on, and disembark from, Lake Hayward. The canoe portage take-out and carry-in access was refurbished in 2019 and features a parking area, informational Project signage, and timber step approach to and from the water. The parking area is shared with the informal tailwater bank fishing area and can accommodate approximately 20 vehicles. There is no fee associated with the use of this area.

# 3.2 HAYWARD CANOE PORTAGE TRAIL AND PUT-IN

NSPW owns and maintains the canoe portage trail and put-in along the east side of the Project (Figure 3-1). The canoe portage trail proceeds from the take-out in a southwesterly direction, along South 1<sup>st</sup> Street and a gravel road, approximately 600 ft. to the short trail leading from the road to the put-in downstream of the Project tailwater. When combined with the Hayward canoe portage take-out, the trail and put-in enable canoers/kayakers to safely bypass the Hayward Dam. Access between the take-out and put-in is available both to users that are walking and driving. Parking is available for approximately six vehicles along the gravel loop road that terminates at the put-in trail. As with the take-out, there are no fees associated with recreational the use of this area.

# 3.3 HAYWARD INFORMAL TAILWATER BANK FISHING AREA

NSPW owns and maintains an informal tailwater shoreline fishing area on the east side of the Namekagon River, approximately 270 feet downstream of the canoe portage take-out and carry-in access (Figure 3-1). The informal tailwater access features an area for parking and tiered (i.e., terraced) approach to and from the river. The parking area is shared with the canoe portage take-out and carry-in access and can accommodate approximately 20 vehicles. There is no fee associated with the use of this area.

# 3.4 HAYWARD CITY BOAT LANDING

The City of Hayward owns and maintains this single launch boat landing on the south side of the lake (Figure 3-2). It is the only public, trailer-accessible boat landing on the lake. The landing consists of a cement launch pad with paved approach and dock with gravel approach. The City maintains a "lifejacket loaner" stand to encourage recreationists to use lifejackets when on Lake

Hayward. A light pole situated in the parking area provides lighting during the evening hours. The adjacent gravel parking lot is large enough to accommodate approximately 20 vehicles or 10 vehicles with trailers. The parking lot also serves as overflow parking for users of the beach and park area. The City does not charge a fee for the use of this launch and no other amenities are present.

# 3.5 HAYWARD CITY BEACH AND BARRIER-FREE FISHING PIER

The City of Hayward owns the City beach and park on the south side of the lake (Figure 3-2). It consists of a 100-foot sand beach with designated swimming area, changing rooms, restroom facilities, shelter, playground, park bench with solar-powered charging station, six picnic tables near the beach and playground, seven tables in the picnic area with charcoal grills, and shore fishing opportunities. The area also features a walking bridge and an Americans with Disabilities Act (ADA) compliant fishing pier. A paved parking lot is provided that can accommodate 24 vehicles with two parking spots being designated for handicap access. There is no fee associated with the use of the park or beach.

# 3.6 HAYWARD BARTZ'S BAY INFORMAL ICE FISHING ACCESS

The Bartz's Bay informal ice fishing access was only visited for the recreation survey during January and February since it is a winter recreation access (Figure 2-1). The Bartz's Bay informal ice fishing access is located off a local road, Chippewa Trail, that is popular with ice anglers in the winter who wish to walk out to ice fish. The informal access consists of an unimproved trail on private land, between two residential lots. Ice anglers park their vehicles along Chippewa Trail, predominantly on the southwest side, which is snow-plowed wider at the access point to accommodate approximately six vehicles.

# 3.7 TOWN OF TREGO PARK BOAT LANDING

The Town of Trego owns and maintains a small boat landing adjacent to the Town Park campground located on the north shore of the Namekagon River, east of U.S. Highway 53, at the end of Cash Road (Figure 2-2). The access consists of a single-lane boat ramp composed of concrete planks with a gravel driveway and no dock. The landing is small and shallow and is primarily used as a put-in and take-out for canoers and kayakers. Shallow water between this landing and the main flowage excludes the use of larger motorized watercraft. Cash Road and the parking area can accommodate 20 vehicles or six vehicles with trailers, primarily along the margin. There is no user fee for the landing.

# **3.8 TOWN OF TREGO BOAT LANDING**

The Town of Trego owns and maintains a single-lane boat launch along the south shore of the middle portion of Trego Flowage (Figure 2-2). It is the only public landing on the flowage and consists of a single cement launch, paved approach, and dock. The landing is sufficient to launch larger motorized boats. Parking is available along the shoulders of Trego Landing Road and can

accommodate eight vehicles or two vehicles with trailers. There is space designated as handicap parking that can accommodate two vehicles. There is no user fee for this launch.

# **3.9 TREGO NORTH TAILWATER ACCESS (CANOE PORTAGE)**

NSPW owns and maintains an area north of the Trego Dam that serves both as a canoe portage and tailwater fishing access (Figure 3-3). The take-out for the canoe portage is located along the northwest shore of Trego Flowage, immediately north of the Trego Dam buoyed exclusion zone. From the take-out, the portage trail follows a west-southwesterly direction for approximately 325 ft. to the downstream put-in, adjacent to the north tailwater access. The portage enables users travelling from upstream-to-downstream to safely bypass the dam. The north tailwater fishing access consists of a concrete retaining wall with safety railing along the river. Parking for the area is available along the shoulder of River Road as well as the gravel approach to the north access gate. There is space for approximately eight vehicles. A portable lavatory is provided and maintained between the portage take-out or parking area and tailwater access. There are no fees associated with the use of these areas.

# 3.10 TREGO SOUTH TAILWATER ACCESS

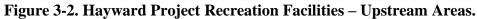
NSPW owns and maintains an area southwest of the Trego Dam that provides access to the south tailwater (Figure 3-3). Access to the south tailwater is provided via two metal staircases. The upper staircase is located near the southwest corner of the Project's powerhouse while the lower staircase is closer to river level. The lower staircase provides access to a concrete retaining wall with safety railing along the river. Parking for up to four vehicles is available in an area off the north end of Ricci Road, southwest of the south Project's access gate. There is no fee associated with the use of this area.



Figure 3-1. Hayward Project Recreation Facilities - Tailwater Areas

Sawyer and Washburn Counties, Wisconsin





Sawyer and Washburn Counties, Wisconsin



Figure 3-3. Trego Project Recreation Facilities – Canoe Portage and Tailwater Access

### 4. RESULTS OF RECREATION INVENTORY AND CONDITION ASSESSMENTS

As part of the recreation inventory and recreation assessments of facilities near the Hayward and Trego Projects, photographs were taken of amenities and observations were recorded on data sheets. A photolog of amenities for each of the facilities inventoried and assessed is presented as Appendix 3. Likewise, data sheets used in the inventory and assessment are provided as Appendix 4.

# 4.1 HAYWARD CANOE PORTAGE TAKE-OUT AND CARRY-IN RESERVOIR ACCESS

# Condition of Amenities

The amenities at the Hayward canoe portage take-out and carry-in reservoir access, as described in Section 3.1, were assessed as being in good condition in 2022. Amenities and signage associated with the Hayward canoe portage take-out and carry-in reservoir access are presented as Photographs 1 through 13 in Appendix 3.

### <u>Parking</u>

The Hayward canoe portage take-out and carry-in reservoir access parking is an unpaved area. While there are no designated parking spaces, there is room to park approximately 20 vehicles.

#### Signage

Signage at the facility includes a directional FERC Project sign that identifies the Hayward Project and displays the nearby recreational resources. Directional signs face the water to inform paddlers of the take-out location and, on the shoreline, display the direction of the portage trail. Additional signage identifies hazards, informs the public of private property, and provides details on normal pond elevation. The signage associated with the portage take-out and carry-in access was considered to be comprehensive and in good condition during 2022.

# 4.2 HAYWARD CANOE PORTAGE TRAIL AND PUT-IN

#### Condition of Amenities

The Hayward canoe portage trail and put-in amenities described in Section 3.2 were evaluated as being primarily in good condition. However, due to one sign as described below, the location was rated as needing maintenance. Amenities at the Hayward canoe portage trail and put-in are depicted in Photographs 14 through 25 in Appendix 3.

# <u>Parking</u>

There are no designated parking spaces near the Hayward canoe portage put-in. However, the area can accommodate approximately six vehicles along the gravel loop road that terminates at the put-in trail. Additional parking is available a short distance away, near the take-out.

### <u>Signage</u>

The canoe portage trail signage consists of a sign near the take-out directing paddlers to the putin as well as a sign near the trail leading to the river put-in. The signage is in generally good condition and the trail is clearly marked. The only exception is the invasive species sign that was vandalized and observed in the river. The sign is not owned by NSPW nor is it a FERC requirement to have it at this facility. While the existing signage is in good condition, the present condition of the invasive species sign resulted in a "in need of maintenance" rating.

# 4.3 HAYWARD INFORMAL TAILWATER BANK FISHING AREA

#### Condition of Amenities

The Hayward informal tailwater shoreline fishing area amenities described in Section 3.3 were assessed as being in good condition during 2022. Amenities at the Hayward informal tailwater bank fishing area are depicted as Photographs 26 through 37 in Appendix 3.

#### Parking

There are no designated parking spaces for the Hayward informal tailwater bank fishing access. A parking area is shared with the Hayward canoe portage take-out and carry-in reservoir access which can accommodate approximately 20 vehicles.

#### Signage

Due to the informal nature of the access, signage specific to the Hayward informal tailwater bank fishing access is not provided.

# 4.4 HAYWARD CITY BOAT LANDING

#### Condition of Amenities

The amenities at the Hayward City Boat Landing, as described in Section 3.4, were assessed as being in good condition during 2022. The facility's amenities are depicted in Photographs 38 through 47 of Appendix 3.

# <u>Parking</u>

There are no designated parking spaces at the Hayward City Boat Landing; however, the available space can accommodate 20 vehicles or 10 vehicles with trailers.

### <u>Signage</u>

All signage associated with the Hayward City Boat Landing was rated as being in good condition. Signage includes interpretive and regulation signs. The interpretive signage is related to the Namekagon River being designated a National Scenic River. The regulation signage provides information on fish species bag and size limits as well as invasive species control. Additionally, the City maintains a "lifejacket loaner" stand to encourage recreationists to use lifejackets when on or around Lake Hayward.

# 4.5 HAYWARD CITY BEACH AND BARRIER-FREE FISHING PIER

#### Condition of Amenities

All amenities at the Hayward City Beach and Barrier-Free Fishing Pier, described in Section 3.5, were assessed as being in good condition during 2022. Amenities at the Hayward City Beach and Barrier-Free Fishing Pier are included as Photographs 48 through 67 of Appendix 3.

#### Parking

Central to the beach, park, and picnic area, the City provides a paved parking lot that can accommodate 24 vehicles including two parking spots being designated for handicap access.

#### <u>Signage</u>

Signage is restricted to areas within the Hayward City Beach and Park. Signs are largely related to regulations and include beach rules, restricted motor vehicle access, and handicap parking. All signage was in good condition.

# 4.6 HAYWARD BARTZ'S BAY INFORMAL ICE FISHING ACCESS

#### Condition of Amenities

The limited amenities of the Bartz's Bay Informal Ice Fishing Access, as described in Section 3.6, were assessed as being in good condition during 2022. Photographs 68 through 71 of Appendix 3 depict the amenities at the facility.

### <u>Parking</u>

No designated parking spaces are associated with the Bartz's Bay Informal Ice Fishing Access. Parking is available on the shoulder of Chippewa Trail, along the southwest side, which is snowplowed wider at the access point to accommodate approximately six vehicles

#### <u>Signage</u>

No signage is associated with the Bartz's Bay Informal Ice Fishing Access.

### 4.7 TOWN OF TREGO PARK BOAT LANDING

#### Condition of Amenities

The amenities at the Town of Trego Park Boat Landing, described in Section 3.7, were assessed as being in good condition during 2022. Photographs 72 through 81 of Appendix 3 depict the amenities at the Town of Trego Park Boat Landing.

#### Parking

The Town of Trego Park Boat Landing does not have delineated spaces in the gravel parking lot; however, the area can accommodate up to 20 vehicles or six vehicles with trailers.

#### <u>Signage</u>

Signage at the Town of Trego Park Boat Landing consists of both regulation (i.e., no camping) and directional signs. The "no camping" wood sign was in poor condition. However, a newer metal sign nearby was in good condition as were the directional signs to the landing from both the Trego Campground Road and the Namekagon River.

#### 4.8 TOWN OF TREGO BOAT LANDING

#### Condition of Amenities

The amenities at the Town of Trego Boat Landing, described in Section 3.8, were assessed as being in good condition during 2022. Photographs 82 through 93 of Appendix 3 depict the amenities at the facility.

#### Parking

The Town of Trego Boat Landing parking area can accommodate eight vehicles or two vehicles with trailers. A handicap parking space is designated and can accommodate two vehicles or one vehicle with a trailer.

#### <u>Signage</u>

Signage at the Town of Trego Boat Landing is almost entirely related to regulations. Regulation signs consist of fishing regulations, invasive species control, no fireworks, no personal watercraft, no power loading, no parking, and handicap parking. The signs were considered to be in good condition during 2022.

# 4.9 TREGO NORTH TAILWATER ACCESS (CANOE PORTAGE)

#### Condition of Amenities

The amenities at the Trego North Tailwater Access (Canoe Portage), described in Section 3.9, were assessed as being in good condition during 2022. Photographs 94 through 119 of Appendix 3 depict the amenities at the facility.

#### Parking 197

There are no designated parking spaces for the Trego North Tailwater Access (Canoe Portage) Users may park along the shoulder of River Road as well as the gravel approach to the north Project access gate. Collectively, there is space for approximately eight vehicles.

#### <u>Signage</u>

Signage at Trego North Tailwater Access (Canoe Portage) includes directional and interpretive signs. Directional signage indicates the canoe portage take out as well as direction of the portage trail. Interpretive signage is provided to inform visitors of the hazards associated with the Project tailwater area. The signs were considered to be in good condition during 2022.

# 4.10 TREGO SOUTH TAILWATER ACCESS

#### Condition of Amenities

The amenities at the Trego South Tailwater Access, described in Section 3.10, were assessed as being in good condition during 2022. Photographs 120 through 133 of Appendix 3 depict the amenities at the Trego South Tailwater Access.

#### Parking

There are no designated parking spaces for the Trego South Tailwater Access; however, parking for up to four vehicles is available in an area off the north end of Ricci Road, southwest of the south access gate for the Project.

#### <u>Signage</u>

Signage at Trego South Tailwater Access includes a FERC Project sign and interpretive signs. The FERC Project sign is located to the east of the south project access gate. Interpretive signage is provided to inform visitors of the hazards associated with the Project tailwater area. The signs were considered to be in good condition during 2022.

# 4.11 SUMMARY

The existing amenities of the 10 surveyed recreation resources near the Hayward and Trego Projects were rated as in good condition (Appendix 3). No deficiencies that NSPW is responsible for were identified as part of the recreation inventory and condition assessment.

#### 5. SUMMARY OF RECREATIONAL USE

#### 5.1 RECREATIONAL USE SURVEYS

This section provides a summary of the data gathered from interviews with recreational users regarding the recreational facilities and opportunities near the Hayward and Trego Projects (Appendix 5). Recreational surveys were conducted over 16 days at each of the two project areas between January and September 2022. The surveys were conducted on weekdays, weekends, and holidays with the number of surveys varying by month throughout the period. Surveys near the Hayward Project were conducted at six locations in January and February. Bartz's Bay Informal Ice Fishing Access was not surveyed in April through September. Four locations were surveyed near the Trego Project throughout the study period. Collectively, the 16 surveys at each project yielded 73 total visitor interviews.

Of the 73 recreation users that were interviewed, 44 visitors were interviewed at recreation locations associated with the Hayward Project (Table 5-1).

Month	Surveys	Bartz's Bay	Hayward Canoe Portage Take Out	Hayward Canoe Portage Trail Put In	Hayward Informal Tail Access	City of Hayward Boat Landing	City of Hayward Beach/Pier	Total by Month	Average by Month & No. Surveys
January	2	1	0	0	0	2	0	3	1.50
February	2	0	0	0	0	0	0	0	0.00
April	1		0	0	0	0	2	2	2.00
May	2		0	1	1	0	0	2	1.00
June	3		0	0	0	2	8	10	3.33
July	2		1	0	0	0	6	7	3.50
August	3		2	0	2	1	9	14	4.67
September	1		1	0	0	3	2	6	6.00
Total	16	1	4	1	3	8	27	44	

Table 5-1. Recreational use based on user interviews, Hayward Project
(January-February, April-September 2022)

The City of Hayward Beach and Fishing Pier produced over half of the visitor interviews followed by the City of Hayward Boat Landing. The fewest interviews were conducted at the Bartz's Bay informal ice fishing access and Hayward Canoe Portage Trail and Put-In. The greatest number of visitors were interviewed in August while the single survey in September produced the highest average number of interviews per survey event.

The four recreation sites associated with the Trego Project yielded 29 user interviews over 16 surveys (Table 5-2).

	(Januar	y-rebi	uary, A	pril-Sept	emper 2	022)	
Month	Surveys	Town of Trego Park Boat Landing	Town of Trego Boat Landing	Trego North Tailwater Access (Canoe Portage)	Trego South Tailwater Access	Total by Month	Average by Month & No. Surveys
January	2	0	0	0	0	0	0.00
February	2	0	0	0	0	0	0.00
April	1	0	0	0	1	1	1.00
May	2	2	0	3	1	6	3.00
June	3	1	2	0	3	6	2.00
July	2	0	1	0	3	4	2.00
August	3	2	0	3	3	8	2.67
September	1	1	0	2	1	4	4.00
Total	16	6	3	8	12	29	

Table 5-2. Recreational use based on user interviews, Trego Project(January-February, April-September 2022)

The two tailwater access points were the most popular recreation areas near the Trego Project with 12 and eight visitors being interviewed at the South Tailwater Access and North Tailwater Access, respectively. The fewest interviews were conducted at the Town of Trego Boat Landing. Similar to the Hayward Project, August had the highest number of visitors and the single survey in September again produced the highest average number of interviews per survey event.

Collectively, weekends produced more interviews compared to weekdays for both projects; however, this was more apparent for the Trego Project (Table 5-3). Only slightly more visitors were encountered during weekend surveys compared to weekdays at the Hayward Project. In contrast, more than double the visitors were interviewed on weekend days compared to weekdays at Trego.

Seasonally, the four surveys in January and February yielded three interviews, all at the Hayward Project. By comparison, spring and summer had substantially more visitors with 27 and 43 interviews conducted, respectively. At Hayward, 27 interviews were conducted during the summer period compared to 14 interviews during the spring months. Spring and summer were more evenly split at the Trego Project with spring producing 13 visitor interviews and summer 16.

			<u>iur y 1 0.01</u>						
			Hayward Project		Trego	Project	Total		
Season	Month	Surveys	Weekday	Weekend	Weekday	Weekend	Monthly	Seasonally	
Winton	January	2	0	3	0	0	3	3	
Winter	February	2	0	0	0	0	0	3	
	April	1	0	2	0	1	3		
Spring	May	2	0	2	0	6	8	27	
	June	3	6	4	4	2	16		
	July	2	7	0	4	0	11		
Summer	August	3	5	9	1	7	22	43	
	September	1	1	5	0	4	10		
	Total	16	19	25	9	20	73	73	
Year	# Days		6	10	6	10	16		
	Ave. Per		3.17	2.50	1.50	2.00	4.56		

Table 5-3. Recreational use by type of day, Hayward and Trego Projects(January-February, April-September 2022)

Visitors were asked which of nine activities they participated in during their visit. At the Hayward Project, each of the nine activities was identified as the primary activity by at least one individual (Table 5-4). The most popular activities at Hayward were shoreline/tailwater fishing (24% of the respondents), swimming (24% of the respondents), and other (22% of the respondents).

	(Umina	<u>arj 10</u> ,	Ji uai y, 11				-/		
Location	Shore fishing	Boat Fishing	Motorized Boating		Swim	Picnic	Wildlife Viewing		Other
Bartz's Bay	0	0	0	0	0	0	0	1	0
Hayward Portage Take Out	1	0	1	1	0	0	0	0	2
Hayward Portage Trail/Put In	1	0	0	0	0	0	0	0	0
Hayward Informal Tailwater Access	2	0	0	0	0	0	1	0	0
City of Hayward Boat Landing	3	4	1	0	1	0	0	2	0
City of Hayward Beach/Fishing Pier	5	0	1	1	11	1	1	1	9
Total	12	4	3	2	12	1	2	4	11

Table 5-4. Activities during visit to the Hayward Project Area(January-February, April-September 2022)

Shoreline/tailwater fishing was a popular recreation activity for all locations except at Bartz's Bay. In contrast, those who responded that swimming or other was their primary activity were mostly interviewed at the City of Hayward beach and fishing pier. Dog walking was the activity for the majority of visitors that identified their primary activity as other.

Five of the nine activities were identified as the primary activity by visitors to the Trego Project area (Table 5-5). Over 50% percent of visitors at the Trego Project were participating in shoreline/tailwater fishing and most of those respondents were divided between the Trego North Tailwater Access and Trego South Tailwater Access. Motorized boating and non-motorized boating were the second and third most popular activities.

	(January-February, April-September 2022)											
Location	Shore fishing		Motorized Boating		Swim	Picnic	Wildlife Viewing	Ice Fishing	Other			
Trego Park Boat Landing	4	0	4	3	0	0	0	0	0			
Trego Boat Landing	0	1	2	1	0	0	0	0	0			
Trego North Tailwater Access/Canoe Portage	7	0	0	0	0	0	0	0	1			
Trego South Tailwater Access	9	0	2	2	0	0	0	0	1			
Total	20	1	8	6	0	0	0	0	2			

# Table 5-5. Activities during visit to the Trego Project Area (January-February, April-September 2022)

The two visitors that identified other as their primary activity were hiking.

Visitors to both Projects were asked if they were prevented from participating in an activity of their choice and to provide the reasons why they were unable to engage in said activity. Of the 44 respondents at the Hayward Project, two provided comments regarding being unable to engage in an activity. One individual stated that they wanted to ride their All-Terrain Vehicle (ATV) but were unable to locate the trail and another individual stated that they were unable to use the restroom at the Hayward City Beach because a suspicious person was occupying the restroom for an inordinate amount of time. The remainder of the respondents at the Hayward Project, and all individuals interviewed at Trego, stated that they had not been prevented from engaging in the activities of their choice.

Recreationists were asked if they or anyone in their group had a physical condition or personal limitation that made it difficult to access or participate in an activity. All visitors at both Projects responded that they did not have a physical condition or personal limitation that made it difficult to access or participate in activities.

Users were asked multiple questions about resource crowding at recreation sites associated with both Projects. At Hayward, 83 of the 92 responses or 90% stated that the resources were not crowded (Table 5-6). Only three respondents indicated that at least some of the resources were moderately to extremely crowded.

(January-February, April-September 2022)									
Resource	Not Crowded	Slightly Crowded	Moderately Crowded	Very Crowded	Extremely Crowded				
Parking	33	4	0	1	0				
Trails	14	0	0	0	0				
Campground	11	0	1	0	0				
Boat-in Campsite	4	0	0	0	0				
Shore Fishing	13	2	0	0	1				
Boating	8	0	0	0	0				
Total Each Response	83	6	1	1	1				
Total No. Responses			92						

Table 5-6. Crowding during visit to the Hayward Project Area
(January-February, April-September 2022)

Similarly, 64 of 73 responses from individuals visiting the Trego Project area stated that the resources were not crowded (Table 5-7). Once again, only three responses indicated that at least some of the resources were moderately to very crowded.

(January-February, April-September 2022)						
Resource	Not Crowded	Slightly Crowded	Moderately Crowded	Very Crowded	Extremely Crowded	
Parking	25	2	0	0	0	
Trails	13	2	0	0	0	
Campground	2	0	0	2	0	
Boat-in Campsite	0	0	0	0	0	
Shore Fishing	17	2	1	0	0	
Boating	7	0	0	0	0	
Total Each Response	64	6	1	2	0	
Total No. Responses			73			

Table 5-7. Crowding during visit to the Trego Project Area(January-February, April-September 2022)

Visitors were asked if crowding caused them to change their plans. Overwhelmingly, 93% and 97% of visitors to the Hayward and Trego Project areas, respectively, responded that crowding did not affect their plans. Four individuals responded that crowding did affect them (i.e., three near Hayward and one near Trego). In each case, the individuals stated that they moved to avoid crowding.

When asked if crowding was a factor in their trip planning, 40 of 44 respondents at Hayward and 20 of 29 visitors to the Trego Project area said that crowding was not a factor considered in their trip planning. For those that did consider over-crowding in their trip planning, most said that they avoided certain times of the day while a few others said they avoided specific places.

In addition to crowding, visitors were asked if the behavior of an individual or group had interfered with the enjoyment of their trip. At both the Hayward and Trego Projects, 100% of respondents stated that no group or individual had interfered with the enjoyment of their trip.

Visitors were asked to rate their satisfaction with the amenities during their current visit; 1-very satisfied, 2-somewhat satisfied, 3-neither, 4-dissatisfied, and 5-very dissatisfied. At the Hayward Project, the average ratings given for the facilities among the locations ranged from 1.00 (very satisfied) to 5.00 (very dissatisfied) with an average rating of 1.89 between very satisfied and satisfied (Table 5-8).

While most visitors gave the facilities at the Hayward Project neutral or positive ratings, some negative ratings were received. Of the 44 respondents, 14 expressed dissatisfaction (i.e., dissatisfied or very dissatisfied) among the facilities at the Hayward Project. Dissatisfaction was primarily related to poor signage outside and within the facility at the Hayward Canoe Portage Take-Out (n=2). Lack of trash receptacles, poor signage, and inadequate parking were listed as reasons for visitor dissatisfaction at the Hayward Canoe Portage Trail and Put-In and Hayward Informal Tailwater access (n=2). At Hayward City Beach and Fishing Pier, poor signage, lack of trash receptacles, and restroom conditions were cited as reasons for dissatisfaction (n=10).

Average satisfaction ratings among the recreation amenities associated with the Trego Project ranged from 1.00 (very satisfied) to 4.00 (dissatisfied) with an overall average rating of 2.10 (Table 5-9).

Similar to the recreation facilities at the Hayward Project, most Trego Project amenities were rated neutral or better; however, a few negative ratings were received. Of the 29 visitors interviewed, eight expressed dissatisfaction (i.e., dissatisfied or very dissatisfied) with one or more of the amenities. At the Trego Park Boat Landing, dissatisfaction was voiced regarding the lack of signage (n=2). Four individuals collectively expressed dissatisfaction with the lack of trash receptacles, vehicle parking, roads to the facility, and/or signage at the Trego South Tailwater Access. Lastly, one individual described their dissatisfaction with the condition of the Trego Boat Landing signage, rocks at the end of the ramp and near the dock, as well as the lack of a restroom.

In terms of demographics regarding respondents at the Hayward Project, based on zip codes, 52% (n=22) of them were from Hayward while 31% (n=13) stated that they were from more than 25 miles away. The average distance traveled among the respondents was approximately 76 miles with the longest distance being approximately 600 miles.

The individuals interviewed at the Hayward recreation sites ranged in age from 18 to 75 years with the average age being 38 years old. Among those that provided their age, 62% were under the age of 40.

More than two-thirds (i.e., 70%) of those interviewed at the Hayward Project identified as being male, while women made up one-quarter of the visitors. Likewise, nearly 80% stated their ethnicity as White; however, 16% identified themselves as being Indigenous North American. Those claiming Asian and Hispanic ethnicity each made up approximately two percent of those interviewed.

Approximately 56% of those interviewed among the facilities associated with the Hayward Project stated that they obtained the information to plan their trip via "Other" and "Word of Mouth" while 40% said they planned their trip based on a "Previous Visit". Those responding "Other" identified internet resources most often while local retailers were commonly associated with "Word of Mouth" responses.

Visitors to the Trego Project facilities were less local but also traveled a shorter distance compared to Hayward Project area facilities. Of the 29 visitors interviewed, 24% (n=7) of the Trego respondents were from Trego while 52% (n=15) stated that they were from more than 25 miles away. The average distance travelled among the respondents was approximately 52 miles with the longest distance being approximately 175 miles.

The age of those interviewed at the Trego recreation sites ranged from 17 to 73 years old with the average age being 47 years old. Among those that provided their age, 59% were over the age of 50 years old.

The gender composition of Trego respondents was similar to Hayward with women representing one-quarter and men making up three-quarters. The Trego visitors that were interviewed represented a less diverse segment of the population compared to the Hayward Project. Approximately 97% stated their ethnicity as White with three percent identifying themselves as being Indigenous North American.

Approximately 95% of those interviewed stated that they obtained the information to plan their trip via "Word of Mouth" or based on a "Previous Visit".

Respondents were asked to comment on the amenities, needs, or concerns with the facilities near the Hayward and Trego Projects. Comments from the satisfaction portion of the survey, as well as general comments received at the end of the survey, were combined. While several positive comments about the facilities were given, some comments included recommended improvements. The comments were organized into two main categories: maintenance and new amenities.

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Sawyer and Washburn Counties, Wisconsin

City of Hayward

City of Hayward

Beach/Fishing

Pier

**Boat Landing** 

EA Engineering, Science, and Technology, Inc., PBC

Table	Table 5-6. Sausiacuon with the Hayward Project Area Facilities (January-February, April-September 2022)													
Location	Parameters	Restroom	Picnic Sites	Trash	Parking	Boat Launch Parking	Boat Launch	Boat Dock	Other Vehicle/ Boat	Roads to Facility	Signage to Facility	Signage within Facility	Other Roads/ Signage	
Doute's Dov	Number Responses	01	0	0	1	0	0	0	1	0	0	0	0	
Bartz's Bay	Average Rating				1.00				1.00					
Hayward Canoe	Number Responses	0	0	0	4	0	0	0	0	4	4	4	0	
Portage Take Out	Average Rating				2.00					1.25	3.00	3.00		
Hayward Canoe	Number Responses	1	1	1	1	0	0	0	0	1	1	1	0	
Portage Trail Put-In	Average Rating	1.00	2.00	5.00	1.00					1.00	1.00	1.00		
Hayward Informal	Number Responses	0	0	0	2	0	0	0	0	3	3	3	0	
Tailwater Access	Average Rating				3.00					2.33	3.00	3.00		
	Number	0	0	0	5	6	4	4	0	8	8	6	0	

6

1.67

0

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4

1.50

0

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0

0.00

0

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4

1.25

0

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8

1.38

26

1.50

8

1.38

26

2.15

6

1.17

26

2.19

0

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1

1.00

#### Table 5-8. Satisfaction with the Hayward Project Area Facilities (January-February, April-September 2022)

<sup>1</sup> 0 equals no response. Rating scale 1 to 5 (1 = Very Satisfied, 5 = Very Dissatisfied). See Appendix 1.

0

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10

2.10

5

1.20

22

1.36

0

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17

2.18

Responses

Responses

Average

Rating

Average

Rating Number 0

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15

1.53

De la constante				0	Ŷ.								
Location	Parameters	Restroom	Picnic Sites	Trash	Parking	Boat Launch Parking	Boat Launch	Boat Dock	Other Vehicle /Boat	Roads to Facility	Signage to Facility	Signage within Facility	Other Roads/ Signage
Trego Park Boat	Number Responses	01	0	0	2	2	2	2	0	2	3	3	0
Landing	Average Rating				3.00	3.00	3.00	3.00		3.00	3.67	2.33	
Trego Boat	Number Responses	5	0	1	7	0	0	0	1	8	7	5	0
Landing	Average Rating	1.00		1.00	1.29				1.00	1.00	1.00	1.00	
Trego North Tailwater/Canoe	Number Responses	1	0	1	6	4	4	1	0	6	6	6	0
Portage	Average Rating	3.00		3.00	1.00	2.25	2.00	3.00		1.17	2.00	2.00	
Trego South	Number Responses	0	0	1	11	0	0	0	1	12	11	11	0
Tailwater	Average Rating			4.00	2.00				1.00	1.83	2.09	2.36	

#### Table 5-9. Satisfaction with the Trego Project Area Facilities (January-February, April-September 2022)

<sup>1</sup> 0 equals no response. Rating scale 1 to 5 (1 = Very Satisfied, 5 = Very Dissatisfied). See Appendix 1.

For the facilities at the Hayward Project, new amenities were more often suggested than maintenance needs (Table 5-10). The City of Hayward Beach/Fishing Pier was the most visited facility at the Hayward Project and it received the most comments (n=21). The most frequent comments received were in regard to new or more signage, need for trash receptacles, and geese management. More or better signage was also mentioned for the Hayward Canoe Portage Take-Out and Carry-In Access while trash receptacles were also suggested for the Hayward Canoe Portage Trail and Put-In.

Location	Maintenance	New Amenities
City of Hayward Beach/Fishing Pier	-Restroom improvements (2) -Geese management (3) -Pavilion maintenance (1)	-Dog waste bag station (1) -Fishing pier (1) -New/more signage (4) -Trash receptacles (3) -Public Wi-Fi (1) -Campground (1) -Additional fishing pier (1) -Buoys for the beach (1) -Widen entry road (2)
City of Hayward Boat Landing		-Additional boat moorings (1)
Hayward Canoe Portage Take-Out and Carry-In Access		-More/better signage (2) -ADA viewing and parking (1)
Hayward Canoe Portage Trail and Put-In		-Trash receptacles (1) -Picnic table (1)

#### Table 5-10. Summary of comments received from interviews near the Hayward Project (January-February, April-September 2022), Subject (number of comments)

Among the facilities near the Trego Project, constructive comments were received at all four facilities (Table 5-11). The Town of Trego Park Boat Landing and Trego South Tailwater Access received the most comments for facilities near the Trego Project. As with the Hayward facilities, comments regarding new amenities such as signage, portable lavatories, and expanded tailwater fishing access were more common than maintenance related comments.

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# Table 5-11. Summary of comments received from interviews near the Trego Project(January-February, April-September 2022), Subject (number of comments)

Location	Maintenance	New Amenities
Town of Trego Park Boat Landing	-Replace signage (1) -Remove rocks at end of landing and by dock (1)	-Install portable lavatory (1) -Add marker to sign at CTH K Landing (1)
Town of Trego Boat Landing		-New\better signage (2)
Trego North Tailwater Access/Canoe Portage		-Trash receptacles (1) -Expand fishing area (1) -Rod holders on the railing (1)
Trego South Tailwater Access	-Replace signage (1)	-Trash receptacles (2) -New signage (1) -Expand fishing area (2) -Lighted stairway (1)

## 5.2 SPOT COUNTS

The 16 recreational surveys conducted at facilities near the Hayward Project resulted in 84 spot count reports across the surveyed locations. These spot counts observed 175 users total (Table 5-12, Appendix 6). The average spot count for the 16 surveys was 10.94 users per sampling day at the Project. Use of the City of Hayward Beach /Fishing Pier was substantially greater than the other five facilities surveyed and accounted for 81% of the user counts during 2022.

Among the eight months surveyed, April had the fewest total and average visits by recreational user (Tables 5-12). August had the highest user counts but July exhibited the greatest monthly average. The City of Hayward Boat Landing had the highest Winter counts (i.e., January and February) while the City of Hayward Beach\Fishing Pier saw the highest spring and summer spot counts.

		(Junua	e	<u>v⁄ 1</u>			,		
Month	Surveys	Bartz's Bay Informal Ice Fishing Access	Hayward Canoe Portage Take-Out and Carry-In Access	Hayward Canoe Portage Trail and Put-In	Hayward Informal Tailwater Bank Fishing Access	City of Hayward Boat Landing	City of Hayward Beach /Fishing Pier	Total by Month	Average by Month & No. Surveys
January	2	2	0	0	0	2	0	4	2.00
February	2	2	0	0	0	3	0	5	2.50
April	1	0	0	1	0	0	0	1	1.00
May	2	0	0	0	0	0	3	3	1.50
June	3	0	0	1	2	1	35	39	13.00
July	2	0	0	0	0	5	45	50	25.00
August	3	0	5	0	0	3	49	57	19.00
September	1	0	1	0	0	5	10	16	16.00
Total	16	4	6	2	2	19	142	175	10.94

 Table 5-12. Recreational use based on spot counts, near the Hayward Project (January-February, April-September 2022)

In addition to instantaneous site counts of recreation users at each location, the spot count forms identified 11 specific recreational activities and one "other" category (Appendix 1). These activities ranged from ATV/Snowmobiling and various types of boating to hiking, jogging, walking and wildlife viewing. Recreation users at the Hayward Project were observed participating in many of the aforementioned activities, with the exception of bicycling and bird watching. All of the recreationist observed at the Hayward Project during the winter were listed under "other" and were ice fishing. From July through September, the primary activities for most visitors were swimming and shore fishing.

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The 16 recreational surveys conducted at facilities near the Trego Project resulted in 64 spot count reports across the surveyed locations. Spot counts conducted at the Trego Project were noticeably lower compared to the Hayward Project. The Trego spot counts tallied 34 users total (Table 5-13). The average spot count for the 16 surveys was 2.13 users per sampling day at the Project. Unlike the Trego recreational interviews, which were highest at the tailwater facilities, spot counts were highest at the Town of Trego Boat Landing followed by the Town of Trego Park Boat Landing.

February had the fewest total and average visits by recreational user over the eight survey months (Tables 5-13). Similar to Hayward, the highest user count at Trego was in August, which also exhibited the highest average count. Trego spot counts were similar among the months and seasons with the exception of August, which was substantially higher.

# Table 5-13. Recreational use based on spot counts, near the Trego Project (January-<br/>February, April-September 2022)

Month	Surveys	Town of Trego Park Boat Landing	Town of Trego Boat Landing	Trego North Tailwater Access/Canoe Portage	Trego South Tailwater Access	Total by Month	Average by Month & No. Surveys
January	2	0	2	0	0	2	1.00
February	2	0	0	0	0	0	0.00
April	1	1	0	0	1	2	2.00
May	2	1	0	2	0	3	1.50
June	3	0	1	1	0	2	0.67
July	2	3	0	0	1	4	2.00
August	3	3	9	3	2	17	5.67
September	1	1	0	2	1	4	4.00
Total	16	9	12	8	5	34	2.13

Among the 11 specific recreational activities, visitors to the Trego area were observed participating in seven activities. The four activities that were not observed include swimming, picnicking, bird watching, and ATV/Snowmobiling. Winter activities were minimal and restricted to walking. However, summer activities were largely split between power boating and shore/tailwater fishing.

# 5.3 FUTURE AND POTENTIAL RECREATION

Future and potential recreation use questionnaires were mailed to representatives from the City of Hayward, Hayward Area Chamber of Commerce, Sawyer County, Town of Trego, Trego

Lake District (TLD), Washburn County, and NPS on July 14, 2022. Delivery on July 18, 2022 was confirmed for each recipient (Appendix 2). Among the seven stakeholder entities that received the questionnaire, only the TLD and NPS responded. The following is a summary of their responses with complete responses provided by each stakeholder included in Appendix 7.

# 5.3.1 National Park Service

Stakeholders were asked about their interest in recreation sites in the vicinity of the Hayward and Trego Projects as well as their primary function and responsibilities with regard to the recreation sites. NPS responded that the Namekagon River is protected as part of the Wild and Scenic Rivers system and the National Park system. The Namekagon River is managed by St. Croix National Scenic Riverway for "*the preservation and protection of the aquatic, cultural, recreational, scenic-aesthetic, water quality, and free-flowing condition values*". The NPS does not manage all recreation sites near the Hayward and Trego Projects but has "*an interest in providing safe, high-quality recreational opportunities to the public as part of the NPS experience*".

NPS owns and manages the County K Landing, which is downstream of the Trego Project. In addition, the NPS Namekagon River Visitor Center in the Town of Trego and the Earl Landing in the Town of Earl are between the Hayward and Trego Project areas but within the responsibilities of NPS. Amenities associated with the County K Landing include a gravel river access, picnic tables, interpretive and informational signage, paved parking lot, and vault toilet. The amenities at Earl Landing include a gravel parking area, concrete boat ramp, vault toilet, primitive camping, potable water, and picnic tables.

NPS reported that Namekagon River access points near the Visitor Center on the north and south banks of the river were removed due to redevelopment of the Highway 63 and Highway 53 Interchange project and the removal of the Lakeside Road Bridge. As such, no facilities remain at these locations. The removal of these two access points has reduced recreational access to the Namekagon River and near the Hayward and Trego Projects. The NPS is considering a river access point to the east of the Namekagon River Visitor Center, near the Highway 63 Bridge. NPS noted that parking capacity is frequently exceeded at Earl Landing. As such, NPS is set to begin the design process to improve conditions at the Earl Landing during Fiscal Year 2024.

# 5.3.2 Trego Lake District

The TLD described itself as "a specialized unit of government created to manage Trego Lake with a legal responsibility to support and encourage the preservation of the natural beauty, peacefulness, safety, and recreational value of the shoreline and waters of Trego Lake, and to coordinate with the various public and private organizations in these efforts". The TLD encompasses the water and shoreline from the Trego Project to the Highway 53 bridge and is managed by those owning property within the boundary. There are approximately 275 landowners that have access to the lake from their property. TLD works with Wisconsin Department of Natural Resources to analyze water quality, protect the fishery, maintain and mark navigation channels, and coordinate control of aquatic invasive species (AIS) in the lake.

Recreational activities on Trego Lake, including boating, swimming, and fishing, are all impacted by sedimentation buildup and AIS. In conjunction with the Town of Trego, TLD operates and maintains the Trego Landing. In addition, a private resort and campground (i.e., Bay Park Resort and Campground) is situated on Trego Lake. TLD stated that these sites have not exceeded capacity or experienced insufficient parking.

In terms of future management and enhancement of recreational opportunities, TLD will continue to manage AIS and navigation through aquatic macrophyte harvesting and spot dredging. In 2023, via a tax levy on members, TLD intends to expand AIS control through additional macrophyte harvesting as identified in their Aquatic Plant Management Plan. Despite these efforts, TLD foresees the need to further expand AIS and sedimentation management within the district to enhance the resource and improve recreational opportunities near the Trego Project. TLD also expressed concern over the loss of Namekagon River due to the Trego interchange development access (see NPS discussion above) and believes those former access points need to be replaced.

### 6. CONCLUSIONS

Overall, the six Hayward Project and four Trego Project recreational locations were considered in good condition during the 2022 surveys. The inventory identified one facility and amenity that required maintenance and that was related to signage at the Hayward Canoe Portage Trail and Put-In. Most recreational facilities at the Hayward and Trego Projects received low to moderate use during the 2022 survey events. The lone exception was at the Hayward City Beach/Fishing Pier, which received periodic moderate to high use, particularly in June, July, and August. Despite the high use at the Hayward City Beach/Fishing Pier, based on the facility assessments, observations, spot counts, and user interviews, this facility does not appear to be overused and overcrowding is infrequent. With the exception of the Hayward City Beach/Fishing Pier, crowding or lack of capacity was not observed during the surveys.

A few respondents requested improved signage at NSPW-owned recreation locations (Tables 5-10 and 5-11). Improved signage was requested for both the Hayward Canoe Portage Take-Out and Carry-In Access and the Trego South Tailwater Access. The Hayward Canoe Portage Take-Out and Carry-In Access is visibly marked for recreation users both on the water and on land (Appendix 3, Photos 9, 12, 13, 14, 17, and 19). Therefore, additional signage is unnecessary at this time. Likewise, one respondent suggested that the signage at the Trego South Tailwater Access is faded (Appendix 3, Photo 120). While somewhat faded, the signage remains completely readable such that replacement is unnecessary at this time.

For the Hayward project, one individual suggested that an ADA parking and viewing area would benefit the public at the Hayward Canoe Portage Take-Out and Carry-In Access (Table 5-10). Given the open, level, and relatively obstacle free area at the Hayward Canoe Portage Take-Out and Carry-In Access, it is recommended that NSPW evaluate the possibility for an ADA parking and viewing area. In addition, one respondent requested that a picnic table be located along the Hayward Canoe Portage Trail and Put-In. Given the ample space available along the portage trail, near the take out, carry-in access, informal bank fishing access, or at the loop near the canoe portage put-in, it is recommended that NSPW evaluate the possibility of installing a picnic table near the Hayward Canoe Portage Trail and Put-In.

Three respondents suggested that the Trego North Tailwater Access and Trego South Tailwater Access fishing areas are in need of expansion (Table 5-11). However, based on actual observed use throughout the Trego recreation survey, the facilities are more than adequate to support the number of individuals visiting them. In fact, among the 16 surveys conducted, the number of individuals using the north or south tailwater fishing areas exceeded one individual on two occasions and in both cases there were two people using the access compared to eight surveys when no users were observed at either tailwater access (Appendix 6). Therefore, use of these resources suggests that expansion of the north and south tailwater fishing areas at the Trego Project is unnecessary.

While there may be legitimate needs for future improvement or expansion of recreational resources in the vicinity of the Projects, the low to moderate observed use during these surveys

suggests that the capacity of the Hayward and Trego recreational resources is sufficient now and in the foreseeable future.

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Appendix 1 Field Forms

Location:		Recreatio	n In	ventory	and Co	ondi	tion Ass	sessm	ent							
Location.														Date:	:	
Hayward Hydroel	ectric Project P-2417															
Survey Person:																
GPS Location:																
Amenity Photo N	umbers:															
Shoreline Photo N	Numbers:															
Entryway Photo N	lumber:															-
								ion o	f Ame	nity:						
								Needs I	Replace	ment (NI	R)					
								ble (N)								
								epair (R	:)							Barrier
								laintena	ance (M	)						Free?
Type of Amenity:		Qu	Quanitity of Amenities:			es:	-Good W	orking (	Conditio	n (G)		Note	s:			(Y or N)
Boat Launch		Lane	s: 1	La	unches:	1	NR	Ν	R	Μ	G					
Scenic Overlook							NR	Ν	R	М	G					
Tailwater Access	Tailwater Access						NR	Ν	R	Μ	G					
Restroom							NR	Ν	R	М	G					
Trash Receptacles							NR	Ν	R	Μ	G					NA
	Other (picnic units, informal trails, camping, etc.)						NR	Ν	R	М	G					
Parking		No	No. Spaces (each type):									Cond	ition	•		Notes:
		Stan	dard:	Barrie	er-Free:		Trailer: Other (specify):									
												Ν	R	М	G	Gravel?
Signage:	Number:		nditio				Comm	ents:	Provi	de De	tails	on whi	ch si	gns ne	ed att	ention.
FERC Project Sign		NF		N R	Μ	G										
Regulations Signs		NF		N R	Μ	G										
Divertievel		NF		N R	Μ	G										
Directional		NF		N R	Μ											

		F	Recre	atio	n Inv	/en <sup>+</sup>	tory and C	Condi	tion /	lssessi	ment		
Location:												Date:	
Trego Hydroelect	tric Project P-2711												
Survey Person:													
GPS Location:													
Amenity Photo N													
Shoreline Photo N	Numbers:												
Entryway Photo N	Number:												
							Condition	n of /	Amen	ty:			
							-Missing-Nee	eds Rer	olaceme	nt (NR)			
							-Not Usable (	(N)					
							-Needs Repai	air (R)				7	Barrier
						ſ	-Needs Main	ntenanc	:e (M)			7	Free?
Type of Amenity:				i Ame	enitie	es:	-Good Worki	ing Cor	dition (	G)		Notes:	(Y or N)
oat Launch		Lanes: 1		Lĩ	aunche	es: 1	NR	Ν	R	М	G		
Scenic Overlook						NR	Ν	R	Μ	G			
Tailwater Access							NR	Ν	R	Μ	G		
Restroom							NR	Ν	R	Μ	G		
Trash Receptacle	.s						NR	Ν	R	Μ	G		NA
Other (picnic unit	ts, informal trails, camping, etc.)						NR	Ν	R	Μ	G		
Parking		No. Sr	No. Spaces (each type				e):					Condition:	Notes:
		Standard	d:	Barrie	er-Free	e:	Trailer: Other (specify):					7	
							í					N R M G	Gravel?
Signage:	Number:	Condit	tion:				Commen	nts: Pr	rovide	• Deta	ils on w	vhich signs need attention.	
FERC Project Sign		NR	Ν	RΙ	M	G	1						
Regulations Signs		NR	Ν	R I	M	G	í						
Directional		NR	Ν	R I	M	G	i i						
Interpretive		NR	Ν	R I	M	G	i						
Additional Comm	ients:												
	ns of overuse or anything observed	that is no	ot alr	eady	/ doc	um	nented ab	ove.					
• -			_			_							
l l													

# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which **ONE** of these activities is your **PRIMARY ACTIVITY** on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - YES NO
  - (B): If YES: What was it? \_\_\_\_\_

(	(C)	: Which	of the	following	reasons, if an	v. explain	why vo	ou did not	engage in	the activity?
			or the	1011011116	reasons, n an	y) chpiani	, , .			circ accivicy.

Rules or regulations did not allow for activity
Area was temporarily closed to the public
Not enough time
Safety concerns
Not enough information about the activity
Too crowded
Difficult road or trail access
No road or trail access
Unsatisfactory facilities or conditions of land or water (please specify)
Resource damage due to overuse
No facilities or services
Bad weather
Flooding or other natural hazard
Other (please specify)

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe): \_\_\_\_\_\_

(A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir?
 [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

	YES
--	-----

🗌 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

Page 2 of 4

6.	During the planning process for your visit, how did the possibility of crowds affect your trip plans?
	(Please select one response)
	<ul> <li>I visited at a time of day I thought would be less crowded</li> </ul>
	I visited on a day of the week I thought would be less crowded
	I avoided places here I thought would be crowded today
	Other (please specify)
7.	Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip?
	If yes, what type of group or person interfered with your enjoyment on this trip?

Group/Person	Reason(s)		
	Proximity	Loudness	Other (please specify)
Motorized boaters			
Non-motorized watercraft			
Vehicles			

8. How satisfied were you with the following amenities at this recreation facility/reservoir today. Important: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5		
Picnic sites	1	2	3	4	5		
Trash receptacles	1	2	3	4	5		
Vehicle parking areas	1	2	3	4	5		
Boat launch parking area	1	2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5		
Roads to facility	1	2	3	4	5		
Signage to the facility	1	2	3	4	5		
Signage within the facility	1	2	3	4	5		
Other:	1	2	3	4	5		

9. How did you obtain information to plan your current	trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in th	e United States?
ZIP code: or, country (if not the Unit	ed States):
What is your age:	
What is your gender?  Male Female	Non-binary
Which of these categories best indicates your race and eth Please select one or more.	nnicity? Answer only for yourself.
	White ic or Latino Don't know spanic or Latino
Please let us know if you have any additional comments re (contact information)	egarding your recreation experience during your visit:

		Recr	eation C	)bserva	tion (S	pot Cou	ınt) For	m							
Date:							Time:								
Hayward Project P-24	17														
Survey Person:															vity by placing a "P" in
Temperature:		Weather:				Wind S	peed:					the box.	Use and "	S" for seco	ondary activities.
							Rec	creatior	n Activit	ies					
Recreation Site		Number of People	Shoreline Fishing	Boat Fishing	Swimming	Hiking/Walking/Jogging	Bicycling	Picnicking	Bird Watching	Wildlife Viewing	Non-Powered Boating	Power Boating	ATV/Snowmobile	Other (specify)	Notes
Canoe Portage Take-C	Out & Carry-In Reservoir Access														
Informal Tailwater Bai	nk Fishing Area														
Hayward City Boat Lar	nding														
Hayward City Beach/B	Barrier-Free Fishing Pier														
Bartz's Bay Informal Ic	ce Fishing Access (Jan & Feb only)														
Canoe Portage Trail ar Informal Tailwater Bar Hayward City Boat Lar Hayward City Beach/B	nd Put-In nk Fishing Area nding Barrier-Free Fishing Pier ce Fishing Access (Jan & Feb only)														

Recreation Observation (Spot Count) Form														
ate: Time:														
Trego Project P-2711														
Survey Person:														vity by placing for secondary
Temperature:	Weather:				Wind S	peed:					activities.	IC DOX. 0.		for secondary
		Recreation Activities												
Recreation Site	Number of People	Shoreline Fishing	Boat Fishing	Swimming	Hiking/Walking/Jogging	Bicycling	Picnicking	Bird Watching	Wildlife Viewing	Non-Powered Boating	Power Boating	ATV/Snowmobile	Other (specify)	Notes
Town of Trego Park Boat Landing													-	
Town of Trego Boat Landing														
Trego North Tailwater Access (Canoe Portage)														
Trego South Tailwater Access														
Additional Comments:														

# Appendix 2

# **Future and Potential Recreation Questionnaire**



Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of relicensing the Hayward and Trego Hydroelectric projects (Projects) located on the Namekagon River in Sawyer and Washburn Counties, respectively. The Projects are owned, operated, and maintained by NSPW and currently operate under licenses issued by the Federal Energy Regulatory Commission (FERC). In order to continue to operate and maintain the Projects, NSPW must apply for subsequent licenses from the FERC. A final license application must be submitted to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is gathering information about potential recreation needs in the vicinity of Projects.

The Hayward Project vicinity is defined as the area within  $\frac{1}{4}$  mile of the shoreline between  $\frac{1}{2}$  mile downstream and 2  $\frac{1}{2}$  miles upstream of the Hayward Dam. The Trego Project vicinity is defined as the area within  $\frac{1}{4}$  mile of the shoreline between  $\frac{1}{2}$  mile downstream and 5  $\frac{3}{4}$  mile upstream of the Trego Dam.

If you have any questions, please contact Matthew Miller at <u>matthew.j.miller@xcelenergy.com</u> or 715-737-1353.

1. Information about person completing the questionnaire:

Name & Title:		
Organization:		
Address:		
Phone:		
Email Address:		

2. Is your organization responsible for or interested in recreation sites, amenities, formal access sites, or planning for recreation sites within the Project vicinity as defined above?

Yes (Please proceed to 2a below)

No (No additional information is needed and thank you for your input)

a. Please describe your primary function pertaining to recreation and list any recreation sites or access sites (formal or informal) in the Project vicinity you are responsible for or have interest in the space provided below: (Additional information may be provided on the final sheet of this questionnaire.)

Please proceed to question 2b on the next page.



b. Please list all recreation amenities available at each recreation site or access site you manage or have an interest in (e.g. docks, restrooms, parking areas, interpretive signage, picnic tables, trails, etc.) below: (Additional information may be provided on the final sheet of this questionnaire.)

c. Please provide the location of each site listed above using a the enclosed map, street address, or GPS location: (Additional information may be provided on the final sheet of this questionnaire.)

d. Have any of the sites or amenities listed in 2a and 2b exceeded capacity or not had sufficient parking? (Additional information may be provided on the final sheet of this questionnaire.) Yes (Please list location, amenity and when capacity is exceeded.) No No **Recreation Site/Amenity** Event(s) Exceeding Capacity

Please proceed to question 2e on the next page.



Phone: Email:

e. Do you have any planned improvements for the recreation sites listed in 2a and amenities listed in 2b or any plans for development of new recreation sites? (Additional information may be provided on the final sheet of this questionnaire.)

Planned Improvements/Locations	Anticipated Opening Date
Yes (Please list location, planned improvement, and anticipated opening date below.)	□ No

f.	Do you believe additional recreation sites/amenities are needed, or any enhancements are needed at existing recreation sites, within the Project vicinity? (Additional information may be provided on the final sheet of this questionnaire.)
	Yes (Please list reasoning below.)
Ad	ditional Recreation Sites/Amenities Reasoning
g.	Please indicate if there is a specific representative you wish to designate as a follow-up contact to be used by Xcel Energy or their representative (Additional information may be provided on the final sheet of this questionnaire.)
Re	presentative Contact Information
Ν	ame:
A	ldress:



Additional Information or Comments: (Please indicate applicable section)	

Please return this questionnaire to Xcel Energy in the enclosed self-addressed, stamped envelope or via email at the email address below within 30 days of receipt to allow for follow-up contact by Xcel or Xcel's representative, if needed. Not responding within 30 days will indicate you or your agency are not aware of any relevant information regarding potential recreation needs in the vicinity of the Hayward or Trego Hydroelectric Projects.

Comments, questions, and/or this completed questionnaire may also be sent via email to: Matthew.J.Miller@XcelEnergy.com

# Stakeholder Questionnaire Recipients and Addresses

Name	Address	Project	Shipped Date	Delivered Date
Lisa Poppe	15889 W. 3rd St., Hayward WI 54843	Hayward	7/14/2022	7/18/2022
John McCue	15889 W. 3rd St., Hayward WI 54843	Hayward	7/14/2022	7/18/2022
Chris Ruckdaschel	15805 US Hwy 63 Hayward, WI 54843	Hayward	7/14/2022	7/18/2022
Andy Albarado	10610 Main St., Suite 23, Hayward, WI 54843	Hayward	7/14/2022	7/18/2022
Patti Butterfield	N8561 Lakeside Road, Trego, WI 54888	Trego	7/14/2022	7/18/2022
Wes Huffer	N8521 US Hwy 53, Trego, WI 54888	Trego	7/14/2022	7/18/2022
Tom Frost	N7558 Wood Drive, Trego, WI 54888	Trego	7/14/2022	7/18/2022
Charlie Petersen	5504 12th Ave South, Minneapolis, MN 55417	Trego	7/14/2022	7/16/2022
Lolita Olson	10 4th Avenue, Shell Lake, WI 54871	Trego	7/14/2022	7/18/2022
Terri Hogan	401 N. Hamilton Street, St. Croix Falls, WI 54024	Trego/Hayward	7/14/2022	7/18/2022
Lisa Yager	401 N. Hamilton Street, St. Croix Falls, WI 54024	Trego/Hayward	7/14/2022	7/18/2022

UPS Jackson, Katelyn UPS Delivery Notification, Tracking Number 1Z6545880390268269 Monday, July 18, 2022 3:52:29 PM

# ?

### Hello, your package has been delivered.

Delivery Date: Monday, 07/18/2022 Delivery Time: 3:50 PM Signed by: YOUNG

## **E A SCIENCE & TECH**

Tracking Number:	<u>1Z6545880390268269</u>
Ship To:	SAWYER COUNTY ADMINISTRATOR 10610 MAIN ST. SUITE 23 HAYWARD, WI 548436584 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.1LBS
Reference Number:	2172
Reference Number:	1615402 0002 ****

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# **E A SCIENCE & TECH**

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Ship To:	NPS ST. CROIX NTL. SCENIC RIVERWAY 401 N. HAMILTON STREET SAINT CROIX FALLS, WI 540249214 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.1 LBS
Reference Number:	2172
Reference Number:	1615402 0001 ****

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E A SCIENCE & TECH		
Tracking Number:	<u>1Z6545880392797872</u>	
Ship To:	TOWN OF TREGO N8521 U.S. HWY. 53 TREGO, WI 548889443 US	
Number of Packages:	1	
UPS Service:	UPS Ground	
Package Weight:	0.1 LBS	
Reference Number:	2172	
Reference Number:	1615402 0001 ****	
<b>Download the UPS mobile app</b>	2	

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## **E A SCIENCE & TECH**

Tracking Number:	<u>1Z6545880393033284</u>
Ship To:	WASHBURN COUNTY CLERK 10 4TH AVENUE SHELL LAKE, WI 54871 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.1 LBS
Reference Number:	2172
Reference Number:	1615402 0001 ****

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Delivery Date: Monday, 07/18/2022 Delivery Time: 3:54 PM Signed by: METCALF

# **E A SCIENCE & TECH**

Tracking Number:	<u>1Z6545880395275457</u>
Ship To:	CITY OF HAYWARD 15889 W. 3RD ST. HAYWARD, WI 548437110 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.1 LBS
Reference Number:	2172
Reference Number:	1615402 0002 ****

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#### Hello, your package has been delivered.

Delivery Date: Monday, 07/18/2022 Delivery Time: 10:24 AM Signed by: ELIZABETH

# **E A SCIENCE & TECH**

Tracking Number:	<u>1Z6545880395460514</u>
Ship To:	NPS ST. CROIX NTL. SCENIC RIVERWAY 401 N. HAMILTON STREET SAINT CROIX FALLS, WI 540249214 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.1 LBS
Reference Number:	2172
Reference Number:	1615402 0002 ****

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UPS Jackson, Katelyn UPS Delivery Notification, Tracking Number 1Z6545880396896463 Monday, July 18, 2022 3:55:55 PM

# ?

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Delivery Date: Monday, 07/18/2022 Delivery Time: 3:54 PM Signed by: METCALF

# **E A SCIENCE & TECH**

Tracking Number:	<u>1Z6545880396896463</u>
Ship To:	CITY OF HAYWARD 15889 W. 3RD ST. HAYWARD, WI 548437110 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.1 LBS
Reference Number:	2172
Reference Number:	1615402 0002 ****

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Hello, your package has been delivered.Delivery Date:Saturday, 07/16/2022Delivery Time:3:49 PM		
3		
Set Delivery Instructions	Manage Preferences	View My Packages
E A SCIENCE & TECH		
Tracking Number:	<u>1Z6545880397166508</u>	
Ship To:	TREGO LAKE DISTRICT 5504 12TH AVENUE SOUTH MINNEAPOLIS, MN 554172 US	
Number of Packages:	1	
UPS Service:	UPS Ground	
Package Weight:	0.1LBS	
Reference Number:	2172	
Reference Number:	1615402 0001 ****	
Download the UPS mobile app	2	

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Pello, your package has bee         Delivery Date:       Monday, 07/18/         Delivery Time:       10:11 AM		
	2	
Set Delivery Instructions	Manage Preferences	View My Packages
E A SCIENCE & TECH		
Tracking Number:	<u>1Z6545880398399096</u>	
Ship To:	TREGO LAKE DISTRICT N7558 WOOD DRIVE TREGO, WI 548889322 US	
Number of Packages:	1	
UPS Service:	UPS Ground	
Package Weight:	0.1 LBS	
Reference Number:	2172	
Reference Number:	1615402 0001 ****	
Download the UPS mobile ap	P	

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Pello, your package has been         Delivery Date:       Monday, 07/18/         Delivery Time:       2:37 PM		
	2	
Set Delivery Instructions	Manage Preferences	View My Packages
E A SCIENCE & TECH		
Tracking Number:	<u>1Z6545880399802281</u>	
Ship To:	TOWN OF TREGO N8561 LAKESIDE RD. TREGO, WI 548889467 US	
Number of Packages:	1	
UPS Service:	UPS Ground	
Package Weight:	0.1 LBS	
Reference Number:	2172	
Reference Number:	1615402 0001 ****	
<b>Download the UPS mobile app</b>	2	

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UPS Jackson, Katelyn UPS Delivery Notification, Tracking Number 1Z6545880399980071 Monday, July 18, 2022 10:41:41 AM

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#### Hello, your package has been delivered.

Delivery Date: Monday, 07/18/2022 Delivery Time: 10:39 AM Signed by: MORELAND

#### **E A SCIENCE & TECH**

Tracking Number:	<u>1Z6545880399980071</u>
Ship To:	HAYWARD AREA CHAMBER OF COMMERCE 15805 U.S. HWY. 63 HAYWARD, WI 548437102 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.1 LBS
Reference Number:	2172
Reference Number:	1615402 0002 ****

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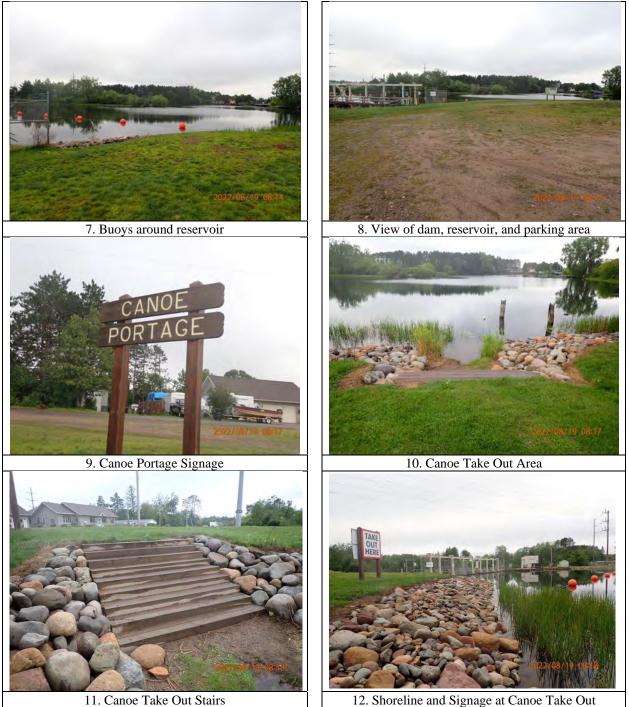


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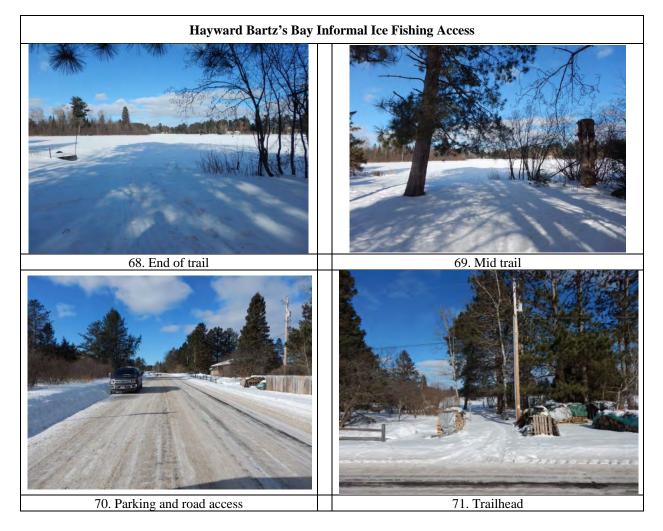
















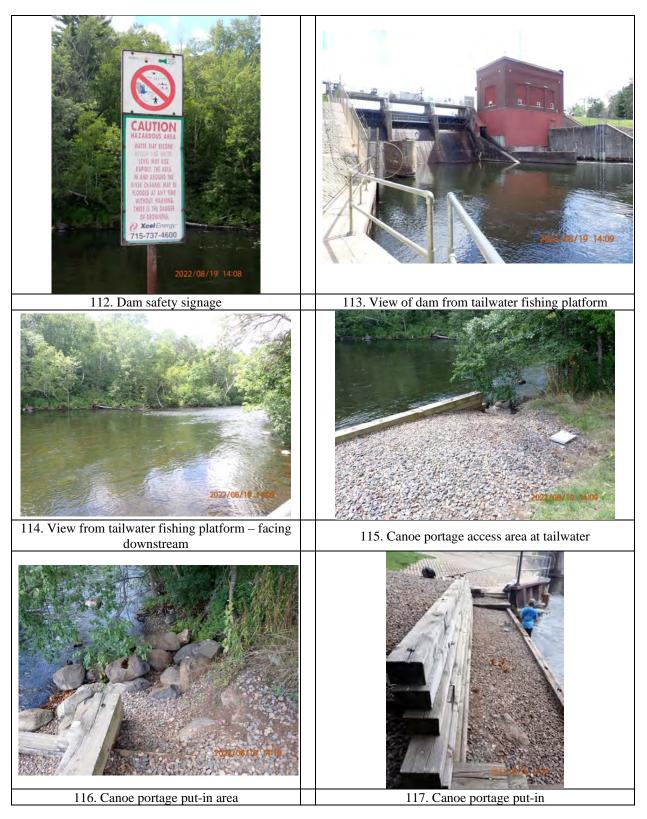


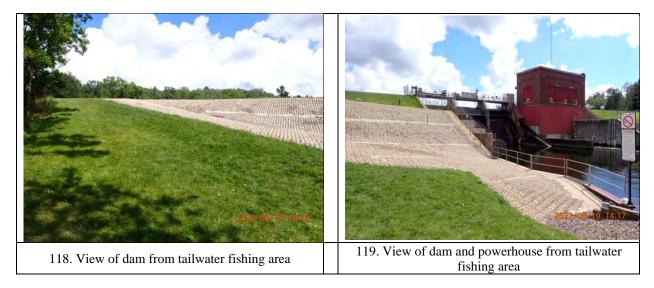


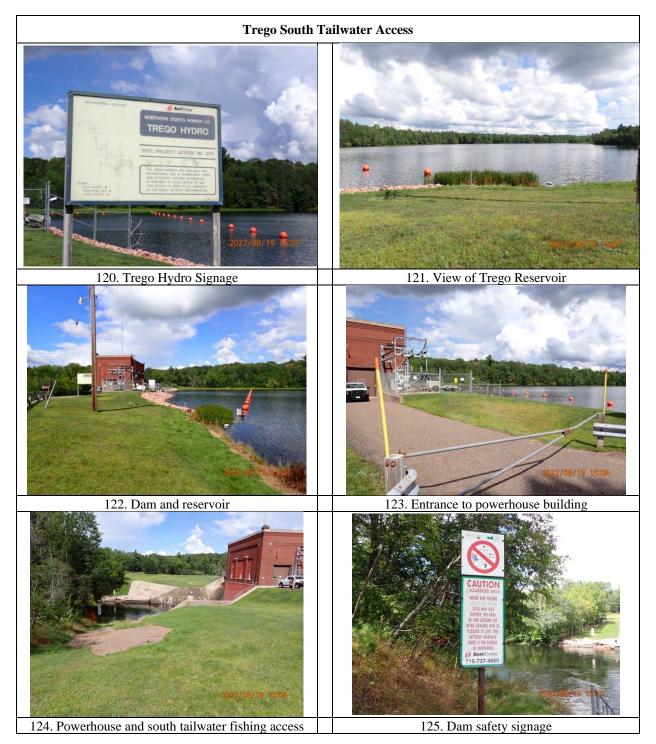


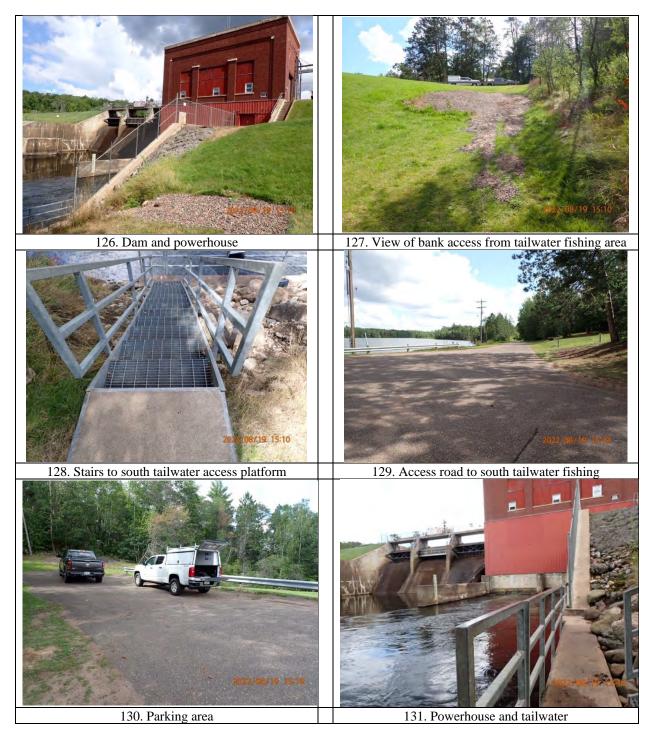














### Appendix 4

## **Recreation Inventory Assessment Raw Datasheets**

	reation	Inven	tory	and Co	ondi	tion Ass	essm	ent	NC SA					
Location: Bartz's Bay Informal Ju	CEF	shin	۹ ¥	ACCES	55								Date:	1/27/2022
Hayward Hydroelectric Project P-2417												1218		
Survey Person: MRen: K										- 120 Ari	1			and the second state of the second
GPS Location: NYC,00267			WC	591.4	159	26	0, 74 F.							
Amenity Photo Numbers:	151													
Shoreline Photo Numbers:			52											
Entryway Photo Number:	<u>  151</u>	193	internet and	Section de	ti date	-		a i Saidin	2010 <b>-</b> 1409-02	CP RELEVEN	Bastán (a		ana	and another to the shakes in
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						-Missing-	R. Carrier Mart	Hand-Care -	ment (N	IR)				
						-Not Usal	ê Gutorisetît	and a state						
						-Needs R		2322 222 - 1993						Barrier
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Type of Amenity. Boat Launch	Lanes:			unches:		-Good W	orking N	R		G	1 A A A A A A A A A A A A A A A A A A A	s: N/A	er en ser de la ser L	(Y or N)
Scenic Overlook	anes:	<u> </u>	La	uncres:	T	NR	N	R	<u>M</u> M	G	<u> </u>	1 1		
Tailwater Access						NR	N	R	M	G		+		
Restroom	27 45					NR	N	R	M	G		1		
Trash Receptacles	All I Sult					NR	N	R	M	G		$\overline{\nabla}$		NA
Other (picnic units, informal trails, camping, etc.)	80 81 Tas	forma	1 7	(a.) 1		NR	N	R	M	ത				
Parking		Spaces			- <b>1</b> -		35) arta	an a			Cond	ition:	Antonia a la factoria	Notes:
side of Road	Standa			er-Free:		Trailer:		Other (s	necīfi/)·					
- 21016 20 ~~		an a						And the second s	ima l	<u> </u>	N	R	M (G	Gravel?
Signage: Number:	Cond	lition:		i de la compañía de l		Comm	ents:	Provi	ide De	etails o	on wh	ich sie	ns need a	ttention.
FERC Project Sign	NR	N	R	M	G	Into			V/A	•				E NOGO DA DE POMARA AVI
Regulations Signs	NR	N	R	М	G		)	<u> </u>	<u> </u>					
Directional	NR	N	R	М	G		- i							
Interpretive	NR	N	R	М	G		Ý				• •			
Additional Comments: Describe any signs of overuse or anything observed tl				docum										<u>~</u>
Parking Notes: Plowed wider to allow within enlarged partion. O	sche /	vehic	1g Ies	ccess	5. J	erk o	(a   1; ~ 1	c <b>opp</b> fo Vornu	el R	willy ocd	G ha =bove	iéhi( , and	les can l below	kit Section
													,	

Survey Person:	M. Sneen J Arbuc	hle													
GPS Location:	N46,00924 W091,4790				AD	83			84.2						
Amenity Photo Num		i –		<u>, , , , , , , , , , , , , , , , , , , </u>					e jepane i njeda pod	nyan ne rana ya	<u>n an an an Anna an Anna</u>	la ten en e	e district victore e.g.	(1999) (1	1 
Shoreline Photo Num	nbers:					•									
Entryway Photo Num	nber:														
							Condit	ion c	of Ame	nity:					
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							-Not Usat	ole (N)				1	in Const Second		
							-Needs Re	epair (I	<b>3)</b>						Barrier
							-Needs M	lainten	ance (M			]			Free?
ype of Amenity:		Quar	nitity	of Am	neniti	es:	-Good Wo	orking	Conditio	n (G)		Notes:			(Y or N)
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Scenic Overlook				Ø			NR	Ν	R	М	G				
ailwater Access		L		T			NR	N	R	Μ	G	<u> </u>			
Restroom		<b></b>		Ø			NR	Ν	R	M	G				
rash Receptacles		<u> </u>		<u>~</u>			NR	N	R	M	G				NA
	nformal trails, camping, etc.)			Ø			NR	N	R	Μ	G				
Parking		No. S		Land States of		e):						Condition	•		Notes:
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			n Defa Jac	dalar dalar	and and a	arten Seite	<b>.</b>	80- <b>2</b> .87	3 <b></b> 25 a.e. 4	1000	1. <b>.</b>	N R	M	$\odot$	Gravel
lignage:	Number:	Cond NR	N	R	M	G	Comm	ents:	Provi	ae De	talls o	on which si	gns nee	ed atte	ention.
ERC Project Sign	- P	NR	 N	R	M	Ġ	>		<del></del>						
egulations Signs	**** ***	NR	N	R	M	G	·								
		NR			M	G					•				
nterpretive				11	141	- ( U,	í								

· .

Hayward Hydroelectric Project P-2417	Fish Pier		Date: 5	12/2022
Survey Person: M. Sneph J. Arbu		· 17,281		
	,47749			
Amenity Photo Numbers:				
Shoreline Photo Numbers:				
Entryway Photo Number:		·		Manual 1 1 1 1 1 1 1 1 1 1 1 1 1
		Condition of Amenity:		
		-Missing-Needs Replacement (NR)		
		-Not Usable (N)		
		-Needs Repair (R)	В	arrier
		-Needs Maintenance (M)	[안내] 관계 전체 전체 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ree?
Type of Amenity:	Quanitity of Amenities:		Notes: (Y	'or N)
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Scenic Overlook		NR N R M G		
Tailwater Access		NR N R M G		
Restroom	TFOHM	NR N R M 🜀		
Trash Receptacles		NR N R M G	N	IA
Other (picnic units, informal trails, camping, etc.)	13 picnic tables	NR N R M 🔞		
Parking	No. Spaces (each type):		Condition:	lotes:
	Standard: Barrier-Free:	Trailer: Other (specify):	6	
	22 2		$\sim$	Gravel2
Signage: Number:	Condition:	Comments: Provide Details o	n which signs need atten	tion.
ERC Project Sign	NR N R M G			
Regulations Signs	NR N R M	Traffic beach		
Directional	NR N R M G			
Interpretive	NR N R M G			· · · ·

 $\sim$ 

	Recreat			and C	ondi	tion Ass	essm	ent		5.63 ja	adere:		
ocation: Huy ward Canse Portage T	Trail +	Put	-In									Date:	5/1/202
Hayward Hydroelectric Project P-2417	<u> 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993</u>												e kati i
Survey Person: M. Sneen J		<u>cklu</u>											
SPS Location: NY600563 NO	91.48509		N	4D	83	3	1						
Amenity Photo Numbers:													
Shoreline Photo Numbers:													
ntryway Photo Number:													
						Condit	ion o	f Ame	nity:		Rower Street		
						-Missing-	Needs F	Replace	nent (N	R)			
						-Not Usal	ole (N)			1 - Z			
						-Needs R	epair (R	)	1 2 A	1.			Barrier
						-Needs N	laintena	ance (M	)	ke s			Free?
ype of Amenity:	Q	uanitity	y of An	neniti	es:	-Good W	orking C	Conditio	n (G)	1	Notes:		(Y or N)
Boat Launch	ها کر ک	<del></del>	Ø 🖌	unches:	t-	NR	N	R	М	G	1		
Scenic Overlook			Ó			NR	Ν	R	М	\ G			
ailwater Access			Ø			NR	N	R	М	\ G			
Restroom			Ø			NR	N	R	М	G			
rash Receptacles			$\mathcal{O}$			NR	Ν	R	M	G			NA
Other (picnic units, informal trails, camping, etc	<b>.)</b>	Por	taa	Ł		NR	Ν	R	М	G	Path cla	er i Harbed	
Parking	N	o. Spac	es (eă	h typ	e):						Condition		Notes:
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irectional 2	Ň	ĬŔ N	R	М	-				: 1				
				111	G	7			¥				

Recreation Inventory and Condition Assessment         Location:       Halward Caner Vortage Take-Out 4 Reservoir Carry - in Acre 55       Date:       57/12         Hayward Hydroelectric Project P-2417       1       1       1         Survey Person:       M Sheen J Arbuck le       1       1         GPS Location:       N 46.00 Lg 4 W D91.48357       NAD 83       1         Amenity Photo Numbers:       1       1       1         Shoreline Photo Numbers:       1       1       1         Entryway Photo Numbers:       1       1       1         Shoreline Photo Numbers:       1       1       1         Entryway Photo Numbers:       1       1       1       1         Yor Usable (N)       Not Usable (N)       1       1       1         Not Usable (N)       1       1       1       1       1         Type of Amenity:       Quanitity of Amenities:       Good Working Condition (G)       Notes:       1       1       1
Hayward Hydroelectric Project P-2417       11         Survey Person:       M. Sneen J. Arbuck l-c         GPS Location:       N 46.00 64,4 W 091.48357         Amenity Photo Numbers:       Shoreline Photo Numbers:         Shoreline Photo Numbers:       Shoreline Photo Numbers:         Entryway Photo Number:       Condition of Amenity:         -Missing-Needs Replacement (NR)       Not Usable (N)         -Not Usable (N)       Not Usable (N)         -Needs Maintenance (M)       Barrie
GPS Location:       N 46,00 (d,4       W 091.48357       N 40 83         Amenity Photo Numbers:       Shoreline Photo Numbers:       Shoreline Photo Numbers:         Entryway Photo Number:       Condition of Amenity:       -Missing-Needs Replacement (NR)         -Not Usable (N)       -Not Usable (N)       -Not Usable (N)         -Needs Replacement (MR)       -Needs Replacement (MR)       Barrie
GPS Location:       N 46.00 (4.4       N 091.4 8357       N 00 83         Amenity Photo Numbers:       Shoreline Photo Numbers:       Entryway Photo Number:         Entryway Photo Number:       Condition of Amenity:       -Missing-Needs Replacement (NR)         -Missing-Needs Replacement (NR)       -Nor Usable (N)       -Needs Replacement (NR)         -Needs Maintenance (M)       -Needs Maintenance (M)       Free?
Amenity Photo Numbers: Shoreline Photo Numbers: Entryway Photo Number: Condition of Amenity: -Missing-Needs Replacement (NR) -Not Usable (N) Needs Repair (R) -Needs Maintenance (M) Free?
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Missing-Needs Replacement (NR) -Not Usable (N) -Needs Repair (R) -Needs Maintenance (M) Free?
-Not Usable (N) -Needs Repair (R) -Needs Maintenance (M) Free?
-Needs Repair (R) -Needs Maintenance (M) Free?
-Needs Maintenance (M)
-Needs Maintenance (M)
Boat Launch NR N R M G
Scenic Overlook NR N R M ( Turformal
Tailwater Access NR N R M G
Restroom VR N R M G NR N R M G NA
Trash Receptacles NR N R M G NA
Other (picnic units, informal trails, camping, etc.)
Parking No. Spaces (each type): Condition: Notes
Standard: Barrier-Free: Trailer: Other (specify):
20 B NRMG Grav
Signage: Number: Condition: Comments: Provide Details on which signs need attention.
FERC Project Sign
Regulations Signs
Directional NR N R M
Interpretive V NR N R M G

	Reci	creation Inventory and Condit	ion Assessment		e se
ocation: Informal	Tailwater Bank Fis	shina Aven		Date:	5/1/202
Hayward Hydroelectric		3			X
Survey Person:	M. Sneen J Arbu	<i>whie</i>			/
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menity Photo Number			<ul> <li>A second s</li></ul>		and a general the second s
horeline Photo Numbe	rs:			/ /	<u></u>
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			-Not Usable (N)		
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ype of Amenity:		Quanitity of Amenities:	-Good Working Condition (G)	Notes:	(Y or N)
loat Launch		Lanes: 1 🖉 Launches: 1-	NR N R M G		
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ailwater Access		ŝ	NR N R M G	Informal	
estroom		8	NR N R M G		
rash Receptacles		le V	NR N R M G	<	NA
ther (picnic units, info	mal trails, camping, etc.)	8	NR N R M G		
arking		No. Spaces (each type):		Condition:	Notes:
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		10 /05	,	N. R. M. G	Gravel?
gnage: N	lumber:	Condition:	Comments: Provide Details	on which signs need atte	ention.
RC Project Sign	1	NR N (R M G	Just upstream	of dam near	Dortage
gulations Signs	Ø	NR N R M G	8		0
rectional		NR N R M G	Portage	1	
terpretive	Ø	NR N R M G	0		
Additional Comments:					7638-25
escribe any signs of ov	eruse or anything observed th	hat is not already documented	d above.		
	Care 1 called	of access, no sing	aland Solihod trail	S highere	
Due to in	to man nature c	of access, no stry	where despined finit	or signage.	
16 J		· .			

	Recreation Inve	ntory and Condition Assessment		
Location: JOWN of Trego Park Box			Date: 5/1/2022	
Trego Hydroelectric Project P-2711	Ő			an an the state
Survey Person: M. SAPEN + J.	Arbickle	na na sana na s	nnes 270 nérok kelekon nero segi segin menerika na filektik kelangkatan ingerata segin kelekon segin kelangkat An	and a set of the second second
GPS Location: N. 45, 90969 W096824		GRS 80		
Amenity Photo Numbers:				and the second sec
Shoreline Photo Numbers:				
Entryway Photo Number:			· · · · · · · · · · · · · · · · · · ·	
		Condition of Amenity:		
		-Missing-Needs Replacement (NR)	1	
		-Not Usable (N)		
		-Needs Repair (R)		Dennier
		-Needs Maintenance (M)		Barrier
Type of Amenity:	Quanitity of Amenities:	-Good Working Condition (G)	Notes:	(Yor N)
Boat Launch	Lanes: 1 Launches:	NR N R M G		in the only second
Scenic Overlook	Ø	NR N R M G	NA	
Tailwater Access	Ø	(NR) N R M G	NA	
Restroom	B	ANR NR MG		
Trash Receptacles	Ø	NR N R M G		NA
Other (picnic units, informal trails, camping, etc.)	Ø	NR N R M G	Signade	
Parking	No. Spaces (each type		Condition	Notes:
	Standard: Barrier-Free:	Trailer: Other (specify):		
	20 /	6	NRM (G')	Gravel
Signage: Number:	Condition:	Comments: Provide Details on w		
FERC Project Sign	(NR) N R M G			annia an iobh airte
Regulations Signs 2-	NR N R (M) (G)	One wood sign is diff:	cult to read. One metal (no camping	5000
Directional 2	NR N R M G	From road into site a.	or from infur	3 2000
Interpretive	(NR) N R M G	<u> </u>		
Additional Comments:				
Describe any signs of overuse or anything observed th	iat is not already docum	iented above.		
			10 - Can 2 - real a harry area of 6	and a
Useable access + parking, not accomposate 20 standard vehicle =	rich lost borg Entr	y 10 x 190 Allower	11 - way + for a children, s	1-010
accomposite 20 standard Vehicle a	16 trailers, ar	prox. costing along	the Margin	
				· · ·
			•	

· ·

		entory and Condition Assessment		
Location: Trego Boat Lanc	líng		Date: 5/1/20	22
Trego Hydroelectric Project P-2711				
Survey Person: M. Sneen	5. Arbuckle	and the second	Andre die geste andre van een state wat die die gestele een wat die die state van die state state wat wat die s	and a second state of the second state of the second state of the
	1,86824 NAD83			
Amenity Photo Numbers:				
Shoreline Photo Numbers:		**********	af filt the define the transmission of the second	
Entryway Photo Number:				and the second second second
		Condition of Amenity:		
		-Missing-Needs Replacement (NR)		
		-Not Usable (N) -Needs:Repair (R)		
		-Needs Repair (K) -Needs Maintenance (M)		Barrier
Type of Amenity:	Ourself it of Amonities	3. We are a constructed and a 2013 for the following when every start of the transmission of a providence of the start	Notes:	Free?
Boat Launch	Lanes: 1 Launches		Notes.	(Y or N)
Scenic Overlook		NR N R M G		
Tailwater Access	10	NR N R M G		
Restroom	<u> </u>	NR N R M G		
Trash Receptacles		NR N R M G		NA
Other (picnic units, informal trails, camping, et	na statistica 🖉 🖉	NR N R M G	DOCK	
Parking	No. Spaces (each typ		Condition:	Notes:
•	Standard: Barrier-Free		Concinion	Notes.
	<u>8</u> 2	2	N R M (Ĝ)	Gravel?
Signage: Number:	Condition:	Comments: Provide Details on wh		
FERC Project Sign		G	ieroigio neca accintion.	
Regulations Signs	NR N R M			
Directional		â		
Interpretive	NR N R M	3 Postina _ infor mative	near water	
Additional Comments:				
Describe any signs of overuse or anything obse	erved that is not already docu	imented above.		
		a na		

	and the second second	Recreation Inve	tory and Condition Assessment	1
Location:	Freqo South Tail	Nater Acces	5 Date: 5/1/202	7
Trego Hydroelectr	ic Project P-2711	and the second second second		Communication of the second
Survey Person:	M. Snep			
GPS Location:	N 45.94764 W	091.888891	4083	and the stand
Amenity Photo Nu		T		and the second second second
Shoreline Photo N	umbers:			
Entryway Photo N	umber:	0		
		Contraction of the	Condition of Amenity:	Set in the set of
	19月1日に1月1日に 日本語語	and the second second	-Missing-Needs Replacement (NR)	
			-Not Usable (N)	
		2 Realized State	-Needs Repair (R)	Barrier
		18 38 State	-Needs Maintenance (M)	Free?
Type of Amenity:		Quanitity of Amenities:	-Good Working Condition (G) Notes:	(Y or N)
Boat Launch		kanes: 1 -Launehosi	NR N R M G	11 0, 14
Scenic Overlook	11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	1	NR N R M C	
Tailwater Access	The second second second second	. 1	NR N R M G	
Restroom		Ø	NR N R M G	
Trash Receptacles		Ø	NR N R M G	NA
Other (picnic units	, informal trails, camping, etc.)	1	NR N R M C	
Parking	AND THE REAL PROPERTY OF THE PARTY	No. Spaces (each type	: Condition:	Notes:
		Standard: Barrier-Free:	Trailer: Other (specify):	
		40	NRM (G) /41	NO Guavel?
Signage:	Number:	Condition:	Comments: Provide Details on which signs need attention.	
FERC Project Sign	1	NR N R M G		
	0	NR N R M G		
Regulations Signs				
Regulations Signs Directional	10	NR N R M G		
Statute because the statute	9	NR N R M G	HARAND	
Directional	nts:		Harard	

	A REAL PROPERTY OF A REAL PROPER	tory and Condition Assessment	
Location: Trego North Tailwater Access	(Cance Portage)	Date: 25/1/	2022
Trego Hydroelectric Project P-2711	6		
Survey Person: M. Sneen + JAr	buckle		
GPS Location: N45,94918 W091.8883	4 NAD 8	<u>3</u>	
Amenity Photo Numbers:			
Shoreline Photo Numbers:	1. ( ) A ( ) S ( )		
Entryway Photo Number:			
		Condition of Amenity:	
		-Missing-Needs Replacement (NR)	
		-Not Usable (N)	
		-Needs Repair (R)	Barrier
		-Needs Maintenance (M)	Free?
Type of Amenity:	Quanitity of Amenities:	-Good Working Condition (G) Notes:	(Y or N)
Boat Launch	Lazes: 1 🖉 Launchese :	NR N R M G	
Scenic Overlook	1	NR N R M G	
Tailwater Access	l 1	NR N R M G	
Restroom		NR N R M (G)	
Trash Receptacles		NR N R M G None as of 5/1	NA
Other (picnic units, informal trails, camping, etc.)	· · · · · · · · · · · · · · · · · · ·	NR N R M (G) Canoe portage	
Parking	No. Spaces (each type		Notes:
		Trailer: Other (specify):	
	8		Gravel?
Signage: Number:	Condition:	Comments: Provide Details on which signs need attention.	
FERC Project Sign	NR N R M G		and the second
Regulations Signs	NR N R M G	· · · · · · · · · · · · · · · · · · ·	
Directional	NR N R M G	Canoe Portage	
Interpretive	NR N R M G	Hazzard	
Additional Comments:			
Describe any signs of overuse or anything observed i	hat is not already docum	ented above	
Describe any signs of overuse of anything observed	nat is not already docun	ented above.	
· · · ·			
·			

# Appendix 5

# **Recreation User Interview Raw Datasheets**

1/22/2022 N

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

Trego Project:

Town of Trego Park Boat Landing

Trego North Tailwater Access/Canoe Portage

Town of Trego Boat Landing

Trego South Tailwater Access

1. Check the box on the location where you received this survey:

#### Hayward Project:

Hayward Canoe Portage Take-out and Carry-In Access

Hayward Canoe Portage Trail and Put-in

Informal Tailwater Bank Fishing Access

- K City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)	
Shoreline/tailwater fishing		· · ·	
Fishing from a boat			
Motorized boating	· · · ·		
Non-motorized boating		· · · · · · · · · · · · · · · · · · ·	
Swimming			
Picnicking			
Wildlife Viewing			
Ice Fishing	· X	X	
Other (specify)			

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? <u>Jee fighing Daly</u>

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
  Area was temporarily closed to the public
  Not enough time
  Safety concerns
  Not enough information about the activity
  Too crowded
  Difficult road or trail access
  No road or trail access
  No road or trail access
  Unsatisfactory facilities or conditions of land or water (please specify)
  Resource damage due to overuse
  No facilities or services
  Bad weather
  Flooding or other natural hazard
  Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	$\left( \begin{array}{c} 1 \\ 1 \end{array} \right)$	2	3	4	5	
On the trails		2	3	4	5	X
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	∑)
While boating/fishing from a boat	1	2	3	4	5	<b>₩</b>

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

	N/A
(C) If YES, what did you do?	NFX
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
<ul> <li>Changed the time of day</li> <li>Changed your activity</li> </ul>	Other:
	Page 2 of 4

(Please select one respor	ıse)			//22/202 1003
It did not affect				
🔲 I visited at a tim	e of day I thought v	vould be less ci	owded	
I visited on a day	y of the week I thou	ight would be l	ess crowded	
I avoided places	here I thought wou	uld be crowded	today	
	pecify)		·	
<b>&amp;</b>	or of any other grou	up or individua	l interfere with your enjoyment on this ti	rip?
YES	NO		and the second	
			and a state	
If yes, what type of group	or person interfere	d with your enj	oyment on this trip?	
Group/Person	Reason(s)		and the second	
	Proximity	Loudness	Other (please specify)	
				at the state of th
Motorized boaters				
Motorized boaters Non-motorized watercraft				

à: t

**Important**: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please **check** the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5	Ø	
Picnic sites	1	2	3	4	5	$\mathbf{X}$	
Trash receptacles	1	2	3	4	5	M	
Vehicle parking areas	1	2	3	4	5		
Boat launch parking area	1	(2)	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5	X	
Other:	1	2	3	4	5	X	
Roads to facility	1	$\odot$	3	4	5		
Signage to the facility	1	3	3	4	5		
Signage within the facility	1	2	3	4	5	X	
 Other:	1	2	3	4	5	X	

Page 3 of 4

9. How did you obtain information to plan your current trip? (Please select all that apply)	1 4 4 2022
Enderstein Stehe under Ste	122/2022
Line Codoral or State Website Law Word of mouth	
	ttor oto)
Xcel website     Travel guides and tour books	
Other websites     Newspaper/magazine article	
Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify): Hay ward B	La R.H.
	MIN O COLIC
Vhat is the ZIP code where you live or country if not in the United States?	
IP code: <u>55129</u> or, country (if not the United States):	
Vhat is your age: 25	
Vhat is your gender? 🕅 Male 🛛 🗌 Female 🗌 Non-binary	
Vhich of these categories best indicates your race and ethnicity? Answer only for yourself.	
lease select one or more.	
🗌 American Indian/Alaskan 🔄 Asian 🔀 White	
Native Hawaiian/other Pacific Hispanic or Latino Don't know	
Black/African-American I Not Hispanic or Latino	
lease let us know if you have any additional comments regarding your recreation experience du contact information) First fime here beaving to find another lake	iring your visit:
This fills claring to find another fame	

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# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711) NPS Recreation Survey Questionnaire

42002 1003

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

Trego Project:

Town of Trego Park Boat Landing

Trego North Tailwater Access/Canoe Portage

Town of Trego Boat Landing

Trego South Tailwater Access

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- \_\_\_\_\_ Informal Tailwater Bank Fishing Access
- Y City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which <u>ONE</u> of these activities is your <u>PRIMARY ACTIVITY</u> on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		- Other and a solution
Picnicking		n an the second s
Wildlife Viewing		
Ice Fishing	X	X
Other (specify)		<i>y - s</i>

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🖉 NO

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why	
Rules or regulations did not allow for activity	
Area was temporarily closed to the public	$\Gamma(I)$
Not enough time	$\nabla     \langle \langle \langle \rangle \rangle   \langle \rangle \rangle $
Safety concerns	
Not enough information about the activity	
🔲 Too crowded	
Difficult road or trail access	
No road or trail access	V
Unsatisfactory facilities or conditions of land o	r water (please specify)
Resource damage due to overuse	
No facilities or services	
Bad weather	
Flooding or other natural hazard	
Other (please specify)	

.

🗌 YES 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe): \_\_\_\_\_\_

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	A	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	X	2	3	5 4	5	
While boating/fishing from a boat	1	2	V 3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES NO	
(C) If YES, what did you do?	
Moved to a new location	bose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:
	$\mathbf{N}$

- Fatty Me			//27/2022 / 003	ß
6. During the planning	process for your visit, he	ow did the pos	ssibility of crowds affect your trip plans?	r
(Please select one re It did not a I visited at I visited on I avoided p Other (plea	esponse) ffect my plans a time of day I thought v a day of the week I thou laces here I thought wou ise specify)	vould be less cl Ight would be l Ild be crowded	crowded less crowded ed today	·
7. Did the actions or be	ehavior of any other gro	up or individua	al interfere with your enjoyment on this trip?	
YES	NO roup or person interfere	d with your enj	njoyment on this trip?	
Group/Person	Reason(s)			
Motorized boaters	Proximity	Loudness	Other (please specify)	
المورد. المورد				
Non-motorized watercr	aft 🔄			
<b>Important</b> : Please or	ly circle a number for t ervoir. Also, please <b>chec</b>	he items <u>that</u>	is recreation facility/reservoir today. It you used during your current visit to this specific of Use" box, if you did not use the Item or it does not	

N	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5	X	
Picnic sites	1	2	3	4	5	X	
Trash receptacles	1	2	3	4	5	V	
Vehicle parking areas	1	2	3	4	5	X	
Boat launch parking area	1	0	3	4	5		
Boat launch	1	2	3	4	5	X	
Boat dock	1	2	3	4	5	X	
Other:	1	2	3	4	5	X	
Roads to facility	1	0	3	4	5		
Signage to the facility	1	3	3	4	5		
Signage within the facility	1	2	3	4	5	X	
Other:	1	2	3	4	5	¥	

Page 3 of 4

1/22/2022
9. How did you obtain information to plan your current trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Xcel website</li> <li>Other websites</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify): Hay Way of Bailt &amp; Bailty</li> </ul>
What is the ZIP code where you live or country if not in the United States?   ZIP code:
Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information) <u>First time here, no luch, leaving for another</u> <u>ake</u>

Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- \_\_\_\_ Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

1230

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which <u>ONE</u> of these activities is your <u>PRIMARY ACTIVITY</u> on this trip to the area?

ΑϹΤΙνΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat	-			
Motorized boating				
Non-motorized boating		ана адагаа ал а		
Swimming	· ·	and the second and an and an an an and an		
Picnicking				
Wildlife Viewing		** P & W Madeline comments of the second s second second sec second second sec second second sec		
Ice Fishing	$\times$	×		
Other (specify)	/	<b>F</b>		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🕅 NO

(B): If YES: What was it?

1/22/2022 1230

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

	1			
	or regulation			
Duloc	or regulation	n did not	2110W/ #0	Nr activity
RITES	OF LEQUIATION:	s uiu 110t	αποννιι	

Area was temporarily closed to the public

Not enough time

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

Not Moderately Very Extremely Not at all Slightly LOCATION / AREA applicable crowded crowded crowded crowded crowded 3 4 5 2 1 In parking areas 1 2 3 4 5 On the trails 5 2 3 4 1 At a developed campground 5 2 3 4 1 At a boat-in campsite 4 5 1 2 3 While fishing from the shoreline 5 3 4 1 2 While boating/fishing from a boat

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?



(C) If YES, what did you do?

🕅 NO

Moved to a new location

Changed the time of day

] Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_

Page 2 of 4

			1	122/2022 1230
6. During the planning proces	s for your visit, h	ow did the pos	sibility of crowds affect your trip plans?	1230
(Please select one respons It did not affect m I visited at a time I visited on a day o I avoided places h	y plans of day I thought v of the week I thou ere I thought wou	ught would be laud be crowded	ess crowded	
7. Did the actions or behavior YES	NO		l interfere with your enjoyment on this trip? oyment on this trip?	
Group/Person	Reason(s)		· · · · · · · · · · · · · · · · · · ·	
	Proximity	Loudness	Other (please specify)	
Motorized boaters				
Non-motorized watercraft				
Vehicles				
•	-		recreation facility/reservoir today. you used during your current visit to this	specific

,

**Important**: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please **check** the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5		
Picnic sites	1	2	3	4	5		
Trash receptacles	4	2	3	4	5		
Vehicle parking areas	$\overline{1}$	2	3	4	5		
Boat launch parking area	1	2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5		
Other: ALCEG 5		2	3	4	5		
Roads to facility	1	2	3	4	5		
Signage to the facility	1	2	3	4	5		
Signage within the facility	1	2	3	4	5		
Other:	1	2	3	4	5		
			ŀ	Page 3	of 4	·	· · · · · · · · · · · · · · · · · · ·

	/22/2022
How did you obtain information to	plan your current trip? (Please select all that apply) /2
Federal or State website	Word of mouth
City, local, or municipal websit	
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify): <u>Seeing others fishing</u>
Previous visits	
t is the ZIP code where you live or co	ountry if not in the United States?
ode: <u>54755</u> or, countr	ry (if not the United States):
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
it is your age: <u>32</u>	
tic your gondor? M Mala	🗌 Female 🔲 Non-binary
t is your gender? 🕅 Male	
ch of these categories best indicates	your race and ethnicity? Answer only for yourself.
se select one or more.	
	🗌 Asian 🔀 White
American Indian/Alaskan	
American Indian/Alaskan	Hispanic or Lating Don't know
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> <li>Don't know</li> <li>Don't know</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> </ul>	Not Hispanic or Latino
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Native Hawaiian/other Pacific Black/African-American se let us know if you have any additic tact information)	Not Hispanic or Latino
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#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

Trego Project:

Town of Trego Park Boat Landing

Trego North Tailwater Access/Canoe Portage

Town of Trego Boat Landing

Trego South Tailwater Access

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which <u>ONE</u> of these activities is your <u>PRIMARY ACTIVITY</u> on this trip to the area?

ΑϹΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat				
Motorized boating	· · · · ·			
Non-motorized boating				
Swimming	· · · · · · · ·			
Picnicking		1+1 ·		
Wildlife Viewing				
Ice Fishing				
Other (specify)	X	Dog Walking		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - YES 📈 NO

(B): If YES: What was it?

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Rules or regulations did						
Area was temporarily d	osed to the p	DIIC				
Not enough time						
Safety concerns						
Not enough information	h about the ac	τιναγ				
🔀 Too crowded						
Difficult road or trail ac	cess					
No road or trail access		of land on w	ator (plazea si	a ocifu)		
Unsatisfactory facilities		of land of w	arei (hiease si	Jecny)		
Resource damage due t           No facilities or services	o overuse					
Bad weather						
Flooding or other natur	al hazard					
Other (please specify)						
<ol> <li>Other (please specify)</li> <li>Does anyone in your personal g access or participate in [site] act</li> </ol>	roup have a p	ohysical cond			on that made	it difficult
<ul> <li>Does anyone in your personal g access or participate in [site] act</li> <li>YES X NO</li> <li>If YES, on this visit what activitie (Please describe):</li> </ul>	roup have a p ivities or servi s or services d vhile recreatin	ohysical condices? lid the person	lition or person n(s) have diffic cations today	culty accessin at this recre	ng or particip	ating in?
<ul> <li>Does anyone in your personal g access or participate in [site] act</li> <li>YES X NO</li> <li>If YES, on this visit what activitie (Please describe):</li> <li>(A) How crowded did you feel v</li> </ul>	roup have a p ivities or servi s or services d while recreatin ndicate it was Not at all crowded	ohysical condices? lid the person	lition or person n(s) have diffic cations today	culty accessin at this recre	ng or particip	ating in? 'reservoir? Not
<ul> <li>Does anyone in your personal g access or participate in [site] act</li> <li>YES X NO</li> <li>If YES, on this visit what activitie (Please describe):</li></ul>	roup have a p ivities or servi s or services d while recreatin ndicate it was	bhysical condices? lid the person ng at these lo not applicat Slightly	lition or person n(s) have diffic cations today ple to your visi Moderately	culty accessir at this recreated Very	ng or particip ation facility/ Extremely	ating in? 'reservoir? Not
<ul> <li>Does anyone in your personal g access or participate in [site] act</li> <li>YES X NO</li> <li>If YES, on this visit what activitie (Please describe):</li></ul>	roup have a p ivities or servi s or services d while recreatin ndicate it was Not at all crowded	id the person at these lo not applicat Slightly crowded	lition or person n(s) have diffic cations today ole to your vision Moderately crowded	culty accessir at this recreated t.] Very crowded	ng or particip ation facility/ Extremely crowded	ating in? 'reservoir? Not
<ul> <li>Does anyone in your personal g access or participate in [site] act</li> <li>YES X NO</li> <li>If YES, on this visit what activitie (Please describe):</li></ul>	roup have a p ivities or servi s or services d while recreatin ndicate it was Not at all crowded (1)	bhysical conc ices? Iid the person og at these lo not applicat Slightly crowded 2	lition or person n(s) have diffic cations today ole to your vision Moderately crowded 3	culty accessir at this recrea it.] Very crowded 4	ng or particip ation facility/ Extremely crowded 5	ating in? 'reservoir? Not
<ul> <li>Does anyone in your personal g access or participate in [site] act</li> <li>YES X NO</li> <li>If YES, on this visit what activitie (Please describe):</li></ul>	roup have a p ivities or servi s or services d while recreatin ndicate it was Not at all crowded (1) (1)	bhysical condices? Id the person og at these lo not applicat Slightly crowded 2 2	lition or person n(s) have diffic cations today ole to your vision Moderately crowded 3 3 3	culty accessir at this recrea it.] Very crowded 4 4	ng or particip ation facility/ Extremely crowded 5 5 5	ating in? 'reservoir?

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

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C	] YES	🔀 NO		
(C) If	YES, what did y	you do?		
	Moved to a nev Changed the tir Changed your a	ne of day	_	Chose not to recreate Continued with current plans Other:

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While boating/fishing from a boat

(Please select one response)							
It did not affect my p							
I visited at a time of							
I visited on a day of t			_				
」 I avoided places here		_					
	() <u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>		<u>,,,,</u>	. W.	-14/18/	CEJI CEJI
Did the actions or behavior of	any c	ther g	group	or indi	ividua	l interf	ere with your enjoyment on this trip?
🗌 YES 🔯 NO	)		. • •				
If yes, what type of group or pe	urson i	ntorfo	arod w	ith vo	uroni		t an this triat
			ieu w	itii yu	ur enj	oymer	it on this up?
Group/Person	Reaso	n(s)					
	Prox	imity		Loudn	ess	Oth	er (please specify)
Notorized boaters	[			· 🗖			
Ion-motorized watercraft	Ľ						
'ehicles	Г	٦				Ē	
recreation facility/reservoir. Als	i num io, ple	ber fo ase <b>cl</b>	or the	items	<u>that</u>	you u	sed during your current visit to this speci
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Other:

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Federal or State website		Word of mouth		
City, local, or municipal			acebook, Twitter, etc.)	
Xcel website		Travel guides and to		
Other websites		Newspaper/magazir		
Maps, brochures, pamp	hlets	Radio/TV broadcasts		
Visitor bureaus/centers			<u>.</u>	Minutes
Previous visits		✓ Other (specify): // ¢	on Location	
Vhat is the ZIP code where you live	e or country if not in th	ne United States?		
IP code: <u>54813</u> or,				
IP code: <u>• / 0 / 1</u> 0r,	country (in not the on	.eu states).		
Vhat is your age: $75^{-7}$	7			
w <sup>tr</sup>		Non-binary		
Vhat is your gender? 💢 Male	L remaie			
Which of these categories best ind			ourself.	
lease select one or more.				
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#### Trego Project:

Town of Trego Park Boat Landing

Trego North Tailwater Access/Canoe Portage

Town of Trego Boat Landing

Trego South Tailwater Access

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- X City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which <u>ONE</u> of these activities is your <u>PRIMARY ACTIVITY</u> on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat				
Motorized boating				
Non-motorized boating		· · · · · · · · · · · · · · · · · · ·		
Swimming		·····		
Picnicking				
Wildlife Viewing				
Ice Fishing				
Other (specify)	X	Doc Walking		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - YES X NO

(B): If YES: What was it?

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<b></b>
pating in? /reservoir?
Not applicable
-

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<ul> <li>During the planning process</li> <li>(Please select one response)</li> </ul>							
it did not affect my	•						
I visited at a time of							
I visited on a day of I avoided places here			. –				
Other (please speci							
		<u></u>	<del>7</del> 18	30 1 1 1 2		<u>wei 14 v</u>	· · · · · · · · · · · · · · · · · · ·
Did the actions or behavior of	of any c	other <del>(</del>	group	or indi	ividua	l inter	fere with your enjoyment on this trip?
🗌 YES 🛛 🕅	C		· ·				
If yes, what type of group or p	erson	interfe	ered w	ith γo	ur enj	oymer	nt on this trip?
Group/Person	Reaso	ın(s)					· · · · ·
· · · ·	Prox	kimity		Loudn	ess	<u>O</u> th	er (please specify)
Motorized boaters	[						· · · · · · · · · · · · · · · · · · ·
Non-motorized watercraft	[						
Vehicles	Г	_					
· · · ·	. · L			, <b>L</b>			
Important: Please only circle	a num Ișo, ple	ber fo ase <b>cl</b>	or the	items	<u>that</u>	you u	sed during your current visit to this specific
<i>Important</i> : Please only circle recreation facility/reservoir. A	a num Iso, ple facility	ber fo ase <b>ci</b>	or the h <b>eck</b> ti	items he "Di	<u>that</u> d Not	<u>you u</u> Use" i	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
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<i>Important</i> : Please only circle recreation facility/reservoir. A	a num Iso, ple facility	ber fo ase <b>ci</b>	or the h <b>eck</b> ti	items he "Di	<u>that</u> d Not	<u>you u</u> Use" i	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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important: Please only circle recreation facility/reservoir. A exist at the specific recreation         Restroom         Picnic sites         Trash receptacles         Vehicle parking areas	a num Iso, ple facility NeuX Satistied	ber fo ase ch 2 2 2 2 2	r the heck the Neither 3 3 3 3 3	items he "Dis Dissatiztied 4 4 4 4	that d Not 5 5 5 5 5	Vou U Use" Diq Not Nse X	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. A exist at the specific recreation         Restroom         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area	a num Iso, ple facility NerA Satisfied 1 1 1 1	ber for ase ch Satisfied 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Setther 3 3 3 3 3 3 3	items he "Dis Dissatistied 4 4 4 4 4	that d Not 5 5 5 5 5 5	Use" し の の の の の の の の の の の の の	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. A exist at the specific recreation         Restroom         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area         Boat launch	a num Iso, ple facility 1 1 1 1 1 1 1	ber fo ase ch Satisfied 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	or the heck the Setther 3 3 3 3 3 3 3 3 3	items he "Di Dissatistled 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5	Vor Use"	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. A exist at the specific recreationRestroom Picnic sites Trash receptaclesVehicle parking areas Boat launch parking area Boat launch Boat dock	a num Iso, ple facility 1 1 1 1 1 1 1 1	ber for ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Seck t	items he "Di Dissatistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5	Vor Use"	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. A exist at the specific recreation         Restroom         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area         Boat launch         Boat dock         Other:	a num Iso, ple facility	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Seck t	items he "Di bissatistied 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5	Use" J Use Sold Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. A exist at the specific recreationRestroom Picnic sites Trash receptaclesVehicle parking areas Boat launch parking area Boat launch Boat dock Other:Roads to facility	a num Iso, ple facility 1 1 1 1 1 1 1 1 1 1 1 1 1	ber for ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Seck t	items he "Di 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5	Vot Use" Use" 日 日 日 日 日 日 日 日	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify): Local Man, Knows area well</li> <li>Lived here whole rife</li> </ul>
What is the ZIP code where you live or country if not ZIP code: $59843$ or, country (if not the What is your age: $55$ What is your gender? $\square$ Male $\square$ Female Which of these categories best indicates your race and	United States):
Please select one or more.         American Indian/Alaskan         Native Hawaiian/other Pacific	ian 📈 White spanic or Latino 🗌 Don't know ot Hispanic or Latino
(contact information)	hts regarding your recreation experience during your visit: papp in the park / Paths around Park, laving a local in Youn campyround.

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#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned. operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

## 1. Check the box on the location where you received this survey:

# Hayward Project:

## **Trego Project:**

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - **Trego South Tailwater Access**
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing	$\checkmark$	· \
Fishing from a boat		
Motorized boating		
Non-motorized boating		****
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not 3. able to?
  - (B): If YES: What was it?

YES

D NO

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(C): Which of the following reasons, if any, explain why you did not engage in the activity?

 Rules or regulation	one did not	allow for	activity
Rules of regulation	ms aid not	allow for	activity

Area was	temporarily	y closed	to the	public

Not	enough	time

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	(4)	5	
On the trails	1	2	3	4	5	X
At a developed campground	1	2	3	4	5	_ ₽K
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	57	
While boating/fishing from a boat	1	2	3	4	5	_ J⊀

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

7-YES

🗌 NO

(C) If YES, what did you do?

🖄 Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans



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<u> </u>	· · · · · · · · · · · · · · · · · · ·						05/28/2022 Hayward
6. Duri	ing the planning process fo	or your vis	sit, how	did th	e poss	ibility	of crowds affect your trip plans?
	ase select one response)	·				•	,
(110)	It did not affect my p	lans					
	I visited at a time of c		ght wou	ld be l	ess cr	owdec	· ·
	I visited on a day of t						
	I avoided places here		-				
	Other (please specify	-				•	
	🗆 yes 🛛 📉 NO						ere with your enjoyment on this trip?
It yes	, what type of group or pe	rson inter	fered w	ith yo	ur enjo	bymen	t on this trip?
Group/	Person I	Reason(s)					
		Proximit	:y	Loudn	ess	Othe	er (please specify)
Motoria	zed boaters						
Non-mo	otorized watercraft						
Vehicle	S						
<b>Impo</b> recrea	rtant: Please only circle a	ı number o, please	for the	items	<u>that</u>	you u	ation facility/reservoir today. Sed during your current visit to this specific Dox, if you did not use the item or it does not
		)Very Satisfied	Jaustica Neither	Dissatisfied	Very Dissatisfied	Did Not Use	lf you were dissatisfied for any reason, please explain why:
Re	estroom			4	5		
Pie	cnic sites	$\left  \begin{array}{c} \\ 1 \end{array} \right  / 2$	2) 3	4	5		
			/				

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Restroom		2	3	4	5		
Picnic sites	1	(2)	3	4	5		
Trash receptacles	1	2	3	4	(5)		
Vehicle parking areas		2	3	4	5		
Boat launch parking area	1	2	3	4	5	Ø	
Boat launch	1	2	3	4	5	$\mathbf{X}$	
Boat dock	1	2	3	4	5	Ż	
Other:	1	2	3	4	5	Ă	
 Roads to facility	(1)	2	3	4	5		
Signage to the facility	(1)	2	3	4	5		
Signage within the facility	$\overline{1}$	2	3	4	5		
Other:	1	2	3	4	5	Þ	

ZIP code: $\underline{54843}$ or, country (if not the United States):         What is your age: $\underline{45}$ What is your gender? $\triangle$ Male       Female       Non-binary         What is your gender? $\triangle$ Male       Female       Non-binary         Which of these categories best indicates your race and ethnicity? Answer only for yourself.       Please select one or more.         Please select one or more.       American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino       Don't know         Please let us know if you have any additional comments regarding your recreation experience during your visit: contact information)       Sinther American American		05/28/2022 Haye
☐ City, local, or municipal website       ☐ Social media (e.g., Facebook, Twitter, etc.)         ☐ Xcel website       ☐ Travel guides and tour books         ☐ Other websites       ☐ Newspaper/magazine article         ☐ Maps, brochures, pamphlets       ☐ Radio/TV broadcasts         ☐ Visitor bureaus/centers       ☑ Other (specify):          ☐ Previous visits         What is the ZIP code where you live or country if not in the United States?         CIP code: <u>☐ 9843</u> or, country (if not the United States):         What is your age: <u>☐</u> What is your gender? <u>⊠</u> Male         ☐ Female       Non-binary         What is your gender? <u>⊠</u> Male         ☐ American Indian/Alaskan       Asian         ☐ American Indian/Alaskan       Asian         ☐ Mative Hawaiian/other Pacific       Hispanic or Latino         ☐ Black/African-American       Not Hispanic or Latino	9. How did you obtain information to plan your c	urrent trip? (Please select all that apply)
Xcel website Travel guides and tour books   Other websites Newspaper/magazine article   Maps, brochures, pamphlets Radio/TV broadcasts   Visitor bureaus/centers Other (specify): <u>J Live helee</u> Previous visits   What is the ZIP code where you live or country if not in the United States? CIP code: <u>54843</u> or, country (if not the United States):	Federal or State website	Word of mouth
□       Other websites       □       Newspaper/magazine article         □       Maps, brochures, pamphlets       □       Radio/TV broadcasts         □       Visitor bureaus/centers       □       Other (specify):       □       Live Live         □       Previous visits       □       Other (specify):       □       Live       Live         What is the ZIP code where you live or country if not in the United States?       □       Other (specify):       □       Live       Liv	City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Maps, brochures, pamphlets       □       Radio/TV broadcasts       □       Live Lefe         Visitor bureaus/centers       ☑       Other (specify):       □       Live Lefe         Previous visits         What is the ZIP code where you live or country if not in the United States?         IP code:        or, country (if not the United States):         What is your age:           What is your gender?       Male       Female       Non-binary         What is your gender?       Male       Female       Non-binary         What is your gender?       Male       Asian	Xcel website	Travel guides and tour books
Previous visits  Vhat is the ZIP code where you live or country if not in the United States?  IP code: <u>9893</u> or, country (if not the United States):  Vhat is your age: <u>95</u> Vhat is your gender? Male   Female   Non-binary  Vhich of these categories best indicates your race and ethnicity? Answer only for yourself.  lease select one or more.  American Indian/Alaskan   Asian   White American Indian/other Pacific   Hispanic or Latino   Don't know Black/African-American   Not Hispanic or Latino	Other websites	Newspaper/magazine article
Previous visits  What is the ZIP code where you live or country if not in the United States?  IP code: <u>9893</u> or, country (if not the United States):	Maps, brochures, pamphlets	Radio/TV broadcasts
Previous visits  What is the ZIP code where you live or country if not in the United States?  IP code: <u>9893</u> or, country (if not the United States):	Visitor bureaus/centers	Other (specify): 1 LIVC HEN-
IP code: 54843   or, country (if not the United States):      Vhat is your age:   45   Vhat is your gender?   Anale   Female   Non-binary   Vhich of these categories best indicates your race and ethnicity? Answer only for yourself.   Iease select one or more.   American Indian/Alaskan   American Indian/Alaskan   Asian   Native Hawaiian/other Pacific   Hispanic or Latino   Black/African-American   Not Hispanic or Latino Iease let us know if you have any additional comments regarding your recreation experience during your visit: contact information)	Previous visits	
contact information)	What is your gender?       Male       Fema         Which of these categories best indicates your race a       Iease select one or more.         American Indian/Alaskan       A         Native Hawaiian/other Pacific       H         Black/African-American       N	Asian White Hispanic or Latino Don't know
	contact information)	

# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

# Trego Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage

05/28/2022 Hayward B

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>onl</u> y one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		,
Wildlife Viewing		$\checkmark$
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗆 YES 🛛 🕅 NO
  - (B): If YES: What was it? \_\_

(C): Which of the following reasons, if any, explain why you did not engage in the activit	ch of the following reasons, if any, e	plain why you did not enga	ge in the activity?
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- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	X
At a developed campground	1	2	(3)	4	5	
At a boat-in campsite	1	2	3	4	5	偬
While fishing from the shoreline	1	(2)	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	Ŋ

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

	YES
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🗌 NO

(C) If YES, what did you do?

Moved to a new location

- Changed the time of day
- Changed your activity

Chose not to recreate

Continued with current plans



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							05/28/2022 Hayward B
C During the planning presson fo	*	vicit	howd	lid the	nossi	hility a	ef crowde offect your trip plane?
	r your	visit,	now d	na trie	e possi	binty c	of crowds affect your trip plans?
(Please select one response)	ans						
I visited at a time of d		ought	woul	d be le	ess cro	wded	
I visited on a day of the	ne wee	ek I the	ought	would	l be le	ss crov	wded
I avoided places here	l thou	ght w	ould b	e crov	vded 1	oday	
Other (please specify)	<u></u>						· · · · · ·
7. Did the actions or behavior of	any ot	her gr	oup o	r indiv	/idual	interfe	ere with your enjoyment on this trip?
🗌 YES 🛛 🎘 NO							
If yes, what type of group or pe	rson Ir	nterfer	ed wi	th you	ır enjc	ymen	t on this trip?
Group/Person F	leasor	n(s)					
	Proxi	nity	L	oudn	ess /	Othe	er (please specify)
Motorized boaters		ר נ		Ø			· · · · · · · · · · · · · · · · · · ·
Non-motorized watercraft		]	$\searrow$				
Vehicles		] /	/ `				
	numl o, plea	ber foi	r the i	items	that y	you us	sed during your current visit to this specific box, if you did not use the item or it does not
	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfiec	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5	X	
Picnic sites	1	2	3	4	5	Ø	
Trash receptacles	1	2	3	4	5	$\square$	
Vehicle parking areas	1	2	3	4	5		
Boat launch parking area	1	2	3	4	5	Ø	
Boat launch	1	2	3	4	5	$\square$	
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5	Ы	
Roads to facility	1	2	3	4	5		
Signage to the facility	1	2	3	4	5		
Signage within the facility	1	2	3	4	5		
Other:	1	2	3	4	5	Ĩ	

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	05/28/2022 Hayword B
9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in th ZIP code: $\underline{54843}$ or, country (if not the Unit	e United States? ed States):
What is your age:	
What is your gender? 🕅 Male 🗌 Female	Non-binary
	nnicity? Answer only for yourself. White ic or Latino Don't know spanic or Latino
Please let us know if you have any additional comments re (contact information)	egarding your recreation experience during your visit:

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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

#### 1. Check the box on the location where you received this survey:

#### Hayward Project:

#### Trego Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- X City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that applγ)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing		, , , , , , , , , , , , , , , , , , ,		
Fishing from a boat		····		
Motorized boating		Nyan Marina ang Kanangan ang Kana		
Non-motorized boating				
Swimming		· · · · · · · · · · · · · · · · · · ·		
Picnicking				
Wildlife Viewing				
Ice Fishing	· · · · · · · · · · · · · · · · · · ·			
Other (specify)				

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- (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - FX NO T YES

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity

Too crowded

- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- \_\_\_\_ Other (please specify) \_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🖾 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3	4	5	
At a developed campground		· 2	3	4	5	
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	1	2	3	4	5	Б.
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?



🛛 №

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans



Page 2 of 4

(Please select one response)	plans					<u>.</u>	1
│ I visited at a time of │ I visited on a day of	-	-					
I avoided places her							
Other (please specif	fγ)						
7. Did the actions or behavior o	of any o	ther g	roup (	or indi	vidua	linterf	ere with your enjoyment on this trip?
,							
	0						
If yes, what type of group or p	erson i	nterfe	red w	ith yo	ur enj	oymen	at on this trip?
Group/Person	Reasor	n(s)					
	Prox	inโity		Loyen	ess	Othe	er (please specify)
- Motorized boaters			/		•		
Non-motorized watercraft	С	ע נ	$\langle \ \rangle$				,,,,,,,
Vehicles	D	7	$\langle \rangle$				
8. How satisfied were you with <i>important</i> : Please only circle recreation facility/reservoir. An exist at the specific recreation,	a numi Iso, plec	ber fo ase ch	r the	items	<u>that</u>	you us	sed during your current visit to this speci
Important: Please only circle recreation facility/reservoir. A	a numi Iso, pleo facility.	ber fo ase ch	r the be <b>ck</b> th	items ne "Din <b>paji</b> s	that d Not	<u>you us</u> Use" E	sed during your current visit to this speci box, if you did not use the item or it does n
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Page 3 of 4

9. How did you obtain information to plan your currer	nt trin? (Please select all that apply)	·¢
Federal or State website	Word of mouth	
City, local, or municipal website	 Social media (e.g., Facebook, Twitter, etc.)	
Xcel website	Travel guides and tour books	
Other websites	Newspaper/magazine article	
Maps, brochures, pamphlets	Radio/TV broadcasts	
Visitor bureaus/centers	Other (specify):	_
X Previous visits		
What is the ZIP code where you live or country if not in t	he United States?	
ZIP code: or, country (if not the Un		
What is your age:		
What is your gender? 🕅 Male 🗌 Female	Non-binary	
Which of these categories best indicates your race and e	thnicity? Answer only for yourself.	
Please select one or more.		
🗌 American Indian/Alaskan 🗌 Asian	🔀 White	
	nic or Latino 👘 🔲 Don't know	
	lispanic or Latino	
Please let us know if you have any additional comments (contact information) great Area Par Jo	regarding your recreation experience during your visit: gging	
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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

# 1. Check the box on the location where you received this survey:

#### Hayward Project:

# Trego Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat		- 444		
Motorized boating				
Non-motorized boating				
Swimming				
Picnicking				
Wildlife Viewing				
Ice Fishing		·····		
Other (specify)				

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

🗆 YES 🛛 🕅 NO

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- 🔲 Too crowded 🛛 🔪
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

(A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir?

[Select one number for each or indicate it was r	not applicable to your visit.]
--	--------------------------------

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	(1)	2	3	4	5	
At a developed campground		2	3	4	5	
At a boat-in campsite	1	2	3	4	5	M
While fishing from the shoreline	1	2	3	4	5	M
While boating/fishing from a boat	1	2	3	4	5	Ø

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

(C)	If YES,	what	did	you	do?

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- Moved to a new location
- Changed the time of day
- Changed your activity

- Chose not to recreate
  - Other:

	_						
		our vis	it, hov	v did t	he po	ssibilit	y of crowds affect your trip plans?
(Please select one response							
It did not affect my							
I visited at a time o							
I visited on a day o I avoided places he							
							У
	·· <i>1)</i>						······
7. Did the actions or behavior	ofany	other	group	or inc	lividu	al inter	rfere with your enjoyment on this trip?
🗆 YES 🛛 🕅 N	0						
If yes, what type of group or p	oerson	interf	ered v	vith yo	our en	ijoyme	nt on this trip?
Group/Person	Reaso	on(s)					
	Pro	ximity	,	Loudi	ness/	/ Oth	ner (please specify)
Motorized boaters			$\overline{\backslash}$				
Non-motorized watercraft	1		$\backslash$	/	-		
					J		
Vehicles				Υ <u></u>			
recreation facility/reservoir. A exist at the specific recreation	iso, pie	ease <b>c</b> i	Neither Neither	Dissatisfied	Very Dissatisfied	Did Not Use"	ised during your current visit to this specific box, if you did not use the item or it does not lf you were dissatisfied for any reason, please explain why:
Restroom	1	$\overline{2}$	3	4	5	$\overline{\Box}$	
Picnic sites	1		3	4	5		
Trash receptacies	1		3	4	5		
Vehicle parking areas		2	3	4	5		
Boat launch parking area		2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	1	5	1 1	
Other:	1 1	<b>4</b>	3	4	5	図	
Uner.		1					
	1	2	3	4	5	Ø	~

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Signage to the facility

Other:

Signage within the facility

9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in t	he United States?
ZIP code: or, country (if not the Un	ited States):
What is your age:	
What is your gender? 🔲 Male 🛛 🏹 Female	Non-binary
Which of these categories best indicates your race and e	thnicity? Answer only for yourself.
Please select one or more.	
🔲 American Indian/Alaskan 🗌 Asian	🔀 White
🔲 Native Hawaiian/other Pacific 🛛 🗌 Hispa	inic or Latino 🛛 🔲 Don't know
Black/African-American Not H	lispanic or Latino

<u>،</u> (

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:

and a second

# Trego Project:

- Hayward Canoe Portage Take-out and Town of Trego Park Boat Landing
- Carry-In Access
  Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing		- Manuar Constanting		
Fishing from a boat		4894		
Motorized boating		Million i fa fa fa fan an fan ster fan de fan fan ster en ser		
Non-motorized boating				
Swimming				
Picnicking				
Wildlife Viewing	$\checkmark$			
Ice Fishing		and de Maardonikars		
Other (specify)				

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🕂 NO

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Rules or regulations did not allow for activity	
Area was temporarily closed to the public	
□ Not enough time \	
Safety concerns	

_	<b>``</b>			
Not enough	n information	i abøut	t the	activity

Too crowded

Difficult road or trail acce
 No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage/due to overuse

No facilities or services

Bad weather /

- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 💢 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	(2)	3	4	S	
On the trails		2.	3	4	S	
At a developed campground	1	2 .	3	4	5	X
At a boat-in campsite	1	2	3	4	5	<u>X</u>
While fishing from the shoreline	1	2	3	4	5	X
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 YES
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(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

(Please select one response)	olans						
I visited at a time of	-	-					
I visited on a day of t			_				
I avoided places here           I avoided places here           Other (please specify						-	
Did the actions or behavior of	f any of	ther gi	roup	or indiv	∕idua	linterf	ere with your enjoyment on this trip?
🗌 YES 🛛 🕅 NO	)						
If yes, what type of group or pa	orcon ir	atorfo	rod w	ith you	ur oni	oumor	at on this trip]
			ieu w	/// you	ir eij	oymei	
Group/Person	Reasor	n(s)	-				
-	Prox	mity		Loudne	ess	Oth	er (please specify)
Motorized boaters	L	×					
Ion-motorized watercraft	Ľ	] /					
/ehicles			-				
Important: Please only circle	a numl so, plea	ber fo	r the	items	<u>that</u>	уоц и	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
Important: Please only circle or recreation facility/reservoir. Al.	a numl so, plec facility.	ber foi ase <b>ch</b>	r the <b>eck</b> th	items 1e "Dic	that Not Not	<u>you u</u> Use" l	sed during your current visit to this specific box, if you did not use the item or it does not
Important: Please only circle or recreation facility/reservoir. Al.	a numl so, plea	ber fo	r the	items 1e "Dic	that Not Not	<u>you u</u> Use" l	sed during your current visit to this specific
Important: Please only circle or recreation facility/reservoir. Al.	a numl so, plec facility.	ber foi ase <b>ch</b>	r the <b>eck</b> th	items 1e "Dic	<u>that</u> I Not	<u>you u</u> Use" l	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation j	a numl so, plea facility. NerA Satistied	Satisfied	r the eck th	items ne "Dic	Very Dissatisfied	<u>you u</u> Use" l	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the speci	a numb so, plea facility. 1 1	2 Satisfied	r the eck the 3 3	items ne "Dic Dissatistied 4 4	that Not Very Dissatisfied		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the sp	a numb so, plec facility. 1 1 1 1	per foi ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th S S 3 3 3	items ne "Dic Dissatistied 4 4 4	that Not 7 Very Dissatisfied 2		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the sp	a numb so, plea facility. 1 1 1 1 1	per foi ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th J S S S S	items ne "Dic Dissetistieq 4 4 4 4 4	that Not 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the sp	a numb so, plea facility. Aery Satisfied 1 1 1 1 1 1 1	per foi ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck the 3 3 3 3 3 3 3 3	items ne "Dic Pissatistied 4 4 4 4 4 4 4 4	that Not Not Not Not Not Not Not S S S S S S		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Other:

9. How did you obtain information to plan your curre	nt trip? (Please select all that apply)	د بر د تها د
Federal or State website	Word of mouth	
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)	
$\square$ Xcel website	Travel guides and tour books	
Other websites	Newspaper/magazine article	
	Radio/TV broadcasts	
Maps, brochures, pamphiets		
Visitor bureaus/centers Previous visits	Other (specify):	
What is the ZIP code where you live or country if not in t		
ZIP code: $59893$ or, country (if not the Ur	nited States):	
What is your age:		
What is your gender? 🗹 Male 🛛 Female	Non-binary	
Which of these categories best indicates your race and e	ethnicity? Answer only for yourself.	
Please select one or more.		
🗌 American Indian/Alaskan 🗌 Asiar	n 🖉 White	
🔲 Native Hawaiian/other Pacific 🛛 🗌 Hispa	anic or Latino 🛛 🗌 Don't know	
🗌 Black/African-American 🗌 Not H	lispanic or Latino	
Please let us know if you have any additional comments (contact information) Worts WIFI public		<b>t:</b>
Langer Carlos Ca	i i sensinger, i i i sensinger, i i i sensinger	

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#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

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### 1. Check the box on the location where you received this survey:

#### Hayward Project:

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- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### **Trego Project:**

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		,
Fishing from a boat		, - WAL
Motorized boating		
Non-motorized boating		
Swimming		· · · · · · · · · · · · · · · · · · ·
Picnicking		
Wildlife Viewing		
Ice Fishing		a a shutez
Other (specify)		~/

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

	Rules	or regul	ations	did	not a	llow	for	activity
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		يد اد م ا		
Area was	temporarily	/ closea t	o,the j	SUBUC

Not enough time	

Safety concerns

Not enough information about the activity

🗌 Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 YES 🛛 👗 N

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2)	3	4	5	
On the trails		2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	Þ
While fishing from the shoreline	1	2	3	4	5	X
While boating/fishing from a boat	1	2	3	4	5	¥

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?



NO 🔀

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

		visit,	how	did th	e poss	sibility	of crowds affect your trip plans?
(Please select one response)							
It did not affect my p		<u>.</u>					
I visited at a time of		-					
I visited on a day of t			_				
I avoided places here Other (please specify							
7. Did the actions or behavior of	any ot	her g	roup	or indi	vidua	linterf	ere with your enjoyment on this trip?
	)						
If yes, what type of group or pe	erson ir	nterfe	red w	ith vo	ur oni	ovmer	it on this trin?
				i i yo	ui eiij	oymei	
Group/Person	Reasor	<u>n(s)</u>					
\ _	Proxi	mity		Loudn	ess	Oth	er (please specify)
Motorized boaters	/ c						
Non-motorized watercraft							
Vehicles	$\searrow_{Г}$	٦					
		-					
. How satisfied were you with t							
							sed during your current visit to this specific box, if you did not use the item or it does not
exist at the specific recreation f			CONT			032 1	so, if you did not use the nem of it does not
	σ				fĩed		
				ied	satisfied	Use	
	isfie			Sf			
	' Satisfied	fied	her	ž			If you were dissatisfied for any reason,
	Very Satisfie	Satisfied	Neither	Dissati	Very	l bid	If you were dissatisfied for any reason, please explain why:
Restroom	H Very Satisfie	v Satisfied	w Neither	Pissatis	very Dis	Did Not	
Restro <i>o</i> m Picnic sites	Very Sa			1	d dery		
	L Very Sa	2	3	4	5		
Picnic sites	L Very Sa	2 2	3 3	4 4	Ø		

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Page 3 of 4

Boat launch

**Roads to facility** 

Signage to the facility

Signage within the facility

Boat dock

Other:

Other:

9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
<b>、</b> —	
What is the ZIP code where you live or country if not in the	ne United States?
ZIP code: $59876$ or, country (if not the Un	
What is your age:26	
What is your gender? 🔲 Male 🛛 🎘 Female	Non-binary
Which of these categories best indicates your race and e	thnicity? Answer only for yourself.
Please select one or more.	,
🗌 American Indian/Alaskan 🛛 🗌 Asian	🗹 White
🗌 Native Hawaiian/other Pacific 🛛 🗌 Hispa	nic or Latino 🛛 🗌 Don't know
🗌 Black/African-American 🗌 Not H	ispanic or Latino
Please let us know if you have any additional comments	regarding your recreation experience during your visit:
(contact information)	
good park,	
And Andrew Control of	

6-20

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711) NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:

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#### Trego Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- \_\_\_\_\_
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
    - Trego South Tailwater Access
- 2. Below is a list of activities available. Please Indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		,
Fishing from a boat		,
Motorized boating		
Non-motorized boating		<u>,</u>
Swimming		
Picnicking	· · ·	and the second
Wildlife Viewing		
Ice Fishing		
Other (specify)		· · · · · · · · · · · · · · · · · · ·

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

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- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 YES 🛛 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	Ŕ
At a developed campground	1	2	3	4	5	X
At a boat-in campsite	1	2	3	4	5	Ø
While fishing from the shoreline	1)	2	3	4	5	
While boating/fishing from a boat		2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

М 🔀 ио

(C) If YE5, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Π	Other
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6. During the planning process	for you	r visit,	how	did th	e pos	sibility	of crowds affect your trip plans?
(Please select one response)							
It did not affect my	-				•		
Visited at a time of							
<ul> <li>I visited on a day of</li> <li>I avoided places her</li> </ul>			_				
_						-	
7. Did the actions or behavior o	f any of	ther g	roup	or indi	vidua	linterf	fere with your enjoyment on this trip?
	C						
If yes, what type of group or p	erson iı	nterfe	red w	ith yo	ur enj	oymer	it on this trip?
Group/Person	Reasor	n(s)					
	Proxi	imity	I	Loudn	ess	Othe	er (please specify)
 Motorized boaters	 [						
	Г	7		П			
Non-motorized watercraft							
Non-motorized watercraft							
<ul> <li>Vehicles</li> <li>8. How satisfied were you with a <i>important</i>: Please only circle recreation facility/reservoir. Al</li> </ul>	a numl Iso, plec	ber foi ase <b>ch</b>	r the	items	<u>that</u>	you u	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
<ul> <li>Vehicles</li> <li>8. How satisfied were you with the important: Please only circle</li> </ul>	a numl Iso, plec facility.	ber foi ase <b>ch</b>	r the eck th	items he "Did	that Not	<u>you u</u> Use" l	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Vehicles 8. How satisfied were you with the important: Please only circle precreation facility/reservoir. All exist at the specific recreation for the specific recreation	a numl iso, plea facility. 1 1 1 1 1 1	ber foi ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the reck th S S S S S S S	items he "Die Dissatistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles 8. How satisfied were you with the important: Please only circle recreation facility/reservoir. All exist at the specific recreation for the specific recreation	a numb iso, plea facility. 1 1 1 1 1 1 1	ber foi ase ch Satisfied 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	r the reck th S Gither 3 3 3 3 3 3 3 3 3 3 3 3	items he "Die Pissatistied 4 4 4 4 4 4 4 4	that Not Not S S S S S S S S S	风口口区(X) Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles 8. How satisfied were you with the important: Please only circle arecreation facility/reservoir. All exist at the specific recreation for the specific recreation	a numb iso, plea facility.	ber foi ase ch Satisfied 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the reck the S S S S S S S S S S	items he "Dia Dissatistied 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5	风口口区(X) Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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Page 3 of 4

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Other:

	n information to plan your	current trip? (Please select all that apply)
Federal or State	ate website	🗹 Word of mouth
🔲 City, local, or	r municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website		Travel guides and tour books
Other websit		Newspaper/magazine article
	ures, pamphlets	Radio/TV broadcasts
Visitor burea		Other (specify):
Previous visit	ts	
	1	
	nere you live or country if n	
		the United States):
'hat is your age:	13	
'hat is your gender?		nale 🔲 Non-binary
hich of these categori	ies best indicates your race	e and ethnicity? Answer only for yourself.
ease select one or mo	ore.	,
American Inc	dian/Alaskan 🛛	Asian 🛛 🗖 White
	aiian/other Pacific	Hispanic or Latino
Native Hawa	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
Native Hawa	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino
Black/Africar	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
Black/Africar	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
Black/African	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
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Black/Africar	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
Black/African	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
Black/Africar	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
Black/Africar	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino
Black/Africar	niian/other Pacific 🛛 🗌 n-American	Hispanic or Latino Don't know Not Hispanic or Latino

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# **ON-SITE/IN-PERSON RECREATION INTERVIEW** Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)



# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned. operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- Kity of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

# **Trego Project:**

- Town of Trego Park Boat Landing
- L Town of Trego Boat Landing
- L Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing	N N			
Fishing from a boat		An		
Motorized boating				
Non-motorized boating				
Swimming				
Picnicking				
Wildlife Viewing				
Ice Fishing				
Other (specify)	· · · · · · · · · · · · · · · · · · ·	5.50 ( b algo mar a 1999 Min		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

NO NO T YES

l	C): Which of the	following reasons,	, if any, expla	ain why you die	d not engage in t	he activity?
ι			,,,			

1	Rules	or re	oula	lions	hih	not	allow	for	activit	ŀν
	nules		-Ruia	แบบเร	uiu	ΠUL	anow	101	activi	ιγ.

	Area was	temporarily	/ closed	to the	public
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-			
	NOT	enough	time

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🗌 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	<u>ک</u>
At a developed campground	1	2	3	4	5	<u>ک</u>
At a boat-in campsite	1	2	3	4	5	<u>ل</u> ك
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 YES
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(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

It did not affect my p		houeh	t wou	ld be l	less ci	owde	· ·
I visited on a day of t	-						
I avoided places here	e I thou	ught w	ould	be cro	wded	today	
Other (please specify	/)						
7. Did the actions or behavior of	fany o	ther g	roup	or indi	vidua	l interf	ere with your enjoyment on this trip?
	)						
If yes, what type of group or pe	erson ii	nterfe	red w	ith yo	ur enj	oymer	t on this trip?
Group/Person	Reasor	n(s)					
_	Prox	imity	ļ	Loudn	ess	Oth	er (please specify)
Motorized boaters	Γ	]					ng kali ni ka
Non-motorized watercraft	Ľ						
Vehicles	Г	٦					
8. How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f	a <mark>n</mark> uml so, plec	ber fo ase <mark>ch</mark>	r the	items	<u>that</u>	you u	ation facility/reservoir today. sed during your current visit to this speci, box, if you did not use the item or it does n
Important: Please only circle ( recreation facility/reservoir. Al:	a numl so, plec facility.	ber fo ase <b>ch</b>	r the e <b>ck</b> th	items he "Di	that d Not	<u>you u</u> Use" I S	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f	A numl so, plea facility.	ber fo ase ch Satisfied	r the reck the	Items he "Di Dissatistied	Very Dissatisfied	Did Not Use	<b>sed during your current visit</b> to this speci box, if you did not use the item or it does n
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f	a numl so, plea facility.	ber fo ase ch 2	r the beck th S	items ne "Di Dissatisfied 4	that Very Dissatisfied power	Did Not Use	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the speci	fa numl so, plea facility.	ber fo ase ch 2 2 2	r the Neither 3 3	items he "Di Dissatistied 4 4	that Not Dissatisfied P P	Use" Did Not Use	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the speci	facility. Facility. Acry Satisfied 1 1 1	ber fo ase ch 2 2 2	r the heck the 3 3	items he "Di Dissatistied 4 4	that d Not 5 5 5 5	Use" Did Not Use	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the speci	a numl so, plea facility. Aery Satisfied 1 1 1	ber fo ase ch 2 2 2 2 2 2 2	r the heck th Neither 3 3 3 3	items ne "Di Dissatistied 4 4 4 4	that d Not 5 5 5 5 5	Did Not Use	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the speci	facility. Facility. Acry Satisfied 1 1 1	ber fo ase ch 2 2 2	r the heck the 3 3	items he "Di Dissatistied 4 4	that d Not 5 5 5 5	Use <sup>w</sup> Did Not Use	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the sp	a numl so, plea facility. Aery Satisfied 1 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the reck th 3 3 3 3 3	items he "Di Dissatistied 4 4 4 4 4	that Not 5 5 5 5 5 5	A 国 国 Not Use	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area         Boat launch	a numl so, plea facility. Aery Satisfied 1 1 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Seither 3 3 3 3 3 3 3 3	items he "Di Dissatistied 4 4 4 4 4 4 4	that Not 5 5 5 5 5 5 5 5	A 因 因 因 Did Not Use	sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
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Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the sp	a numl so, plea facility. facility. 1 1 1 1 1 1 1 1 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the seck t	items ne "Di Dissatistied 4 4 4 4 4 4 4 4 4	that Not 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch         Boat dock         Other:         Roads to facility	a numl so, plea facility. 1 1 1 1 1 1 1 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the seck t	items ne "Di Dissatistied 4 4 4 4 4 4 4 4 4 4 4 4 4	that Not Not Net Dissatistied		sed during your current visit to this speci box, if you did not use the item or it does n If you were dissatisfied for any reason,

Page 3 of 4	

9. How did you obtain information to plan your current trip? (Please select all that a	ipply)
Federal or State website Word of mouth	
City, local, or municipal website Social media (e.g., Face	book Twitter etc.)
Xcel website     Image: Social media (c.g.) received	
Other websites     Newspaper/magazine a	
Maps, brochures, pamphlets Radio/TV broadcasts	
Previous visits	
What is the ZIP code where you live or country if not in the United States?	
ZIP code: <u>54843</u> or, country (if not the United States):	<u></u>
What is your age: <u>39</u>	
What is your gender? 🛛 Male 🗌 Female 🗌 Non-binary	
Which of these categories best indicates your race and ethnicity? Answer only for you	rself.
Please select one or more.	
🔀 American Indian/Alaskan 🗌 Asian 🗌 Wh	•
🗌 Native Hawaiian/other Pacific 🔄 Hispanic or Latino 🔄 Dor	't know
🔲 Black/African-American 📃 Not Hispanic or Latino	
Please let us know if you have any additional comments regarding your recreation exp (contact information)	

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6-20

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- Z City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		₩19₩19898899999999999999999999999999999
Fishing from a boat		
Motorized boating		······································
Non-motorized boating		Anne an
Swimming		$\overline{\mathbf{A}}$
Picnicking		<b></b>
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 📩 NO
  - (B): If YES: What was it? \_\_\_\_

	Rules or regulations did not allow for activity
--	---

Area was temporarily closed to the public

Not enough time
-----------------

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)

Resource damage due to overuse

No facilities or services

- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 yes 🛛 🖄 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3	4	5	
At a developed campground		2	3	4	5	
At a boat-in campsite	1	2	3	4	5	Ř
While fishing from the shoreline	1	2	3	4	5	X
While boating/fishing from a boat	1	2	3	4	5	. Å

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES	
-----	--

🛛 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

	day I th the we e I thou y) f any o	ek I th Ight w	ought ould I	: woul be cro	d be k wded	ess cro today	
If yes, what type of group or p	erson i	nterfe	red wi	ith you	ur enj	оутеп	t on this trip?
	Reasor			•		-	
	Prox			Loudn	055	Oth	er (please specify)
– Motorized boaters	<u>ہرہ۔</u> ۲				<del>6</del> 93		בי קרונשטב שבטוואן
Non-motorized watercraft	г Г	- -					
	L 	_] 					
Vehicles	L						
recreation facility/reservoir. Al exist at the specific recreation j	so, plei	satisfied	Neither Neither	Dissatisfied	Very Dissatisfied		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Restroom		2	3	4	5		
Picnic sites		2	3	4	5		
Trash receptacles	(1)	2	3	4	5		
		í – –		-			1999 (a. 1997)
Vehicle parking areas		2	3	4	5		9.9% (19.9\% (19.9\%)))))))))))))))))))))))))))))))))))
Boat launch parking area		2	3 3	4	5		
Boat launch parking area Boat launch		2 2	3 3 3	4 4 4	5 5 5	Ŕ	
Boat launch parking area		2	3 3	4	5	1	
Boat launch parking area Boat launch Boat dock		2 2 2	3 3 3 3	4 4 4 4	5 5 5 5	Ø Ø	
Boat launch parking area Boat launch Boat dock Other:		2 2 2 2	3 3 3 3 3	4 4 4 4	5 5 5 5 5	R A A	
Boat launch parking area Boat launch Boat dock Other: Roads to facility		2 2 2 2 2	3 3 3 3 3 3 3	4 4 4 4 4 4	5 5 5 5 5 5		-

<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	an your current trip? (Please select all that apply)           Word of mouth           Social media (e.g., Facebook, Twitter, etc.)           Travel guides and tour books           Newspaper/magazine article           Radio/TV broadcasts           Other (specify):
	ntry if not in the United States? (if not the United States):
What is your age: 27	
What is your gender? 🔲 Male [	Female Non-binary
Which of these categories best indicates yo	our race and ethnicity? Answer only for yourself.
<ul> <li>American Indian/Alaskan</li> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> </ul>	Asian  White Hispanic or Latino Not Hispanic or Latino Not Hispanic or Latino
•	nal comments regarding your recreation experience during your visit:
Please let us know if you have any addition (contact information)	nal comments regarding your recreation experience during your visit:
•	nal comments regarding your recreation experience during your visit:
•	nal comments regarding your recreation experience during your visit:
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# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711) NPS Recreation Survey Questionnaire

6-20

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to S0-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Áccess
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Trego Project:
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		— φ. α. α. φ. φ
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		·
Ice Fishing		a - readium a
Other (specify)		· •

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - VES NO

I I Rules of regulations did not allow for activi		Rules or regulations did not allow for act	ivitv
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i			مالاحل	ماليانين
	Area was temporaril	y closea	το τηθ	public

Not enough	time
i not chough	unic

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 YES 🛛 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	S	
At a developed campground		2	3	4	S	
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	1	2	3	4	5	X
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES
-----

🛛 🕅

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

<ul> <li>During the planning process f</li> </ul>	or you								
(Please select one response)									
I visited at a time of day I thought would be less crowded									
I visited on a day of t		_							
l avoided places here	e I thou	ght w	ould l	be cro	wded	today			
Other (please specify	/)								
	<b>6</b>	L		111					
<ol> <li>Did the actions or behavior of</li> </ol>	rany ot	ner g	roup d	or mai	vidua	interi	fere with your enjoyment on this trip?		
🗌 YES 🛛 🖄 NO	)								
If yes, what type of group or pe	erson ir	nterfe	red w	ith yo	ur enj	oymer	nt on this trip?		
Group/Person	Reasor	<u>(s)</u>							
_	Proxi	mity		Loudn	ess	Oth	er (please specify)		
Motorized boaters		]							
Non-motorized watercraft		]							
	a numt so, plec	er fo	r the	items	<u>that</u>	you u	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not		
How satisfied were you with t <i>Important</i> : Please only circle of recreation facility/reservoir. Al.	a numł so, plec facility.	per fo ose ch	r the heck th	items he "Dia	Dissatisfied Dissatisfied	ut Cse Use ot Cse	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
How satisfied were you with t <i>Important</i> : Please only circle of recreation facility/reservoir. Al.	a numb so, plec facility.	Satisfied	r the Neither	items	Very Dissatisfied	<u>you u</u> Use" l	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not		
How satisfied were you with t <i>Important</i> : Please only circle of recreation facility/reservoir. Al.	a numb so, plec facility.	per fo ose ch	r the heck th	items he "Dia	Dissatisfied Dissatisfied	ut Cse Use ot Cse	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
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How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. All exist at the specific recreation f <b>Restroom</b>	a numb so, plec facility.	per fo pse ch 2 2 2 2	r the neck th Seither 3	items he "Di Dissatistied 4	that Not A Not Dissatisfied	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t <i>Important</i>: Please only circle of recreation facility/reservoir. All exist at the specific recreation for Restroom Picnic sites</li> </ul>	a numb so, plec facility.	per fo pse ch 2 2 2 2	r the neck th 3 3	items he "Dia Dissatisfied 4 4	that o Not 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t <i>important:</i> Please only circle of recreation facility/reservoir. All exist at the specific recreation f Restroom Picnic sites Trash receptacles</li> </ul>	a numb so, plec facility.	per fo pse ch 2 2 2 2	r the beck th Neither 3 3 3	items he "Di Dissatisfied 4 4 4	that toon bissatisfied		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. All exist at the specific recreation f Restroom Picnic sites Trash receptacles Vehicle parking areas</li> </ul>	a numb so, plec facility.	per fo pse ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the beck th Neither 3 3 3 3	items he "Di Dissatistied 4 4 4 4	that to Not 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash receptacles</li> <li>Vehicle parking areas</li> <li>Boat launch</li> <li>Boat dock</li> </ul>	a numb so, plec facility.	per fo pse ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck th S S S S S S S	items he "Dis pissatistied 4 4 4 4 4	that bot 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t <i>important:</i> Please only circle of recreation facility/reservoir. All exist at the specific recreation for Picnic sites Trash receptacles</li> <li>Vehicle parking areas Boat launch parking area</li> </ul>	a numb so, plec facility.	per fo pse ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the beck th S S S S S S S S S	items he "Dis pissatistie 4 4 4 4 4 4 4	that Not 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash receptacles</li> <li>Vehicle parking areas</li> <li>Boat launch</li> <li>Boat dock</li> </ul>	a numb so, plec facility.	per fo pose ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck th 3 3 3 3 3 3 3 3 3	items he "Di poissatistie 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash receptacles</li> <li>Vehicle parking areas</li> <li>Boat launch parking area</li> <li>Boat dock</li> <li>Other:</li> </ul>	a numb so, plec facility.	per fo pose ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck th 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items he "Di Poissatistied 4 4 4 4 4 4 4 4 4 4	that to Not 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		
<ul> <li>How satisfied were you with t Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash receptacles</li> <li>Vehicle parking areas</li> <li>Boat launch parking area</li> <li>Boat launch</li> <li>Boat dock</li> <li>Other:</li> <li>Roads to facility</li> </ul>	a numb so, plec facility. A numb facility. A numb facility. 1 1 1 1 1 1 1 1 1 1 1 1 1 1	per fo pose ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck th 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items he "Di Poissatistie 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,		

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6-20

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711) **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

# Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego 5outh Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in **on your current visit** to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> {Check <u>all</u> that apply}	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		nn o filfe i ble na fillen frederik af frederik af frederik af ser frederik frederik frederik frederik frederik
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		$\checkmark$
Picnicking		· ·
Wildlife Viewing ,		
Ice Fishing		
Other (specify)		99

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - D NO YES

(C): Which of the following reasons, if any, explain why you did not engage in the activity?
--

1	Rules		1				_ 11	<b>c</b>		
	Kules	or r	egui	ations	s ala	not	allow	TOP	activ	πν

Г		<b>A</b>				
L	- 1	Area was	temporarily	y ciosea	to the	Dilgand

<b>ALA LAP</b>	
I NOT ADDUGD TID	٦Δ.
Not enough tin	10

- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🔂 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir?
 [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	S	X
At a developed campground		2	3	4	S	
At a boat-in campsite	1	2	3	4	5	Ľ∆
While fishing from the shoreline	1	2	3	4	5	X
While boating/fishing from a boat	1	2	3	4	5	Ŕ

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES	

X NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans



	ocess for you	IF VISIT	, now	αια τη	e pos	sibility	of crowds affect your trip plans?
(Please select one resp	-						
It did not affec							
🔲 I visited at a ti	•	-					
I visited on a d	•		-				
I avoided place							
U Other (please	specity)						
,	ivior of any o	ther g	roup (	or indi	vidua	l interf	ere with your enjoyment on this trip?
If yes, what type of grou	p or person i	nterfe	ered w	ith yo	ur enj	oymen	it on this trip?
Group/Person	Reaso	n(s)					
	Prox	imity		Loudn	ess	Othe	er (please specify)
Motorized boaters	C						
Non-motorized watercraft							
Vehicles	Γ						· · · · · · · · · · · · · · · · · · ·
exist ot the specific recre		ase <b>c</b> l	heck ti	he "Di	d Not	you u: Use" l	sed during your current visit to this specific box, if you did not use the item or it does not
	ation facility. Patistieg X	ase <b>ch</b>	heck ti	he "Di	ry Dissatisfied	Use" I	box, if you did not use the item or it does not If you were dissatisfied for any reason,
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exist ot the specific recre	ation facility.	ase ch	neck ti Neither 3	he "Dissatisfied	u Very Dissatisfied	Use" I	box, if you did not use the item or it does not If you were dissatisfied for any reason,
exist ot the specific recre Restroom Picnic sites	ation facility.	ase ch Satisfied	Neither Seither S	he "Di Dissatisfied 4 4	u u Very Dissatisfied	Use" I	box, if you did not use the item or it does not If you were dissatisfied for any reason,
exist ot the specific recre Restroom Picnic sites Trash receptacles	ation facility.	ase ch Satisfied 2 2 2	Neither S S S	he "Di Dissatisfied 4 4 4	a د د Very Dissatisfied	Use" I	box, if you did not use the item or it does not If you were dissatisfied for any reason,
exist ot the specific recre Restroom Picnic sites Trash receptacles Vehicle parking areas	ation facility.	ase ch Satisfied 2 2 2 2 2	reck tr Jeither 3 3 3 3	he "Di bissatisfied 4 4 4 4 4	s of vor dery Dissatisfied	Did Not Use	box, if you did not use the item or it does not If you were dissatisfied for any reason,
exist ot the specific recre Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking a	ation facility.	ase ch patisfied 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Jeck tr Leck tr S S S S S	he "Di bissatisfied 4 4 4 4 4 4 4 4	a vot c c c v Very Dissatisfied	Did Not Use	box, if you did not use the item or it does not If you were dissatisfied for any reason,
exist ot the specific recre Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking a Boat launch	ation facility.	ase ch Patisfied 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Neither S S S S S S S	he "Di pissatistied 4 4 4 4 4 4 4	d Not	Did Not Use	box, if you did not use the item or it does not If you were dissatisfied for any reason,
exist ot the specific recre Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking a Boat launch Boat dock	ation facility.	ase ch patisfied 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Neither Seither S S S S S S S S S S S S S S S S S S S	he "Di Pissatistied 4 4 4 4 4 4 4 4	d Not		box, if you did not use the item or it does not If you were dissatisfied for any reason,
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9. How did you obtain information to plan your current tri	ip? (Please select all that apply)
Federal or State website	Yord of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	] Travel guides and tour books
Other websites	] Newspaper/magazine article
Maps, brochures, pamphiets	] Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
What is the ZIP code where you live or country if not in the U ZIP code: $54843$ or, country (if not the United	
What is your age: 4/	
What is your gender? 🔲 Male 🛛 🔀 Female 🛛 [	Non-binary
Which of these categories best indicates your race and ethni	city? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan 📃 Asian	White
Native Hawaiian/other Pacific Hispanic of	or Latino Don't know
	nic or Latino
Please let us know if you have any additional comments rega (contact information)	arding your recreation experience during your visit: ams Ta have t'meter

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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

#### 1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access
  Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

6-20

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		5
Motorized boating		ан а
Non-motorized boating		1
Swimming	· · · · · · · · · · · · · · · · · · ·	
Picnicking	· ·	
Wildlife Viewing		
Ice Fishing		- matma
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗆 YES 🛛 🕂 NO

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- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3	4	5	
At a developed campground	(1)	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	1	2	3	4	5	Ø
While boating/fishing from a boat	1	2	3	4	5	Ø

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

街 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

i. D								
	During the planning process f	or you	r visit,	how	did th	e pos	ibility	of crowds affect your trip plans?
(F	Please select one response)							
<b>v</b>	It did not affect my p	lans						
	I visited at a time of	day I th	noughi	t wou	ld be l	ess cr	owdeo	t
	I visited on a day of t	he wee	ek I th	ought	would	d be l	ess cro	wded
	I avoided places here						-	
	Other (please specify	/)		·····				
7. D	oid the actions or behavior of	fany of	ther gi	oup o	or indi	vidua	interf	ere with your enjoyment on this trip?
		)						
lfy	yes, what type of group or pe	erson ir	nterfei	red w	ith you	ır enj	oymer	nt on this trip?
Grou	ıp/Person	Reasor	n(s)					
		Proxi	mity	1	Loudn	ess	Othe	er (please specify)
Moto	orized boaters		]					
Non-	-motorized watercraft		]					
Vehio	cles	Г	٦		ГП		П	manufacture and a second s
lm) rec	portant: Please only circle o	a numt so, plec	ber foi ase <mark>ch</mark>	r the	items	<u>that</u>	you u	
lm) rec	<b>portant</b> : Please only circle o creation facility/reservoir. Als	a numt so, plec acility.	ber foi ase <b>ch</b>	r the <b>eck</b> th	items 1e "Die	<u>that</u> d Not	<u>you u</u> Use" [	<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
imj rec exi:	<b>portant</b> : Please only circle of creation facility/reservoir. Als ist at the specific recreation f	A numb so, plec Gacility.	per foi ase ch	r the eck th	items ne "Dia Dissatisfied	Very Dissatisfied	Did Not Use	<u>sed during your current visit</u> to this spec box, if you did not use the item or it does r
imj rec exi	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f	A numb so, plea facility.	per for ase ch 2	r the eck th Neither 3	items ne "Dia Dissatistied 4	r Very Dissatisfied	<u>you u</u> Use" [	<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
Imj rec exi:	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites	n numb so, plec acllity.	per foi ase ch 2 2	r the eck th Neither 3 3	items ne "Dia Dissatistied 4 4	that Very Dissatisfied	Use"	<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
Imj rec exis	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites Trash receptacles	A numb so, plea acliity.	per foi ase ch 2 2 2 2	r the eck th Neither 3	items ne "Dia Dissatistied 4	r Very Dissatisfied	Did Not Use	<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
Imj rec exis	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites	n numb so, plec acllity.	per foi ase ch 2 2	r the eck th Neither 3 3	items ne "Dia Dissatistied 4 4	that Very Dissatisfied		<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites Trash receptacles	A numb so, plea acliity.	per foi ase ch 2 2 2 2	r the eck the S 3 3 3	items ne "Dia Dissatistied 4 4 4	that Not Satisfied 2 2		<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
Imj rec exi:	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites Trash receptacles Vehicle parking areas	A numb so, plea acliity.	per foi ase ch 2 2 2 2 2 2 2 2 2	r the eck th Neither 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4	that Not 5 5 5 5		<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
Imj rec exis	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	A numb so, plea acility.	per foi ase ch 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th Neither 3 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4 4	that Not 5 5 5 5 5 5 5 5		<u>sed during your current visit</u> to this spec box, if you did not use the item or it does r If you were dissatisfied for any reason,
Imj rec exi:	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area Boat launch	A numb so, plect acility.	per foi ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th Neither 3 3 3 3 3 3 3 3	items ne "Dia Dissetistied 4 4 4 4 4 4 4 4	that Not Net Dissatisfied		<u>sed during your current visit</u> to this spec box, if you did not use the item or it does n If you were dissatisfied for any reason,
	portant: Please only circle of creation facility/reservoir. Als ist at the specific recreation f Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area Boat launch Boat dock	a numb so, plea acility. Aery Satisfied	per foi pase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th 3 3 3 3 3 3 3 3 3 3 3 3	items ne "Dia PDissettistied 4 4 4 4 4 4 4 4 4	that Not Nety Dissatisfied		<u>sed during your current visit</u> to this spec box, if you did not use the item or it does r If you were dissatisfied for any reason,
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Page 3 of 4

Other:

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9. How did you obtain i	nformation to plan you	r current trip? (Please select all t	that apply)
Federal or State	e website	📉 Word of mouth	
🔲 City, local, or m	nunicipal website	🔲 Social media (e.g.,	Facebook, Twitter, etc.)
🔲 Xcel website		Travel guides and	tour books
Other websites	i i	Newspaper/maga	zine article
Maps, brochure	es, pamphlets	Radio/TV broadcas	sts
Visitor bureaus	/centers	Other (specify):	
Previous visits			
Vhat is the ZIP code wher	o you live or country if	not in the United States?	
		the United States):	
P code: <u>2967919</u>		the Onited States).	
/hat is your age:	/		
/hat is your gender? 🏾 🏌	🖞 Male 🛛 🗌 Fei	nale 🗌 Non-binary	
hich of these categories	best indicates your rac	e and ethnicity? Answer only fo	r yourself.
lease select one or more.			
American India	n/Alaskan	Asian	White
🗍 Native Hawaiia	n/other Pacific	Hispanic or Latino	Don't know
Black/African-A		Not Hispanic or Latino ments regarding your recreation	n experience during your visit:
Black/African-A		-	n experience during your visit:
Black/African-A		-	n experience during your visit:
Black/African-A ease let us know if you h		-	n experience during your visit:
Black/African-A ease let us know if you h		-	n experience during your visit:
Black/African-A ease let us know if you h	nave any additional com	-	n experience during your visit:
Black/African-A ease let us know if you h	nave any additional com	ments regarding your recreation	
Black/African-A ease let us know if you h	nave any additional com	ments regarding your recreation	
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Black/African-A lease let us know if you h contact information)	nave any additional com	ments regarding your recreation	·
Black/African-A lease let us know if you h contact information)	nave any additional com	ments regarding your recreation	·
Black/African-A lease let us know if you h contact information)	nave any additional com	ments regarding your recreation	·
Black/African-A lease let us know if you h contact information)	nave any additional com	ments regarding your recreation	·

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## ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

## Hayward Project:

#### Trego Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage

7-5-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		Andrea
Fishing from a boat		
Motorized boating		······································
Non-motorized boating	a	
Swimming		
Picnicking		a da anti-a
Wildlife Viewing		· 18-
Ice Fishing		WATerdan
Other (specify) dig Swimming	P	,

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🖾 NO

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

	Rules or regulations did not allow for activity	
--	---	--

Area was temporarily closed to the public

Not enough time
Safety concerns
Not enough information about the activity
Too crowded
Difficult road or trail access
No road or trail access
Unsatisfactory facilities or conditions of land or water (please specify)
Resource damage due to overuse
No facilities or services
Bad weather
Flooding or other natural hazard
Other (please specify)

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

□ YES 🎽 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir?[Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3	4	5	×
At a developed campground		2	3	4	5	
At a boat-in campsite	1	2	3	4	5	×
While fishing from the shoreline	1	2	3	4	5	Ø
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗶 YES 🗌 NO	
(C) If YES, what did you do?	
<ul> <li>Moved to a new location</li> <li>Changed the time of day</li> <li>Changed your activity</li> </ul>	<ul> <li>Chose not to recreate</li> <li>Continued with current plans</li> <li>Other:</li></ul>
	Page 2 of 4

	for your	visit,	how	did th	e poss	ibility	of crowds affect your trip plans?
(Please select one response)							
It did not affect my		ourb	twou	ld bo	loss or	oudor	4
I visited on a day of							-
I avoided places her			_				
	6	L					
<ol><li>Did the actions or behavior o</li></ol>	f any ot	ner gi	roup a	or Indi	ividual	Interf	ere with your enjoyment on this trip?
🗌 yes 🛛 🕅 No	2						
If yes, what type of group or p	orson in	torfo	rod w	ith vo	ur oni	oum on	at on this trip?
			ieu wi	illi yo	ui enje	Jymen	
Group/Person	Reason	(s)			·····		
· · · -	Proxi	mity		Loudn	ess	Othe	er (please specify)
Motorized boaters		]					
Non-motorized watercraft		]					
Vehicles		]					
	lso, plea						sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Restroom		s S	<b>Z</b> 3	4	<u>&gt;</u> 5		NO THOSE CONS
Picnic sites	1	2)		4			IND TICON CON-
	(1)		3		5		
Trash receptacles		2	3	4	(5)		
Vehicle parking areas	(1)	2	3	4	5		
Boat launch parking area	1	2	3	4	5	X	
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5	Ø	
Other:		_	_	L _		1 <del></del>	

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Roads to facility

Other:

Signage to the facility

Signage within the facility

	our current trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> </ul>
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
🔀 Previous visits	
What is the ZIP code where you live or country	if not in the United States?
ZIP code: $54843$ or, country (if n	
What is your age: <u>38</u>	
What is your gender? 🔲 Male 🛛 📈 F	emale 🔲 Non-binarγ
Which of these categories best indicates your ra	ace and ethnicity? Answer only for yourself.
Please select one or more.	
American Indian/Alaskan	Asian 🛛 White
Native Hawaiian/other Pacific	🔄 Hispanic or Latino 🔤 🗌 Don't know
Black/African-American	Not Hispanic or Latino
Please let us know if you have any additional co (contact information) Would L, KC Thas,	bomments regarding your recreation experience during your visit: h Recepticals
	и <u>на конс</u>

## ON-SITE/IN-PERSON RECREATION INTERVIEW

## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

## Hayward Project:

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Hayward Canoe Portage Take-out and

Carry-In Access
Hayward Canoe Portage Trail and Put-in

Informal Tailwater Bank Fishing Access

City of Hayward Boat Landing

City of Hayward Beach/Fishing Pier

Bartz's Bay Informal Ice Fishing Access

## Trego Project:

Town of Trego Park Boat Landing

- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

7-5-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		S
Motorized boating		
Non-motorized boating	- · · · · · · · · · · · · · · · · · · ·	an de la companya de
Swimming		,
Picnicking	· · · · · · · · · · · · · · · · · · ·	
Wildlife Viewing		· · · · · · · · · · · · · · · · · · ·
Ice Fishing		• ••••••••••••••••••••••••••••••••••••
Other (specify) Kaya King	P	

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

🗆 YES 🛛 🛃 NO

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🖾 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	. 5	
On the trails	$\begin{pmatrix} 1 \end{pmatrix}$	2	3	4	5	
At a developed campground	1	2	3	4	5	X
At a boat-in campsite	1	2	3	4	5	Į,
While fishing from the shoreline	1	2	3	4	5	X
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

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(C) If YES, what did you do?

Moved to a new location
 Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

Page 2 of 4

During the planning process for your visit, how did the possibility of crowds affect your trip plans? 6. (Please select one response) 🔼 It did not affect my plans I visited at a time of day I thought would be less crowded I visited on a day of the week I thought would be less crowded I avoided places here I thought would be crowded today Other (please specify) \_ 7. Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip? <u>А</u> NO YES If yes, what type of group or person interfered with your enjoyment on this trip? Group/Person Reason(s) Proximity Loudness Other (please specify) Motorized boaters Π Non-motorized watercraft Vehicles .

8. How satisfied were you with the following amenities at this recreation facility/reservoir today. Important: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5		
Picnic sites	1	2	3	4	5	Ŕ	
Trash receptacles	1	2	3	4	5		
Vehicle parking areas	(F)	2	3	4	5		
Boat launch parking area	1	2	3	4	5	$\left \mathbf{A}\right $	
Boat launch	1	2	3	4	5	$\square$	
Boat dock	1	2	3	4	5	Ó	
Other:	1	2	3	4	5	$ \mathbf{A} $	
Roads to facility	1	2).	3	4	5		
Signage to the facility	1	2	3)	4	5		
Signage within the facility	1	2	٩	4	5		
Othe <i>r</i> :	1	2	3	4	5	D	

Page 3 of 4

9. How did you obtain information to plan your current trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Xcel website</li> <li>Travel guides and tour books</li> <li>Other websites</li> <li>Newspaper/magazine article</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in the United States? ZIP code: $\underline{54875}$ or, country (if not the United States): What is your age: $\underline{-36}$
What is your gender? 🔊 Male 🗌 Female 🗌 Non-binary
Which of these categories best indicates your race and ethnicity? Answer only for yourself.   Please select one or more.   American Indian/Alaskan   Native Hawaiian/other Pacific   Hispanic or Latino   Black/African-American   Not Hispanic or Latino   Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information)

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## ON-SITE/IN-PERSON RECREATION INTERVIEW

## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

## 1. Check the box on the location where you received this survey:

#### Hayward Project:

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- 🖄 City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- - Town of Trego Park Boat Landing
  - L Town of Trego Boat Landing
  - \_\_ Trego North Tailwater Access/Canoe Portage

7-9-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		, ************************************
Motorized boating		
Non-motorized boating		1
Swimming		
Picnicking		
Wildlife Viewing		- (r - r
Ice Fishing		φφ.β.δ
Other (specify)		аналан ауу адар, түү дар

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🖄 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗆 YES 🖄 NO	
(C) If YES, what did you do?	
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:
	Page 2 of 4

<ol><li>During the planning process I</li></ol>	or your vi	sit, how	did the	e poss	ibility	of crowds affect your trip plans?
(Please select one response)	,			•	,	
It did not affect my	plans	•				
I visited at a time of	day I thou	ght wou	id be l	ess cr	owdeo	ł
☐ I visited on a day of		-				
I avoided places her						
Uther (please specif	/)					
7. Did the actions or behavior o	f any othe	r group (	or indiv	/idual	interf	ere with your enjoyment on this trip?
	)					
If yes, what type of group or p	erson inte	rfered w	ith you	ır enj	oymer	it on this trip?
Group/Person	Reason(s)					
_	Proximit	ty	Loudne	ess	Othe	er (please specify)
Motorized boaters						
Non-motorized watercraft						
Vehicles	[""]		_			
8. How satisfied were you with t		-				
8. How satisfied were you with a <i>Important: Please only circle</i>	a number so, please facility.	for the <b>check</b> th	items he "Dia	that Not	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not
8. How satisfied were you with a <i>important</i> : <i>Please only circle recreation facility/reservoir. Al</i>	a number so, please facility.	for the check th	items he "Dia	<u>that</u> I Not	<u>you u</u> Use" l	s <b>ed during your current visit</b> to this specific
8. How satisfied were you with a <i>important</i> : <i>Please only circle recreation facility/reservoir. Al</i>	a number so, please facility.	for the <b>check</b> th	items he "Dia	that Not	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with a <i>important</i> : <i>Please only circle</i> recreation facility/reservoir. Al exist at the specific recreation j	a number so, please facility.	for the check the second secon	items he "Dic	Very Dissatisfied	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not box if you were dissatisfied for any reason,
8. How satisfied were you with to <i>Important:</i> Please only circle recreation facility/reservoir. All exist at the specific recreation for the	a number so, please facility.	for the check the second secon	items he "Dic Dissatistied 4	that Not Not Not	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not box if you were dissatisfied for any reason,
<ol> <li>How satisfied were you with a <i>important</i>: Please only circle recreation facility/reservoir. Al exist at the specific recreation is</li> <li>Restroom</li> <li>Picnic sites</li> </ol>	a number so, please facility.	for the check the second secon	items he "Dic Dissatistied 4 4	that Not S S S S	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not box if you were dissatisfied for any reason,
8. How satisfied were you with a <i>important</i> : Please only circle recreation facility/reservoir. Al exist at the specific recreation for the sp	a number so, please facility.	for the check the second secon	items he "Dic Dissatistied 4 4 4	that Not 2 2 7	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not box if you were dissatisfied for any reason,
8. How satisfied were you with a important: Please only circle recreation facility/reservoir. Al exist at the specific recreation ; Restroom Picnic sites Trash receptacles Vehicle parking areas	a number so, please facility. A number facility. A number facility. A number facility. A number facility. A number facility. A number facility.	for the check th	items he "Dic Dissatistieq 4 4 4 4 4	that Not S S S S S	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not box if you were dissatisfied for any reason,
8. How satisfied were you with a Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation ; Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	a number so, please facility.	for the check th	items he "Dic Pissatistieq Dissatistieq Dissatistieq 4 4 4 4 4 4	that Not 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with a Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation ; Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area Boat launch	a number so, please facility. Peilsite Lease Aerity Lease L	for the check th	items he "Dic Pissatistied 4 4 4 4 4 4 4 4	that Not 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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3)

**Roads to facility** 

Other:

Signage to the facility

Signage within the facility

9. How did you obtain information to pl	an your current trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	e 🔲 Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
Nhat is the ZIP code where you live or council $SURZS$	ntry if not in the United States? / (if not the United States):
$(P \text{ code: } \underline{\mathcal{I} P \text$	( (if not the United States):
Nhat is your age:19	
Nhat is your gender? 🕅 Male	🗌 Female 🔲 Non-binary
Nhich of these categories best indicates y	our race and ethnicity? Answer only for yourself.
Please select one or more.	
	🗍 Asian 🔄 White
🖄 American Indian/Alaskan	
🖄 American Indian/Alaskan	Hispanic or Latino
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
Native Hawaiian/other Pacific Black/African-American Please let us know if you have any addition	Hispanic or Latino
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> </ul>
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	Hispanic or Latino Don't know Not Hispanic or Latino nal comments regarding your recreation experience during your visit:
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Please let us know if you have any addition</li> </ul>	Hispanic or Latino Don't know Not Hispanic or Latino nal comments regarding your recreation experience during your visit:

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## ON-SITE/IN-PERSON RECREATION INTERVIEW

## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

## Hayward Project:

Hayward Canoe Portage Take-out and Carry-In Access

Hayward Canoe Portage Trail and Put-in

Informal Tailwater Bank Fishing Access

- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- L Town of Trego Park Boat Landing
- L Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		an a
Motorized boating		· · · · · · · · · · · · · · · · · · ·
Non-motorized boating		91
Swimming		
Picnicking		and the second se
Wildlife Viewing		
Ice Fishing	······································	· · · · · · · · · · · · · · · · · · ·
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🖉 NO

(B): If YES: What was it?

			ot engage in the activity?	

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3		5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

	YES
--	-----

ĮX ∣	NO
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(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

ſ	Other:	

Page 2 of 4

6. During the planning process f	for you	r visit,	, how	did the	e poss	sibility	of crowds affect your trip plans?
	day I th the we e i thou y)	ek I th Ight w	ought vould i	: would	d be lo wded	ess cro today	wded
		uiei g	ioupi		viuuai	men	ere with your enjoyment on this trip?
If yes, what type of group or pe	erson i	nterfe	red wi	ith yoı	ur enje	oymen	nt on this trip?
Group/Person	Reasor	n(s)					
_	Prox	imity		Loudn	ess	Othe	er (please specify)
Motorized boaters	Ľ						
Non-motorized watercraft	Γ	]					4
	Г	]					· · · · · · · · · · · · · · · · · · ·
	a numi so, plea	ber fo ase <b>ch</b>	r the	items	<u>that</u>	you us	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
8. How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al	a numi iso, plea facility:	ber fo ase ch	r the neck th	items he "Die	y Dissatisfied	<u>you us</u> Use" E Ose Te	sed during your current visit to this specific
8. How satisfied were you with t <i>Important</i> : Please only circle recreation facility/reservoir. Al exist at the specific recreation j	a numi so, plec facility:	ber fo ase <b>ch</b>	r the neck th	items Dissatisfied	<u>that</u> d Not	<mark>you us</mark> Use" E	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with t <i>Important</i> : Please only circle recreation facility/reservoir. Al exist at the specific recreation j	a numl iso, plea facility: Aery Satisfied	ber fo ase ch	r the neck th	items Dissatisfied	Very Dissatisfied	<u>you us</u> Use" E Ose Te	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation j	a numl iso, plea facility: Very Satisfied 1	ber fo ase ch	or the neck the	items ne "Dia Bissatistied 4	that Not 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>B. How satisfied were you with the important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the specific recr</li></ul>	a numl iso, plea facility: Very Satisfied 1 1	ber fo ase ch 2 2 2	r the neck th	items ne "Dic Dissatistied 4 4	that Not Cery Dissatisfied		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation p Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	a numl so, plea facility: 1 1	ber fo ase ch 2 2 2 2	r the neck th Neither 3 3	items he "Dia Dissatistied 4 4 4	that Not 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with t Important: Please only circle recreation facility/reservoir. All exist at the specific recreation f Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	a numl so, plea facility: 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck th S S 3 3 3	items ne "Dia Dissatistied 4 4 4 4	that Not Net Dissatisfied		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation p Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area Boat launch	a numl so, plea facility: 1 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck th Neither 3 3 3 3 3	items he "Dia Dissatistied 4 4 4 4 4 4	that Not 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfied were you with t Important: Please only circle recreation facility/reservoir. All exist at the specific recreation f Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	a numl iso, plea facility: 1 1 1 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck th Neither 3 3 3 3 3 3 3 3 3	items ne "Dia Poissatistied 4 4 4 4 4 4 4 4 4 4	that Not Net Dissatisfied		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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<ul> <li>8. How satisfied were you with the important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the specific recr</li></ul>	a numl so, plea facility: 1 1 1 1 1 1 1 1 1 1	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck the Neither	items ne "Dia Poissatistied 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that Not Not Net A Dissatistied		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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9. How did you obtain information to pla	an your current trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or cour ZIP code: $54875$ or, country What is your age: $18$	ntry if not in the United States? (if not the United States):
What is your gender? 🔲 Male 🛛 🛛	ズ Female 🗌 Non-binary
Which of these categories best indicates yo	our race and ethnicity? Answer only for yourself.
Please select one or more.	
🗹 American Indian/Alaskan	Asian White
Native Hawaiian/other Pacific	🗌 Hispanic or Latino 👘 Don't know
🔲 Black/African-American	Not Hispanic or Latino
Please let us know if you have any additiona (contact information)	al comments regarding your recreation experience during your visit:

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# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:

## Trego Project:

Town of Trego Park Boat Landing

- Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access

Hayward Canoe Portage Take-out and

- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

7-9-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat	· · · · · · · · · · · · · · · · · · ·	
Motorized boating		7 48A La
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		,

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🖾 NO

(B): If YES: What was it?

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i	(C):	Which	of the	following	reasons,	if any.	explain	why y	/ou did i	not enga	ige in t	the activ	vity?
			Q, 0	1011011112	1.00001.0)						· O = · · · · ·		

Rules or regulations did not allow for activity

Area was temporarily closed to the public

Not	enough	time
	0.10000.	

5afety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 📈 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	5lightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2)	3	4	5	
On the trails	(1)	2	3	4	5	
At a developed campground	1	2	3	4	5	ব
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	1	2	3	4	5	A
While boating/fishing from a boat	1	2	3	4	5	Ŕ

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

	YES
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(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

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6. During the p	planning process f	or you	r visit	, how	did th	e pos:	sibility	of crowds affect your trip plans?
. /	ect one response)							
	did not affect my p							
_	isited at a time of d							
	isited on a day of t voided places here			-				
								ere with your enjoyment on this trip?
YES	s 🕅 NO							
lf yes, what ty	ype of group or pe	rson ir	nterfe	ered w	ith yo	ur enj	oymer	it on this trip?
Group/Person		Reasor	1(s)					
		Proxi	mitv	i	Loudn	ess	Oth	er (please specify)
Motorized boat	ters		]					
Non-motorized	watercraft	Г	-					
	Watercraft		_					
Vehicles		Ļ						
3. How satisfie Important: Pl recreation fac	lease only circle a cility/reservoir. Al <mark>s</mark>	numl o, plea	ber fo	or the	items	<u>that</u>	you u	ation facility/reservoir today. sed during your current visit to this specific pox, if you did not use the item or it does not
8. How satisfie Important: Pl recreation fac	lease only circle a	numł o, plec acility.	ber fo ase ch	or the heck th	items he "Dia	<u>that</u> d Not	<u>you u</u> Use"   S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ol> <li>How satisfies <i>Important:</i> Pl recreation fac exist at the sp</li> </ol>	lease only circle a cility/reservoir. Als pecific recreation f	Nery Satisfied	Satisfied	or the heck th	items he "Dia biotic pictures of the second	Very Dissatisfied	<u>you u</u> Use"	sed during your current visit to this specific box, if you did not use the item or it does not
B. How satisfie Important: Pl recreation fac exist at the sp Restroom	lease only circle a cility/reservoir. Als pecific recreation f	numl o, plec acility.	per fo ase ch	Neither	items he "Dia 4	r Very Dissatisfied by p	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
B. How satisfies Important: Place recreation factors exist at the sp           Restroom           Picnic sites	lease only circle a cility/reservoir. Als becific recreation fo	numl o, plec acility.	2 Satisfied	nr the neck the 3	items he "Dia Dissatistied 4 4	that d Not 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
3. How satisfies Important: Pl recreation fact exist at the sp Restroom Picnic sites Trash rece	lease only circle a cility/reservoir. Als becific recreation fo s <b>s</b> <b>ptacles</b>	numb o, pleo acility.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	nr the heck the 3 3 3	items he "Dia Dissatistied 4 4	that of Not Sery Dissatisfied	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfie Important: Pl recreation fac exist at the sp Restroom Picnic sites Trash rece Vehicle pa	lease only circle a cility/reservoir. Als pecific recreation fo s ptacles arking areas	numl o, plec acility.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	or the heck the Solution Solut	items he "Dia Dissatistied 4 4 4 4	that d Not 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfie Important: Pl recreation fac exist at the sp Restroom Picnic sites Trash rece Vehicle pa Boat launc	lease only circle a cility/reservoir. Als becific recreation fo s eptacles arking areas ch parking area	numb o, pleo acility.	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck the 3 3 3 3 3	items he "Did Dissatistied 4 4 4 4 4	that d Not 5 5 5 5 5 5	図 口 内 Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
8. How satisfie Important: Pl recreation fac exist at the sp Restroom Picnic sites Trash rece Vehicle pac Boat launc Boat launc	lease only circle a cility/reservoir. Als becific recreation fo eptacles arking areas ch parking area	numb o, plec acility. 1 1 1 1 1	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Neither 3 3 3 3 3 3 3	items he "Dia Dissatistied 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5	○ Use Use Did Not Use Solution	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfies</li> <li>Important: Plice</li> <li>recreation factorize</li> <li>exist at the spinor</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash recent</li> <li>Vehicle participation</li> </ul>	lease only circle a cility/reservoir. Als becific recreation fo eptacles arking areas ch parking area	numb o, plec acility.	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck the 3 3 3 3 3	items he "Did Dissatistied 4 4 4 4 4	that d Not 5 5 5 5 5 5	図 口 内 Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfies</li> <li>Important: Pl recreation fac exist at the sp</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash rece</li> <li>Vehicle pas</li> <li>Boat launc</li> <li>Boat launc</li> <li>Boat dock</li> </ul>	lease only circle a cility/reservoir. Als becific recreation fo eptacles orking areas ch parking area ch	numb o, plec acility.	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck the Neither 3 3 3 3 3 3 3 3 3 3 3 3	items he "Dia Dissatistied 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5	マロン (A)	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfies</li> <li>Important: Pli recreation factorists</li> <li>exist at the sp</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash reception</li> <li>Boat launce</li> <li>Boat launce</li> <li>Boat dock</li> <li>Other:</li> <li>Roads to factorist</li> </ul>	lease only circle a cility/reservoir. Als becific recreation fo eptacles orking areas ch parking area ch	numb o, plec acility. 1 1 1 1 1 1	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Solution Soluti	items he "Dia Dissatistied 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5	マロン (A)	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

Page 3	3 of 4
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Other:

9. How did you obtain information to plan your current trip? (Please select all that apply)	
Federal or State website	
Xcel website     Travel guides and tour books	
Other websites     Newspaper/magazine article	
Maps, brochures, pamphiets Radio/TV broadcasts	
Visitor bureaus/centers Other (specify):	
Previous visits	
What is the ZIP code where you live or country if not in the United States? ZIP code: $54875$ or, country (if not the United States):	
What is your age: 1	
What is your gender? 📩 Male 🔲 Female 🗌 Non-binary	
Which of these categories best indicates your race and ethnicity? Answer only for yourself.	
Please select one or more.	
🎢 American Indian/Alaskan 🗌 Asian 🗌 White	
Native Hawaiian/other Pacific 🔲 Hispanic or Latino 🗌 Don't know	
Black/African-American Not Hispanic or Latino	
Please let us know if you have any additional comments regarding your recreation experience during you (contact information) Want basyees for Lake beach.	r visit: 

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#### ON-SITE/IN-PERSON RECREATION INTERVIEW

## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

## 1. Check the box on the location where you received this survey:

## Hayward Project:

## Trego Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

7-9-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		Wheedewe
Fishing from a boat		
Motorized boating		
Non-motorized boating		n n - Albertan
Swimming	✓	ممسا
Picnicking		
Wildlife Viewing		- de t
Ice Fishing		
Other (specify)		··· ··

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🗹 NO

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the ac	· · · ·					12.1			1 +				c 11 ·	C . I		1-01
	tivity	the ac	in i	engage	not	did	vou	۱wh۱	plair	anv.	. It i	z reasons.	tollowing	of the	Which.	(C):

Rules or regulations did not allow for act	:tivitv	activit	for ac	allow for	d not all	did	or regulations	Rules c	1
--	---------	---------	--------	-----------	-----------	-----	----------------	---------	---

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	Aron when tom	norarilyz	clocod ·	totho	nublic
	Area was tem		LIUSEU	iu inc	DUDIIC

Not	enough	time
1100	CHUUGH	unne

- Safety concerns
- Not enough information about the activity

- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 YES 🛛 🖾 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe): \_

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗆 yes 🏹 no	
(C) If YES, what did you do?	
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:
	Page 2 of 4

^ ← 6. •Dur	ing the planning process	s for your visit, ho	w did the poss	sibility of crowds affect your trip plans?	
··· (Ple	ase select one response	)			
	It did not affect my	r plans			
	I visited at a time o	f day I thought w	ould be less cr	owded	
	I visited on a day o	f the week I thou	ght would be le	ess crowded	
	I avoided places he	ere I thought wou	ld be crowded	today	
	Other (please spec	ify)			
7. Did	the actions or behavior	of any other grou IO	ıp or individual	interfere with your enjoyment on this trip?	
If yes	, what type of group or	person interfered	l with your enjo	oyment on this trip?	
Group/	Person	Reason(s)			
		Proximity	Loudness	Other (please specify)	
Motori	zed boaters				
Non-m	otorized watercraft				
Vehicle	s				

8. How satisfied were you with the following amenities at this recreation facility/reservoir today. *Important*: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please **check** the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restr <i>oo</i> m	1	2	3	4	5		
Picnic sites	1	2	3	4	5	Ø	
Trash receptacles	1	2	3	4	5	ß	
Vehicle parking areas		2	3	4	5		
Boat launch parking area	1	2	3	4	5	2	
Boat launch	1	2	3	4	5	内	
Boat dock	1	2	3	4	5	K	
Other:	1	2	3	4	5	X	
Roads to facility		2	3	4	5		
Signage to the facility	1	2	3	4	5		
5ignage within the facility	1	2	3	4	5		
Other:	1	2	3	4	5	Ø	
	Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area Boat launch Boat dock Other: Roads to facility Signage to the facility Signage within the facility	Restroom1Picnic sites1Trash receptacles1Vehicle parking areas1Boat launch parking area1Boat launch1Boat dock1Other:1I1Roads to facility1Signage to the facility1Signage within the facility1Other:1	Restroom12Picnic sites12Trash receptacles12Vehicle parking areas12Boat launch parking area12Boat launch12Boat dock12Other:12Signage to the facility12Signage within the facility12Other:12	Restroom123Picnic sites123Trash receptacles123Vehicle parking areas123Boat launch parking area123Boat launch parking area123Boat launch123Boat dock123Other:123Signage to the facility123Signage within the facility123Other:123	Restroom1234Picnic sites1234Trash receptacles1234Vehicle parking areas1234Boat launch parking area1234Boat launch parking area1234Boat launch1234Boat dock1234Other:1234Signage to the facility1234Signage within the facility1234Other:1234	Restroom12345Picnic sites12345Trash receptacles12345Vehicle parking areas12345Boat launch parking area12345Boat launch parking area12345Boat launch12345Boat dock12345Other:12345Signage to the facility12345Signage within the facility12345Other:12345	Restroom       1       2       3       4       5       I         Picnic sites       1       2       3       4       5       I         Trash receptacles       1       2       3       4       5       I         Vehicle parking areas       1       2       3       4       5       I         Boat launch parking area       1       2       3       4       5       I         Boat launch parking area       1       2       3       4       5       I         Boat launch       1       2       3       4       5       I         Boat dock       1       2       3       4       5       I         Other:       1       2       3       4       5       I         Signage to the facility       1       2       3       4       5       I         Signage within the facility       1       2       3       4       5       I         Other:       1       2       3       4       5       I       I         Signage within the facility       1       2       3       4       5       I         Ot

Previous visits What is the ZIP code where you live or country if not in the United States? UP code:	9. How did you obtain information to plan your cu	urrent trip? (Please select all that apply)
City, local, or municipal website       Social media (e.g., Facebook, Twitter, etc.)         Xcel website       Travel guides and tour books         Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):         Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code:       Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Facebook, Twitter, etc.)         What is your age:       Image: Social media (e.g., Faceb	Federal or State website	☐ Word of mouth
Xcel website       Travel guides and tour books         Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):         Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: <u>598</u> Male       Female         Non-binary         What is your gender?       Male         Female       Non-binary         What is your gender?       Male         American Indian/Alaskan       Asian         Mative Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)		
Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):         Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: <u>998</u> Mat is your age: <u>188</u> What is your age: <u>188</u> What is your gender?       Male         Female       Non-binary         What is your gender?       Male         American Indian/Alaskan       Asian         Mative Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)		
Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):         Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: <u>598</u> <u>75</u> or, country (if not the United States):         What is your age: <u>18</u> What is your age: <u>18</u> What is your gender?       Male         Female       Non-binary         Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.       Maire American Indian/Alaskan         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)		
Visitor bureaus/centers       Other (specify):         Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: <u>598</u> <u>598</u> <u>75</u> What is the ZIP code where you live or country (if not the United States):         What is your age: <u>188</u> What is your gender?       Male         Female       Non-binary         Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.       Maire         Mative Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit contact information)		
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ZIP code: 598 75 or, country (if not the United States):   What is your age: I What is your gender? Male Female Non-binary Which of these categories best indicates your race and ethnicity? Answer only for yourself. Please select one or more. American Indian/Alaskan American Indian/Alaskan American Indian/Alaskan Asian White Don't know Black/African-American Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	Previous visits	
ZIP code: <u>54875</u> or, country (if not the United States):   What is your age: I 8 What is your gender? Male Female Non-binary Which of these categories best indicates your race and ethnicity? Answer only for yourself. Please select one or more. American Indian/Alaskan American Indian/Alaskan Asian White Don't know Black/African-American Not Hispanic or Latino Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)		
What is your age:       Image:       Im		
What is your gender?       Male       Female       Non-binary         Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.       White         Mair American Indian/Alaskan       Asian       White         Native Hawaiian/Other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino       Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	ZIP code: $24277$ or, country (if not the	e United States):
Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	What is your age: 🖉	
Please select one or more.  American Indian/Alaskan Asian White  Native Hawaiian/other Pacific Hispanic or Latino Don't know Black/African-American Not Hispanic or Latino  Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	What is your gender? 🕅 Male 🗌 Femal	e 🗌 Non-binary
American Indian/Alaskan       Asian       White         Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino       Don't know         Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	Which of these categories best indicates your race a	nd ethnicity? Answer only for yourself.
Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	Please select one or more.	
Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit contact information)	🛛 American Indian/Alaskan	sian 🗌 White
Please let us know if you have any additional comments regarding your recreation experience during your visit contact information)	─ Native Hawaiian/other Pacific □ H	lispanic or Latino 🛛 🔲 Don't know
contact information)		
	(contact information)	

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## **ON-SITE/IN-PERSON RECREATION INTERVIEW**

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Trego Project:

- **Carry-In Access**
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access

Hayward Canoe Portage Take-out and

- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

7-9-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		- 44 al male th
Motorized boating		
Non-motorized boating		
Swimming	$\checkmark$	$\overline{}$
Picnicking		· · · · · · · · · · · · · · · · · · ·
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - ЙNO YES

(B): If YES: What was it? \_\_\_\_

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

	Rules d	or regulations	did	not allow	for activity	V
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Area was temporarily closed to the public

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 yes 🛛 🖾 no

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 YE	S
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(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

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<b>6</b> . 7.	(Please select one response) It did not affect my p I visited at a time of I visited on a day of t I avoided places here Other (please specify	olans day I t he we e I thou /)	hough ekith ught v	nt wou nough vould	Ild be t woul be cro	less ci d be l wded	rowdeo ess crc today	owded
	YES X NC	)						
		Reaso		neu w	nin yo	ur enj	oymer	it on this trip?
								· · · · · · · · · · · · · · · · · · ·
Ма		<u>Ргох</u> Г	imity T		Loudn	less		er (please specify)
	n-motorized watercraft	г Г	-					
	hicles	. ч	_ _					
VC								
h n	How satisfied were you with t mportant: Please only circle of ecreation facility/reservoir. Al xist at the specific recreation f	nu <b>m</b> so, ple	ber fo ase <mark>cr</mark>	r the	items	<u>that</u>	you u	If you were dissatisfied for any reason, please explain why:
	Restroom		2	3	4	5		
	Picnic sites	1	2	3	4	5	Ø	
	Trash receptacles	1	2	3	4	5		
	Vehicle parking areas	1	2)	3	4	5	Ų	
	Boat launch parking area	1	2	з	4	5	A	· · · ·
	Boat launch	1	2	З	4	5	X	
Ĭ	Boat dock	1	2	3	4	5	<u>ک</u>	
	Other:	1	2	3	4	5	X	
	Roads to facility	1	2	3	4	5		
	Signage to the facility	Ŭ	2	3	4	5		
	Signage within the facility	$\Im$	2	3	4	5		
	Other:		2	3	4	5	X	

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9. How did you obtain information to plan your curren	t trip? (Please select all that apply)	<b>*</b>
Federal or State website	➢ Word of mouth	÷, '
City, local, or municipal website	 Social media (e.g., Facebook, Twitter, etc.)	
Xcel website	Travel guides and tour books	
Other websites	Newspaper/magazine article	
Maps, brochures, pamphlets	Radio/TV broadcasts	
Visitor bureaus/centers	Other (specify):	-
Previous visits		
What is the ZIP code where you live or country if not in the	ne United States?	
ZIP code: 54875 or, country (if not the Un		
zip code. <u>Je g j -</u> or, country (in not the on		
What is your age: 23		
What is your gender? 🔲 Male 📄 Female	Non-binary	
Which of these categories best indicates your race and e	thnicity? Answer only for yourself.	
Please select one or more.		
🗌 American Indian/Alaskan 🛛 🗌 Asian	White	
	nic or Latino 🛛 Doņ't know	
	ispanic or Latino	
Please let us know if you have any additional comments ( (contact information)	regarding your recreation experience during your visit:	
X		

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8/6/2022

# Attachment 3 Hayward and Trego Recreation Use Survey Form

8/6/2022

## ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711) NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

## Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

## Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which <u>ONE</u> of these activities is your <u>PRIMARY ACTIVITY</u> on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing	×	×
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🏹 NO
  - (B): If YES: What was it?

Safety concerns	ion about the ad	ctivity				
Too crowded						
Difficult road or trail						
No road or trail acces						
Unsatisfactory faciliti		of land or w	ater (please sj	becify)		
Resource damage du						
Bad weather	5					
Flooding or other nat	ural hazard					
Other (please specify	)					
Does anyone in your persona access or participate in [site] a	l group have a p activities or servi	physical cond			n that made	it difficult to
l. Does anyone in your persona	l group have a p activities or servi	physical cond			n that made	it difficult to
<ul> <li>Does anyone in your persona access or participate in [site] a</li> </ul>	l group have a p activities or servi	physical conc ces?	lition or perso	onal limitatio		
<ul> <li>Does anyone in your personal access or participate in [site] a</li> <li>YES X NO</li> <li>If YES, on this visit what activit (Please describe):</li> </ul>	l group have a p activities or servi ties or services d	ohysical cond ices? lid the person	lition or perso n(s) have diffic	onal limitatio	ng or participa	ating in?
Does anyone in your persona access or participate in [site] a YES X NO If YES, on this visit what activit (Please describe):	l group have a p activities or servi ties or services d	ohysical cond ices? lid the person	lition or perso n(s) have diffic	onal limitatio	ng or participa	ating in?
<ul> <li>Does anyone in your personal access or participate in [site] a</li> <li>YES X NO</li> <li>If YES, on this visit what activit (Please describe):</li> </ul>	l group have a p activities or servi ties or services d l while recreatir	ohysical cond ices? Iid the person ng at these lo	dition or perso n(s) have diffic cations today	onal limitatio culty accessir at this recrea	ng or participa	ating in?
<ul> <li>Does anyone in your personal access or participate in [site] a</li> <li>YES X NO</li> <li>If YES, on this visit what activit (Please describe):</li> <li>(A) How crowded did you fee [Select one number for each one number f</li></ul>	l group have a p activities or servi ties or services d l while recreatir	ohysical cond ices? Iid the person ng at these lo	dition or perso n(s) have diffic cations today	onal limitatio culty accessir at this recrea	ng or participa	ating in?
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<ul> <li>4. Does anyone in your personal access or participate in [site] a</li> <li>YES  NO</li> <li>If YES, on this visit what activit (Please describe):</li></ul>	l group have a p activities or servi ties or services d I while recreatir or indicate it was Not at all crowded	bhysical condices? lid the person ng at these lo i not applicat Slightly crowded	dition or personn(s) have diffic cations today ole to your vision Moderately crowded	ulty accessir at this recrea t.] Very crowded	ng or participa ation facility/ Extremely crowded	ating in? reservoir? Not

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

At a boat-in campsite

While fishing from the shoreline

While boating/fishing from a boat

🗌 YES 🔀 NO	
(C) If YES, what did you do?	
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:
	Page 2 of 4

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6.	During the planning process fo	or your	visit,					
	(Please select one response)							
	It did not affect my pl							
	I visited at a time of d I visited on a day of the		_					
	I avoided places here							wueu
	Other (please specify)							
7.	Did the actions or behavior of	any ot	her gr	oup o	or indiv	/idual	interf	ere with your enjoyment on this trip?
	VES 🖈 NO							
lf	yes, what type of group or pe	rson in	terfer	red wi	th you	ır enjo	oymen	t on this trip?
Gro	pup/Person F	Reason	(s)					
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Мо	torized boaters		]					
No	n-motorized watercraft		]					······································
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F	Page 3	of 4	

Federal or State website	Word of mouth
City, local, or municipal web	
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlet	
Visitor bureaus/centers	Other (specify):
🔀 Previous visits	
nat is the ZIP code where you live or	country if not in the United States?
P code: <u>54751</u> or, cour	ntry (if not the United States):
nat is your age: <u>20-25</u>	
hat is your gender? 🛛 Male	🗌 Female 📃 Non-binary
	es your race and ethnicity? Answer only for yourself.
ease select one or more.	
🗌 American Indian/Alaskan	Asian 📈 White
Native Hawaiian/other Pacif	fic 🗌 Hispanic or Latino 🗌 Don't know
	Not Hispanic or Latino
ease let us know if you have any addi	
ase let us know if you have any addi	tional comments regarding your recreation experience during your v
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## ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711) NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

## Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- 🔀 City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

## Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>ali</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat	×	X
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🔄 NO

(B): If YES: What was it? \_\_\_\_

Rules or regulations did	not allow for	activity				
Area was temporarily cl	losed to the p	ublic				
Not enough time						
Safety concerns						
Not enough information	n about the ac	tivity				
Too crowded						
Difficult road or trail acc	cess					
No road or trail access						
Unsatisfactory facilities	or conditions	of land or w	ater (please sp	oecify)		······································
Resource damage due t	o overuse					
No facilities or services						
Bad weather						
Flooding or other natura						
Other (please specify)						
	/hile recreatin	g at these lo	cations today	at this recre		
/ If YES, on this visit what activities (Please describe): . (A) How crowded did you feel w [Select one number for each or in	/hile recreatin	g at these lo	cations today	at this recre		
/ If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in	vhile recreatin ndicate it was	g at these lo not applicat	cations today ple to your visi	at this recre t.]	ation facility/	reservoir?
/ If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in LOCATION / AREA	vhile recreatin ndicate it was Not at all	g at these lo not applicat Slightly	cations today ble to your visi Moderately	at this recre t.] Very	ation facility/ Extremely	'reservoir? Not
/ If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in LOCATION / AREA	vhile recreatin ndicate it was Not at all crowded	g at these lo not applicat Slightly crowded	cations today ble to your visi Moderately crowded	at this recre t.] Very crowded	ation facility/ Extremely crowded	'reservoir? Not
/ If YES, on this visit what activities (Please describe):	vhile recreatin ndicate it was Not at all crowded	g at these lo not applicat Slightly crowded 2	cations today ple to your visi Moderately crowded 3	at this recre t.] Very crowded 4	ation facility/ Extremely crowded 5	'reservoir? Not
/ If YES, on this visit what activities (Please describe):	hile recreatin ndicate it was Not at all crowded 1 1	g at these lo not applicat Slightly crowded 2 2	cations today ble to your visi Moderately crowded 3 3	at this recre t.] Very crowded 4 4	ation facility/ Extremely crowded 5 5	'reservoir? Not
/ If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in LOCATION / AREA In parking areas On the trails At a developed campground At a boat-in campsite	while recreatin ndicate it was Not at all crowded 1 1 1	g at these lo not applicat Slightly crowded 2 2 2 2	cations today ple to your visi Moderately crowded 3 3 3 3	at this recre t.] Very crowded 4 4 4	ation facility/ Extremely crowded 5 5 5 5	'reservoir? Not
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in LOCATION / AREA In parking areas On the trails At a developed campground At a boat-in campsite While fishing from the shoreline While boating/fishing from a boat	while recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1	g at these lo not applicat Slightly crowded 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	cations today ple to your visi Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 4 4 4 4 4	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	'reservoir? Not
If YES, on this visit what activities (Please describe):	while recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1	g at these lo not applicat Slightly crowded 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	cations today ole to your visi Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 500 felt crowo	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	'reservoir? Not
If YES, on this visit what activities (Please describe):	while recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1	g at these lo not applicat Slightly crowded 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	cations today ole to your visi Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 5 3 5 5 5 5 5	at this recre t.] Very crowded 4 4 4 4 4 4 4 4 4 4	ation facility/ Extremely crowded 5 5 5 5 5 5 5 4 5	'reservoir? Not

6.	During the planning process fo	r your	visit,	how c	lid the	possi	bility o	of crowds affect your trip plans?
	(Please select one response) It did not affect my pla I visited at a time of d I visited on a day of th I avoided places here Other (please specify)	ay I th e wee I thou	ek I tho ght wo	ought ould b	would e crov	l be le vded <sup>.</sup>	ss cro today	wded
7.	Did the actions or behavior of a	any ot	her gr	oup o	r indiv	idual	interf	ere with your enjoyment on this trip?
	TYES NO							
H	yes, what type of group or per	son ir	nterfer	ed wi	th you	ır enjo	oymen	t on this trip?
Gro	pup/Person R	leason	n(s)					
		Proxi	mity	L	.oudne	ess	Othe	r (please specify)
Mo	torized boaters		]					
No	n-motorized watercraft		]					
Ve	nicles		]					
li r	How satisfied were you with th <b>mportant</b> : Please only circle a ecreation facility/reservoir. Also xist at the specific recreation fo	numl o, plea	ber fai ase <b>ch</b>	r the .	items	that	you us	is a specific box, if you did not use the item or it does not for any reason, please explain why:
	Restroom	1	2	3	4	5	لکرا ا	
	Picnic sites	1	2	3	4	5	$\wp$	
	Trash receptacles	1	2	3	4	5	Ø	
	Vehicle parking areas	1		3	4	5		
	Boat launch parking area	1	G2	3	4	5	lli	
	Boat launch	1	(A)	<b>_</b>				
			12	3	4	5		
	Boat d <i>o</i> ck	1	C)	3	4	5 5		
			_					
	Boat d <i>o</i> ck	1	Ì	з	4	5		
	Boat d <i>o</i> ck Other:	1	(2) 2	3	4	5		

Page	3	of	4
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Other:

Federal or State website	Word of mouth
📋 City, local, or municipal website	🔲 Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	🔲 Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
≻ <sup>,</sup> Previous visits	
/hat is the ZIP code where you live or country if n	not in the United States?
IP code: <u> </u>	the United States):
Vhat is your age:5 ዓ	
Vhat is your gender? 😡 Male 🛛 🗌 Fem	nale 🗌 Non-binary
، Vhich of these categories best indicates your race	e and ethnicity? Answer only for yourself.
lease select one or more.	,
Amorican Indian/Alaskan	Asian N/hita
American Indian/Alaskan	Asian Sr White
Native Hawaiian/other Pacific	Hispanic or Latino
	$\overline{\underline{z}}$
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> </ul>	Hispanic or Latino
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Iease let us know if you have any additional common contact information)</li> </ul>	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Iease let us know if you have any additional common contact information)</li> </ul>	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis
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<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Iease let us know if you have any additional common contact information)</li> </ul>	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis
Native Hawaiian/other Pacific   Native Hawaiian/other Pacific   Black/African-American   Ilease let us know if you have any additional common terms information)   Morray   Morray   CGUSE     CGUSE	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> <li>Iease let us know if you have any additional common contact information)</li> </ul>	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis
Native Hawaiian/other Pacific   Black/African-American   lease let us know if you have any additional common terms information)   Mara   Mara   VIT   CGUSE   bast   Varn into	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis
Native Hawaiian/other Pacific   Native Hawaiian/other Pacific   Black/African-American   Ilease let us know if you have any additional common terms information)   Morray   Morray   CGUSE     CGUSE	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis <u>boat</u> <u>to</u> . <u>Certain winds</u> <u>Shere and bamp on rocks</u>
Native Hawaiian/other Pacific   Native Hawaiian/other Pacific   Black/African-American   Ilease let us know if you have any additional common terms information)   Morray   Morray   CGUSE     CGUSE	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis boat to. Certain winds Share and bamp on rocks
Native Hawaiian/other Pacific   Black/African-American   lease let us know if you have any additional common terms information)   Mara   Mara   VIT   CGUSE   bast   Varn into	Hispanic or Latino Don't know Not Hispanic or Latino ments regarding your recreation experience during your vis boat to. Certain winds Share and bamp on rocks

# 8/13/2022

### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

### 1. Check the box on the location where you received this survey:

Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Trego Project:
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)			
Shoreline/tailwater fishing		L			
Fishing from a boat					
Motorized boating					
Non-motorized boating		1744			
Swimming		,,,,,,,			
Picnicking					
Wildlife Viewing	· ·				
Ice Fishing					
Other (specify)					

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 1/NO **YES**

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

2

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

S. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir?
 [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	S	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	(1)	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	S	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES	
-----	--

(C) If YES, what did you do?

NO

Moved to a new location

Changed the time of day

Changed your act	ivity	
------------------	-------	--

Chose not to recreate Continued with current plans

Other:\_\_\_\_\_

5. During the planning process	for you	r visit,	how	did th	e poss	sibility	of crowds affect your trip plans?
(Please select one response)							
It did not affect my							
I visited at a time of		hough	t wou	ld be i	less cr	owde	d
I visited on a day of	-	-					
I avoided places her			-				
						•	
	<i>'''</i>						ni maadaa ahaa ahaa ahaa ahaa ahaa ahaa ah
7. Did the actions or behavior of	of any o	ther g	roup	or indi	vidual	linter	fere with your enjoyment on this trip?
	•	Ŭ	•				,
	D						
, ,		_					
If yes, what type of group or p	erson i	nterfe	red w	ith yo	ur enj	oymer	nt on this trip?
Group/Person	Reaso	n(s)	<u></u>				
_	Prox	imity	1	Loudn	iess	Oth	er (please specify)
Motorized boaters	Ľ						
Non-motorized watercraft	Ľ						
Vehicles	Г	٦				П	
	-	_					
	a num Iso, ple	ber fo ase <mark>ch</mark>	r the	items	<u>that</u>	you u	ation facility/reservoir today. s <u>ed during your current visit</u> to this specific box, if you did not use the item or it does not
	Satisfied	fied	ler	tisfied	Dissatisfied	lot Use	If you were dissatisfied f <i>o</i> r any reason,
	Very Sati	Satisfied	Neither	Dissatisf	Very Diss	Díd Not	please explain why:
Restroom	1	2	3	4	5		
Picnic sites	1	2	3	4	5		
Trach recontacion			<b>_</b>		i 🛌		

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	Very Satisf	Satisfied	Neither	Dissatisfie	Very Dissa	Did Not Us	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5		
Picnic sites	1	2	3	4	5		
Trash receptacles	1	2	3	4	5		
Vehicle parking areas	(1)	) 2	3	4	5		****
Boat launch parking area	1	2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5		
Roads to facility	$\bigcirc$	2	3	4	5		
Signage to the facility	1	2	3	4	5		
Signage within the facility	1	2	(3)	4	5		
Other:	1	2	3	4	5		

9. How did you obta	in information to pla	n your currer	nt trip? (Please sele	ect all that apply)			
	itate website		Word of mo	uth			
_	or municipal website		Social media (e.g., Facebook, Twitter, etc.)				
Xcel website	-		·	s and tour books	·)		
				/magazine article			
Other webs							
	hures, pamphlets		Radio/TV broadcasts     Other (specify):				
$\overline{\mathbf{v}}_{\mathbf{c}}$	aus/centers			ну):			
Previous vis	its						
What is the ZIP code w ZIP code: <u>5484</u>							
What is your age:	36						
What is your gender?	🕅 Male 🗌	Female	Non-binary	1			
Which of these catego	ries best indicates you	ur race and e	thnicity? Answer of	only for yourself.			
Please select one or m	ore.			,			
🗌 American Ir	ndian/Alaskan	🗌 Asian		🕅 White			
🗌 Native Haw	aiian/other Pacific	🔲 Hispa	nic or Latino	📋 Don't know			
🗌 Black/Africa	an-American	🗌 Not H	lispanic or Latino				
			· · ·				
		1100m P		· • • • • • • • • • • • • • • • • • • •			
		Dog	e 4 of 4		×		

### ON-SITE/IN-PERSON RECREATION INTERVIEW

### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

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### 1. Check the box on the location where you received this survey:

### Hayward Project:

Fam of

# Trego Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
  - City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat				
Motorized boating	,			
Non-motorized boating				
Swimming				
Picnicking				
Wildlife Viewing				
Ice Fishing				
Other (specify)		·····		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - YES NO

(B): If YES: What was it? \_

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

Rules or regulations did not allow for activi	Π	Rules o	r regulations	did not a	allow for	activity
---	---	---------	---------------	-----------	-----------	----------

Area was	temporarily	/ closed	to the	nublic
	temporaring	r ciuscu	to the	public

Safety concerns

Not enough information about the activity

Too crowded

- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	10	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

NO 🖳

(C) If YES, what did you	doi
--------------------------	-----

Moved to a new locationChanged the time of day

Changed your activity

Chose not to recreate

Continued with current plans

	Other
--	-------

6.	During the planning process for	your visit,	how did the	possibility of	f crowds affect y	our trip plans?
----	---------------------------------	-------------	-------------	----------------	-------------------	-----------------

(Please select one response)

It did not affect my plans

- I visited at a time of day I thought would be less crowded
- I visited on a day of the week I thought would be less crowded
- I avoided places here I thought would be crowded today
- Other (please specify) \_\_\_\_\_

7. Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip?

If yes, what type of group or person interfered with your enjoyment on this trip?

Group/Person	Reason(s)			
	Proximity	Loudness	Other (please specify)	
Motorized boaters				
Non-motorized watercraft				
Vehicles				

8. How satisfied were you with the following amenities at this recreation facility/reservoir today. *Important:* Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please **check** the "Did Not Use" box, if you did not use the item or it daes not exist at the specific recreation facility.

Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
1	2	3	4	5	$\square$	
1	2	3	4	5	$\square$	
1	2	3	4	5		
1	2	3	4	5		
1	2	3	4	5		
1	2	3	4	5		
1	2	3	4	5		
1	2	3	4	5		
(1)	2	3	4	5		
(1)	2	3	4	5		
	2	3	4	5		
1	2	3	4	5		
	$ \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

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9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites GOOG</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in the ZIP code: $\underline{Hay Way d}$ or, country (if not the Unitwhat is your age: 33	
What is your gender? 🕅 Male 🗌 Female	Non-binary
Which of these categories best indicates your race and et	
Please select one or more.	, , , ,
American Indian/Alaskan Asian	nic or Latino 🚺 Don't know spanic or Latino
Please let us know if you have any additional comments r (contact information)	egarding your recreation experience during your visit:
	· · · · · · · · · · · · · · · · · · ·

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### ON-SITE/IN-PERSON RECREATION INTERVIEW

### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

### 1. Check the box on the location where you received this survey:

### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		V
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		· · · · · ·
Other (specify)	Ľ	Park

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

**YES** М NO (B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES YES

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	(1)	2	3	4	5	
While boating/flshing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

Ø NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Park

Other:

(Please select one response)	plans						
Visited at a time of		hough	t wou	ld be l	ess cr	owdeo	3
I visited on a day of t	he we	ek i th	ought	would	d be k	ess cro	wded
I avoided places here		-					
Other (please specify	/)						
. Did the actions or behavior of	fany o	ther g	roup o	or indi	vidua	interf	ere with your enjoyment on this trip?
	)						
If yes, what type of group or pe	erson i	nterfe	red w	ith you	ur enj	oymer	it on this trip?
Group/Person	Reaso	n(s)					
	Prox	imity	I	Loudn	ess	Othe	er (please specify)
Motorized boaters		]					
Non-motorized watercraft	Γ	٦					
How satisfied were you with t							
. How satisfied were you with t <i>Important: Please only circle o</i>	a numi so, ple	ber fo ase <mark>c</mark> h	r the	items	<u>that</u>	you u	ation facility/reservoir today. <u>sed during your current visit</u> to this specific pox, if you did not use the item or it does not
Important: Please only circle of recreation facility/reservoir. Als	a numi so, plea facility.	ber fo ase ch	r the heck th	items he "Dia p <b>eije</b>	<u>that</u> d Not	ut Cse Use ot Cse	sed during your current visit to this specific
. How satisfied were you with t <i>Important</i> : Please only circle of recreation facility/reservoir. Als	a numi so, plei facility.	ber fo ase ch	r the	items	<u>that</u>	<b>you u</b> Use" l	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f	A numi so, plea facility.	ber fo ase ch	r the neck th	Dissatisfied	Very Dissatisfied	ut Cse Use ot Cse	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f	a numi so, plea facility.	ber fo ase ch 2	r the neck th Seither 3	items ne "Dia Bissatistied 4	<del>that</del> م Very Dissatisfied	ut Cse Use ot Cse	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f Restroom Picnic sites	A numi so, plea facility.	ber fo ase ch 2 2 2	r the Deck the Seither 3 3	items ne "Dia Dissatistied 4 4	that Not Dissatisfied کے لیے	ut Cse Use ot Cse	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f Restroom Picnic sites Trash receptacles	facility.	ber fo ase ch 2 2 2 2	r the beck the Seither 3 3 3	items ne "Dic Dissatistied 4 4	that Very Dissatisfied	ut Cse Use ot Cse	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f</li> <li>Restroom Picnic sites Trash receptacles Vehicle parking areas</li> </ul>	A numi so, plea facility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Seither 3 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4	that Not S S S S S	ut Cse Use ot Cse	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Also exist at the specific recreation for Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area</li> </ul>	a numi so, plea facility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2	r the heck the Seither 3 3 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4 4 4 4	that Not 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

Y

□ Bleed better signage □ Playground

Page 3 of 4

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**Roads to facility** 

Other:

Signage to the facility

Signage within the facility

9. How did you obtain information to plan your current trip? (Please select all that apply)	
Federal or State website	
City, local, or municipal website Social media (e.g., Facebook, Twitter, etc.)	
Xcel website Travel guides and tour books	
Other websites Newspaper/magazine article	
Maps, brochures, pamphlets Radio/TV broadcasts	
□ Visitor bureaus/centers □ Other (specify): □ OCA	
Previous visits	
What is the ZIP code where you live or country if not in the United States?	
ZIP code: Hayward or, country (if not the United States):	
What is your age: 27	
What is your gender? 🖾 Male 🗌 Female 🗌 Non-binary	
Which of these categories best indicates your race and ethnicity? Answer only for yourself.	
Please select one or more.	
🗌 American Indian/Alaskan 🔲 Asian 🔀 White	
🔲 Native Hawaiian/other Pacific 📄 Hispanic or Latino 🗍 Don't know	
Black/African-American Not Hispanic or Latino	
Please let us know if you have any additional comments regarding your recreation experience during your vis	it.
(contact information)	ate
-Add+1. Fishing pier b/c existing pier 9	Crowded
(contact information) - Add+1. Pisning pier b/c existing pier 9 - Add+1. signage	any w
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### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

### Hayward Project:

X YES

in hip

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:

NO NO

- (A) Which of these activities have you participated in on your current visit to the area.
- (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY {Check <u>only</u> one}
Shoreline/tailwater fishing		
Fishing from a boat		····
Motorized boating		194 felde Anak
Non-motorized boating		
Swimming		· · · · ·
Picnicking		- 101-1
Wildlife Viewing		an a
Ice Fishing		
Other (specify)		VATV

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? ATV TRAIL-COULD NOT Find TVAIL #30 Page 1 of 4

l	C)	: Which	of the	following	reasons. it	f anv. ex	olain whv	vou did r	not engage ir	the activity?
ч	$\sim$ ,		01 0110		10000110/1			/		

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	Rules o	or regulations	did not	allow	for activ	itv
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	Area was	temporarily	/ closed	to the	nublic
_	Aled Wds	remporaring	( CIOSEU	to the	public

- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

- (Please describe): \_\_\_
- 5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	- (1)	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	Þ
While fishing from the shoreline	1	2	3	4	S	Ø
While boating/fishing from a boat	1	2	3	4	5	Ð

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

X	•

M NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

(Please select one respons	-		
I visited at a time		t would be less c	rowded
I visited on a day	of the week I th	ought would be l	ess crowded
I avoided places h	ere I thought w	ould be crowded	l today
🔲 Other (please spe	cify)		
🗆 YES 🔤	NO		I interfere with your enjoyment on this trip?
If yes, what type of group o	r person interfe	red with your en	joyment on this trip?
Group/Person	Reason(s)		
	Proximity	Loudness	Other (please specify)
Motorized boaters			
Non-motorized watercraft			
Vehicles			
Important: Please only circ	le a number foi Also, please <b>ch</b>	r the items <u>that</u>	s recreation facility/reservoir today. <b>you used during your current visit</b> to this specific t Use" box, if you did not use the item or it does not
	Satisfied fied	er tisfied Dissatisfied	True ArAy If you were dissatisfied for any reason.

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	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfie	Did Not Use	TVUI LIVAY If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5		
Picnic sites	1	2	3	4	5		
Trash receptacles	1	2	3	4	5		
Vehicle parking areas	(1)	2	3	4	5		
Boat launch parking area	1	2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5		
Roads to facility	$\binom{1}{1}$	2	3	4	5		ch an and a l
Signage to the facility		(2)	3	<b>(4</b> )	5		ATV signage science to stop
Signage within the facility	1	2	3	(4 (4)	5		seemed to stop
Other:	1	2	3	4	5		

9. How did you obtain information to plan your current trip? (Please select all that apply)
Federal or State website Word of mouth
City, local, or municipal website Social media (e.g., Facebook, Twitter, etc.)
Xcel website     Travel guides and tour books
Conter websites     Newspaper/magazine article
Maps, brochures, pamphlets Radio/TV broadcasts
Visitor bureaus/centers   Other (specify):
Previous visits
What is the ZIP code where you live or country if not in the United States?
ZIP code: $\underline{53510}$ or, country (if not the United States):
What is your age: 27/25
What is your gender? 🖾 Male 🕅 Female 🗌 Non-binary
Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.
🗌 American Indian/Alaskan 🔲 Asian 🔟 Śian
Native Hawaiian/other Pacific I Hispanic or Latino I Don't know
Black/African-American     Not Hispanic or Latino
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information)

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### ON-SITE/IN-PERSON RECREATION INTERVIEW

### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

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### 1. Check the box on the location where you received this survey:

### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		lum
Fishing from a boat		
Motorized boating		
Non-motorized boating		- ve
Swimming		
Picnicking		
Wildlife Viewing		· · · · · · · · · · · · · · · · · · ·
Ice Fishing		······
Other (specify)		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

T YES

ł	C	: Which	of the	following re	easons, if any,	explain why	vou did no	t engage in th	e activity?
Ŋ	~		or the	10110 millig i C	susons, n uny	CAPICITY WITH	. you ulu no	Chease in th	ic doctaity .

Dulas -	or regulations	بالمتعادية المكالية	- 11	بريقار والقم ب
- Rules c	NE REQUIATIONS	ala nor ;	anow tor	activity

Area was temporarily closed to the public

Not enough time			
Safety concerns			
Not enough information about the activity			
Too crowded			
Difficult road or trail access			
No road or trail access	/		1
Unsatisfactory facilities or conditions of land or water (please specify)_			
Resource damage due to overuse			
No facilities or services			
Bad weather		1	
Flooding or other natural hazard			
Other (please specify)		·	

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4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?



(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

5. During the planning process f						
(Please select one response)	lans					
I visited at a time of		ght wou	ıld be l	less cr	owdeo	4
I visited on a day of t						
I avoided places here	e I thought	would	be cro	wded	today	
Other (please specify	/)					
7. Did the actions or behavior of	any other	group	or indi	vidual	intorf	fere with your enjoyment on this trip?
	uny ourer	Proch		viddai	anten	
	)					
/ If yes, what type of group or pe	erson inter	fered w	ith voi	ur e <b>n</b> ic	vmen	nt on this trin?
			icity you	ur enge	- ymen	
Gloup/Person	Reason(s)					
	Proximit	y	Loudn	ess	Othe	er (please specify)
Motorized boaters						
Non-motorized watercraft						
Vehicles						
Important: Please only circle o	a number <sub>.</sub> so, please	for the	items	<u>that</u> d Not	you us	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
Important: Please only circle on recreation facility/reservoir. Als	a number so, please facility.	for the check th	items	<u>that</u> d Not	<mark>you u</mark> s Use" l	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
Important: Please only circle on recreation facility/reservoir. Als	a number so, please facility.	for the check th	items	Dissatisfied Dissatisfied	you us	sed during your current visit to this specific
Important: Please only circle on recreation facility/reservoir. Als	a number so, please facility. Satistied 1 2	for the check the Neither 3	items he "Did	<u>that</u> d Not	Use"   Use"   So	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist ot the specific recreation f	A number so, please facility.	for the check the Neither 3	items he "Dia Dissatistied	Very Dissatisfied by p	Did Not Use	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist ot the specific recreation f	a number so, please facility. Satistied 1 2	for the check the Neither 3	items he "Di Dissatistied 4	that Not Dissatisfied	Did Not Use	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist ot the specific recreation for the speci	a number so, please acility.	for the check the Neither 3 3 3	items he "Dia Dissettistied 4 4	that Not Cery Dissatisfied	Use " I Diq Not Ose	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist of the specific recreation for the speci	a number so, please acility. 1 (2) 2 1 1 (2) 2 1 1 (2) 2 1 1 (2) 2 1 1 (2) 2 1 1 (2) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	for the check the second secon	items he "Dia Dissatistied 4 4 4	that Not 5 5 5	Did Not Use	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Page	3	of	4	
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9. How did you obtain information to plan your current trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Other (specify):</li> </ul>
What is the ZIP code where you live or country if not in the United States? ZIP code: <u>54(ele)</u> or, country (if not the United States): What is your age:40
What is your gender? 🖸 Male 🗌 Female 🗌 Non-binary
Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:
(contact information)

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### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

### Check the box on the location where you received this survey: 1.

### Hayward Project:

Family

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- 🔀 City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

### **Trego Project:**

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- **Trego South Tailwater Access**
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing	Х	X
Fishing from a boat		<b>F</b>
Motorized boating		
Non-motorized boating		
Swimming		The second state second s
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

	1	×
(B): If YES: What was	it?	

T YES

XI NO

Page 1 of 4

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

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П	Rules c	or regulations	did ı	not allov	<i>N</i> for	activity
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Area was temporarily closed to the public

Not enough time	
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Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 yes 🛛 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at ali crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	$\left(\hat{1}\right)$	2	3	4	5	
On the trails		2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline		2	3	4	S	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:	_
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🔀 It did not affect m	e) Iy plans		
I visited at a time	of day I thought v	would be less c	rowded
I visited on a day of a day	of the week I thou	ught would be l	ess crowded
I avoided places h	_		-
Other (please spe	cify)		· · · · · · · · · · · · · · · · · · ·
7. Did the actions or behavior	r of any other gro	up or individua	l interfere with your enjoyment on this trip?
	or any other Bro		interfere with your enjoyment on this trip:
🔲 YES 🕅 🕅	NO		
fuer what time of mour or	- nouson interform	al	
If yes, what type of group or	person interiere	a with your enj	oyment on this trip?
Group/Person	Reason(s)		
	Proximity	Loudness	Other (please specify)
Motorized boaters			
Non-motorized watercraft			
Vehicles			
	h the following a:		recreation facility/reservoir today.
		the items <b>that</b>	
Important: Please only circl	le a number for t Also, please <mark>chec</mark>		Use" box, if you did not use the item or it does not

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	Very Sati	Satisfied	Neither	Dissatisfi	Very Diss	Did Not L	If you were dissatisfied for any reason, please explain why:
Restroom	Î	2	3	4	5		
Picnic sites	$\overline{\mathbb{O}}$	2	3	4	5		
Trash receptacles		2	З	4	5		
Vehicle parking areas	$(\mathbf{\hat{r}})$	2	3	4	5		
Boat launch parking area	1	2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5		
Roads to facility	(1)	2	3	4	5		
Signage to the facility	Ĩ	2	3	4	5		
Signage within the facility		2	3	4	5		
Other:	1	2	3	4	5		
	-tu		اا	Page 3	of 4	<u> </u>	9 - 1 - 1 - 1

9. How did you obtain information to plan	an your current trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
	Travel guides and tour books
	Newspaper/magazine article
Other websites	Radio/TV broadcasts
Maps, brochures, pamphlets	Other (specify): Bait Shap
Visitor bureaus/centers	
Previous visits	
What is the ZIP code where you live or count	
ZIP code: <u>55101</u> or, country (i	(if not the United States):
What is your age: <u>45</u>	
What is your gender? 🔲 Male	Female 🔲 Non-binary
Which of these categories best indicates you	ur race and ethnicity? Answer only for yourself.
Please select one or more.	
American Indian/Alaskan	🗌 Asian 🛛 🕅 White
Native Hawaiian/other Pacific	Hispanic or Latino
Black/African-American	Not Hispanic or Latino
Please let us know if you have any additional contact information)	al comments regarding your recreation experience during your visit:

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### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

### Hayward Project:

- Trego Project:
  - Town of Trego Park Boat Landing
- Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access

City of Hayward Boat Landing

**Carry-In Access** 

- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

X. Hayward Canoe Portage Take-out and

Hayward Canoe Portage Trail and Put-in

Informal Tailwater Bank Fishing Access

- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		· • • • • • • • • • • • • • • • • • • •
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		and a ship datasets
Other (specify)	X check out dam	X

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

yes	D NO
(B): If YES: What w	/ vas it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

Rules or regulations did not allow for activity

Area was temporarily closed to the public

Not enough time

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	Ø
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	-0

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

, Ar No

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

\_\_\_\_\_ Other: \_\_\_\_\_\_

C During the planning presses			<b>h</b>				at success of the second se					
	or you	r visit,	, now i	aia thi	e pos	ыршту	of crowds affect your trip plans?					
(Please select one response)							•					
$\sqrt{2}$ It did not affect my plans												
I visited at a time of day I thought would be less crowded I visited on a day of the week I thought would be less crowded												
_			-									
<ul> <li>I avoided places here I thought would be crowded today</li> <li>Other (please specify)</li> </ul>												
Other (please specif	/)											
7. Did the actions or behavior o	f any ot	her g	roup (	or i <b>ndi</b>	vidua	l interi	fere with your enjoyment on this trip?					
	)											
If yes, what type of group or p	erson ir	nterfe	red w	ith you	ur enj	oymer	nt on this trip?					
				1		•	·					
Group/Person	Reasor	n(s)										
_	Proxi	mity		Loudn	ess	Oth	er (please specify)					
Motorized boaters		]										
Non-motorized watercraft	Г	7										
Non-motorized watercraft												
recreation facility/reservoir. Al	a numł so, plec	ber fo	r the	items	<u>that</u>	you u	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not					
8. How satisfied were you with t Important: Please only circle	a numt so, plec facility.	ber fo ase <b>ch</b>	r the Ie <b>ck</b> th	items he "Did	atisfied	<u>you u</u> Use" ( S	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,					
8. How satisfied were you with a <i>Important</i> : Please only circle recreation facility/reservoir. Al	a numł so, plec	ber fo	r the	items	atisfied	you u Use" i	<u>sed during your current visit</u> to this specific box, if you did not use the ite <b>m</b> or it does not					
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<ol> <li>How satisfied were you with a <i>important</i>: Please only circle recreation facility/reservoir. Al exist at the specific recreation in the specific recreation in the specific recreation.</li> <li>Restroom</li> <li>Picnic sites</li> </ol>	a numk so, plec facility. 1	per fo ase ch	r the heck th 3 3	items ne "Dia Dissatistied 4	that Not S S S S	<u>you u</u> Use" ( S	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,					
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<ol> <li>How satisfied were you with the important: Please only circle recreation facility/reservoir. All exist at the specific recreation for the specific recreation</li></ol>	a numk so, plec facility. AciX Satistied 1 1	per fo ase ch 2 2 2 2	r the heck th 3 3	items ne "Dic Dissatistied 4 4 4	that Not Satisfied	<u>you u</u> Use" ( S	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,					
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<ul> <li>8. How satisfied were you with the important: Please only circle recreation facility/reservoir. All exist at the specific recreation for the specific recreat</li></ul>	a numb so, plec facility. 1 1 1 1 1 1 1 1	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the reck th 3 3 3 3 3 3 3 3 3	items he "Dia Dissatistied 4 4 4 4 4 4 4 4 4 4 4 4	that Not Not Not S S S S S S S S S		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:					
<ul> <li>8. How satisfied were you with the important: Please only circle recreation facility/reservoir. All exist at the specific recreation for the specific recreat</li></ul>	a numb so, plec facility. 1 1 1 1 1 1 1 1 1	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the reck th 3 3 3 3 3 3 3 3 3 3 3	items he "Dia Dissatistied 4 4 4 4 4 4 4 4 4 4 4	that Not S S S S S S S S S S S		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:					
<ul> <li>8. How satisfied were you with the important: Please only circle recreation facility/reservoir. All exist at the specific recreation is a specific recreating reprised recreation is a specific recreation is sp</li></ul>	a numb so, plec facility. 1 1 1 1 1 1 1 1 1 1 1	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the seck t	items he "Dia Dissatistied 4 4 4 4 4 4 4 4 4 4 4	that Not Not Not Not S S S S S S S S S S S S S S S		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:					
<ul> <li>8. How satisfied were you with the important: Please only circle recreation facility/reservoir. All exist at the specific recreation for the specific recreat</li></ul>	a numb so, plec facility. facility. 1 1 1 1 1 1 1 1 1 1 1 1	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the reck the 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items ine "Dic Dicsatistied 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5 5		<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,					

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Federal or State website Word of mouth   City, local, or municipal website Social media (e.g., Facebook, Twitter, etc.)   Xcel website Travel guides and tour books   Other websites Newspaper/magazine article   Maps, brochures, pamphlets Radio/TV broadcasts   Visitor bureaus/centers Other (specify):   Previous visits Visitor
Xcel website       Travel guides and tour books         Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):
Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):
Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):
Visitor bureaus/centers NPS Other (specify):
X       Visitor bureaus/centers       NPS       Other (specify):         Previous visits       VISHOV       Other (specify):
Previous visits VISITOV
- Center
What is the ZIP code where you live or country if not in the United States?
ZIP code: <u>U3379</u> or, country (if not the United States):
What is your age: <u>8</u>
What is your gender? 🕅 Male 🔲 Female 🗌 Non-binary
Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.
🗌 American Indian/Alaskan 📄 Asian 🕅 🕅 Mite
🔲 Native Hawaiian/other Pacific 🛛 🗌 Hispanic or Latino 🦾 Don't know
Black/African-American Not Hispanic or Latino
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information)
improved signage and/or accessability (ADA) viewing & panking
(AVA) viewing & paravy

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## ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711) NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:

- Trego Project:
- 🕅 Hayward Canoe Portage Take-out and
- ' Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		, <u>Phase</u>
Motorized boating		· · · · · · · · · · · · · · · · · · ·
Non-motorized boating		
Swimming		
Picnicking		<u></u>
Wildlife Viewing		Mino -
Ice Fishing		
Other (specify)	X Chucking	X

# out dam w kids

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

YES	لگر الگر	NO
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(B): if YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

Rules or regulati	ons did no	ot allow fo	r activitv
i nuica or reguluu		0, 110 11 10	

Area was temporarily closed to the
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Not enough time	

Safety concerns

Not enough information about the activity

Too crowded

- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	,er
At a developed campground	1	2	3	4	5	, D
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	D
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES
-----

(C)	lf	YES,	what	did	you	doĩ
-----	----	------	------	-----	-----	-----

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

6.	During the planning process	for your visit,	how did the possib	oility of crowds affect	your trip plans?
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(Please select one response)

[X] It did not affect my plans

- I visited at a time of day I thought would be less crowded
- I visited on a day of the week I thought would be less crowded
- I avoided places here I thought would be crowded today
- Other (please specify) \_\_\_\_

7. Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip?

Î) NO YES

If yes, what type of group or person interfered with your enjoyment on this trip?

Group/Person	Reason(s)			
	Proximity	Loudness	Other (please specify)	
Motorized boaters				í
Non-motorized watercraft				· · · · · · · · · · · · · · · · · · ·
Vehicles				· · · · · · · · · · · · · · · · · · ·

8. How satisfied were you with the following amenities at this recreation facility/reservoir today. Impartant: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5		
Picnic sites	1	2	3	4	5		
Trash receptacles	1	2	3	4	5		
Vehicle parking areas	1	2	(3)	4	<b>5</b> ·		
Boat launch parking area	1	2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5		
Roads to facility	<b>(i)</b>	2	3	4	5		Poor signage, wasn't
Signage to the facility	1	2	3	(4)	5		char where dam
Signage within the facility	1	2	3	4	5		Poor signage, wasn't char where dam & PONTage access
Other:	1	2	3	4	5		was.
			F	Page 3	of 4	····	· · · · · · · · · · · · · · · · · · ·

Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
$\int \mathcal{A}$ Maps, brochures, pamphlets	Radio/TV broadcasts
$\nabla$ Visitor bureaus/centers $\nabla V >$	Other (specify): VUNHCK
Previous visits Visito	renter
/hat is the ZIP code where you live or country if n	
<b>a</b>	the United States):
/hat is your age: <u>2.8</u>	
,	
/hat is your gender? 🗌 Male 🛛 💭 Fem	ale 🔄 Non-binary
/hich of these categories best indicates your race	and ethnicity? Answer only for yourself.
lease select one or more.	
American Indian/Alaskan	Asian 🔀 White
Native Hawailan/other Pacific	Hispanic or Latino
Black/African-American	Not Hispanic or Latino

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#### ON-SITE/IN-PERSON RECREATION INTERVIEW

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### NPS Recreation Survey Questionnaire

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- Hayward Project:
  - Hayward Canoe Portage Take-out and Carry-In Access
  - Hayward Canoe Portage Trail and Put-in
  - Informal Tailwater Bank Fishing Access
  - City of Hayward Boat Landing
  - City of Hayward Beach/Fishing Pier
  - Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- **Town of Trego Park Boat Landing**
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

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- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		· K
Fishing from a boat		
Motorized boating		· · · · · · · · · · · · · · · · · · ·
Non-motorized boating		
Swimming		Laurenter
Picnicking		e yn de fel felder - feld de de gerren en ser
Wildlife Viewing		¥ 6878
Ice Fishing		······································
Other (specify)	· · ·	The states

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

  - (B): If YES: What was it?

S	119/22						
(0	C): Which of the following reaso	ns, if any, exp	blain why you	ı did not enga	ige in the act	ivity?	
	Rules or regulations did	not allow for	activity				
	Area was temporarily clo	osed to the p	ublic				
	Not enough time						
	Safety concerns						
	Not enough information	about the ad	tivity				
	Too crowded						
	Difficult road or trail acc	ess					
	No road or trail access						
	Unsatisfactory facilities of	or conditions	of land or w	ater (please s	pecify)		
	Resource damage due to	overuse					
	No facilities or services						
	Bad weather						
	Flooding or other natura						
	Other (please specify)						
	oes anyone in your personal gr ccess or participate in [site] activ		-	lition or perso	onal limitatio	on that made	it difficult to
	YES NO					•	
lf	YES, on this visit what activities	or services d	id the persor	n(s) have diffi	culty accessir	ng or particip	ating in?
. (I	Please describe):						
5. (/	A) How crowded did you feel w	hile recreatin	g at these lo	cations today	at this recre	ation facility/	reservoir?
[5	Select one number for each or in	ndicate it was	not applicab	le to your vis	it.]		
LOC	ATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In pa	irking areas	(1)	2	3	4	5	
On t	he trails	1	2	3	4	5	
					······		

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At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

D NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

During the planning process f	for your v	isit, how	did the	e poss	ibility	of crowds affect your trip plans?
(Please select one response)		.,		[		
It did not affect my p	olans					
I visited at a time of	day i tho	ught wou	uld be l	ess cr	owded	
I visited on a day of t		-				wded
I avoided places here					-	
Other (please specify	Y)					Ne ( e
Did the actions or behavior o	fany othe	er group	or indi	vidual	interf	ere with your enjoyment on this trip?
	)					
If yes, what type of group or p	erson inte	erfe <b>red</b> w	/ith you	ur enje	oymen	t on this trip?
Group/Person	Reason(s	)				
_	Proxim	ity	Loudn	ess	Othe	r (please specify)
Notorized boaters						
Ion-motorized watercraft						<u>.                                    </u>
	_		_			· · · · · · · · · · · · · · · · · · ·
/ehicles How satisfied were you with t	LL the follow	/ing ame	nities a	ıt this	recrea	tion facility/reservoir today.
How satisfied were you with t Important: Please only circle of	a numbei so, please facility. ច្ច	r for the e <b>check</b> t	items he "Dii	<u>that</u> d Not	<b>you us</b> Use" E	tion facility/reservoir today. <u>red during your current visit</u> to this specific hox, if you did not use the item or it does not If you were dissatisfied for any reason,
How satisfied were you with t Important: Please only circle or recreation facility/reservoir. Al.	a numbei so, please facility. <b>Peijs</b>	r for the	items	<u>that</u> d Not	you us	<b>End during your current visit</b> to this specific nox, if you did not use the item or it does not
How satisfied were you with t <i>Important:</i> Please only circle or recreation facility/reservoir. Al.	a number so, please facility. NerA Satistie A Satistica NerA Satistica NerA Satistica NerA Satistica NerA Satistica	r for the e <b>check</b> t	items he "Dii	<u>that</u> d Not	<b>you us</b> Use" E	in the specific for any reason,
How satisfied were you with t <i>Important:</i> Please only circle recreation facility/reservoir. Al exist at the specific recreation j	a number so, please facility.	r for the e <b>check</b> t Neither	items he "Dia Dissatisfied	Very Dissatisfied	Did Not Use Did Not Use	in the specific for any reason,
How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation p Restroom	a number so, please facility.	r for the e check t Neither 3	Items he "Did Dissatistied 4	that Not Very Dissatisfied	Did Not Use Did Not Use	in the specific for any reason,
How satisfied were you with t <i>Important:</i> Please only circle recreation facility/reservoir. All exist at the specific recreation p Restroom Picnic sites	a number so, please facility.	r for the e check t Neither 2 3 2 3	items he "Did Dissatistied 4 4	that Not Dissatisfied 2	Did Not Use Did Not Use	in the specific for any reason,
How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation j Restroom Picnic sites Trash receptacles	a number so, please facility.	r for the e check t Neither 2 3 2 3 3 3 3	Items he "Did Dissatistied 4 4	that Not S S S S	Did Not Use Did Not Use	in the specific for any reason,
How satisfied were you with t Important: Please only circle recreation facility/reservoir. All exist at the specific recreation p Picnic sites Trash receptacles Vehicle parking areas	a number so, please facility.	r for the e check t Satisfied 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3	Items he "Did Dissatisfied 4 4 4 4	that Not 5 5 5 5	Did Not Use Did Not Use	in the specific for any reason,
How satisfied were you with t Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation p Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	a number so, please facility.	r for the e check t setistied 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3	ltems he "Did Dissatistied 4 4 4 4 4 4	that Not 5 5 5 5 5 5	Did Not Use Did Not Use	ed during your current visit to this specific nox, if you did not use the item or it does not If you were dissatisfied for any reason,

Narrow road when entering the beach

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**Roads to facility** 

Other:

**5ignage to the facility** 

Signage within the facility

8/19/22         9. How did you obtain information to plan your current trip? (Please select all that apply)         Federal or State website       Word of mouth         City, local, or municipal website       Social media (e.g., Facebook, Twitter, etc.)         Xcel website       Travel guides and tour books         Other websites       Inavel guides and tour books         What is websites       Radio/TV broadcasts         Visitor bureaus/centers       X Other (specify): LOCAL         Previous visits       Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code:       G4843         or, country (if not the United States?         ZIP code:       G4843         or, country (if not the United States?         What is your age:       G4         What is your gender?       Male         Xermal       Female         Non-binary         Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.       American Indian/Alaskan         American Indian/Alaskan       Aslan         Male       Not Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding y		
9. How did you obtain information to plan your current trip? (Please select all that apply)         □       Federal or State website         □       City, local, or municipal website         □       Maps, brochures, pamphlets         □       Maps, brochures, pamphlets         □       Nother objectify):         □       Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: <u>□</u> □       Previous visits         What is your age: <u>□</u> What is your age: <u>□</u> □       Male         ○       Female       Non-binary         White is your age: <u>□</u>	8/19/22	
City, local, or municipal website $\Box$ Social media (e.g., Facebook, Twitter, etc.) Xcel website $\Box$ Travel guides and tour books Other websites $\Box$ Newspaper/magazine article Maps, brochures, pamphlets $\Box$ Radio/TV broadcasts Visitor bureaus/centers $\Box$ Other (specify): $\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_$	9. How did you obtain information to plan your current trip? (Please select all that apply)	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Federal or State website State Word of mouth	
□       Other websites       □       Newspaper/magazine article         □       Maps, brochures, pamphlets       □       Radio/TV broadcasts         □       Visitor bureaus/centers       □       Other (specify):OCA.]         □       Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: <u>□</u> □       Other (specify):         What is the ZIP code where you live or country (if not the United States?         ZIP code: <u>□</u> □       or, country (if not the United States?         ZIP code: <u>□</u> What is your age: <u>□</u> What is your age: <u>□</u> What is your age: <u>□</u> What is your gender?       Im Male         Nale       Non-binary         White sour gender?       Im Male         □       American Indian/Alaskan       Im Asian         □       American Indian/Alaskan       Im Asian         □       American Indian/Alaskan       Im Asian         □       Not Hispanic or Latino       Im On't know         Please let us know if you have any additional comments regarding your recreation experience during your visi (contact information)      <	City, local, or municipal website Social media (e.g., Facebook, Twitter,	, etc.)
$ \begin{array}{  c                                  $	Xcel website Travel guides and tour books	
$\Box$ Visitor bureaus/centers $\Box$ Other (specify): $\_LOCA$ $\Box$ Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: $\_\underline{G4843}$ or, country (if not the United States):	Other websites Newspaper/magazine article	
<ul> <li>□ Previous visits</li> <li>What is the ZIP code where you live or country if not in the United States?</li> <li>ZIP code: <u>64843</u> or, country (if not the United States):</li></ul>	Maps, brochures, pamphlets Radio/TV broadcasts	
What is the ZIP code where you live or country if not in the United States? ZIP code: $64843$ or, country (if not the United States):	$\Box$ Visitor bureaus/centers $\Box$ Other (specify): $Local$	
ZIP code: <u>64843</u> or, country (if not the United States):         What is your age: <u>W</u> What is your gender?       Male <u>A</u> Female       Non-binary         What is your gender?       Male <u>A</u> Female       Non-binary         Whith of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.	Previous visits	
ZIP code: <u>64843</u> or, country (if not the United States):	What is the ZIP code where you live or country if not in the United States?	
What is your age:       UH         What is your gender?       Male       A Female       Non-binary         Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.       American Indian/Alaskan       Asian       White         American Indian/Alaskan       Asian       White         Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino       Don't know         Please let us know if you have any additional comments regarding your recreation experience during your visi (contact information)       Master / pick UP         Kage       for dog       Waster / pick UP         Gaose       poop is offen back		
What is your gender?       Male       Female       Non-binary         Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.       American Indian/Alaskan       Asian       White         American Indian/Alaskan       Asian       White         Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino       Don't know         Please let us know if you have any additional comments regarding your recreation experience during your visi (contact information)       Male the sector of the sect		
Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visi (contact information)         # Signage for dog Waste/pick Up         K Goase poop is offen bad	What is your age:	
Please select one or more. American Indian/Alaskan Asian White Native Hawaiian/other Pacific Hispanic or Latino Don't know Black/African-American Not Hispanic or Latino Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information) <u>KGoose poop is offen bad</u>	What is your gender? 🗌 Male 🙀 Female 📋 Non-binary	
<ul> <li>American Indian/Alaskan</li> <li>Asian</li> <li>Mative Hawaiian/other Pacific</li> <li>Hispanic or Latino</li> <li>Black/African-American</li> <li>Not Hispanic or Latino</li> </ul> Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information) ¥ Signage for dog waste/pick up SGoose poop is offen bad	Which of these categories best indicates your race and ethnicity? Answer only for yourself.	
Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino       Don't know         Please let us know if you have any additional comments regarding your recreation experience during your visi (contact information)       Masse / pick up         KSignage       For dog       Wasse / pick up         Goose       poop is offen bad	Please select one or more.	
Black/African-American Not Hispanic or Latino Please let us know if you have any additional comments regarding your recreation experience during your visi (contact information) <u>KGOOSE poop is often bac</u>	🗌 American Indian/Alaskan 🔄 Asian 🔂 White	
Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information) <u>*Signage for dog Waste/pick Up</u> <u>SGOOSE poop is offen bad</u>	🗌 Native Hawaiian/other Pacific 🔲 Hispanic or Latino 🖞 Don't know	
(contact information) <u>*Signage for dog Waste/pick up</u> <u>Sfoose poop is often bad</u>	🔲 Black/African-American 🛛 🗌 Not Hispanic or Latino	
	Esignage for dog waste/pick up	bed
	and panents w/ 2 grandchildren	
and panents w/ 2 grandchildren		
and panents w/ 2 grandchildren		
and panents w/ 2 grandchildren		
and parents w/ 2 grandchildren		
and panents w/ 2 grandchildren		
and panents w/ 2 grandchildren		
and panents w/ 2 grandchildren		
and panents w/ 2 grandchildren	Page 4 of 4	

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# \*Group of 3 men fishing

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Hayward Canoe Portage Trail and Put-in

Informal Tailwater Bank Fishing Access

- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
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- Trego Project:
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Shoreline/tailwater fishing	L	1/
Fishing from a boat		ter e en stanistic ta service ta service
Motorized boating		· · · · · · · · · · · · · · · · · · ·
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		·
Ice Fishing		, "90 - 178 4 8 4 1
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? \_

): Whi	ch of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather
	Flooding or other natural hazard
	Other (please specify)

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🖉 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	• 1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	(1)	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES
 169

🗌 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

							8/19/22
5. During the planning process	for your <b>v</b>	visit, ł	10W (	did th	e pos	sibility	of crowds affect your trip plans?
(Please select one response)	·	-			•	·	
It did not affect my	plans						
I visited at a time of	day I tho	ought	woul	ld be l	less cr	owdeo	1
I visited on a day of	the week	( I tho	ught	woul	d be l	ess cro	wded
I avoided places her	e I thoug	ht wo	ould b	be cro	wded	today	
Other (please specif	y)						<u>_</u>
7. Did the actions or behavior o	f any oth	er gro	oup c	or indi	vidua	l interf	ere with your enjoyment on this trip?
If yes, what type of group or p	erson int	erfere	ed wi	ith yo	ur enj	oymer	t on this trip?
Group/Person	Reason(s	s)					
	Proxim	nitv	1	Loudn	A22	Oth	er (please specify)
- Motorized boaters		,					. [picase specify]
Non-motorized watercraft	. Ц					$\Box$	
Vehicles							
Important: Please only circle	a numbe so, pleas	r for	the I	items	<u>that</u> d Not	you u	sed during your current visit to this specific
Important: Please only circle recreation facility/reservoir. Al	a numbe so, pleas facility.	er for Te <b>che</b>	the i c <b>k</b> th	items ne "Die	that d Not	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<i>Important</i> : Please only circle recreation facility/reservoir. An exist at the specific recreation	a numbe so, pleas facility.	satisfied	Neither	items ne "Die Dissatisfied	Very Dissatisfied pow p	<u>you u</u> Use" l	sed during your current visit to this specific box, if you did not use the item or it does not
Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation Restroom	a numbe so, pleas facility.	er for e che	the Induction Induction	items ne "Dia pissatistied 4	that Not bissatisfied	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<i>Important</i> : Please only circle recreation facility/reservoir. An exist at the specific recreation	a numbe so, pleas facility.	satisfied	Neither	items ne "Die Dissatisfied	Very Dissatisfied pow p	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation Restroom	a numbe so, pleas facility. Nev Satisfied 1 1	er for e che	the Induction Induction	items ne "Dia pissatistied 4	that Not bissatisfied	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation Restroom Picnic sites	a numbe so, pleas facility. 1 1 1	2 Satisfied	the I ck the 3	items ne "Dia pissatistied 4 4	that Not Cery Dissatisfied	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation Restroom Picnic sites Trash receptacles	a numbe so, pleas facility. Nev Satisfied 1 1	z Satisfied	the I Neither S S 3	items ne "Dia Dissatistied 4 4 4	that d Not 5 5 5 5	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation         Restroom         Picnic sites         Trash receptacles         Vehicle parking areas	a numbe so, pleas facility. 1 1 1 1	2 Satisfied 5 Sati	the Inck the Active Strength S	items ne "Dia Dissatisfied 4 4 4 4	that Not 5 5 5 5 5	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation         Restroom         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area	a numbe so, pleas facility. 1 1 1 1 1 1 1	2 Satisfied 5 Sati	the h ck th 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation for the specific recreating recreation for the specific recreation fo	a numbe so, pleas facility. 1 1 1 1 1 1 1	er for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the lock the second sec	items ne "Dia Pissatistied 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation facility/reservoir. All exist at the specific recreation for the specific recreating recreation for the specific recreation f	a numbe so, pleas facility. Ner Satisfied 1 1 1 1 1 1 1 1	er for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the Inck the Sector Sec	items ne "Dia Dissatistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation for the specific recreating recreation for the specific recreation fo	a numbe so, pleas facility.	er for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the lock the second sec	items ne "Dia Pissatistied 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation facility/reservoir. All exist at the specific recreation for the specific recreating recreation for the specific recreation f	a numbe so, pleas facility.	r for re che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the lock the second sec	items ne "Dia Pissatistied 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation facility/reservoir. All exist at the specific recreation for the specific recreating recreation for the specific recreation f	a numbe so, pleas facility. 1 1 1 1 1 1 1 1 1	2 Satisfied 5 Sati	the inck the second sec	items ne "Dia Poissatistied 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. All exist at the specific recreation facility/reservoir. All exist at the specific recreation for the specific recreating recreation for the specific recreation f	a numbe so, pleas facility. 1 1 1 1 1 1 1 1 1 1 1 1	r for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the <i>ick</i> the <b>second second s</b>	items ne "Dia 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:

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	8/19/22
. How did you obtain information to plan your curr	rent trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
hat is the ZIP code where you live or country if not ir P code: <u>55051</u> or, country (if not the U hat is your age: <u>35</u>	
/hat is your gender? 🖉 Male 🛛 🗌 Female	Non-binary
Black/African-American	an Don't know t Hispanic or Latino Don't know t Hispanic or Latino ts regarding your recreation experience during your visit
· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·	

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# 8/19/22

#### ON-SITE/IN-PERSON RECREATION INTERVIEW

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to S0-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:
  - Hayward Canoe Portage Take-out and Carry-In Access
  - Hayward Canoe Portage Trail and Put-in
  - Informal Tailwater Bank Fishing Access
  - City of Hayward Boat Landing
  - City of Hayward Beach/Fishing Pier
  - Bartz's Bay Informal Ice Fishing Access

- Trego Project:
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat				
Motorized boating	:	440		
Non-motorized boating	V Kayaking			
Swimming		V		
Picnicking				
Wildlife Viewing		7		
Ice Fishing				
Other (specify)				

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

YES (B): If YES: What was it? Daughter took child to restroom came upon several Page 1 of 4 homeless ppl camping out

14/6	ek efithe fellowing second if any evelois why you did not engage in the estivity O
wni	ch of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
$\Box$	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather
	Flooding or other natural hazard
	Other (please specify)

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4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3	4	5	Ą
At a developed campground	1	2	3	4	5	Ø
At a boat-in campsite	1	2	3	4	5	Ŭ 
While fishing from the shoreline	1	2	3	4	5	Þ
While boating/fishing from a boat		2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES
-----

<u>⊿</u> NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

- 			8/19/22				
(Please select one response) It did not affect my p I visited at a time of c I visited on a day of t Avoided places here	lans Jay I though he week I th I thought w	t would be ought woul rould be cro	less crowd Id be less cr wded toda	owded			
YES NO	rson interfe			rfere with your enjoyment on this trip? ent on this trip?			
Group/Person	Reason(s)						
	Proximity	Loudr	Loudness Other (please specify)				
Motorized boaters				]			
Non-motorized watercraft							
Vehicles				· · · · · · · · · · · · · · · · · · ·			
				·····			
	number fo o, please <mark>ch</mark>	r the items	Very Dissatisfied Very Dissatisfied Did Not Use	used during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:			
Restroom	1 2	3 4	5	see comments			
Picnic sites	1 2	3 4	5	200			
Trash receptacles	1 2	3 4	5 🛛	see comments trais Noureceptacles			
Vehicle parking areas	$(\tilde{1})$ 2	3 4	5				
Boat launch parking area	1 2	3 4	5 🗆				

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Trash receptacies		<b>_</b>	3	-	1	Non captacies
Vehicle parking areas		2	3	4	5	
Boat launch parking area	1	2	3	4	5	
Boat launch	1	2	3	4	5	
Boat dock	1	2	3	4	5	
Other:	1	2	3	4	5	
Roads to facility	(1)	2	3	4	5	
Signage to the facility	1	3	3	4	5	
Signage within the facility	1	2	3	4	5	
Other:	1	2	3	4	5	

	8/19/22
9. How did you obtain information to plan you	ur current trip? (Please select all that apply)
	Word of mouth
Federal or State website     City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Dedie /D ( breedenets
Visitor bureaus/centers	Fother (specify): Driving around
Previous visits	E Other (specify): Driving around and found it.
What is the ZIP code where you live or country if ZIP code:	
What is your age: 6	
What is your gender? Male 🗌 Fer	male 🗌 Non-binary
Which of these categories best indicates your rac	e and ethnicity? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan	Asian White
Native Hawaiian/other Pacific	Hispanic or Latino Don't know
Black/African-American	Not Hispanic or Latino
Please let us know if you have any additional com	nments regarding your recreation experience during your visit:
(contact information)	
* Notica there were	rit any trash bins-thought
it would be good	it any trash bins-thought to have them
* Dauguter avandson cas	me upon homeless polin
mari's Restroom	ne upon nomeless pplin ng w/ wife & daugnter,
* Grand father misitik	na w wife & daugnter,
The Elvaruation of the	1600
sil, \$ 2 grand child	avent

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#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

Check the box on the location where you received this survey:

#### Hayward Project:

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		,
Motorized boating		
Non-motorized boating		,
Swimming		••••*
Picnicking		~
Wildlife Viewing		
Ice Fishing		- Harris - Leasen
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - YES
  - (B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?
Rules or regulations did not allow for activity
Area was temporarily closed to the public
Not enough time
Safety concerns
Not enough information about the activity
Too crowded
Difficult road or trail access
No road or trail access
Unsatisfactory facilities or conditions of land or water (please specify)
Resource damage due to overuse
No facilities or services
Bad weather
Flooding or other natural hazard
Other (please specify)

8/19/22

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4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

Page 2 of 4

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

NO D

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Other:

Continued with current plans

· <u>·</u> ··································	•					8/19/22
6. During the planning proces	s for your	<sup>.</sup> visit, h	ow did tl	he poss	ibility	of crowds affect your trip plans?
(Piease select one response	e)					
It did not affect m	-					
i visited at a time of	of day I th	ought v	vould be	e less cr	owdeo	i i i i i i i i i i i i i i i i i i i
I visited on a day o	f the wee	ek I thou	ight wou	uld be l	ess cro	wded
I avoided places he	ere I thou	ght woi	uld be cr	owded	today	
Other (please speced)	ify)					
7. Did the actions or behavior YES	NO	-				ere with your enjoyment on this trip? It on this trip?
Group/Person	Reason	ı(s)				
	Proxi	mity	Loud	ness	Othe	er (please specify)
Motorized boaters		]				
Non-motorized watercraft		]		]		· · · · · · · · · · · · · · · · · · ·
Vehicles		]		]		
Important: Please only circle	e a numt Also, plec n facility.	per for i	he item	s <u>that</u> Did Not	<mark>you u</mark> Use" l	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
	γ Satisfied	isfied	ither satisfied	y Dissatisfied	Not Use	If you were dissatisfied for any reason,

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	Very S	Satisfie	Neithe	Díssati	Very D	Did Na	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5		
Picnic sites		2	3	4	5		
Trash receptacles	1	2	3	4	5		
Vehicle parking areas		2	3	4	5		
Boat launch parking area	1	2	з	4	5		
Boat launch	1	2	з	4	5		
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5		
Roads to facility	(1)	2	3	4	5		
Signage to the facility	1	2	á	14)	5		ongwent by phone map
Signage within the facility	1	2	3	(4)	5		Not much signage
Other:	1	2	3	4	5		

8/19/22	
9. How did you obtain information to plan your current trip? (Please select all that apply)	
Federal or State website       Word of mouth         City, local, or municipal website       Social media (e.g., Facebook, Twitter, etc.)         Xcel website       Travel guides and tour books         Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):	
What is the ZIP code where you live or country if not in the United States? ZIP code: <u>53583</u> or, country (if not the United States): What is your age: <u>52</u>	
What is your gender? 🗌 Male 🖉 Female 🗌 Non-binary	
Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino	
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information) N   A	
Family of 5 - Parents w/ 3 tranagers	
Page 4 of 4	

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9/11/22

#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final<sup>¬</sup>license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

#### 1. Check the box on the location where you received this survey:

#### Hayward Project:

#### Trego Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- □ ·-
  - Town of Trego Park Boat Landing
  - L Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat				
Motorized boating	سسئل	l.		
Non-motorized boating				
Swimming		, y <del>24</del>		
Picnicking				
Wildlife Viewing		e melodine i		
Ice Fishing				
Other (specify)		a tanàng <sub>tan</sub> d		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🖉 NO

(B): If YES: What was it? \_\_\_\_

(C	): Which of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather
	Flooding or other natural hazard
	Other (please specify)

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	Į
While fishing from the shoreline	1	2	3	4	5	Þ
While boating/fishing from a boat	(1)	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

	YES
--	-----

🗌 NO

(C) If YES, what did you do?

Moved to a new locationChanged the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

		+				<u> </u>			
	9/11/22								
6.	6. During the planning process for your visit, how did the possibility of crowds affect your trip plans?								
	(Please select one response)								
	It did not affect my plans I visited at a time of day I thought would be less crowded								
	I visited on a day of t	-	_						
	I avoided places here			-					
	Other (please specify	)							
7.	Did the actions or behavior of	any o	ther g	roup o	or indi	vidual	linterf	ere with your enjoyment on this trip?	
If	yes, what type of group or pe	rson i	nterfe	red wi	ith yo	ur enj	oymer	nt on this trip?	
Gro	oup/Person	Reaso	n(s)						
	·	Ргох	imity	1	oudn	ess	Othe	er (please specify)	
Мо	torized boaters	Ľ				] [			
No	n-motorized watercraft	Γ							
Veł	nicles	Γ							
lr re		i num io, ple	ber fo ose <mark>ch</mark>	r the	items	<u>that</u>	you u	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not	
	· ·	sfied			ba	atisfied	se		
		Very Satisfi	Satisfied	Neither	Dissatisfied	Very Dissati	Did Not Use	If you were dissatisfied for any reason, please explain why:	
	Restroom	1	2	3	4	5			
	Picnic sites	1	2	3	4	5			
·····	Trash receptacles	1	2	3	4	5			
	Vehicle parking areas		2	3	4	5			
	Boat launch parking area		2	3	4	5		· ·	
	Boat launch		2	3	4	5			
	Boat dock	(1)	2	3	4	5			
	Other:	1	2	3	4	5			

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Roads to facility	$(\mathfrak{d})$	2	3	4	5	
Signage to the facility	1	2	3	4	5	
Signage within the facility	$(\mathbf{\hat{1}})$	2	3	4	5	
Other:	1	2	3	4	5	
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How did you obtain information to plan your cu	urrent trip? (Please select all that apply)
	_
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
Local	
What is the ZIP code where you live or country if not	t in the United States?
	e United States):
What is your age: <u>15</u>	
What is your gender? 🛛 Male 🛛 Femal	e Non-binary
Nhich of these categories best indicates your race a	nd ethnicity? Answer only for yourself.
Please select one or more.	
	sian White
	sian White
	lispanic or Latino 🔄 Don't know
Black/African-American N	lispanic or Latino Don't know lot Hispanic or Latino ents regarding your recreation experience during your visi
Black/African-American N	Iot Hispanic or Latino
Black/African-American N	Iot Hispanic or Latino
Black/African-American N	Iot Hispanic or Latino
Black/African-American N	Iot Hispanic or Latino
Black/African-American N	Iot Hispanic or Latino
Black/African-American N	Iot Hispanic or Latino
Black/African-American N	Iot Hispanic or Latino ents regarding your recreation experience during your visi
Black/African-American N	Iot Hispanic or Latino ents regarding your recreation experience during your visi
Black/African-American N	Iot Hispanic or Latino ents regarding your recreation experience during your visi
Black/African-American N Please let us know if you have any additional comme contact information)	Iot Hispanic or Latino ents regarding your recreation experience during your visi
Black/African-American N	Iot Hispanic or Latino ents regarding your recreation experience during your visi
Black/African-American I N	Iot Hispanic or Latino ents regarding your recreation experience during your visi
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Black/African-American I N	Iot Hispanic or Latino

### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### NPS Recreation Survey Questionnaire

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

#### 1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access

9/11/22

- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- \_ Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		<u> </u>
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		<sub>- 1</sub> 84
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? \_\_\_\_

ļ	(C): Which of the	following reasons	, if any, explain why	you did not engage	in the activity?

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	Rules	or regulations	did not	allow for	activity
	I NUICS	VI I CEQUIALIONS	ulu liot	anow 101	activity

$\square$	Area was	temporarily	v closed t	to the	public
	11100 1100	comportant			papine

Not	enough	timo
J INOT	enougn	ume

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	Æ
At a developed campground	1	2	3	4	5	Ð
At a boat-in campsite	1	2	3	4	5	Þ
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	Į

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 NO

(C) If YES, what did you do?

YES

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

It did not affect my		uahtwa	uld bo !	000 0	ouda	
I visited on a day of		-				
☐ I avoided places her		_				wacu
Other (please specif	ý)				-	
7. Did the actions or behavior of YES No	)					ere with your enjoyment on this trip?
Group/Person	Reason(s			urenj	oymen	t on this thp?
	Proxim	ity	Loudn	ess	Othe	er (please specify)
Motorized boaters						
Non-motorized watercraft						
Vehicles						and the first sector of th
	a numbe Isa, pleas facility.	r for the e <b>check</b>	e items the "Did	that Not d Not	<u>you us</u> Use" l	ition facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
Important: Please only circle recreation facility/reservoir. A	a numbe Isa, pleas facility.	r for th	e items the "Dis Dissatisfied	<u>that</u> d Not	<u>you u</u> Use" l	ed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Important: Please only circle recreation facility/reservoir. A exist at the specific recreation	a numbe Isa, pleas facility.	r for the Check	e items the "Dis Dissatisfied	Very Dissatisfied	<u>you us</u> Use" l	ed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Important: Please only circle recreation facility/reservoir. A exist at the specific recreation Restroom Picnic sites Trash receptacles	a numbe Isa, pleas facility. Aery Satisfied 1 1	r for the e check 2 3 2 3 2 3 2 3 2 3	e items the "Did Dissatistied Dissatistied 4 4 4	that Not Dissatisfied	<u>you us</u> Use" l	ed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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Boat dock

**Roads to facility** 

Signage to the facility

Signage within the facility

Other:

Other:

9. How did you obtain information to plan your current	t trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits Local	
What is the ZIP code where you live or country if not in th ZIP code: $54843$ or, country (if not the Unit	
What is your age: <u>45</u>	
What is your gender? 🗌 Male 🛛 🖊 Female	Non-binary
Which of these categories best indicates your race and et	hnicity? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan 🛛 Asian	White
🗌 Native Hawaiian/other Pacific 🛛 🗌 Hispan	nic or Latino 🛛 🗌 Don't know
Black/African-American Not His	spanic or Latino
Please let us know if you have any additional comments re (contact information)	egarding your recreation experience during your visit:
<u> </u>	
	· · · · · · · · · · · · · · · · · · ·

#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### NPS Recreation Survey Questionnaire

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#### 1. Check the box on the location where you received this survey:

#### Hayward Project:

9/11/22

- Hayward Canoe Portage Take-out and
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing

Carry-In Access

- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		· · · ·
Swimming		, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? \_\_\_\_

(C): Which of the following reasons, if any, explain	why you did not engage in the activity?
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	Rules	or regu	lations	did not	allow fo	or activity
	nuica		Iauons	ulu livi	. anow ru	

Area was temporarily closed to the public

	Not enough time
--	-----------------

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES ZNO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	í	2	3	4	5	
On the trails	1	2	3	4	5	2-
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	Į.
While fishing from the shoreline	1	2	3	4	5	Į
While boating/fishing from a boat	(1)	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

NO 🗌

(C) If YES, what did you do?

YE5

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

6. During the planning process f	orvou	r vicit	how	did th	o noce	sibilito	of crowds affect your trip plans?			
(Please select one response)	or you	F VISIL,	, 110W		e pos	sonry	of crowds affect your trip plans?			
It did not affect my p	olans									
I visited at a time of	day i ti	hough	nt wou	ld be l	less cr	owde	d ·			
I visited on a day of the week I thought would be less crowded I avoided places here I thought would be crowded today										
I avoided places here           Other (please specify)										
	'' <u> </u>		****							
7. Did the actions or behavior of	fany of	ther g	roup	or indi	vidua	linter	fere with your enjoyment on this trip?			
YES NO	)									
If yes, what type of group or pe	erson ir	nterfe	red w	ith yo	ur enj	oymer	nt on this trip?			
Group/Person	Reasor	n(s)								
_	Proxi	imity		Loudn	ess	Oth	er (please specify)			
Motorized boaters		]								
	_	-								
Non-motorized watercraft										
<ol> <li>Vehicles</li> <li>8. How satisfied were you with t <i>Important: Please only circle o</i></li> </ol>	a numt	ber fo	r the	items	<u>that</u>	you u	sed during your current visit to this specific			
<ol> <li>Vehicles</li> <li>8. How satisfied were you with t <i>Important: Please only circle o</i></li> </ol>	a numt so, plec acility.	ber fo ase <b>ch</b>	r the <b>1eck</b> tl	items he "Dia	<u>that</u> Not	<u>vou u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,			
Vehicles 8. How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f	A numb so, plec acility.	Satisfied	r the Neither	items he "Diced	Very Dissatisfied	<b>you u</b> Use" l	<b>sed during your current visit</b> to this specific box, if you did not use the item or it does not			
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Vehicles 8. How satisfied were you with t Important: Please only circle o recreation facility/reservoir. Als exist at the specific recreation f exist at the specific recreation f Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	a numb so, plec acility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck th Neither 3 3 3 3 3 3	items he "Did Dissatistied 4 4 4 4 4 4	that Not 5 5 5 5 5 5	<u>vou u</u> Use" l S	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,			
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Vehicles         8. How satisfied were you with t         Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation for the specific recreating specific recreating specific recreating	a numb so, plea acility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the seck t	items he "Dif Poissatistied 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,			
Vehicles 8. How satisfied were you with t Important: Please only circle o recreation facility/reservoir. Als exist at the specific recreation f exist at the specific recreation f Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area Boat launch Boat dock Other:	a numb so, plea acility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the beck the Seither 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items he "Dif Poissatistied 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,			

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Other:

9. How did you obtain information to plan your cu	urrent trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
Local	
What is the ZIP code where you live or country if not	in the United States?
ZIP code: <u>64843</u> or, country (if not the	e United States):
What is your age: <u>42</u>	
What is your gender? Male 🛛 Femal	e 🗌 Non-binary
Which of these categories best indicates your race a	nd ethnicity? Answer only for yourself.
Please select one or more.	
	sian 🖉 White
American Indian/Alaskan	
American Indian/Alaskan A Native Hawaiian/other Pacific	
American Indian/Alaskan       A         Native Hawaiian/other Pacific       H         Black/African-American       N	ispanic or Latino
American Indian/Alaskan A American Indian/Alaskan A Native Hawaiian/other Pacific H Black/African-American N Please let us know if you have any additional commet (contact information)	Ispanic or Latino Don't know Not Hispanic or Latino Ents regarding your recreation experience during your visit:
American Indian/Alaskan A American Indian/Alaskan A Native Hawaiian/other Pacific H Black/African-American N Please let us know if you have any additional commet (contact information)	ispanic or Latino Don't know ot Hispanic or Latino
American Indian/Alaskan A American Indian/Alaskan A Native Hawaiian/other Pacific H Black/African-American N Please let us know if you have any additional commet (contact information)	Ispanic or Latino Don't know Not Hispanic or Latino Ents regarding your recreation experience during your visit:
American Indian/Alaskan A American Indian/Alaskan A Native Hawaiian/other Pacific H Black/African-American N Please let us know if you have any additional commet (contact information)	Ispanic or Latino Don't know Not Hispanic or Latino Ents regarding your recreation experience during your visit:

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# 9/11/22

#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

#### 1. Check the box on the location where you received this survey:

#### Hayward Project:

Hayward Canoe Portage Take-out and

Carry-In Access
Hayward Canoe Portage Trail and Put-in

Informal Tailwater Bank Fishing Access

- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		1
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? \_\_\_\_\_

(C):	Which of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather
	Elooding or other natural hazard
	Other (please specify)

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	-8-
At a developed campground	1	- 2	3	4	5	4-
At a boat-in campsite	1	2	3	4	5	_ <u>_</u>
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	Ţ.

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

						9	/11/	22
6.	During the planning process f	or you	r visit,	how	did th	e poss	ibility	of crowds affect your trip plans?
	(Please select one response)	olans						
	I visited at a time of		nough	t wou	ld be l	ess cr	owdeo	1
	I visited on a day of i	the we	ek I th	ought	woul	d be le	ess cro	wded
	I avoided places here	e I thou	ight w	ould l	pe cro	wded	today	
	Other (please specify	/)						·····
7.	Did the actions or behavior o	fany o	ther g	roup o	or indi	vidual	interf	ere with your enjoyment on this trip?
		)						
	If yes, what type of group or po	orcon i	atorfo	rodw	ith you	ur oni	numor	t on this trin?
						ur enju	Jymei	
_ <u>G</u>	roup/Person	Reaso	1(s)					
	-	Prox	imity		Loudn	ess	Oth	er (please specify)
M	lotorized boaters	L						
N	on-motorized watercraft							
v	ehicles	Γ	]					
	-	a num so, ple	ber fo ase <b>ch</b>	r the	items	<u>that</u>	you u	ation facility/reservoir today. Sed during your current visit to this specific box, if you did not use the item or it does not
		Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
	Restroom	1	2	3	4	5		
	Picnic sites	1	2	3	4	5		
	Trash receptacles	1	2	3	4	5		
	Vehicle parking areas	$(\hat{1})$	2	3	4	5		
	Boat launch parking area	1	2	3	4	5		
	Boat launch	1	2	3	4	5		
	Boat dock	1	2	3	4	5		

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boat launch parking area	-	<b>_</b>	3		<b>_</b>	
Boat launch	1	2	3	4	5	
Boat dock	1	2	3	4	5	
Other:	1	2	3	4	5	
Roads to facility	(1)	2	3	4	5	
Signage to the facility		2	3	4	5	
5ignage within the facility	(1)	2	3	4	5	
Other:	1	2	3	4	5	

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Q Use did you obtain information to plan your surrant trip? (Planse colort all that apply)
<ul> <li>9. How did you obtain information to plan your current trip? (Please select all that apply)</li> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Xcel website</li> <li>Other websites</li> <li>Other websites</li> <li>Newspaper/magazine article</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Other (specify):</li> <li>Previous visits</li> </ul>
What is the ZIP code where you live or country if not in the United States?         ZIP code: 54843       or, country (if not the United States):
What is your gender? 🖉 Male 🔲 Female 🗌 Non-binary
Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.
American Indian/Alaskan       Asian       White         Native Hawaiian/other Pacific       Hispanic or Latino       Don't know         Black/African-American       Not Hispanic or Latino       Hispanic or Latino
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information)
· · · · · · · · · · · · · · · · · · ·

## 9/11/22

#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to S0-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

#### 1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal (ce Fishing Access

- Trego Project:
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		·······
Fishing from a boat		
Motorized boating		· · · · · · · · · · · · · · · · · · ·
Non-motorized boating	n n n n n n n n n n n n n n n n n n n	
Swimming		
Picnicking		
Wildlife Viewing		,
ice Fishing		h
Other (specify)	(warking)	

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - NO D YES

(B): If YES: What was it? \_\_\_\_

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

_	Area	was	tem	porarily	closed	to	the	public

Not enough time
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Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 📃 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	-8-
While boating/fishing from a boat	1	2	3	4	5	12-

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

י 🗋	YES
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🗌 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of dayChanged your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

. During the planning process f	or your					· · ·	
(Please select one response)						÷.,	
It did not affect my p						_	
I visited at a time of	-	-					
I visited on a day of t			-				
Other (please specify							
							ere with your enjoyment on this trip?
	i any oth	iei gi	oupt		viuuai	111111111	
	)						
If yes, what type of group or pe	erson int	terfer	red wi	ith you	ur enje	oymer	nt on this trip?
Group/Person	Reason(	(s)					
_	Proxin	nity		loudn	ess	/ Othe	er (please specify)
Motorized boaters							
Non-motorized watercraft		1					
How satisfied were you with t Important: Please only circle of	a numbe so, pleas	er for	r the	items	<u>that</u>	you u	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
. How satisfied were you with t Important: Please only circle of recreatian facility/reservoir. Al	a numbe so, pleas facility.	er foi se ch	r the <b>eck</b> th	items ne "Dia	that Not	<u>you u</u> Use" l S	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
How satisfied were you with t Important: Please only circle of recreatian facility/reservoir. Al.	a numbe so, pleas facility.	er for	r the <b>eck</b> th	items ne "Dia	<u>that</u> d Not	<u>you u</u> Use" l S	sed during your current visit to this specific
How satisfied were you with t <i>Important: Please only circle a</i> recreatian facility/reservoir. Al.	a numbe so, pleas facility.	er foi se ch	r the	items	that Not	you u: Use" l	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Other:

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Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
Local	
What is the ZIP code where you live or country	
21P code: <u>54843</u> or, country (if a	not the United States):
What is your age: 54	
What is your gender? 🖊 🗂 Male	Female 🗌 Non-binary
Which of these categories best indicates your	race and ethnicity? Answer only for yourself.
Please select one or more.	
American Indian/Alaskan	Asian White
Native Hawaiian/other Pacific	Hispanic or Latino
Black/African-American	Not Hispanic or Latino
contact information) Pavillion could use	a paint job

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#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

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#### 1. Check the box on the location where you received this survey:

9/11/22

Hayward Project:	Trego Project:
Hayward Canoe Portage Take-out and	Town of Trego Park Boat Landing
Carry-In Access	Town of Trego Boat Landing
🔲 Hayward Canoe Portage Trail and Put-in 🦯 🗍	Trego North Tailwater Access/Canoe Portage
Informal Tailwater Bank Fishing Access	Trego South Tailwater Access
City of Hayward Boat Landing	
City of Hayward Beach/Fishing Pier	

2. Below is a list of activities available. Please indicate:

Bartz's Bay Informal Ice Fishing Access

- (A) Which of these activities have you participated in on your current visit to the area.
- (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		· ····································
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing	A construction of the second s	V
Ice Fishing		
Other (specify)		An Garda

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? \_\_\_\_

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(C): Which of the following reasons, if any, explain why you did not engage in the activity?

	Rules or r	egulations	did not :	allow fo	r activity
	Rules of F	eguiations	ulu liot	anow io	

Area was	temporarily	v closed to	the public

Not	enough	time

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_

Resource damage due to overuse

- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🖉 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	S	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

🗌 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of daγ

Changed your activity

Chose not to recreate

Continued with current plans

Other: \_\_\_\_\_

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6.	During the planning process f	o <mark>r you</mark> r	r visit,	how	did the	e poss	sibility	of crowds affect your trip plans?
	(Please select one response)							
	It did not affect my p 🖉 🗸							
	I visited at a time of a							
	I visited on a day of t			-				
	I avoided places here						-	
	U Other (please specify	)						· · · · · · · · · · · · · · · · · · ·
7.	Did the actions or behavior of	any ot	her g	roup	or indi	vidual	l interf	ere with your enjoyment on this trip?
		I			·			
	f yes, what type of group or pe			red w	ith you	ur enj	oymen	t on this trip?
Gro	oup/Person	Reason	n(s)					
	_	Ргохі	mity		Loudn	ess	Othe	er (please specify)
Мо	otorized boaters	Ē	]					
No	n-motorized watercraft	Ľ	]					,
Ve	hicles		]					
h n		numb 50, plea	ber fo	r the	items	<u>that</u> d Not	you u	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
h n	<b>mportant</b> : Please only circle o ecreation facility/reservoir. Als	numb 50, plea	ber fo	r the	items	<u>that</u>	you u	sed during your current visit to this specific
h n	<b>mportant</b> : Please only circle o ecreation facility/reservoir. Als	A numb so, plea acility.	ber fo ase <b>ch</b>	r the Deck ti	items he "Did"	y Dissatisfied	<u>Vou us</u> Use" t	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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h n	mportant: Please only circle of ecreation facility/reservoir. Als exist at the specific recreation f Picnic sites Trash receptacles Vehicle parking areas	a numb so, plea acility. 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck the Section Neither 3 3 3 3 3 3	items he "Did Dissatistied 4 4 4 4	that Not 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Page 3 of 4

	current trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
Local	
What is the ZIP code where you live or country if n	ot in the United States?
	the United States):
What is your age: <u>41/42</u>	
What is your gender? 🖉 Male 🛛 🖉 Fem	nale 🗌 Non-binary
Which of these categories best indicates your race	and ethnicity? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan 📃	Asian White
Native Hawaiian/other Pacific	Hispanic or Latino
	·
Black/African-American	Not Hispanic or Latino
	Not Hispanic or Latino nents regarding your recreation experience during your visit
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#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

Check the box on the location where you received this survey:

#### Hayward Project:

#### Trego Project:

Hayward Canoe Portage Take-out and Town of Trego Park Boat Landing

Town of Trego Boat Landing

Trego South Tailwater Access

Trego North Tailwater Access/Canoe Portage

Carry-In Access

Hayward Canoe Portage Trail and Put-in

- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

2. Below is a list of activities available. Please indicate:

- (A) Which of these activities have you participated in on your current visit to the area.
- (B) Which <u>ONE</u> of these activities is your <u>PRIMARY ACTIVITY</u> on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing	X	Fishing		
Fishing from a boat		4		
Motorized boating				
Non-motorized boating		·····		
Swimming	· · · ·			
Picnicking		· · · · · · · · · · · · · · · · · · ·		
Wildlife Viewing				
Ice Fishing				
Other (specify)				

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

YES	NO

(B): If YES: What was it?

Page 1 of 4

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public

🔲 Not enough time

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify).

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

Other (please specify) \_

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🔲 YES 🛛 🔀 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	(7)	2	3	4	5	
At a developed campground	1	2	3	4	5	X
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	(1)	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

X NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

(Please select one response)							
It did not affect my p	*						
I visited at a time of	-	-					
<ul> <li>I visited on a day of t</li> <li>I avoided places here</li> </ul>			-				
Other (please specify	1.1		1			-	· · · · · · · · · · · · · · · · · · ·
	· ·		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
Did the actions or behavior of	fany o	ther g	roup	or indi	ividua	l inter	fere with your enjoyment on this trip?
🗌 YES 🖸 NO	)						
If yes, what type of group or pe	erson i	nterfe	ered w	ith yo	ur enj	oymer	nt on this trip?
Group/Person	Reaso	n(s)					
-	Ргох	imity		Loudn	ess	Oth	er (please specify)
Motorized boaters	Ē						· · ·
Non-motorized watercraft	Ľ						······································
/ehicles	Г	٦				Ē	
Important: Please only circle of	a num so, p <u>le</u>	ber fo ose <mark>ch</mark>	r the	items	<u>that</u>	yoù u	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
Important: Please only circle or recreation facility/reservoir. Als	o num so, plej ocility.	ber fo ose <b>ch</b>	or the neck ti	items he "Di	<u>that</u> d Not	<u>you u</u> Use" i	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<i>Important</i> : Please only circle or recreation facility/reservoir. All exist ot the specific recreation f	Aery Satisfied	ber fo ose ch Satistied	Neither Neither	items he "Di Dissatisfied	Very Dissatisfied	Did Not Use	<u>sed during your current visit</u> to this specific box, if you did not use the item or it does not
Important: Please only circle or recreation facility/reservoir. Als exist ot the specific recreation f	o numi so, ple ocility.	ber fo ose ch 2	r the neck ti S	items he "Di Dissatistied 4	that Not Very Dissatisfied	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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and a star

### 4/10/2022 Trego

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Federal or State website	🔀 Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Dither (specify): Maple Maps
Previous visits	· V
What is the ZIP code where you live or country if	not in the United States?
ZIP code: 54801 or, country (if not	the United States):
Sfooner What is your age:Z	
What is your gender? 🔂 Male 🗌 Fer	male 🔲 Non-binary
Which of these categories best indicates your rac	e and ethnicity? Answer only for yourself.
Please select one or more.	
American Indian/Alaskan	Asian 🕞 White
	Hispanic or Latino 🛛 Don't know
I Native Hawaiian/other Pacific I	
Native Hawaiian/other Pacific     Black/African-American	Not Hispanic or Latino
Native Hawaiian/other Pacific         Black/African-American	Not Hispanic or Latino
Black/African-American	Not Hispanic or Latino
Black/African-American	ments regarding your recreation experience during your visit:
Black/African-American	ments regarding your recreation experience during your visit:
Black/African-American Please let us know if you have any additional com (contact information) Felt Thest if multiple people	ments regarding your recreation experience during your visit: were fishing at the base of the dam
Black/African-American Please let us know if you have any additional com (contact information) <u>Felt That if multiple people</u> <u>it could act be over crowding</u>	ments regarding your recreation experience during your visit: were fishing at the base of the dam

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05/28/2022 Tread

# **ON-SITE/IN-PERSON RECREATION INTERVIEW** Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- **Trego Project:**
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- **Trego South Tailwater Access**
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing	$\checkmark$	$\checkmark$
Fishing from a boat		
Motorized boating		
Non-motorized boating	· · ·	
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

YES

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

05/28/2022 Trago A

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- 🔲 Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access / `
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather /
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1)	2	3	4	5	
On the trails	ſ	2	3	- 4	5	
At a developed campground	1 )	2	3	4	5	×
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	Ř

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

(C) If YES, what did you do?	
Moved to a new location	Chose not to recreate
<ul> <li>Changed the time of day</li> <li>Changed your activity</li> </ul>	Continued with current plans Other:
	Page 2 of 4

05/28/2022 Trago A 6. During the planning process for your visit, how did the possibility of crowds affect your trip plans? (Please select one response) It did not affect my plans I visited at a time of day I thought would be less crowded I visited on a day of the week I thought would be less crowded I avoided places here I thought would be crowded today Other (please specify) \_\_\_\_\_ 7. Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip? X NO YES If yes, what type of group or person interfered with your enjoyment on this trip? Group/Person Reason(s) Loudness Other (please specify) Proximity Motorized boaters Non-motorized watercraft Vehicles

8. How satisfied were you with the following amenities at this recreation facility/reservoir today. Important: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5	Ď	
Picnic sites	1	2	3	4	5	×,	
Trash receptacles	1	2	3	4	5	¤	
Vehicle parking areas	(1)	2	3	4	5		
Boat launch parking area	1	2	3	4	5	Ð,	
Boat launch	1	2	3	4	5	X	
Boat dock	1	2	3	4	5	<b>X</b>	
Other:	1	2	3	4	5	Ø	
Roads to facility		2	3	4	5		
Signage to the facility	(1)	2	3	4	5		
Signage within the facility		2	3	4	5	🗆	, · · ·
Other:	1	2	3	4	5	X	

Page 3 of 4

	05/28/2022 Trego A
9. How did you obtain information to plan your cur	rent trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in ZIP code: $59888$ or, country (if not the What is your age: $37$	n the United States? United States):
What is your gender? 🛛 Male 🚬 🗌 Female	Non-binary
Black/African-American No	
	······································

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# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:
  - Hayward Canoe Portage Take-out and Carry-In Access
  - Hayward Canoe Portage Trail and Put-in
  - Informal Tailwater Bank Fishing Access
  - City of Hayward Boat Landing
  - City of Hayward Beach/Fishing Pier
  - Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- 🝸 Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

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05/28/2022 Trago

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		$\checkmark$
Fishing from a boat		
Motorized boating		
Non-motorized boating		And Andrew An
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

05/28/22 Trago

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- 🔲 Too crowdetd
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_
- Resource dapage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
  - Other (please specify) \_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🖄 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3 ·	4	5	
At a developed campground	1	2	3	4	5	EK
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

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(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

- Chose not to recreate
- Continued with current plans

Other:	

Page 2 of 4

							05/28/22 Trago
6. During the planning process f	or youi	visit,	how	did th	e poss	ibility	of crowds affect your trip plans?
(Please,select one response)							
It did not affect my p	lans						
I visited at a time of		ough	t wou	ld be l	ess cr	owdeo	t i i i i i i i i i i i i i i i i i i i
🔲 I visited on a day of t	he wee	ek I th	ought	woul	d be le	ess cro	owded
I avoided places here	e I thou	ght w	ould l	be cro	wded	today	
Other (please specify	/)				·		
7. Did the actions or behavior of	anv ot	her g	roup a	or indi	vidual	linterf	ere with your enjoyment on this trip?
				51 mai	- adda	interi	
🗆 YES 🖉 NO							
If yes, what type of group or pe	rcon ir	torfo	rodu	thuo	ur onl		at on this trial
			ieu w		ur enjo	oymen	it on this trip?
Group/Person	Reasor			$\vdash$			
-	Proxi	mity	$\langle /  $	Loudn	ess	Othe	er (please specify)
Motorized boaters		],	X				
Non-motorized watercraft		]/					· · · · · · · · · · · · · · · · · · ·
Vehicles	Г	$\left\{ \right.$		2			
exist at the specific recreation f	Very Satisfied	fied	ler	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason,
	Very	Satisfied	Neither	Dissa	Very	Did N	please explain why:
Restroom	1	2	3	4	5	Ň	
Picnic sites	1	2	3	4	5	Ø	
Trash receptacles	1	2	3	4	5	HT	
Vehicle parking areas	(1)	2	3	4	5		
Boat launch parking area	1 1	- 1			5		
Boat launch	1	2	3	4	3	X	
	1	2 2	3	4	5	MD	
Boat dock	-	_		-		X	
Boat dock Other:	1	2	3	4	5 5	X N	
Other:	1 1 1	2 2 2	3 3 3	4 4 4	5 5 5	X	
Other: Roads to facility	1 1 1 1	2 2 2 2	3 3 3 3	4 4 4 4	5 5 5 5	X N	
Other:	1 1 1	2 2 2	3 3 3	4 4 4	5 5 5	X N	

风

Other:

··· *	05/28/22 Treso B
9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in the ZIP code: $573$ or, country (if not the Unit What is your age: $53$ Male Female	ted States):
Which of these categories best indicates your race and et	
Please select one or more.	
	White hic or Latino Don't know ispanic or Latino regarding your recreation experience during your visit:
(contact information)	

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# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

# Trego Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

05/28/22 Trgo

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which <u>ONE</u> of these activities is your <u>PRIMARY ACTIVITY</u> on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

. 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

YES X NO

(B): If YES: What was it? \_

(C): Wh	ich of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather /
	Flooding or other natural hazard
	Other (please specify)

05/20/22 Trees C

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):\_\_\_\_\_\_

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3	4	5	$\Box$ ,
At a developed campground		2	3	4	5	Z
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	Ŕ

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

KI NO

(C) If YES, what did you do?

Moved to a new locationChanged the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

Page 2 of 4

		-						05/28/22 Trego C
6.	During the planning process f	or you	r visit,	how	did the	e poss	sibility	of crowds affect your trip plans?
	(Please select one response)							
	I visited at a time of the second sec							
	I visited on a day of t			-				wded
	Other (please specify		•				•	
7.	Did the actions or behavior of	any of	ther g	roup o	or indi	vidual	l interf	ere with your enjoyment on this trip?
I	f yes, what type of group or pe	erson i	nterfe	red w	ith you	ur enj	oymen	t on this trip?
Gr	oup/Person	Reaso	(s)					
		Prox	imity		Loudn	ess	Othe	er (please specify)
Mo	otorized boaters	Ľ	ר ב		· 🗌			
No	on-motorized watercraft	Ę	י ע ב	X				
Ve	hicles	Ľ	$\mathbf{y}$					
l. r		i numi io, plei	ber fo ase <b>ch</b>	r the	items	<u>that</u>	you u	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
						-15		
		Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
	Restroom	1)	2	3	4	5		needs Trashcan
	Picnic sites	1.	2	3	4	5	Þ	
	Trash receptacles	1	2	3	4	5	X	
	Vehicle parking areas	1)	2	3	4	5		
	Boat launch parking area	1	2	3	4	5	M	
	Boat launch	1	2	3	4	5	Ø	
	Boat dock	1	2	3	4	5	区	
	Other:	1	2	3	4	5	X	
		1 -		1	1 '		<u>منام ا</u>	

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1) (1) (1)

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Roads to facility

Other:

Signage to the facility

Signage within the facility

	05/28/22 Trego C
9. How did you obtain information to plan your curren	it trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in the ZIP code: or, country (if not the United What is your age:	
What is your gender?	Non-binary
Which of these categories best indicates your race and et	
Please select one or more.	
American Indian/Alaskan Asian	White
	nic or Latino Don't know
	ispanic or Latino
Please let us know if you have any additional comments r (contact information)	egarding your recreation experience during your visit:
	ner,

#### ON-SITE/IN-PERSON RECREATION INTERVIEW

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

05/28/2022 Trego

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		and a subsection of the second s
Non-motorized boating		
Swimming		······································
Picnicking		
Wildlife Viewing		and and a second sec
Ice Fishing		······································
Other (specify)		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

🗌 YES 🛛 🗶 NO

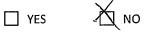
(B): If YES: What was it? \_\_

(C): Which of the following reasons, if any, explain why you did not engage in the activity?	
<ul> <li>Rules or regulations did not allow for activity</li> <li>Area was temporarily closed to the public</li> </ul>	

05/28/2022 Trago P

Not enough time
Safety concerns
Not enough information about the activity
Too crowded
Difficult road or trail access
🔲 No road or trail access
Unsatisfactory, facilities or conditions of land or water (please specify)
Resource damage due to overuse
No facilities or services
🔲 Bad weather
Flooding or other natural hazard
Other (please specify)

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails		2	3	4	5	
At a developed campground	1	2	3	(4)	5	
At a boat-in campsite	1	2	3	4	5	Ŕ
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗆 YES 📈 NO	
(C) If YES, what did you do?	
<ul> <li>Moved to a new location</li> <li>Changed the time of day</li> <li>Changed your activity</li> </ul>	<ul> <li>Chose not to recreate</li> <li>Continued with current plans</li> <li>Other:</li></ul>

Page 2 of 4

			05/28/2022 Trego D
. During the planning proce	ss for your visit, h	ow did the pos	sibility of crowds affect your trip plans?
(Please select one respons			
🖄 It did not affect m	ny plans		
I visited at a time	. –		
I visited on a day		-	
I avoided places h			
Other (please spe	cify)		
		up or individua	l interfere with your enjoyment on this trip?
7. Did the actions or behavio YES If yes, what type of group o Group/Person	NO	- - -	, ,
If yes, what type of group o	NO r person interfere	- - -	, ,
If yes, what type of group o	NO r person interfere Reason(s)	d with your enj	oyment on this trip?
YES If yes, what type of group o	NO r person interfere Reason(s)	d with your enj	oyment on this trip?

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recreation facility/reservoir. Also, please **check** the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom		2	3	4	5		
Picnic sites	1	2	3	4	5	Ø	
Trash receptacles	1	2	3	4	5	Ø	
Vehicle parking areas	1	<u>ک</u>	3	4	5		
Boat launch parking area	1	2	3	4	5	$ \Sigma $	
Boat launch	1	2	3	4	5	X	
Boat dock	1	2	3	4	5	Ø	
Other:	1	2	3	4	5	凶	
Roads to facility	1	2	3	4	5		an a
Signage to the facility		2	3	4	5		
Signage within the facility	(T)	2	3	4	5		
Other:		2	3	4	5	X	
			F	Page 3	of <b>4</b>	11	

	05/28/2022 Tregs D
9. How did you obtain information to plan your curr	rent trin? (Please select all that annly)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in ZIP code: 52220 or, country (if not the L	n the United States? Jnited States):
What is your age: $52$	
What is your gender? Male Female	Non-binary
Which of these categories best indicates your race and Please select one or more.	ethnicity? Answer only for yourself.
	an 🛛 🗹 White panic or Latino 🗌 Don't know : Hispanic or Latino
Please let us know if you have any additional comment (contact information)	ts regarding your recreation experience during your visit:

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**ON-SITE/IN-PERSON RECREATION INTERVIEW** Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

### Trego Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

05/28/2022 Trago E

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

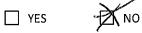
ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		······································
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🗶 NO

(B): If YES: What was it?

	05/28/2022 Tread E
(C)	Which of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bag weather
	Fjooding or other natural hazard
	$\bigcap_{\nu} \mathcal{D}$ (please specify)

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1)	2	3	4	5	
On the trails		2	3	4	5 1	
At a developed campground	1	2	3	(4)	5	
At a boat-in campsite	1	2	3	4	5	Þ
While fishing from the shoreline	$-1\gamma$	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	È⊀

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗆 YES 🔁 NO	
(C) If YES, what did you do?	
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:
	Page 2 of 4

Ŷ				05/28/2022 Trag 0 E
6. During the planning process	s for your visit, how	did the pos	sibility	of crowds affect your trip plans?
(Please select one response	)			
It did not affect my				
I visited at a time o	f day I thought wou	ıld be less cr	rowded	l
🗌 I visited on a day o	f the week I though	t would be l	ess cro	wded
I avoided places he	ere I thought would	be crowded	today	
Other (please spec	ify)			
7. Did the actions or behavior	of any other group	or individua	linterf	ere with your enjoyment on this trip?
T YES	10			
	10			<u>.</u>
If yes, what type of group or	person interfered w	vith your eni	lovmen	t on this trip?
··· · ·		, ,	,	
Group/Person	Reason(s)			
	Proximity	Loudness	Othe	er (please specify)
Motorized boaters	<u>ک</u>			
Non-motorized watercraft				
Vehicles	$\Box$			
<ol><li>How satisfied were you with</li></ol>	the following ame	nities at this	s recrea	tion facility/reservoir today.
-				sed during your current visit to this specific
		he "Did Not	: Use" Ł	pox, if you did not use the item or it does not
exist at the specific recreation	n facility.			
		ğ		
	ed	isfied	<b>1</b> 1	
	d itisfi	ssat	. Use	
	Very Sa Satisfie Neither	atis y Di	Did Not Us	If you were dissatisfied for any reason,
	Very Satisf Satisfied Neither	Dissatisfied Very Dissat	Did	please explain why:
Restroom		4 5		
Picnic sites	1 2 3	4 5		
Trash receptacles	1 2 3	4 5	X	
Vohiolo perking aroos			┼╦┤	

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Picnic sites	1	Z	3	4	5		
Trash receptacles	1	2	3	4	5		
Vehicle parking areas	1	(2)	3	4	5		
Boat launch parking area	1	2	3	4	5		
Boat launch	1	2	3	4	5		
Boat dock	1	2	3	4	5		
Other:	1	2	3	4	5	15Í	
Roads to facility	1/2	2	3	4	5		
Signage to the facility	1	2	3	4	5		
Signage within the facility		2	3	4	5		
Other:	1	2	3	4	5	<b>B</b>	

Page 3 of 4

	05/28/2022 Trego E
9. How did you obtain information to plan your cu	urrent trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not ZIP code: $55720$ or, country (if not the What is your age: $52$	e United States):
What is your gender? 🗌 Male 🛛 🕅 Female	e 🗌 Non-binary
Image: Second structure       Image: Second structure <td>sian K White ispanic or Latino Don't know ot Hispanic or Latino ents regarding your recreation experience during your visit:</td>	sian K White ispanic or Latino Don't know ot Hispanic or Latino ents regarding your recreation experience during your visit:

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# **ON-SITE/IN-PERSON RECREATION INTERVIEW** Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:

- **Trego Project:**
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage

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- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in **on your current visit** to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		· · · · · · · · · · · · · · · · · · ·
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		, and the second s

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

IN0 YES

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

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- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- □ Safety concerns \
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- □ No facilities or/services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	$\begin{pmatrix} 1 \end{pmatrix}$	2	3	4	5	
At a developed campground	1	2	3	4	5	X
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	1)	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗆 YES 🕅 NO	
<ul> <li>(C) If YES, what did you do?</li> <li>Moved to a new location</li> <li>Changed the time of day</li> <li>Changed your activity</li> </ul>	
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:

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<ol> <li>During the planning process f</li> </ol>	or your	visit,	how o	did the	e poss	ibility o	of crowds affect your trip plans?
(Please select one response)						-	
It did not affect my p	olans						
I visited at a time of	day I th	ough	t woul	ld be l	ess cr	owded	
I visited on a day of t	he wee	k I th	ought	would	l be le	ess cro	wded
I avoided places here						-	
Other (please specify	/)						
7. Did the actions or behavior of	fany ot	her gi	roup c	or indiv	/idual	interf	ere with your enjoyment on this trip?
	)						
If yes, what type of group or pe	erson in	terfe	red wi	ith yoւ	ır enjo	oymen	t on this trip?
Group/Person	Reason	(s)					
	Proxi			oude		< 0+h-	r (please specify)
– Motorized boaters		<u>ווויא</u> ר	<u>ı</u>		<u>=&gt;&gt;</u>		ו (אוכמאב אפטוא)
		י ר	$\backslash$	Ľ	,		· · · · · · · · · · · · · · · · · · ·
Non-motorized watercraft	L	J		χü			
Important: Please only circle	a numb so, plea	er fø ise <b>ch</b>	r the	items	that	you us	tion facility/reservoir today. Eed during your current visit to this specific box, if you did not use the item or it does not
<ol> <li>How satisfied were you with the set of the</li></ol>	a numb so, plea facility. 2	per fo ise ch	r the h <b>eck</b> th	items ne "Dio	that Not	you us Use" k	ed during your current visit to this specific hox, if you did not use the item or it does not If you were dissatisfied for any reason,
<ol> <li>How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al</li> </ol>	a numb so, plea facility. 2	er fø ise <b>ch</b>	r the	items	that	you us Use" k	<b>Eed during your current visit</b> to this specific hox, if you did not use the item or it does not
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<ul> <li>How satisfied were you with t <i>Important</i>: Please only circle recreation facility/reservoir. All exist at the specific recreation p Restroom Picnic sites</li> </ul>	a numb so, plea facility. / / / / / / / / / / / / / / / / / / /	per for se ch 2 2 2 2	r the Neither 3 3	items ne "Dic Dissatistied 4 4	that tot Very Dissatisfied	Use" to Use	is a during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation p Restroom Picnic sites Trash receptacles</li> </ul>	a numb so, plea facility. 1 1 1	per for ase ch 2 2 2 2 2 2	r the leck the S S S S	items ne "Dic Dissatistied 4 4 4	that Not Statisfied	Use" to Use	<b>Sed during your current visit</b> to this specific hox, if you did not use the item or it does not <b>If you were dissatisfied for any reason,</b>
<ul> <li>How satisfied were you with t Important: Please only circle recreation facility/reservoir. Al exist at the specific recreation p Picnic sites Trash receptacles</li> <li>Vehicle parking areas</li> </ul>	a numb so, plea facility. 1 1 1 1	per for ise ch 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th Seither 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4	that Not Stratisfied 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Did Not Use	is a during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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<ul> <li>How satisfied were you with the <i>Important</i>: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the specific recre</li></ul>	a numb so, plea facility. 1 1 1 1 1 1 1	per for ise ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the Neither S Neither 3 3 3 3 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4 4 4 4 4	that Not 5 5 5 5 5 5 5 5 5 5	The set of	is a during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfied were you with the Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation of the specific recreating recreation</li></ul>	a numb so, plea facility. 1 1 1 1 1 1 1 1 1	per for ise ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the seck t	items ne "Dia Dissatistied 4 4 4 4 4 4 4 4 4	that Not S 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	「図】」」で、 Use Use Did Not Use Use Use Use Use Solution I (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	is a during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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<ul> <li>How satisfied were you with the important: Please only circle of recreation facility/reservoir. All exist at the specific recreation is precised at the specific recreation is precised.</li> <li>Restroom</li> <li>Picnic sites</li> <li>Trash receptacles</li> <li>Vehicle parking areas</li> <li>Boat launch parking area</li> <li>Boat dock</li> <li>Other:</li> <li>Roads to facility</li> </ul>	a numb so, plea facility. 1 1 1 1 1 1 1 1 1	per for ise ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the heck the seck t	items ne "Did Poissatistied 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that Not Not Net A Dissatisfied	「図】」」で、 Use Use Did Not Use Use Use Use Use Solution I (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	ied during your current visit to this specific hox, if you did not use the item or it does not If you were dissatisfied for any reason,
<ul> <li>How satisfied were you with the Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation is a specific recreating reprised recreation is a</li></ul>	a numb so, plea facility. 1 1 1 1 1 1 1 1 1	per for use ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the freck the seck	items ne "Dic Pissatistied 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	that Not Not Not Not Not Not Not S 5 5 5 5 5 5 5 5 5 5 5	「図】」」で、 Use Use Did Not Use Use Use Use Use Solution I (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	is a during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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9. How did you obtain information to	plan your current trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal websi</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or co ZIP code: $\underline{54889}$ or, count What is your age: <u><math>63</math></u>	ountry if not in the United States? ry (if not the United States):
What is your gender? 🛛 🙀 Male	Female Non-binary
Which of these categories best indicates	your race and ethnicity? Answer only for yourself.
Native Hawaiian/other Pacific Black/African-American Please let us know if you have any additio contact information)	<ul> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Not Hispanic or Latino</li> <li>Not Hispanic or Latino</li> </ul>
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# ON-SITE/IN-PERSON RECREATION INTERVIEW Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## NPS Recreation Survey Questionnaire

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1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

# Town of Trego Park Boat Landing

Trego Project:

Town of Trego Boat Landing

06/12/22 Trego

- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		<del></del>
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🕅 NO

(B): If YES: What was it? \_\_\_\_\_

YES

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(C): Which of the following reas Rules or regulations di Area was temporarily o Not enough time Safety concerns Not enough informatio Too crowded Difficult road or trail ac	d not allow for		ı did not enga	re in the acti		
<ul> <li>Area was temporarily of</li> <li>Not enough time</li> <li>Safety concerns</li> <li>Not enough information</li> <li>Too crowded</li> </ul>		activity		Be in the act	vity?	
<ul> <li>Area was temporarily of</li> <li>Not enough time</li> <li>Safety concerns</li> <li>Not enough information</li> <li>Too crowded</li> </ul>		•				
<ul> <li>Not enough time</li> <li>Safety concerns</li> <li>Not enough information</li> <li>Too crowded</li> </ul>	·	ublic				
<ul> <li>Not enough information</li> <li>Too crowded</li> </ul>						
Too crowded						
	on about the ac	tivity				
Difficult road or trail ac						
	ccess					
No road or trail access						
Unsatisfactory facilities		of land or w	ater (please sp	pecify)		· · · · · · · · · · · · · · · · · · ·
Resource damage due						
No facilities or services	5					
Bad weather						
Flooding or other natu						
🗌 YES 🚺 NO						
If YES, on this visit what activitie (Please describe): (A) How crowded did you feel [Select one number for each or	while recreatin indicate it was Not at all	g at these lo not applicat Slightly	cations today de to your visi Moderately	at this recreated t.] Very	ation facility/ Extremely	reservoir? Not
If YES, on this visit what activitie (Please describe): . (A) How crowded did you feel [Select one number for each or LOCATION / AREA	while recreatin indicate it was Not at all crowded	g at these lo not applicat Slightly crowded	cations today de to your visi Moderately crowded	at this recrea t.] Very crowded	Extremely crowded	reservoir? Not applicable
If YES, on this visit what activitie (Please describe): (A) How crowded did you feel [Select one number for each or LOCATION / AREA	while recreatin indicate it was Not at all crowded	g at these lo not applicat Slightly crowded 2	cations today ble to your visi Moderately crowded 3	at this recreat.] Very crowded 4	Extremely crowded 5	Not applicable
If YES, on this visit what activitie (Please describe):	while recreatin indicate it was Not at all crowded 1 1	g at these lo not applicat Slightly crowded 2 2	cations today ole to your visi Moderately crowded 3 3	at this recrea t.] Very crowded 4 4	Extremely crowded 5 5	Not applicable
If YES, on this visit what activitie (Please describe): (A) How crowded did you feel [Select one number for each or LOCATION / AREA In parking areas On the trails At a developed campground	while recreatin Indicate it was Not at all crowded 1 1 1	g at these lo not applicat Slightly crowded 2 2 2 2	cations today ole to your visi Moderately crowded 3 3 3 3	at this recrea t.] Very crowded 4 4 4	Extremely crowded 5 5 5 5	Not applicable
If YES, on this visit what activitie (Please describe):	while recreatin indicate it was Not at all crowded 1 1	g at these lo not applicat Slightly crowded 2 2	cations today ble to your visi Moderately crowded 3 3 3 3 3 3	at this recreated t.] Very crowded 4 4 4 4 4	Extremely crowded 5 5 5 5 5	Not applicable
If YES, on this visit what activitie (Please describe): . (A) How crowded did you feel	while recreatin Indicate it was Not at all crowded 1 1 1	g at these lo not applicat Slightly crowded 2 2 2 2	cations today ole to your visi Moderately crowded 3 3 3 3	at this recrea t.] Very crowded 4 4 4	Extremely crowded 5 5 5 5	Not applicable

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							<u> </u>
6. During the planning proce	ss for your visi	t, how	did th	e pos	sibility	of crowds affect your trip pl	ans?
(Please select one respons	e)						
🔲 It did not affect n	ny plans	•					
I visited at a time	of day I thoug	ht wou	uid be	less cr	owde	d	
🔲 I visited on a day	of the week I t	hough	t woul	d be l	ess cro	owded	
I avoided places h							
Other (please speed)	cify)						
7. Did the actions or behavio	r of any other	group	or ind	vidua	linter	fere with your enjoyment on	this trip?
T YES	NO						
	NU						
If yes, what type of group o	r person interf	ered w	vith vo	ur eni	ovmer	nt on this trip?	
				,	-,	·····	
Group/Person	Reason(s)						
	Proximity		Loudn	ess	Oth	er (please specify)	
Motorized boaters							
Non-motorized watercraft	П					<b>4 </b>	
14-11-1						1	<u></u>
Vehicles			Ļ				
8. How satisfied were you with <i>important</i> : Please only circle recreation facility/reservoir. exist at the specific recreation	le a number f Also, please c	or the	items	<u>that</u>	you u	sed during your current vis	it to this specific
				ъ			
	ed			ery Dissatisfied	<b>.</b> .		
	d tisfi		fied	sati	Use		
	/ery Satisfied atisfied	either	issatisfied	v Dis	id Not Use	If you were dissatisfied for	r any reason,
	er ati	ē.	iss	E.	<u>ק</u>	please explain why:	

<b></b>		Very :	Satisf	Neith	Dissat	Very I	Did Ne	if you were dissatisfied for any reason, please explain why:
	Restroom	1	2	3	4	5	M	
	Picnic sites	1	2	3	4	5		
	Trash receptacles	1	2	3	4	5	X	
	Vehicle parking areas	1	2	3	4	(5)		
	Boat launch parking area	1	2	3	4	Ś		
	Boat launch	1	2	3	4	(5)		
	Boat dock	1	2	3	4	(s)		
	Other:	1	2	3	4	5	凶	
	Roads to facility	1	2	3	4	(5)		
	Signage to the facility	1	2	3	4	(5)		
	Signage within the facility	1	2	3	4	র্ত্র		
	Other:	1	2	3	4	5	凶	

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9. How did you obtain information to plan your current trip? (Please select all that apply)
Federal or State website       Word of mouth         City, local, or municipal website       Social media (e.g., Facebook, Twitter, etc.)         Xcel website       Travel guides and tour books         Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):
What is the ZIP code where you live or country if not in the United States?   ZIP code:
Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.
American Indian/Alaskan       Asian
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information) <u>Fix</u> power booding Sign <u>Remove underwater Rocks Jongside the Londing and dock.</u> <u>would Like parts potty</u> .

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#### **ON-SITE/IN-PERSON RECREATION INTERVIEW**

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#### Hayward Project:

Hayward Canoe Portage Take-out and Carry-In Access

Hayward Canoe Portage Trail and Put-in

Informal Tailwater Bank Fishing Access

- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

# Trego Project:

Town of Trego Park Boat Landing

- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
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Shoreline/tailwater fishing		(/
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		<b></b>
Wildlife Viewing		<u></u>
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - (B): If YES: What was it?

YES

X NO

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			06/1:	2/2022 Tr	ega L	<b>`</b>
(C): Which of the following reaso	ns, if any, exp	blain why you	u did not engag	ge in the acti	ivity?	
Rules or regulations did	not allow for	activity				
Area was temporarily cl		-				
Not enough time						
Safety concerns						
Not enough information	about the ac	tivity				
🔲 Too crowded						
Difficult road or trail acc	ess					
No road or trail access						
Unsatisfactory facilities		of land or w	ater (please sp	becify)		
Resource damage due to	o overuse					
No facilities or services						
Bad weather Flooding or other natura	al hazard					
Other (please specify)						
Does anyone in your personal g					_	
YES NO	s or services d	lid the perso	n(s) have diffic	ulty accessiv	ng or particip:	ating in?
If YES, on this visit what activities (Please describe):	hile recreatin	ng at these lo	ocations today	at this recre		
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in	hile recreatin	ng at these lo	ocations today	at this recre		
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA	/hile recreatin ndicate it was Not at all	ng at these lo not applical Slightly crowded	ocations today ble to your visi Moderately	at this recre t.] Very	ation facility/ Extremely	reservoir? Not
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA n parking areas	hile recreatin ndicate it was Not at all crowded	ng at these ic not applical Slightly crowded	beations today ble to your visi Moderately crowded	at this recre t.] Very crowded	ation facility/ Extremely crowded	reservoir? Not applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA n parking areas On the trails	hile recreatin ndicate it was Not at all crowded 1	ng at these lo not applical Slightly crowded	beations today ble to your visi Moderately crowded 3	at this recre t.] Very crowded 4	ation facility/ Extremely crowded 5	Vot applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA n parking areas On the trails	hile recreatin ndicate it was Not at ali crowded 1 1	ng at these ic not applical Slightly crowded (2) (2) (2) 2 2 2	beations today ble to your visi Moderately crowded 3 3	at this recre t.] Very crowded 4 4	ation facility/ Extremely crowded 5 5	reservoir? Not applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA n parking areas On the trails At a developed campground At a boat-in campsite	hile recreatin ndicate it was Not at all crowded 1 1 1	ng at these lo not applical Slightly crowded (2) (2) 2	beations today ble to your vision Moderately crowded 3 3 3 3 3	at this recre t.] Very crowded 4 4 4	Extremely crowded 5 5 5 5	Not applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w	hile recreatin ndicate it was Not at all crowded 1 1 1 1	ng at these ic not applical Slightly crowded (2) (2) (2) 2 2 2	beations today ble to your vision Moderately crowded 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4	Extremely crowded 5 5 5 5 5	Vot applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA n parking areas On the trails At a developed campground At a boat-in campsite While fishing from the shoreline	hile recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1 1	ng at these lo not applical Slightly crowded (2) (2) (2) 2 2 2 2 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 4 4 4 4	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Vot applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA n parking areas On the trails At a developed campground At a boat-in campsite While fishing from the shoreline While boating/fishing from a boat (B) If you felt crowded, did you	hile recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1 1	ng at these lo not applical Slightly crowded (2) (2) (2) 2 2 2 2 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 4 4 4 4	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Vot applicable
If YES, on this visit what activities (Please describe):	hile recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1 1	ng at these lo not applical Slightly crowded (2) (2) (2) 2 2 2 2 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 4 4 4 4	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Vot applicable
If YES, on this visit what activities (Please describe):	hile recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1 1	ng at these lo not applical Slightly crowded (2) (2) (2) 2 2 2 2 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 4 0 4 0 0 0 1 6 1 t crowo	ation facility/ Extremely crowded 5 5 5 5 5 5 5 5 5 5	Vot applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or in OCATION / AREA In parking areas On the trails At a developed campground At a boat-in campsite While fishing from the shoreline While boating/fishing from a boat (B) If you felt crowded, did you U YES X NO (C) If YES, what did you do? Moved to a new location	hile recreation ndicate it was Not at all crowded 1 1 1 1 1 1 1 1	ng at these lo not applical Slightly crowded (2) (2) (2) 2 2 2 2 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 0 4 0 4 4 0 4 0 4 5 5 5 5 5 5	ation facility/ Extremely crowded 5 5 5 5 5 5 5 5 5 5	reservoir?

					06/12/2022	Traga B
5. During the planning proc	ess for your visi	t, how di	d the pos	sibility	of crowds affect your t	rip plans?
(Please select one respon	nse)					
It did not affect						
🔲 I visited at a tim	e of day I thoug	ht would	l be less c	rowde	d	
🔲 I visited on a da	y of the week I t	hought v	vould be	less cro	owded	,
I avoided places	here I thought	would be	e crowdeo	d today	,	
Other (please spectrum)	pecify)	·····				
Did the actions or behav	for of any other	group or	individua	al inter	fere with your enjoyme	nt on this trip?
🗌 yes 🛛 🕇	r NO					
If yes, what type of group	or person interf	ered witl	h your en	joymeı	nt on this trip?	
Group/Person	Reason(s)		-			
	Proximity	Lo	udness	Oth	er (please specify)	
Motorized boaters						
Non-motorized watercraft					······································	
					L	
Vehicles	ĹJ				<b></b>	
. How satisfied were γou v <i>Important:</i> Please only cli recreation facility/reservoi exist at the specific recreation	rcle a number f ir. Also, please <b>c</b> tion facility.	or the ite	ems <u>that</u>	you u	sed during your currer	<b>it visit</b> to this specific
	isfied		ied satis	Jse		
	Sat	her	ttisf Diss	lot 1	lf you were dissatisfi	ed for any reason.
	Very Satisf Satisfied	Neither	Dissatisfie Very Dissa	Did Not Us	please explain why:	
Restroom	1 2	3	4 5	X		
Picnic sites	1 2	3	4 5	Ø		
Trash receptacles	1 2	3	4 5	Ø		
Vehicle parking areas	1 2	3	4 (5)			

 Trash receptacles	1	2	3	4	5	2	
Vehicle parking areas	1	2	3	4	(5)		
Boat launch parking area	1	2	3	4	5	$\boxtimes$	
Boat launch	1	2	3	4	5	⊠	
Boat dock	1	2	3	4	5	Ā	
 Other:	1	2	3	4	5	$\boxtimes$	
Roads to facility	1	2	3	4	(5)		
Signage to the facility	1	2	3	4	5		
Signage within the facility	1	2	3	4	5		
 Other:	1	2	3	4	5	$\square$	

Page 3 of 4

<ol> <li>How did you obtain information to plan your current trip? (Please set</li> </ol>	06/12/2022 Trego
- How did you obtain morniation to plan your current tripr (Please st	elect all that apply)
Federal or State website 🛛 Word of n	nouth
🗌 City, local, or municipal website 🛛 🗌 Social mea	dia (e.g., Facebook, Twitter, etc.)
🗌 Xcel website 📃 Travel guid	des and tour books
Other websites I Newspape	er/magazine article
Maps, brochures, pamphlets Radio/TV	broadcasts
Usitor bureaus/centers Other (spec	ecify):
Previous visits	
hat is the ZIP code where you live or country if not in the United States	
P code: 54888 or, country (if not the United States):	
/hat is your age: 37	
hat is your age:	
/hat is your gender ? 🛛 Male 🗌 Female 🗌 Non-bina	ary
hich of these categories best indicates your race and ethnicity? Answe	r only for yourself.
ease select one or more.	
	🗚 White
	Don't know
Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino	
	,
ease let us know if you have any additional comments regarding your re ontact information? EVCRY Thing is GHCat.	ecreation experience during your visit:

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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

#### **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- 🔀 🛛 Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		······
Fishing from a boat	_	
Motorized boating		$\overline{\mathbf{v}}$
Non-motorized boating		
Swimming		**** <u>*</u>
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

🗆 yes 🛛 🕅 no

(B): If YES: What was it? \_

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

Rules or re	gulations	did not	allow	for	activitv
Rules or re	gulations	did not	allow	tor	activit

-				
8 KAA 10 AC	tomporarily	u clocod :	to tho	nublic
	temporarily	V LIUSEU	IU IIIE	UUUUIL.

	ot eno	ugh t	ime
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Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_

Resource damage due to overuse

No facilities or services

- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 YES 🛛 🕂 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	4	5 .	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES
-----

(C) If YES, what did you do?

🛛 NO

Moved to a new location

Changed the time of day

Changed γour activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

YES X NO	
<ul> <li>It did not affect my plans</li> <li>I visited at a time of day I thought would be less crowded</li> <li>I visited on a day of the week I thought would be less crowded</li> <li>I avoided places here I thought would be crowded today</li> <li>Other (please specify)</li> <li>Other (please specify)</li> <li>Did the actions or behavior of any other group or individual interfere with your enjoyment on t</li> <li>YES</li> <li>If yes, what type of group or person interfered with your enjoyment on this trip?</li> </ul>	his trip?
<ul> <li>I visited at a time of day I thought would be less crowded</li> <li>I visited on a day of the week I thought would be less crowded</li> <li>I avoided places here I thought would be crowded today</li> <li>Other (please specify)</li> <li>Did the actions or behavior of any other group or individual interfere with your enjoyment on t</li> <li>YES</li> <li>If yes, what type of group or person interfered with your enjoyment on this trip?</li> </ul>	his trip?
<ul> <li>I visited on a day of the week I thought would be less crowded</li> <li>I avoided places here I thought would be crowded today</li> <li>Other (please specify)</li> <li>Did the actions or behavior of any other group or individual interfere with your enjoyment on t</li> <li>YES</li> <li>If yes, what type of group or person interfered with your enjoyment on this trip?</li> </ul>	his trip?
<ul> <li>I avoided places here I thought would be crowded today</li> <li>Other (please specify)</li> <li>Did the actions or behavior of any other group or individual interfere with your enjoyment on t</li> <li>YES YES YES</li> <li>If yes, what type of group or person interfered with your enjoyment on this trip?</li> </ul>	his trip?
<ul> <li>Other (please specify)</li> <li>Did the actions or behavior of any other group or individual interfere with your enjoyment on t</li> <li>YES</li> <li>If yes, what type of group or person interfered with your enjoyment on this trip?</li> </ul>	his trip?
Did the actions or behavior of any other group or individual interfere with your enjoyment on t YES If yes, what type of group or person interfered with your enjoyment on this trip?	this trip?
YES If yes, what type of group or person interfered with your enjoyment on this trip?	this trip?
If yes, what type of group or person interfered with your enjoyment on this trip?	
Group/Person Reason(s)	
Proximity Loudness Other (please specify)	
Motorized boaters	
Non-motorized watercraft	
Vehicles	
Very Satisfied Did Not Use Did	any reason,
A constraints of the constraints	
Restroom         1         2         3         4         5	
Picnic sites 1 2 3 4 5 🔀	
Trash receptacles 1 2 3 4 5	
Vehicle parking areas	
Boat launch parking area 1 2 3 4 5 🔲	
Boat launch (1) 2 3 4 5 🔲	
Boat dock 1 2 3 4 5 🔲	
Other: 1 2 3 4 5	
Roads to facility 1 (2) 3 4 5	
Roads to facility     1     2     3     4     5       Signage to the facility     1     2     3     4     5	

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Other:

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9. How did you obtain information to plan your currer	nt trip? (Please select all that apply)
Federal or State website	🗙 Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	
What is the ZIP code where you live or country if not in the ZIP code: $\underline{5488}_{\underline{5}}$ or, country (if not the Un	
What is your age: <u>H2</u>	
What is your gender? 🔲 Male 🛛 📈 Female	Non-binary
Which of these categories best indicates your race and e	thnicity? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan 🛛 🗌 Asian	🕂 White
Native Hawaiian/other Pacific Hispa	nic or Latino 🛛 🔲 Don't know
	lispanic or Latino
Please let us know if you have any additional comments ( (contact information)	

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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- X Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing				
Fishing from a boat		te Altra		
Motorized boating				
Non-motorized boating				
Swimming		,		
Picnicking				
Wildlife Viewing				
Ice Fishing				
Other (specify) Kayak		$\sim$		

- (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not 3. able to?
  - YES NO 🕅

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

	Rules	or r	egulations	did	not	allow	for	activity
--	-------	------	------------	-----	-----	-------	-----	----------

Area was	temporari	ly closed	to the	public
Alea was	remporan	iy ciuseu	to the	pub

Not	enough	time
1400	CHOMEN	CHINC .

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES 🛛 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

(A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir?
 [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3	4	5	X
At a developed campground	1	2	3	4	5	<u>ک</u>
At a boat-in campsite	1	2	3	4	5	E
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	S	ß

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

X ک	/ES
--------	-----

🗌 NO

(C) If YES, what did you do?

🔀 Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

\_\_\_\_\_

Other:\_\_\_\_\_

ment on this trip?
ment on this trip?
ment on this trip?
ment on this trip?
<u>.</u>
ven 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -
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isfied for any reason y:
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ir today. <u>rent visit</u> to se the item o

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9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	🔄 Other (specify):
Previous visits	
What is the ZIP code where you live or country if not in th	e United States?
ZIP code: $548a$ or, country (if not the Uni	ted States):
What is your age: <u>56</u>	
What is your gender? 🕺 Male 📋 Female	Non-binary
Which of these categories best indicates your race and et	hnicity? Answer only for yourself.
Please select one or more.	
🔲 American Indian/Alaskan 🛛 📋 Asian	🔀 White
Native Hawaiian/other Pacific 🛛 🗍 Hispar	nic or Latino 🛛 🔲 Don't know
Black/African-American	ispanic or Latino
Please let us know if you have any additional comments r (contact information) Sign of County K Cell Service Sucks Topographical mopping Jo dwr uebside	egarding your recreation experience during your visit: <u>Landing</u> <u>cuthere</u> . <u>sprit</u> <u>Shace Landingson</u> the

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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

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- Check the box on the location where you received this survey:
- Hayward Project:

6-25-22

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Trego Project:
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing		•		
Fishing from a boat				
Motorized boating				
Non-motorized boating				
Swimming		· · · · · · · · · · · · · · · · · · ·		
Picnicking		ли		
Wildlife Viewing				
Ice Fishing				
Other (specify) Kere in q	I I			

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🗹 NO

(B): If YES: What was it? \_\_\_\_

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 yes 🛛 🗶 No

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

(A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir?
 [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 YE	S
------	---

X	NO
---	----

(C) If YES, what did you do?

Moved to a new location

Changed the time of daγ

Changed your activity

Chose not to recreate

Continued with current plans



	<ul> <li>(Please select one response)</li> <li>It did not affect my p</li> <li>I visited at a time of c</li> <li>I visited on a day of th</li> <li>I avoided places here</li> <li>Other (please specify)</li> </ul> Did the actions or behavior of <ul> <li>YES</li> <li>NO</li> </ul>	lans lay I tl he we I thou ) any o	nough ek I th ught w ther g	t wou ought rould t	ld be i woul be cro	ess cr d be lo wded vidual	owdec ess cro today	ere with your enjoyment on this trip?
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Xcel website	municipal website es ures, pamphlets us/centers	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
	ere you live or country if no / or, country (if not th \$	ot in the United States? ne United States):
What is your gender?	🗌 Male 🛛 🗹 Fema	le 🗌 Non-binary
Please select one or mo American Inc Native Hawa Black/Africar	re. lian/Alaskan	Asian I White Asian I Onn't know Hispanic or Latino I Don't know Not Hispanic or Latino eents regarding your recreation experience during your visit:
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1.

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

6-25-22

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat	· Null	a ang ang ang ang ang ang ang ang ang an
Motorized boating		-
Non-motorized boating		
Swimming		
Picnicking	When W	
Wildlife Viewing		
Ice Fishing		
Other (specify) Kayo King		$\checkmark$

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 yes 🛛 📈 no

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1)	2	3	4	5	
On the trails	1	2.	3	4	S	Ŕ
At a developed campground	1	2	3	4	S	X
At a boat-in campsite	1	2	3	4	5	ম
While fishing from the shoreline	1	2	3	4	5	ß
While boating/fishing from a boat	1	2	3	4	5	-123

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

NO 🛃

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans



(Please select one response)							
It did not affect my							
I visited at a time of I visited on a day of		-					
1 avoided places here			-				wueu
		-					TABLES
		ther g	roup (	or indi	vidua	Interf	ere with your enjoyment on this trip?
🗌 YES 🛛 📈 NO	)						
If yes, what type of group or p	erson i	nterfe	red w	ith you	ur enj	oymen	t on this trip?
	Reaso					•	
	Prox	imity		Loudn	ess	Othe	er (please specify)
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Non-motorized watercraft	Γ						
Vehicles	Г	٦				П	
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Federal or Stat		Word of mouth	
	unicipal website	Social media (e.g., Facebook, Twitter, etc.)	
Xcel website		Travel guides and tour books	
Other websites		Newspaper/magazine article	
Maps, brochur		Radio/TV broadcasts	
Visitor bureaus	centers	Other (specify):	
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		nited States):	
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Vhat is your gender?	Male 🔀 Female	🗍 Non-binary	
/hich of these categories	best indicates your race and	ethnicity? Answer only for yourself.	
lease select one or more			
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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

### **NPS Recreation Survey Questionnaire**

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1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access
  Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

# Trego Project:

- L Town of Trego Park Boat Landing
- ☐ Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

7-5-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		араарын түрөндөн түрө
Non-motorized boating		· · · · · · · · · · · · · · · · · · ·
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		· · · · · · · · · · · · · · · · · · ·
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗆 yes 🛛 🖾 NO

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

	Γ	<b>Rules</b>	or regulations	did not allow for	activity
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- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 📈 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):\_\_\_\_\_\_\_

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	1	(2)	3	4	5	
On the trails	1		3	4	5	· 🗖
At a developed campground	1	2	3	4	5	X
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	1	2)	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

5. During the planning process for	or you	r visit,	how	did th	e poss	nomey	
(Please select one response)	lay I th he we I thou	ek I th Ight w	ought ould l	: woul be cro	d be le wded	ess cro today	pwded
7. Did the actions or behavior of	any of	ther g	roup	or indi	ividual	interf	ere with your enjoyment on this trip?
🗌 YES 🛛 🔁 NO					-		
If yes, what type of group or pe	rson iı	nterfe	red w	ith yo	ur enjo	oymen	nt on this trip?
Group/Person I	Reasor	n(s)					
_	Proxi	imity		Loudn	ess	Othe	er (please specify)
Motorized boaters		]					
Non-motorized watercraft	E						
	_						
. How satisfied were you with the <b>Important</b> : Please only circle a	numi o, plea	ber fo	r the	items	<u>that</u>	you u	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
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<ul> <li>How satisfied were you with the <i>Important:</i> Please only circle a recreation facility/reservoir. Als exist at the specific recreation for the specific recrea</li></ul>	Nery Satisfied	Satisfied	r the Deck th	items Dissatisfied	that d Not 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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9. How did you obtain information to plan your current trip? (Please select all that apply)
□Federal or State website□Word of mouth□City, local, or municipal website□Social media (e.g., Facebook, Twitter, etc.)□Xcel website□Travel guides and tour books□Other websites□Newspaper/magazine article□Maps, brochures, pamphlets□Radio/TV broadcasts□Visitor bureaus/centers□Other (specify):▶Previous visits□
What is the ZIP code where you live or country if not in the United States?   ZIP code: <a href="mailto:SHBBB">SHBBB</a> or, country (if not the United States):   What is your age: <a href="mailto:SHBBBB">SHBBBBB</a> Or, country (if not the United States):   What is your age: <a href="mailto:SHBBBB">SHBBBBB</a> Or, country (if not the United States):
Which of these categories best indicates your race and ethnicity? Answer only for yourself.         Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information) EVCFYTHING ISGHCAF.

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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

7-9-22

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

Trego Project:

Town of Trego Park Boat Landing

Trego North Tailwater Access/Canoe Portage

Town of Trego Boat Landing

Trego South Tailwater Access

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- **City of Hayward Boat Landing**
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		$\overline{\checkmark}$
Fishing from a boat		
Motorized boating	· ·	
Non-motorized boating		· · · ·
Swimming		
Picnicking		
Wildlife Viewing		· · · · · · · · · · · · · · · · · · ·
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🖾 NO

(B): If YES: What was it? \_

Page 1 of 4

Rules or regulations did not allow for activity

Area was tem	porarily	closed	to the	public
70.00 1100 10111				

_	
	Not enough time
	NUL CHUUSH HITE

- Safety concerns
- Not enough information about the activity

Too crowded

- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- Does anyone in your personal group have a physical condition or personal limitation that made it difficult to 4. access or participate in [site] activities or services?

XINO **VES** 

Changed your activity

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	. 2	3	4	S	X
At a developed campground	1	2	3	4	S	Q
At a boat-in campsite	1	2	3	4	5	X
While fishing from the shoreline	1	2	3	4	5	X
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES	D NO	
(C) If YES, what c	lid you do?	
Moved to a	new location	Chose not to
Changed th	e time of day	Continued w

ith current plans 

recreate

Other:	

6. During the planning process for your visit, how did the possibility of crowds affect your trip plans?

(Please select one response)

- It did not affect my plans
- I visited at a time of day I thought would be less crowded
- I visited on a day of the week I thought would be less crowded
- I avoided places here I thought would be crowded today
- Other (please specify) \_\_\_\_\_

7. Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip?

If yes, what type of group or person interfered with your enjoyment on this trip?

Group/Person	Reason(s)			
	Proximity	Loudness	Other (please specify)	
Motorized boaters				
Non-motorized watercraft				, <u>anat</u> i
Vehicles				1188 M. B.

8. How satisfied were you with the following amenities at this recreation facility/reservoir today. Important: Please only circle a number for the items <u>that you used during your current visit</u> to this specific recreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does not exist at the specific recreation facility.

		Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
	Restroom	1	2	3	4	5	X	
	Picnic sites	1	2	3	4	5	ß	
	Trash receptacles	1	2	3	4	5		
1	Vehicle parking areas	1	2	3	4	5		
	Boat launch parking area	1	2	3	4	5		
ļ	Boat launch	1	2	3	4	5	N	
	Boat dock	1	2	3	4	5		
•	Other:	1	2	3	4	5		
	Roads to facility	(1)	2	3	4	5		
	Signage to the facility	(i)	2	3	4	5		
	Signage within the facility	$\left  \left( \overrightarrow{1} \right) \right $	2	3	4	5		
	Other:	1	2	3	4	5	<u>ک</u> ر	
		- <b>I</b>			2000 2			

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	State website	Word of		vittor atc.)
Xcel websit	or municipal website		edia (e.g., Facebook, Tw uides and tour books	vitter, etc.)
Other websit			per/magazine article	
	hures, pamphlets		/ broadcasts	
	eaus/centers		pecify):	
Previous vis				T3580T T T
code: <u>553</u> nat is your age: nat is your gender? nich of these catego ase select one or m	or, country (if r 7 Male	y if not in the United State not the United States): Female	nary	
Black/Africa	vaiian/other Pacific	<ul> <li>Hispanic or Latino</li> <li>Not Hispanic or Latino</li> <li>not Hispanic or Latino</li> </ul>		during your visit
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	10	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
<ul> <li>Native Haw</li> <li>Black/Africa</li> </ul>	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
Black/Africa	vaiian/other Pacific	Not Hispanic or Latin	recreation experience o	
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Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Trego Project:
  - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage

7-9-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>ali</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing	$\checkmark$			
Fishing from a boat				
Motorized boating				
Non-motorized boating		· · · · · · · · · · · · · · · · · · ·		
Swimming				
Picnicking				
Wildlife Viewing				
Ice Fishing		·		
Other (specify)				

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

Page 1 of 4

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public.
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🙀 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3	4	5	
At a developed campground	1	2	3	4	5	M
At a boat-in campsite	1	2	3	4	5	ß
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	X

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

K NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate
 Continued with current plans

Other:\_\_\_\_\_

	olans day I th the wee e I thou /) f any ot	ek I th Ight w	rough yould group	t woul be cro or indi	d be l wded	ess cro today linterf	fere with your enjoyment on this trip?
	Reason						
	Proxi			Loudn	ess	Othe	er (please specify)
Motorized boaters	С	כ					) )
Non-motorized watercraft		]					
Vehicles							
8. How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als	i numb	ber fo	or the	items	<u>that</u>	you u	sed during your current visit to this specific
Important: Please only circle of	a numb so, plea acility.	ber fo ase ch	or the heck th	items he "Di	Dissatisfied pow	you u	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason, please explain why:
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Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
Previous visits	_
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code: <u>55376</u> or, country (if not :	the United States):
at is your age: 22	
	_
at is your gender? 🔲 Male 🛛 🔀 Fen	nale 🗌 Non-binary
ich of these categories best indicates your race	e and ethnicity? Answer only for yourself.
ase select one or more.	
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# **ON-SITE/IN-PERSON RECREATION INTERVIEW** Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

### Hayward Project:

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - Trego North Tailwater Access/Canoe Portage

7-9-22

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat	$\checkmark$	
Motorized boating		· · · · · · · · · · · · · · · · · · ·
Non-motorized boating		· · · · · · · · · · · · · · · · · · ·
Swimming		,
Picnicking		
Wildlife Viewing		· · · · · · · · · · · · · · · · · · ·
Ice Fishing		
Other (specify)	· · · · · · · · · · · · · · · · · · ·	· · · · ·

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - YES IN NO

(B): If YES: What was it? \_

 (C): Which of the following reasons, if any, explain why you did not engage in the activity?

 Rules or regulations did not allow for activity

 Area was temporarily closed to the public

 Not enough time

 Safety concerns

 Not enough information about the activity

 Too crowded

 Difficult road or trail access

 No road or trail access

 Unsatisfactory facilities or conditions of land or water (please specify)

 Resource damage due to overuse

 No facilities or services

 Bad weather

 Flooding or other natural hazard

 Other (please specify)

4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🛛 🖄 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails		2	3	4	5	
At a developed campground	1	2	3	4	5	×
At a boat-in campsite	1	2	3	4	5	Ď.
While fishing from the shoreline	1	2	3	4	S	X
While boating/fishing from a boat	1	2	3	4	5	Ŕ

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

(C) If YES, what did you do?

× NO

Moved to a new location

\_\_\_\_\_ Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

6. During the planning process for your visit, how did the possibility of crowds affect your trip plans? (Please select one response) It did not affect my plans I visited at a time of day I thought would be less crowded I visited on a day of the week I thought would be less crowded I avoided places here I thought would be crowded today Other (please specify) \_\_\_\_ 7. Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip? Жло YES If yes, what type of group or person interfered with your enjoyment on this trip? Group/Person Reason(s) Proximity Loudness Other (please specify) Motorized boaters | | Non-motorized watercraft Vehicles 8. How satisfied were you with the following amenities at this recreation facility/reservoir today. Important: Please only circle a number for the items that you used during your current visit to this specific

recreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does not

exist at the specific recreation facility.

	Very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	1	2	3	4	5	R	· · · · · · · · · · · · · · · · · · ·
Picnic sites	1	2	з	4	5	X	
Trash receptacles	1	2	3	4	5	X	
Vehicle parking areas		2	3	4	5		**************************************
Boat launch parking area		2	3	4	5		
Boat launch		2	3	4	5		
Boat dock	) T	2	3	4	5		
Other:	1	2	3	4	5	R	
Roads to facility	1)	2	3	4	5		
5ignage to the facility	$\overline{1}$	2	3	4	5		
Signage within the facility		2	3	4	5		
Other:	1	2	3	4	5		
	·I		F	age 3	of 4		

9. How did you obtain information to plan your cu	
Federal or State website	. Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
🔀 Previous visits	
/hat is the ZIP code where you live or country if not	
IP code: <u>59858</u> or, country (if not the	United States):
/hat is your age: <u>58</u>	
Vhat is your gender? 🏾 🏝 Male 👘 🗌 Female	e 🗌 Non-binary
/hich of these categories best indicates your race an	nd ethnicity? Answer only for yourself.
lease select one or more.	
🗌 American Indian/Alaskan 🗌 As	sian 📉 White
	ispanic or Latino 🔲 Don't know
	ot Hispanic or Latino
Please let us know if you have any additional comment contact information)	nts regarding your recreation experience during your visit:
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8/6/2022

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

## Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

# Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing	×	Q		
Fishing from a boat				
Motorized boating				
Non-motorized boating	•			
Swimming				
Picnicking				
Wildlife Viewing				
Ice Fishing				
Other (specify)				

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 YES 🛛 🖳 NO

(B): If YES: What was it? \_\_\_\_\_

Rules or regulations did	I not allow for	activity				
🔲 Area was temporarily d	losed to the p	ublic				
Not enough time						
Safety concerns						
Not enough informatio	n about the ac	tivity				
Too crowded						
Difficult road or trail ac	cess					
No road or trail access		- · · ·				
Unsatisfactory facilities		of land or w	ater (please sp	pecity)		
Resource damage due t     No facilities or services	o overuse					
Bad weather						
Flooding or other natur	al hazard					
Other (please specify) _						
YES X NO						
If YES, on this visit what activitie (Please describe): (A) How crowded did you feel v [Select one number for each or i	vhile recreatin	ng at these lo	cations today	at this recre		
If YES, on this visit what activitie (Please describe): (A) How crowded did you feel v [Select one number for each or i	vhile recreatin ndicate it was	ng at these lo not applical	cations today ble to your visi	at this recre t.]	ation facility/	reservoir?
If YES, on this visit what activitie (Please describe): (A) How crowded did you feel w [Select one number for each or i 	vhile recreatin ndicate it was Not at all	ng at these lo not applical Slightly	cations today ble to your visi Moderately	at this recre t.] Ve <b>ry</b>	ation facility/ Extremely	reservoir? Not
If YES, on this visit what activitie (Please describe): (A) How crowded did you feel w [Select one number for each or i -OCATION / AREA n parking areas	vhile recreatin ndicate it was Not at all crowded	ng at these lo not applical Slightly crowded	cations today ble to your visi Moderately crowded	at this recre t.] Very crowded	ation facility/ Extremely crowded	reservoir? Not
If YES, on this visit what activitie. (Please describe): (A) How crowded did you feel w [Select one number for each or i OCATION / AREA n parking areas On the trails	vhile recreatin ndicate it was Not at all crowded	ng at these lo not applical Slightly crowded 2	cations today ble to your visi Moderately crowded 3	at this recre t.] Very crowded 4	ation facility/ Extremely crowded 5	reservoir? Not
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or i OCATION / AREA n parking areas On the trails At a developed campground	vhile recreatin ndicate it was Not at all crowded (1) (1)	ng at these lo not applical Slightly crowded 2 2	Moderately crowded 3 3	at this recre it.] Very crowded 4 4	ation facility/ Extremely crowded 5 5	reservoir? Not applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or i OCATION / AREA n parking areas On the trails At a developed campground At a boat-in campsite	vhile recreatin ndicate it was Not at all crowded (1) (1) 1	ng at these lo not applical Slightly crowded 2 2 2 2	Moderately crowded 3 3 3 3	at this recre it.] Very crowded 4 4 4	Extremely crowded 5 5 5	reservoir? Not applicable
If YES, on this visit what activitie. (Please describe): (A) How crowded did you feel w [Select one number for each or i OCATION / AREA parking areas the trails a developed campground a boat-in campsite hile fishing from the shoreline	vhile recreatin ndicate it was Not at all crowded (1) (1) 1 1 1 1	ng at these lo not applical Slightly crowded 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 4 4 4	ation facility/ Extremely crowded 5 5 5 5 5 5 5	Not applicable
If YES, on this visit what activitie. (Please describe): (A) How crowded did you feel w [Select one number for each or i OCATION / AREA n parking areas On the trails At a developed campground At a boat-in campsite While fishing from the shoreline	vhile recreatin ndicate it was Not at all crowded (1) (1) 1 1 1 1 1 1	not applicat Slightly crowded 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Acations today ble to your visi Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre it.] Very crowded 4 4 4 4 4 4 4 4 4 4	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5	reservoir? Not applicable
If YES, on this visit what activities (Please describe): (A) How crowded did you feel w [Select one number for each or i COCATION / AREA n parking areas On the trails At a developed campground At a boat-in campsite While fishing from the shoreline While boating/fishing from a boat (B) If you felt crowded, did you	vhile recreatin ndicate it was Not at all crowded (1) (1) 1 1 1 1 1 1	not applicat Slightly crowded 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Acations today ble to your visi Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre it.] Very crowded 4 4 4 4 4 4 4 4 4 4	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5	Not applicable
If YES, on this visit what activities (Please describe):	vhile recreatin ndicate it was Not at all crowded (1) (1) 1 1 1 1 1 1	not applicat Slightly crowded 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre it.] Very crowded 4 4 4 4 4 4 4 4 4 4	Extremely crowded 5 5 5 5 5 5 5 5 5 5 5 5	Not applicable
If YES, on this visit what activities (Please describe):	vhile recreatin ndicate it was Not at all crowded (1) (1) 1 1 1 1 1 1	not applicat Slightly crowded 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Moderately crowded 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	at this recre t.] Very crowded 4 4 4 4 4 4 0 4 0 0 0 1 6 1 crowd	ation facility/ Extremely crowded 5 5 5 5 5 5 4 6d?	Not applicable

I visited on a day of the week I thought would be less crowded         I avoided places here I thought would be crowded today         Other (please specify)         Other (please specify)         Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip?         YES       NO         If yes, what type of group or person interfered with your enjoyment on this trip?         Group/Person       Reason(s)         Motorized boaters       Proximity         Non-motorized watercraft       Image: Control of the items that you used during your current visit to this spectrection facility/reservoir today.         Important: Please only circle a number for the items that you used during your current visit to this spectrection facility/reservoir today.         Important: Please only circle a number for the items that you used during your current visit to this spectrection facility/reservoir today.         Important: Please only circle a number for the items that you used during your current visit to this spectrection facility/reservoir today.         Important: Please only circle a number for the items that you used during your current visit to this spectrection facility/reservoir today.         Important: Please only circle a number for the items that you used during your current visit to this spectrection facility.         Yes       Yes         Yes       Yes         Yes       Yes         Yes       Yes
Other (please specify)         Did the actions or behavior of any other group or individual interfere with your enjoyment on this trip?         YES       NO         If yes, what type of group or person interfered with your enjoyment on this trip?         Group/Person       Reason(s)         Proximity       Loudness         Other (please specify)         Motorized boaters
YES       NO         If yes, what type of group or person interfered with your enjoyment on this trip?         Group/Person       Reason(s)         Proximity       Loudness         Other (please specify)         Motorized boaters
YES       NO         If yes, what type of group or person interfered with your enjoyment on this trip?         Group/Person       Reason(s)         Proximity       Loudness         Other (please specify)         Motorized boaters
If yes, what type of group or person interfered with your enjoyment on this trip?          Group/Person       Reason(s)         Proximity       Loudness       Other (please specify)         Motorized boaters       Image:
Group/Person       Reason(s)         Proximity       Loudness       Other (please specify)         Motorized boaters       Image: Image
Group/Person       Reason(s)         Proximity       Loudness       Other (please specify)         Motorized boaters       Image: Image
Proximity       Loudness       Other (please specify)         Motorized boaters
Motorized boaters       Image: Construction of the items of the item or it does it exist at the specific recreation facility.         Mon-motorized watercraft       Image: Construction of the items of the item or it does it exist at the specific recreation facility.
Non-motorized watercraft       Image: Constraint of the following amenities at this recreation facility/reservoir today.         Vehicles       Important: Please only circle a number for the items that you used during your current visit to this spectrecreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does next at the specific recreation facility.         Image: State of the specific recreation facility.
Vehicles       Important: Please only circle a number for the items that you used during your current visit to this spectrection facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does nextst at the specific recreation facility.
. How satisfied were you with the following amenities at this recreation facility/reservoir today. Important: Please only circle a number for the items <u>that you used during your current visit</u> to this specirecreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does nexts at the specific recreation facility.
Important: Please only circle a number for the items <u>that you used during your current visit</u> to this spec recreation facility/reservoir. Also, please check the "Did Not Use" box, if you did not use the item or it does exist at the specific recreation facility.
Very Satisfied Dissatisfied for any reason, Did Not Use Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied Dissatisfied
<u> </u>
Picnic sites 1 2 3 4 5 🗹
Trash receptacles 1 2 3 4 5 🔀
Vehicle parking areas 1 2 3 4 5
Boat launch parking area 1 2 3 4 5 🔀
Boat launch parking area12345XBoat launch12345X

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Roads to facility

Other:

Signage to the facility

Signage within the facility

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(2)

9. How did you obtain information to plan your c	urrent trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Other (specify):
∑' Previous visits	
¢	
What is the ZIP code where you live or country if no	t in the United States?
	e United States):
<i>,</i>	e office offices,
What is your age: 20-25	
What is your gender? 🔽 Male 🛛 🗌 Femal	le 🗌 Non-binary
Which of these categories best indicates your race a	nd ethnicity? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan 🗌 A	Asian 🔽 White
	lispanic or Latino Don't know
	Not Hispanic or Latino
Please let us know if you have any additional comme (contact information)	ents regarding your recreation experience during your visit:
Pile is small if there a	ac he Heald Roughy Hus gran could
he the second t	ere multiple people llus gear could
unome ve cloutded	

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#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

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1. Check the box on the location where you received this survey:

## Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

## Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

8/13/2002

- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing		11		
Fishing from a boat				
Motorized boating				
Non-motorized boating	1	· · ·		
Swimming				
Picnicking		-		
Wildlife Viewing				
Ice Fishing				
Other (specify)				

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

YES

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(C): Which of the following reasons, if any, explain why you did not engage in the activity?

- Rules or regulations did not allow for activity
- Area was temporarily closed to the public
- Not enough time
- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)\_
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗆 YES 🛛 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

(A) How crowded did you feel while recreating at these locations todaγ at this recreation facility/reservoir?
 [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	$\begin{pmatrix} 1 \end{pmatrix}$	2	3	4	5	
On the trails	1	2	3	4	5	,e-
At a developed campground		2	3	4	5	
At a boat-in campsite	1	2	3	<u>,</u> 4	5	P
While fishing from the shoreline	(1)	2	3	4	S	
While boating/fishing from a boat	1	2	3	4	5	P

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

NO 🛛

(C) If YES, what did you do?

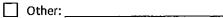
Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans



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5. During the planning process f	or you	r visit,	how	did the	e pos	sibility	of crowds affect your trip plans?
(Please select one response)	-1						
I t did not affect my p		- ou ch	+	اطاما			
I visited on a day of t							
I avoided places here			-				wueu
Other (please specify		-				•	
						••••	
. Did the actions or behavior of	fany of	the <mark>r</mark> g	roup	or indi	vidua	l interf	ere with your enjoyment on this trip?
	`						
	,						
If yes, what type of group or pe	erson ir	nterfe	red w	ith you	ur enj	oymen	t on this trip?
Group/Person	Reasor	n(s)					
						Oth	
– Motorized boaters	Proxi			Loudn	ess		er (please specify)
	. · L	_					
Non-motorized watercraft	Ĺ						
Vehicles	Ľ	]					
• •	atisfied	pa	يد	sfled	issatisfied	Use	
	Very Sa	Satisfie	Neither	ati			
Restroom	1			Dissatis	Very Dis	Did Not U	If you were dissatisfied for any reason, please explain why:
Picnic sites	1	2	2 3	issid 4	5 Very D		• • • •
Trash receptacles	1	2 2				Did Not I	• • • •
	_		3	4	5		
Vehicle parking areas	1	2	3	4	5 5		• • • •
	1	2 2	3 3 3	4 4 4	5 5 5		• • • •
Vehicle parking areas	1 1 1	2 2 2	3 3 3 3	4 4 4 4	5 5 5 5		
Vehicle parking areas Boat launch parking area	1 1 (1) 1	2 2 2 2	3 3 3 3 3	4 4 4 4	5 5 5 5 5		• • • •
Vehicle parking areas Boat launch parking area Boat launch	1 1 1 1 1	2 2 2 2 2 2	3 3 3 3 (3) (3) (3)	4 4 4 4 4 4	5 5 5 5 5 5		• • • •
Vehicle parking areas Boat launch parking area Boat launch Boat dock Other:	1 1 1 1 1 1 1	2 2 2 2 2 2 2	3 3 3 3 (3) (3) 3 3	4 4 4 4 4 4 4	5 5 5 5 5 5 5		please explain why:
Vehicle parking areas Boat launch parking area Boat launch Boat dock Other: Roads to facility	1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2	3 3 3 3 3 3 3 3 3 3 3 3	4 4 4 4 4 4 4 4 4	5 5 5 5 5 5 5 5 5		please explain why:
Vehicle parking areas Boat launch parking area Boat launch Boat dock Other: Roads to facility Signage to the facility	1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 3 3 3 3 3 3 3 3 3 3 3	4 4 4 4 4 4 4 4 4 4 4	5 5 5 5 5 5 5 5 5 5 5		Poor signage - unclear where water
Vehicle parking areas Boat launch parking area Boat launch Boat dock Other: Roads to facility	1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2	3 3 3 3 3 3 3 3 3 3 3 3	4 4 4 4 4 4 4 4 4	5 5 5 5 5 5 5 5 5		• • • •

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9. How did you obtain information to plan your current trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Xcel website</li> <li>Other websites</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> <li>Word of mouth</li> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in the United States? Prescot, WI ZIP code: <u>54021</u> or, country (if not the United States):
What is your age:
What is your gender? 💢 Male 🗌 Female 🗌 Non-binary
Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Don't know
Black/African-American   Not Hispanic or Latino
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:         (contact information)
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:         (contact information)
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:         (contact information)
Black/African-American Not Hispanic or Latino  Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information)
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:         (contact information)
Black/African-American Not Hispanic or Latino  Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information)
Black/African-American       Not Hispanic or Latino         Please let us know if you have any additional comments regarding your recreation experience during your visit:         (contact information)

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## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

**Trego Project:** 

- Hayward Canoe Portage Take-out and Town of Trego Park Boat Landing Carry-In Access Town of Trego Boat Landing Hayward Canoe Portage Trail and Put-in Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		Land Contraction of the second
Fishing from a boat		
Motorized boating		a an
Non-motorized boating		- Mile
Swimming		
Picnicking		anan yang kang kang kang kang kang kang kang k
Wildlife Viewing		
Ice Fishing		
Other (specify)		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

YES	
(B): If YES: What	/ ` was it?

Page 1 of 4

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

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Rules or regulations did not allow for activity

Area was temporarily closed to the public

Not enough time
-----------------

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_\_\_\_\_

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify) \_\_\_\_\_
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	and an
At a developed campground	1	2	3	4	- 5	
At a boat-in campsite	1	2	3	4	5	, Dan
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	P

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

(C) If YES, what did you do?	
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:
	Page 2 of 4

6. During the planning process for	or y <mark>our v</mark> í	/isit, h	1044 0	iju un	c poss		
(Please select one response)							
It did not affect my plans							
I visited at a time of day I thought would be less crowded							
I visited on a day of the week I thought would be less crowded							
I avoided places here	I though	ht wo	uld b	be cro	wded	today	trilulater & call attack
Other (please specify	) <u>Wer</u>	11-	1 <u>0</u>	0		<b>V</b> I	tailwater & saw other OSS viver @ North re with your enjoyment on this trip? Tailwater
anglers - Saw 1 Did the actions or behavior of	$\sqrt{D}$	or ara	( L	<i>XC</i> U vr indi	) 🖒 Vidual	interf	1085 MVer (a) Nor 101
	any othe	CI BIC	Jup c		vidual	menterne	acces
🗌 YES 🗖 NO	i i						
/ If yes, what type of group or pe	erson inte	erfere	ed wi	th you	ur enie	ovmen	; on this trip?
	Reason(s					,	
	Proximi	ity	L	Loudn	ess	Othe	r (please specify)
Motorized boaters							
Non-motorized watercraft							
Vehicles	 ["]						
Venicies							
Important: Please only circle of	a numbei so, please	r for	the i	items	<u>that</u>	you us	tion facility/reservoir today. <u>e<b>d during your current visit</b></u> to this specific ox, if you did not use the item or it does not
Important: Please only circle on recreation facility/reservoir. Als	a numbei so, please acility. Peits	r for e <b>che</b>	the i c <b>k</b> th	items ne "Dia Dia	that Not d Not	you us Use″ b	ed during your current visit to this specific
Important: Please only circle on recreation facility/reservoir. Als	a number so, please acility.	r for	the i	items ne "Dia Dissatistied	Very Dissatisfied pow p	Diq Not Cse Diq Not Cse	<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f	a number so, please acility.	r for e che	neither Neither	items ne "Dia Dia	that Not d Not	Diq Not Ose	<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
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Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas	a number so, please facility.	r for e che 2 2 2 2 2 2 2 2 2 2	the ck th Sock th 3 3 3	items ne "Die Dissatiztied 4 4 4 4	that d Not 5 5 5 5 5		<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
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Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area         Boat launch	a number so, please facility.	r for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the inck the sector Neither 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items ne "Di Pissatistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5		<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
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Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area	a number so, please facility.	r for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the inck the sector Neither 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items ne "Di Pissatistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5		<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch         Boat dock	a number so, please facility.	r for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the ck th S S S S S S S S S S S S S S S S S S S	items ne "Di Pissatistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5		<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation for the sp	a number so, please acility.	r for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the ck th S S S S S S S S S S S S S S S S S S S	items ne "Di Pissatistied 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5		<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area         Boat launch         Boat dock         Other:         Roads to facility	a number so, please acility. 1 1 1 1 1 1 1 1 1 1 1 1	r for e che 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	the line line line line line line line lin	items ne "Di Poissatistied 4 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		<u>ed during your current visit</u> to this specific ox, if you did not use the item or it does not If γou were dissatisfied for any reason,
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Page	3	of	4
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9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
Previous visits What is the ZIP code where you live or country if not in the ZIP code: $5481($ or, country (if not the Unit What is your age: $50$	ne United States? ted States):
What is your gender? 🔲 Male 🕅 Female	Non-binary
	hnicity? Answer only for yourself.
Please let us know if you have any additional comments r (contact information)	egarding your recreation experience during your visit:

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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

- 1. Check the box on the location where you received this survey:
- Hayward Project:

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- - Town of Trego Park Boat Landing
  - Town of Trego Boat Landing
  - 🔀 Trego North Tailwater Access/Canoe Portage
  - **Trego South Tailwater Access**
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)		
Shoreline/tailwater fishing		~		
Fishing from a boat				
Motorized boating		·····		
Non-motorized boating				
Swimming		na an a		
Picnicking				
Wildlife Viewing				
Ice Fishing		n ng son		
Other (specify)				

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - yes [Х] №

(B): If YES: What was it?

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

£.

	Rules	or regulati	ions did	not allo	w for	activity
	INUICO	UI I Egulati	ula ulu	not and		activity

	temporarily		1 11	and a share of the state of the
	: tomnorarii	noson v	TO TRE	nunur
				Public

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

- No facilities or services
- Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES 🕅 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	<b></b> `
At a boat-in campsite	1`	2	3	4	5	
While fishing from the shoreline	$\bigcirc$	· 2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

	YES
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(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

Page 2 of 4

6. During the planning process f	or you	r visit,	, how	did th	e poss	ibility	of crowds affect your trip plans?	
(Please select one response)	lans							
🔀 I visited at a time of	day I ti	hough	it wou	ld be l	less cr	owde	t i i i i i i i i i i i i i i i i i i i	
🔲 I visited on a day of t	he we	ek I th	nought	t woul	d be la	ess cro	wded	
I avoided places here	e i thou	ight w	vould	be cro	wded	today	n tailwater access-	
🔀 Other (please specify	$\omega_{\rm w}$	en	<u>t</u>	10	50	) UT	VI Fallwater access	
7. Did the actions or behavior of	any of	ЮЦ the <b>r</b> g	tγ roup	or indi	) Mi ividual	00 I interf	we wees a N. failwar ere with your enjoyment on this trip? acces	ser ss.
If yes, what type of group or pe	erson iı	nterfe	red w	ith yo	ur enj	oymer	at on this trip?	
Group/Person	Reasor	n(s)						
	Proxi	i <u>mit</u> y		Loudn	ess	Oth	er (please specify)	
Motorized boaters		]						
Non-motorized watercraft	Г	٦						
	- -	- -						
Vehicles		J						
exist at the specific recreation f	very Satisfied	Satisfied	Neither	Dissatisfied	Very Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:	
Restroom	>	2	2 3	4	<u>&gt;</u> 5		* · · · · · · · · · · · · · · · · · · ·	
Picnic sites	1	2	3	4	5			
Trash receptacles	1	2	3	4	5			
Vehicle parking areas	$\overline{(1)}$	2	3	4	5			
Boat launch parking area		2	3	4	5			
Boat launch	1	2	3	4	5			
Boat dock	1	2	3	4	5			
Other:	1	2	3	4	5			
Roads to facility	(-)	2	3	4	5			
Signage to the facility	1 1	2	3	4	5			
Signage within the facility Other:	1	2	3	4	5			
	1	2	3	4	5			
				Page 3	of 4	_		

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<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> </ul>
<ul><li>Visitor bureaus/centers</li><li>Previous visits</li></ul>	fishing neve since childhoo
Vhat is the ZIP code where you live or country if IP code: <u>54871</u> or, country (if no Vhat is your age: <u>50</u>	f not in the United States? At the United States):
Vhat is your gender? X Male Fe	emale 🗌 Non-binary
Vhich of these categories best indicates your ra	ce and ethnicity? Answer only for yourself.
lease select one or more.	
American Indian/Alaskan	Asian 🕅 White
<ul> <li>Native Hawaiian/other Pacific</li> <li>Black/African-American</li> </ul>	Hispanic or Latino     Don't know       Not Hispanic or Latino
lease let us know if you have any additional cor contact information)	mments regarding your recreation experience during your visit:

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

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- 1. Check the box on the location where you received this survey:
- Hayward Project:
  - Hayward Canoe Portage Take-out and Carry-In Access
  - Hayward Canoe Portage Trail and Put-in
  - Informal Tailwater Bank Fishing Access
  - City of Hayward Boat Landing
  - City of Hayward Beach/Fishing Pier
  - Bartz's Bay Informal Ice Fishing Access

- Trego Project:
  - 💭 Town of Trego Park Boat Landing
  - **Town of Trego Boat Landing**
  - Trego North Tailwater Access/Canoe Portage
  - Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		· · · · · · · · · · · · · · · · · · ·
Wildlife Viewing		
Ice Fishing		den handelen en e
Other (specify)		անանցվերը,

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

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(C): Which of the following reasons, if any, explain why you did not engage in the activity?

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I	Rules	or regu	lations	did	not	allow	for	activity
	100100	OLICEO	in cions	aiu	1100	uno		

	Area was	temporarily	closed	to the	public
--	----------	-------------	--------	--------	--------

Not	enough	time
1100	CHOGEN	CHILLIC .

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	í	2	3	4	5	
On the trails	1	2	3	4	5	þ
At a developed campground	Ð	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	Ø
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	Ž

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

|--|

🛛 🖉 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:

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	lans lay I th he wee I thou )	ough k I th ght w	t woul lought vould b	would be crov	d be le wded	ess cro today	
If yes, what type of group or pe	rson in	terfe	red wi	th you	ur enjo	oymen	t on this trip?
Group/Person F	Reason	(s)					
_	Proxi	mity	l	.oudn	ess	Othe	er (please specify)
Motorized boaters							
Non-motorized watercraft		]					
Vehicles		]					
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Important: Please only circle a recreation facility/reservoir. Als	numb o, plea acility.	per fo use ch	r the . neck th	items ne "Dia Stieq	<u>that</u> d Not	Use" L Use" L	ed during your current visit to this specific
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Important: Please only circle a         recreation facility/reservoir. Als         exist at the specific recreation facility         Restroom         Picnic sites         Trash receptacles         Vehicle parking areas	numb ro, plea acility.	2 2 Satisfied 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the meck the second s	items ne "Dia Dissatistied 4 4 4 4	that Not 5 5 5 5	Use" L Use" L	<b>Sed during your current visit</b> to this specific box, if you did not use the item or it does not <b>If you w</b> ere dissatisfied for any reason,
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Important: Please only circle a         recreation facility/reservoir. Als         exist at the specific recreation facility/reservoir.         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch parking area         Boat dock         Other:	numb ro, plea acility. 1 1 1 1 1 1 1 1 1 1	per fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck the Neither	items be "Did 4 4 4 4 4 4 4 4 4 4 4 4	that Not Not Neth Dissatisfied	Use" L Use" L	If you were dissatisfied for any reason, please explain why:
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9. How did you obtain information to plan your current	trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Other websites, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify): Family</li> </ul>
What is the ZIP code where you live or country if not in th ZIP code: $54021$ or, country (if not the Unit What is your age: $38$	e United States? Prescot, WI
What is your gender? 🕅 Male 🛛 Female	Non-binary
Which of these categories best indicates your race and et	nnicity? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan 🗌 Asian	🕅 White
	ic or Latino 🗍 Don't know spanic or Latino
Please let us know if you have any additional comments re (contact information)	garding your recreation experience during your visit:
<u></u>	

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#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

Northern States Power Company - Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

### Hayward Project:

- **Trego Project:** Hayward Canoe Portage Take-out and
  - Town of Trego Park Boat Landing

- Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- X Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ACTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		a general general general and general a
Fishing from a boat		
Motorized boating		Mader
Non-motorized boating		· · · · · · · · · · · · · · · · · · ·
Swimming		· · · · · · · · · · · · · · · · · · ·
Picnicking		
Wildlife Viewing		
Ice Fishing		
Other (specify)	Hiking	Hiking

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - NO 🕅 YES

(B): If YES: What was it? \_\_\_\_\_

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

I	Area was	temporarily	closed	to th	e public
	Alca was	temporaring	y cioseu		e public

Not enough time

- Safety concerns
- Not enough information about the activity
- Too crowded
- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES

NO (X)

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas		2	3	4	5	
On the trails	(1)	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	. 4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 YES
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Π NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

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6.	During the planning process for	or you	r visit,	, 110w		0 p 0 0 0			
	(Please select one response)								
	It did not affect my p								
I visited at a time of day I thought would be less crowded									
I visited on a day of the week I thought would be less crowded I avoided places here I thought would be crowded today									
Other (please specify)									
7.	Did the actions or behavior of	any of	ther g	roup (	or indi	vidual	interf	ere with your enjoyment on this trip?	
	🗌 YES 🗌 NO								
ľ	f yes, what type of group or pe	rson ii	nterfe	red w	ith yo	ur enj	oymer	it on this trip?	
Gr	oup/Person	Reasor	n(s)						
		Prox	imity		Loudn	ess	Othe	er (please specify)	
Mo	otorized boaters	Ľ	]						
No	n-motorized watercraft	Ľ	]						
Vehicles							П		
Ve									
8. 11 11	How satisfied were you with th mportant: Please only circle a	i numl a, plea	ber fo ase <b>ch</b>	r the	items	<u>that</u>	you u	ation facility/reservoir today. Sed during your current visit to this specific Dox, if you did not use the item or it does not	
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8.    	How satisfied were you with the <b>mportant</b> : Please only circle a cereation facility/reservoir. Als exist at the specific recreation for the specific recreating recreation for the specific recreation	numl ra, plea acility.	ber fo ase ch 2 2 2	r the neck th 3 3	items he "Dis Dissatistied 4 4	that d Not 5 5 5	Did Not Use Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,	
8.    	How satisfied were you with the <b>mportant</b> : Please only circle a ecreation facility/reservoir. Als exist at the specific recreation for <b>Restroom</b>	numl ra, plea acility.	ber fo ase ch	r the neck th 3	items he "Di Dissatistied 4	that Not bissatisfied 2	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,	
8. // n e	How satisfied were you with the <b>mportant</b> : Please only circle a cereation facility/reservoir. Als exist at the specific recreation for the specific recreating recreation for the specific recreation	numl a, plea acility. Acry Satisfied	ber fo ase ch 2 2 2 2 2	r the neck the Neither 3 3 3	items he "Dia Dissatistied 4 4	that d Not 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,	
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8. // n e	How satisfied were you with the protant: Please only circle a cereation facility/reservoir. Als exist at the specific recreation facility for the specific recreation factor for the specific recreating recreation factor for the	numl a, plea acility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck th Seither 3 3 3 3 3 3 3	items he "Dis Dissatistied 4 4 4 4 4	that d Not 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,	
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8. // n e	How satisfied were you with the specific recreation facility/reservoir. Als exist at the specific recreation facility/reservoir. Als exist at the specific recreation facility for the specific recr	numl a, plea acility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck the Setther 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items he "Dis Dissatistied 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,	
8. // n e	How satisfied were you with the sportant: Please only circle a cereation facility/reservoir. Also exist at the specific recreation for the spe	numl a, plea acility.	ber fo ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the neck th 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items he "Dis Dissatistied 4 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,	

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9. How did you obtain information to plan your current	nt trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Xcel website</li> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Previous visits</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Travel guides and tour books</li> <li>Newspaper/magazine article</li> <li>Radio/TV broadcasts</li> <li>Other (specify):</li></ul>
What is the ZIP code where you live or country if not in t ZIP code: $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ or, country (if not the Un	
What is your age: $422$	······
What is your gender? 🚺 Malé 🛛 Female	Non-binary
Which of these categories best indicates your race and e	
Please select one or more.	
American Indian/Alaskan Asian	nic or Latino Don't know
Please let us know if you have any additional comments (contact information)	regarding your recreation experience during your visit:
	regarding your recreation experience during your visit:
	regarding your recreation experience during your visit:
	regarding your recreation experience during your visit:
	regarding your recreation experience during your visit:
	regarding your recreation experience during your visit:

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#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

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1. Check the box on the location where you received this survey:

## Hayward Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

## Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you participated in on your current visit to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

Α <b>CTIVITY</b>	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		- PMAnu alan ma
Fishing from a boat		
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		
Ice Fishing		· · · · · · · · · · · · · · · · · · ·
Other (specify)	Hile 100 -	

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

YE5

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

Rules or regulations did not allow for activit		Rules or	regulations	did not	allow fo	r activity
--	--	----------	-------------	---------	----------	------------

	Area was tem	porarily close	ed to the public

Not	enough	time

Safety concerns

Not enough information about the activity

Too crowded

- Difficult road or trail access
- No road or trail access
- Unsatisfactory facilities or conditions of land or water (please specify)
- Resource damage due to overuse
- No facilities or services
- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- Does anyone in your personal group have a physical condition or personal limitation that made it difficult to 4. access or participate in [site] activities or services?



If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in? (Please describe):

S. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	<u>(</u> )	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	1	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

NO NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Continued with current plans

Other:\_\_\_\_\_

Chose not to recreate

Page 2 of 4

5. During the planning process for	or your	<sup>.</sup> visit,	how	did th	e poss	sibility	of crowds affect your trip plans?
(Please select one response)							
It did not affect my p					1		
I visited at a time of c I visited on a day of til	-	-					
I avoided places here							
Other (please specify		-					
7. Did the actions or behavior of	any ot	her g	roup a	or indi	vidual	linterf	ere with your enjoyment on this trip?
If yes, what type of group or pe	rson ir	terfe	red wi	ith yo	ur enj	oymer	nt on this trip?
Group/Person F	Reason	(s)					
	Proxi	mity		Loudn	ess	Othe	er (please specify)
Motorized boaters	Ē	]	· · · · · · · · · · · · · · · · · · ·				
No	Г	· ·					<u>_</u>
Non-motorized watercraft						1 1	
		J					
Vehicles How satisfied were you with th <i>Important: Please only circle a</i> recreation facility/reservoir. Als	numb o, plea	per fo	r the	items	<u>that</u>	you u	
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Vehicles How satisfied were you with th Important: Please only circle a recreation facility/reservoir. Als	numb o, plea	per fo	r the	items he "Di	<u>that</u> d Not	you u: Use" (	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th <i>Important:</i> Please only circle a recreation facility/reservoir. Als exist at the specific recreation fo	numt o, plea acility.	satisfied Satisfied	r the neck th	items ne "Di Dissatistied	Very Dissatisfied prover prover prover prover proven prove	<u>you u</u> Use" l S	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th <i>Important:</i> Please only circle a recreation facility/reservoir. Als exist at the specific recreation for <b>Restroom</b>	numt o, pleo acility. 1	per fo ase ch 2	r the neck th Neither 3	items ne "Di Dissatistied 4	that Not Dissatisfied	<u>you u</u> Use" l S	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th <i>Important:</i> Please only circle a recreation facility/reservoir. Als exist at the specific recreation for Restroom Picnic sites	numb o, pleo acility. 1	per fo ase ch 2 2 2	r the Beck the 3 3	items ne "Di Dissatistied 4 4	that Not 5 5 5	<u>you u</u> Use" l S	ation facility/reservoir today. <u>sed during your current visit</u> to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Other:

9. How did you obtain information to plan your current trip? (Please select all that apply)	
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> <li>Xcel website</li> <li>Travel guides and tour books</li> <li>Other websites</li> <li>Newspaper/magazine article</li> <li>Maps, brochures, pamphlets</li> <li>Visitor bureaus/centers</li> <li>Other (specify):</li> </ul>	
What is the ZIP code where you live or country if not in the United States?       Big MckmLin         ZIP code: <u>54868</u> or, country (if not the United States):	
What is your age:	
What is your gender? 🔲 Male 🔛 Female 🗌 Non-binary	
Which of these categories best indicates your race and ethnicity? Answer only for yourself.	
Please select one or more.	
🗌 American Indian/Alaskan 📋 Asian 🔀 White	
Native Hawaiian/other Pacific 🔲 Hispanic or Latino 🗍 Don't know	
Black/African-American Not Hispanic or Latino	
Black/African-American Not Hispanic or Latino Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	:
Please let us know if you have any additional comments regarding your recreation experience during your visit	:
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Please let us know if you have any additional comments regarding your recreation experience during your visit	:
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Please let us know if you have any additional comments regarding your recreation experience during your visit (contact information)	:
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8/19/22

# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and
- Carry-In Access
  Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### Trego Project:

- L Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		V
Fishing from a boat		· · · · · ·
Motorized boating		
Non-motorized boating		
Swimming		······································
Picnicking		
Wildlife Viewing		· · · · · · · · · · · · · · · · · · ·
Ice Fishing		nyanan na yaka na ya ya ku na ku n
Other (specify)		an a

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? \_\_\_

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(C): Whic	ch of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather
	Flooding or other natural hazard
	Other (please specify)

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4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

YES NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	$\begin{pmatrix} 1 \end{pmatrix}$	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline	í	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES	
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(C) If YES, what did you do?

Moved to a new locationChanged the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

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	or you	r visit,	how (	aid the	e poss	sibility	of crowds affect your trip plans?
(Please select one response)							
It did not affect my p							
I visited at a time of	-	-					
☐ I visited on a day of t			-				
Other (nlease specify	л С	igni w	che		Na	VH	1-trallwater 1st
	// <u> </u>				<b>y</b> -		
7. Did the actions or behavior of	f any ot	ther g	roup o	or indiv	vidual	l interf	ere with your enjoyment on this trip?
	)						
If yes, what type of group or pe	erson ir	nterfe	red wi	ith you	ur enje	ovmer	t on this trip?
						•	
Group/Person	Reasor	1(5)					<u></u>
	Proxi	imity		Loudn	ess	Othe	er (please specify)
Motorized boaters							
Non-motorized watercraft							
				_		_	
	Γ	٦					
Vehicles 3. How satisfied were γou with t <i>Important: Please only circle</i> of	a numl so, plec	ber foi ase <b>ch</b>	r the	items	that	you u	ntion facility/reservoir today. Sed during your current visit to this specific Spox, if you did not use the item or it does not
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Vehicles How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. All exist at the specific recreation f	a numb so, plea facility.	Satisfied	r the eck th	items ne "Dic Dissatistied 4	Very Dissatisfied	you u Use" l S	if you were dissatisfied for any reason, please explain why:
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Vehicles B. How satisfied were you with t Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f Restroom Picnic sites	a numb so, plea facility.	per foi ase ch 2 2 2 2	r the Neither 3 3	items ne "Dic Dissatistied 4	that Not 5 5 5	Use"   Use"   Diq Not Ose	if you were dissatisfied for any reason, please explain why:
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Vehicles B. How satisfied were you with the important: Please only circle of recreation facility/reservoir. All exist at the specific recreation for the specific recreati	a numb so, plea facility. 1 1 1 1 1 1 1 1 1 1 1	ber foi ase ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the leck th 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items ne "Dic 4 4 4 4 4 4 4 4 4	that Not 5 5 5 5 5 5 5 5 5 5	Use"	if you were dissatisfied for any reason, please explain why: <u>wiShes there were trush</u> car
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9. How did you obtain information to plan your current trip? (Please select all that apply)	
Federal or State website       Word of mouth         City, local, or municipal website       Social media (e.g., Facebook, T         Xcel website       Travel guides and tour books         Other websites       Newspaper/magazine article         Maps, brochures, pamphlets       Radio/TV broadcasts         Visitor bureaus/centers       Other (specify):         Previous visits       Previous visits	
What is the ZIP code where you live or country if not in the United States?         ZIP code: <u>54015</u> or, country (if not the United States):         What is your age: <u>55</u>	
What is your gender? Male Female Non-binary Which of these categories best indicates your race and ethnicity? Answer only for yourself.	-
Please select one or more.         American Indian/Alaskan       Asian         Native Hawaiian/other Pacific       Hispanic or Latino         Black/African-American       Not Hispanic or Latino	1
Please let us know if you have any additional comments regarding your recreation experience (contact information) X WOULD BE MICE TO SEE GAMAGE CANS	e during your visit:
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# Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

## Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing

Carry-In Access

- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		1999 Store State
Motorized boating		
Non-motorized boating		
Swimming		- 118 a
Picnicking		
Wildlife Viewing	· ·	
Ice Fishing		
Other (specify)		

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

🗌 YES 🖉 NO

(B): If YES: What was it? \_

Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage

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] Trego South Tailwater Access

(C): Whic	h of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough time
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather
	Flooding or other natural hazard
	Other (please specify)

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4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3 ·	4	5	and a second
At a developed campground	1	2	3	4	5	Į
At a boat-in campsite	1	2	3	4	5	and and
While fishing from the shoreline	(1)	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 YES 🖉 NO	
(C) If YES, what did you do?	
Moved to a new location	Chose not to recreate
Changed the time of day	Continued with current plans
Changed your activity	Other:
	Page 2 of 4

alul						
9/11/22_ During the planning process f						
During the planning process f	or your vis	sit, how	did the	e poss	ibility	of crowds affect your trip plans?
(Please select one response)						
It did not affect my p		• •				
I visited at a time of						
☐ I visited on a day of t ☐ I avoided places here						
					•	
	,, <u> </u>					· · · · · · · · · · · · · · · · · · ·
. Did the actions or behavior of	f any othe	r group (	or indi	vidual	l interf	ere with your enjoyment on this trip?
	)					
If yes, what type of group or pe	erson inter	rfered w	ith you	ur enje	oymer	t on this trip?
Group/Person	Reason(s)					
	Proximit	ty	Loudn	ess	Othe	er (please specify)
Motorized boaters						
			_			· · · · · · · · · · · · · · · · · · ·
Non-motorized watercraft						
Vehicles How satisfied were you with t <i>Important: Please only circle o</i>	a number so, please	for the	items	<u>that</u>	you u	s <b>ed during your current visit</b> to thi <mark>s</mark> specifi
Vehicles How satisfied were you with t <i>Important: Please only circle o</i> recreation facility/reservoir. Als	a number so, please facility.	for the <b>check</b> th	items he "Dio	<u>that</u> d Not	<b>you u</b> Use" l	s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles How satisfied were you with t <i>Important: Please only circle of</i> <i>recreation facility/reservoir. Als</i> <i>exist at the specific recreation f</i>	a number so, please facility.	for the check the Neither	items he "Diced	Very Dissatisfied prover proversion of the proventies of the provent of the proveno of the provent of the provent of the prove	Did Not Use	s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no
Vehicles How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f	a number so, please facility. Patistie facility.	for the check the second secon	items he "Dio	that Not Nery Dissatisfied	<b>you u</b> Use" l	s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f <b>Restroom</b> Picnic sites	a number so, please facility. A cut Satisfied (1) 2 1 2	for the check the second secon	items he "Diced	that d Not 5 5 5	Did Not Use	s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
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Vehicles How satisfied were you with t <i>Important:</i> Please only circle of recreation facility/reservoir. Als exist at the specific recreation f <b>Restroom</b> Picnic sites	a number so, please facility. A cut Satisfied (1) 2 1 2	for the check th	items he "Did Dissatistied 4 4	that d Not 5 5 5	Did Not Use	s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles How satisfied were you with t Important: Please only circle o recreation facility/reservoir. Als exist at the specific recreation f Restroom Picnic sites Trash receptacles	a number so, please facility. Arrivery Satisfied 1 2 1 2	for the check th	items he "Did Dissatistied 4 4	that Not S S S S	Use Did Not Use	s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles How satisfied were you with t Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f Picnic sites Trash receptacles Vehicle parking areas	a number so, please facility. Arry Satisfied 1 2 1 2 1 2 1 2	for the check th	items he "Die Dissatistied 4 4 4 4	that d Not 5 5 5 5		s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles How satisfied were you with t Important: Please only circle of recreation facility/reservoir. Als exist at the specific recreation f exist at the specific recreation f Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	a number so, please facility. Arry Satisfied 1 2 1 2 1 2 1 2 1 2	for the check th	items he "Die Dissatistied 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5	Did Not Use	s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles         How satisfied were you with t         Important: Please only circle of recreation facility/reservoir. All exist at the specific recreation f         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch	a number so, please facility.	for the check th	items he "Did Dissatistied 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5		s <u>ed during your current visit</u> to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles         How satisfied were you with t         Important: Please only circle of         recreation facility/reservoir. Als         exist at the specific recreation f         Picnic sites         Trash receptacles         Vehicle parking areas         Boat launch         Boat dock	a number so, please facility. A number facility. A number facility. A number facility. A number facility. A number facility. A number facility.	for the check th	items he "Did 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,
Vehicles         How satisfied were you with t         Important: Please only circle of recreation facility/reservoir. Also recreation facility/reservoir. Also recreation facility/reservoir. Also recreation for the specific recreating for the specific rec	a number so, please facility. A number facility. A number 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	for the check th	items he "Did Qissatistied 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specifi box, if you did not use the item or it does no If you were dissatisfied for any reason,

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Page	3	of	4
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Other:

9/11/22
9. How did you obtain information to plan your current trip? (Please select all that apply)
Federal or State website  Word of mouth
City, local, or municipal website Social media (e.g., Facebook, Twitter, etc.)
Xcel website   Travel guides and tour books
<ul> <li>Other websites</li> <li>Maps, brochures, pamphlets</li> <li>Radio/TV broadcasts</li> </ul>
Visitor bureaus/centers
Previous visits
What is the ZIP code where you live or country if not in the United States?
ZIP code: <u>54801</u> or, country (if not the United States):
What is your age: 30
What is your gender? / Male 🗌 Female 🗌 Non-binary
Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.
American Indian/Alaskan Asian White
Native Hawaiian/other Pacific Hispanic or Latino Don't know Black/African-American Not Hispanic or Latino
Please let us know if you have any additional comments regarding your recreation experience during your visit:
(contact information)
-Access to tailwater could be better (slick on Longerts - coddbe difficult for older anglers)
- Pole holders on vailings (similar to Thornapple)
- mentioned crowding is an issue if 3+ anglers
fishing @ once
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# 9/11/22

# **ON-SITE/IN-PERSON RECREATION INTERVIEW**

## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

# 1. Check the box on the location where you received this survey:

## Hayward Project:

- Trego Project:
- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

#### riego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		Variation
Fishing from a boat		······································
Motorized boating		
Non-motorized boating		
Swimming		
Picnicking		
Wildlife Viewing		· · · · · · · · · · · · · · · · · · ·
Ice Fishing		
Other (specify)		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?
  - 🗌 yes 🛛 🖉 NO
  - (B): If YES: What was it? \_

, <b>, ,</b> , ,	122
): Whic	ch of the following reasons, if any, explain why you did not engage in the activity?
	Rules or regulations did not allow for activity
	Area was temporarily closed to the public
	Not enough tíme
	Safety concerns
	Not enough information about the activity
	Too crowded
	Difficult road or trail access
	No road or trail access
	Unsatisfactory facilities or conditions of land or water (please specify)
	Resource damage due to overuse
	No facilities or services
	Bad weather
	Flooding or other natural hazard
	Other (please specify)

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4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

- (Please describe):
- 5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	(1)	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	S	and waters
At a boat-in campsite	1	2	3	4	5	
While fishing from the shoreline		2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	<u>_</u>

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

🗌 YES
-------

🗌 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

	Other:
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9/11/22 5. During the planning process	for your visit	howa	d tha a	a a la llite	of around officer your trip - low -2
		now di	a the po	ossibility	of crowds affect your trip plans?
(Please select one response)					
It did not affect my	-	twould	ho loss	croudo	4
$\square$ I visited on a day of					
I avoided places he		-			
Other (please speci					
					·····
Did the actions or behavior of	of any other gr	roup or	individ	ual inter	ere with your enjoyment on this trip?
	0				
	0				
If yes, what type of group or p	person interfe	red with	n your e	njoymer	nt on this trip?
Group/Person	Reason(s)				
	- milas (*				
	Proximity	LO	udness		er (please specify)
Motorized boaters					
Non-motorized watercraft					
/ehicles					
		•-			
How satisfied were you with Important: Please only circle					ation facility/reservoir today. sed during your current visit to this specific
recreation facility/reservoir. A	lso, please <mark>ch</mark>	eck the	"Did N	ot Use"	box, if you did not use the item or it does not
exist at the specific recreation	facility.				· · · ·
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	Ψ.		ied i	Use	
	d tis	-	4 <u>.</u> 0		
	y Satis isfied	ther	satisf v Die	Not	If you were dissatisfied for any reason,
	Very Satisfi	Neither	Dissatisfied	Did Not Use	If you were dissatisfied for any reason, please explain why:
Restroom	very Satis	w Neither	P Dissatisf		
Restroom Picnic sites	7   Very Satis     5   Satisfied				
	(1) 2	3	4 5		
Picnic sites	<ul> <li>1</li> <li>1</li> <li>2</li> <li>1</li> <li>2</li> <li>1</li> <li>2</li> </ul>	3 3	4 5 4 5		
Picnic sites Trash receptacles	$ \begin{array}{c c}                                    $	3 3 3	4 5 4 5 4 5		

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Boat dock

**Roads to facility** 

Signage to the facility

Signage within the facility

Other:

Other:

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9/11/22
9. How did you obtain information to plan your current trip? (Please select all that apply)
Previous visits         What is the ZIP code where you live or country if not in the United States?         ZIP code: 55934 or, country (if not the United States):         What is your age: 50
What is your gender? Anale Anale Non-binary Which of these categories best indicates your race and ethnicity? Answer only for yourself.
Please select one or more.
<ul> <li>American Indian/Alaskan</li> <li>Asian</li> <li>White</li> <li>Native Hawaiian/other Pacific</li> <li>Hispanic or Latino</li> <li>Don't know</li> <li>Black/African-American</li> <li>Not Hispanic or Latino</li> </ul>
Please let us know if you have any additional comments regarding your recreation experience during your visit: (contact information) - COMMENTED ON CLEANLINESS OF ANEA (NO GANAUGE) DRICLEY MOWED (MAUNTRINED

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## **ON-SITE/IN-PERSON RECREATION INTERVIEW**

## Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

# **NPS Recreation Survey Questionnaire**

Northern States Power Company – Wisconsin (NSPW or Applicant), d/b/a Xcel Energy, is in the process of applying for subsequent 40 to 50-year licenses from the Federal Energy Regulatory Commission (FERC) to continue to operate and maintain the existing Hayward and Trego Hydroelectric Projects (Project or Projects). The Projects are owned, operated, and maintained by NSPW. To obtain a license for the Projects, NSPW must submit a final license application to FERC no later than November 30, 2023. As part of the relicensing process, NSPW is conducting several environmental studies which will enable FERC to prepare an environmental report. The purpose of this survey is to collect information about recreational use and visitors' experiences at public recreation facilities around the Hayward and Trego Project reservoirs so that we may better assess existing and future recreational.

### 1. Check the box on the location where you received this survey:

## Hayward Project:

Trego Projec

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

# Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCΤΙVΙΤΥ	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that apply)	(B) PRIMARY ACTIVITY {Check <u>only</u> one)		
Shoreline/tailwater fishing	<i>L</i>	lumman		
Fishing from a boat		Anne ann an Anna Anna Anna Anna Anna Ann		
Motorized boating				
Non-motorized boating				
Swimming	······································	· · · · · · · · · · · · · · · · · · ·		
Picnicking				
Wildlife Viewing		,		
Ice Fishing				
Other (specify)		and a standard balance		

- 3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it? \_\_\_\_

Page 1 of 4

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

	Rules or	<sup>r</sup> egulations	did no	ot allow	for activity	/
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Area was temporarily closed to the public

Not enough time	
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Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)\_

Resource damage due to overuse

No facilities or services

- Bad weather
- Flooding or other natural hazard
- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

🗌 YES 🔤 🔽 NO

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

(Please describe):

5. (A) How crowded did you feel while recreating at these locations today at this recreation facility/reservoir? [Select one number for each or indicate it was not applicable to your visit.]

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	$\binom{1}{1}$	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	,@~
At a boat-in campsite	1	2	3	4	5	_ <u></u>
While fishing from the shoreline	(1)	2	3	4	5	
While boating/fishing from a boat	1	2	3	4	5	and an an

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

(C) If YES, what did you do?

Moved to a new locationChanged the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

Page 2 of 4

. During the planning process for	or your	visit,	how	did th	e poss	sibility	of crowds affect your trip plans?
(Please select one response)							
It did not affect my p							
$\swarrow$ I visited on a day of t	-						
I avoided places here							
_							
Did the actions or behavior of	any oth	ner gr	roup (	or indi	vidual	interf	ere with your enjoyment on this trip?
If yes, what type of group or pe	erson int	terfei	red wi	ith yoı	ur enje	oymen	it on this trip?
Group/Person	Reason(	(s)					
_	Proxim	nity		Loudn	ess	Othe	er (please specify)
Motorized boaters							
Non-motorized watercraft							
recreation facility/reservoir. Als	i numbe so, pleas	er for	r the	items	<u>that</u>	you u	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
Vehicles . How satisfied were you with th <i>Important: Please only circle a</i>	a numbe so, pleas acility.	er foi se <b>ch</b>	r the <b>eck</b> th	items ne "Dia	<u>that</u> d Not	<u>vou u</u> Use" l P	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th <i>Important: Please only circle a</i> recreation facility/reservoir. Als exist at the specific recreation fa	numbe so, pleas acility.	er foi se ch	r the eck th	Items Dissatisfied	Very Dissatisfied prover p	you us Use" l	<b>sed during your current visit</b> to this specific box, if you did not use the item or it does not
Vehicles How satisfied were you with the <i>Important:</i> Please only circle a recreation facility/reservoir. Als exist at the specific recreation for the specific recreation	numbe co, pleas acility.	er for se ch	r the eck th 3	items ne "Dia Dissatistied 4	A Not Dissatisfied 2	<u>vou u</u> Use" l P	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with the Important: Please only circle a recreation facility/reservoir. Als exist at the specific recreation for Restroom Picnic sites	numbe co, pleas acility.	er foi se ch	r the eck the 3 3	items ne "Dia Dissatistied 4 4	that Not S S S S	<u>vou u</u> Use" l P	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th Important: Please only circle a recreation facility/reservoir. Als exist at the specific recreation factor Restroom Picnic sites Trash receptacles	a numbe so, pleas acility.	er for se ch 2 2 2 2	r the eck the 3 3 3	items ne "Dia Dissatistied 4	that d Not 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th Important: Please only circle a recreation facility/reservoir. Als exist at the specific recreation facility Restroom Picnic sites Trash receptacles Vehicle parking areas	numbe co, pleas acility.	er foi se ch	r the eck the 3 3	items ne "Dia Dissatistied 4 4	that Not S S S S	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th <i>Important: Please only circle a</i> recreation facility/reservoir. Als exist at the specific recreation facility Restroom Picnic sites Trash receptacles	numbe so, pleas acility.	cr for se ch 2 2 2 2 2 2 2 2 2 2 2	r the eck th 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4	that Not 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th Important: Please only circle a recreation facility/reservoir. Als exist at the specific recreation facility Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area	numbe so, pleas acility.	er for se ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th 3 3 3 3 3	items ne "Dia Dissertistied 4 4 4 4 4 4	that Not Neth Dissatisfied	Use" I	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th Important: Please only circle a recreation facility/reservoir. Als exist at the specific recreation facility Restroom Picnic sites Trash receptacles Vehicle parking areas Boat launch parking area Boat launch	numbe so, pleas acility. 1 1 1 1 1 1 1	er for se ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck th Jeither 3 3 3 3 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5	Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th Important: Please only circle a recreation facility/reservoir. Als exist at the specific recreation facility. Als exist at the s	numbe so, pleas acility. 1 1 1 1 1 1 1 1	er for se ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck the 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	items ne "Dia Dissatistied 4 4 4 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5 5		sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
Vehicles How satisfied were you with th Important: Please only circle a recreation facility/reservoir. Als exist at the specific recreation facility. A	numbe so, pleas acility. 1 1 1 1 1 1 1	er for se ch 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	r the eck the 3 3 3 3 3 3 3 3 3 3 3	items ne "Dia Dissertistied 4 4 4 4 4 4 4 4	that d Not 5 5 5 5 5 5 5 5 5 5 5 5 5	Use Use Did Not Use	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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Other:

9. How did you obtain information to plan your curren	t trip? (Please select all that apply)
<ul> <li>Federal or State website</li> <li>City, local, or municipal website</li> </ul>	<ul> <li>Word of mouth</li> <li>Social media (e.g., Facebook, Twitter, etc.)</li> </ul>
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
Maps, brochures, pamphlets	Radio/TV broadcasts
Visitor bureaus/centers	Tother (specify): Cabin Nearby
Previous visits	
What is the ZIP code where you live or country if not in th	e United States?
ZIP code: $54669$ or, country (if not the Uni	
What is your age: <u>5</u>	
What is your gender? Male Female	Non-binary
Which of these categories best indicates your race and et	hnicity? Answer only for yourself.
Please select one or more.	· · · ·
🗌 American Indian/Alaskan 🗌 Asian	White
Native Hawaiian/other Pacific Hispar	nic or Latino 🛛 Don't know
Black/African-American Not Hi	spanic or Latino
<u> </u>	
Please let us know if you have any additional comments r (contact information)	egarding your recreation experience during your visit:
- appreciates how well h	naintained mowed the
SHO IS	
- sometimes notices tra	sh ( cleans it up but
would appreciate +	Tash receptudles)
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#### ON-SITE/IN-PERSON RECREATION INTERVIEW

#### Hayward & Trego Hydroelectric Projects (FERC Nos. 2417 and 2711)

## **NPS Recreation Survey Questionnaire**

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1. Check the box on the location where you received this survey:

#### Hayward Project:

- Hayward Canoe Portage Take-out and Carry-In Access
- Hayward Canoe Portage Trail and Put-in
- Informal Tailwater Bank Fishing Access
- City of Hayward Boat Landing
- City of Hayward Beach/Fishing Pier
- Bartz's Bay Informal Ice Fishing Access

### Trego Project:

- Town of Trego Park Boat Landing
- Town of Trego Boat Landing
- Trego North Tailwater Access/Canoe Portage
- Trego South Tailwater Access
- 2. Below is a list of activities available. Please indicate:
  - (A) Which of these activities have you <u>participated</u> in <u>on your current visit</u> to the area.
  - (B) Which ONE of these activities is your PRIMARY ACTIVITY on this trip to the area?

ΑCTIVITY	(A) Participated in <u>ON THIS TRIP</u> (Check <u>all</u> that applγ)	(B) PRIMARY ACTIVITY (Check <u>only</u> one)
Shoreline/tailwater fishing		
Fishing from a boat		
Motorized boating		······································
Non-motorized boating		
Swimming		
Picnicking		······································
Wildlife Viewing		
Ice Fishing		· · ·
Other (specify)		<u> </u>

3. (A): Were there any activities that you and your group wanted to do on this visit to (AREA) that you were not able to?

(B): If YES: What was it?

YES

Page 1 of 4

(C): Which of the following reasons, if any, explain why you did not engage in the activity?

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I Rules of regulations did not allow for activit		Rules or regulations did not allow for activity
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Area was temporarily closed to the public

Not enough time	)
-----------------	---

Safety concerns

Not enough information about the activity

Too crowded

Difficult road or trail access

No road or trail access

Unsatisfactory facilities or conditions of land or water (please specify)

Resource damage due to overuse

No facilities or services

Bad weather

Flooding or other natural hazard

- Other (please specify)
- 4. Does anyone in your personal group have a physical condition or personal limitation that made it difficult to access or participate in [site] activities or services?

If YES, on this visit what activities or services did the person(s) have difficulty accessing or participating in?

LOCATION / AREA	Not at all crowded	Slightly crowded	Moderately crowded	Very crowded	Extremely crowded	Not applicable
In parking areas	$\left(1\right)$	2	3	4	5	
On the trails	1	2	3	4	5	
At a developed campground	1	2	3	4	5	
At a boat-in campsite	1	2	3	4	5	1
While fishing from the shoreline	1	2	3	4	5	4
While boating/fishing from a boat	Å	2	3	4	5	

(B) If you felt crowded, did you modify your recreation plans because you felt crowded?

YES

🗌 NO

(C) If YES, what did you do?

Moved to a new location

Changed the time of day

Changed your activity

Chose not to recreate

Continued with current plans

Other:\_\_\_\_\_

Page 2 of 4

6. During the planning process	for you	r visit,	how	did the	e pos	sibility	of crowds affect your trip plans?
(Please select one response)							
I visited at a time of	day I th	lough	t wou	ld be l	ess cr	owdeo	ł
I visited on a day of	the we	ek i th	ought	t would	d be l	ess cro	wded
l avoided places her						-	
Other (please speci	fy)						
7. Did the actions or behavior o		ther g	roup (	or indi	vidua	interf	ere with your enjoyment on this trip?
_ /_							
If yes, what type of group or p	erson iı	nterfe	red w	ith you	ur enj	oymer	nt on this trip?
Group/Person	Reasor	n(s)					
	Proxi	mity		Loudn	ess	Oth	er (please specify)
Motorized boaters	. C	]					
Non-motorized watercraft	Г	٦.				_	
		-					
Vehicles		]					
Vehicles 8. How satisfied were you with <i>Important: Please only circle</i>	a numi Iso, pleo facility.	ber fo ase <b>ch</b>	r the	items	<u>that</u> d Not	you u	ation facility/reservoir today. sed during your current visit to this specific box, if you did not use the item or it does not
Vehicles 8. How satisfied were you with <i>Important</i> : Please only circle recreation facility/reservoir. A	a numl Iso, plec	ber fo ase <b>ch</b>	r the	items	<u>that</u>	you u	sed during your current visit to this specific
Vehicles 8. How satisfied were you with <i>Important: Please only circle</i> <i>recreation facility/reservoir. A</i>	a numl Iso, pleo facility.	ber fo ase <b>ch</b>	r the neck tl	items he "Dia	<u>that</u> Not	<u>you u</u> Use" l S	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,
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Vehicles 8. How satisfied were you with Important: Please only circle recreation facility/reservoir. A exist at the specific recreation Restroom Picnic sites	a numi iso, plea facility. VerX Satistied 1 1	per fo ase ch 2 2 2 2	r the neck th 3 3	items he "Dis Dissatistied 4 4	that Not Very Dissatisfied	Diq Not Ose	sed during your current visit to this specific box, if you did not use the item or it does not If you were dissatisfied for any reason,

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**Boat launch Boat dock** Other: (1) (1) (1) (1) **Roads to facility** Signage to the facility S Signage within the facility Other: 

9. How did you obtain information to plan your cur	rent trip? (Please select all that apply)
Federal or State website	Word of mouth
City, local, or municipal website	Social media (e.g., Facebook, Twitter, etc.)
Xcel website	Travel guides and tour books
Other websites	Newspaper/magazine article
	Radio/TV broadcasts
Maps, brochures, pamphlets	Other (specify):
Visitor bureaus/centers	
Previous visits	
•	
What is the ZIP code where you live or country if not in	
ZIP code: <u>54888</u> or, country (if not the	United States):
What is your age: <u>73</u>	
What is your gender? Male Female	Non-binary
Which of these categories best indicates your race and	ethnicity? Answer only for yourself.
Please select one or more.	
🗌 American Indian/Alaskan 🗌 Asi	an White
🔲 Native Hawaiian/other Pacific 🛛 🗌 His	panic or Latino 🛛 🔲 Don't know
Black/African-American No	t Hispanic or Latino
	ts regarding your recreation experience during your visit:
Please let us know if you have any additional commen (contact information)	ts regarding your recreation experience during your visit:
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Appendix 6 Spot Count Raw Datasheets

Hayward Project P				Time	0700			
urvey Person:	Marty Sneen 10.F@'0700	Weather	Overcost	Wind Speed		NW Briph		st primary activity by placing and "S" for secondary activitie
					ecreation Ac			
		Number of People	Shoreline Fishing Boat Fishing	Swimming Hiking/Walking/Jogging Bioveling	cnicking.	lird Watching Wildlife Viewing	von-Fowered boaring	ATV/Snowmobile Other (specity) <i>工と 斤SMM</i>
anoe Portage Tra formal Tailwater ayward City Boat ayward City Beac	Bank Fishing Area							<ul> <li></li> <li><!--</td--></li></ul>
XX J								
XX J	nts: snow, cold + windy, n rased from 0700-e y Beach/Pier road ch hines obs crossing h ayward Boat Lawnch n	-2in accu s800, 1 losed w, losed w, los	investion OF to 7 I locked racks indi fishing,	F, clouds gate + c cate beas temp 2F	Cleari inplowe t ramp @ 100	ing Qob d, foot e is an a 3	D; 4F .ccess o .ccess f	@ 1000 nly point

	Recr	eation (	Observ	ation (S	Spot Cou	int) For	m 🧠		de Ste					
Date: 1/27/2022						Time:	1150	þ						
Hayward Project P-2417										Falgers av				kterine sindre s
Survey Person: M. Renik	· · · · · · · · · · · · · · · · · · ·						<i>[</i>							vity by placing a "P" in
Temperature: 20°F	Weather:	Parti	<u>Y Clou</u>	dy	Wind S	peed:			NW		the box.	Use and "	'S" for sec	ondary activities.
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Recreation Site		Shoreline Fishing	Boat Fishing	Swimming	Hiking/Walking/	Bicycling	Picnicking	Bird Watching	Wildlife Viewing	Non-Powered Boating	Power Boating	ATV/Snowmobile	Other	
Canoe Portage Take-Out & Carry-In Reservoir Access	&	Concept of		10, 70, 80, <b>9</b> , 80, <b>9</b> , 80, 80, 80, 80, 80, 80, 80, 80, 80, 80	and the second sec		and a second	1947723 <b>-64</b> 2	er son an					1719
Canoe Portage Trail and Put-In	R													1615
Informal Tailwater Bank Fishing Area	X						·							1515
Hayward City Boat Landing	Q		•											1413
Hayward City Beach/Barrier-Free Fishing Pier	R							. 1						1313
Bartz's Bay Informal Ice Fishing Access (Jan & Feb only)	1												t	1156
Additional Comments:														
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* as Day want on. Clouds assolected mostly	Sunnu aqu	U come												₩. J
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erection Cit-			Shoreline Fishing	Boat Fishing	Swimming	Hiking/Walking/Jõgging	Bicycling	Picnicking	Bird Watching	Mildlife Viewing	Von-Powered Boating	Power Boating	ATV/Snowmobile	Other (specify)	
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and the second	- Shaw dr wind increased														
and the second	- Shaw driwind increased												****		
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Hayward Project P-2417							an a				Capital Cara	390 S		
Survey Person: M. SALEN											Note: Pleas	e list prin	nary activ	ty by placing a "P" in
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Hayward Project P-2417 Survey Person: <u>へ</u> . & e Temperature: <u>34</u> °产	nik Feels Like 280F	Weather:	At C	Joud	<u></u>	Wind Sr			7 <b>00</b> 1000			Note: Plea	se list nr	imary acti	vity by placing a "P"
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Survey Person: Joshna Arhac	TRE									,	Note: Plea:	se list prir	mary activ	vity by placing a "P" in
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Recreation Site	Number of People	Shoreline Fishing	Boat Fishing	Swimming	Hiking/Walking/Jogging	Bicycling	Picnicking	Bird Watching	Wildlife Viewing	Non-Powered Boating		ATV/Snowmobile	Other (specify)	Notes
Canoe Portage Take-Out & Carry-In Reservoir Access		1999 No	Sec.	Second Second	A Monte of			<u>аран</u> у -	<u> &gt;-</u>		++			10:23Am
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Informal Tailwater Bank Fishing Area	Ŏ	'	<b> </b>			()	<b>├</b> ── <b>┤</b>	$ \longrightarrow $	<b>!</b>	′	+			8:0.5 Am
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Bartz's Bay Informal Ice Fishing Access (Jan & Feb only)		† • • •		i;	( <u> </u>	(,		+	,					
Additional Comments:														

3 cavs come in and Left no Exiting Hoymeth path. Atemped to interview 2 joggers they declined haynord path

Date: 6 - 12 - 2002						Time:	l K	27 3	57 -	6	109			
Hayward Project P-2417				19 14										
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	Recreation	n Obser	vation	(Spot Co	ount) Fo	orm			14-53						
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Trego Project P-2711										S					
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Town of Trego Boat Landing	18													14/40	
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Trego Project P-2711       Note: Please list primary activity by placing a "P" in the box. Use and "S" for secondary activities.         Temperature:       The control of		Recreation	n Observ	/ation (	Spot Co										
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## Appendix 7

## **Completed Future Potential Use Recreation Questionnaire**

### Hayward and Trego Hydroelectric Projects – FERC Project Nos. 2417 and 2711

### Namekagon River – Sawyer and Washburn County, Wisconsin

## **Future and Potential Recreation Questionnaire**

### Response: National Park Service, St. Croix National Scenic Riverway

#### Date: August 18, 2022

2. Is your organization responsible for or interested in recreation sites, amenities, formal access sites, or planning for recreation sites within the project vicinity as described above?

## Yes

2a. Please describe your primary function pertaining to recreation and list any recreation sites or access sites (formal or informal) in the project vicinity you are responsible for or have interest in the space provided below:

- The Namekagon River is protected as a unit of the wild and scenic rivers system and the national park system. It is managed by St. Croix National Scenic Riverway for the preservation and protection of the aquatic, cultural, recreational, scenic-aesthetic, water quality, and free-flowing condition values. While the NPS does not own each river landing in the project vicinities or on the Namekagon River, we have an interest in providing safe, high-quality recreational opportunties to the public as part of the NPS experience.
- The location labeled "NPS Namekagon River Access N" (NPS lands) and the location labeled "NPS Namekagon River Access S" (DOT lands) on the provided map are no longer public river access locations. Both were removed due to the Trego Interchange project and the removal of the Lakeside Road Bridge. The removal of these two access points has impacted the number and location of recreational access points within the project vicinity and on the Namekagon River.
- The NPS owns and manages County K landing downstream of the Trego Dam.
- The NPS Namekagon River Visitor Center is in Trego, WI, adjacent to the Namekagon River. Access to the Namekagon River from the visitor center was effectively eliminated with the removal of location labeled "NPS Namekagon River Access S" (DOT lands). The NPS has interest in pursuing a river access point to the east of the Namekagon River Visitor Center, near the Highway 63 Bridge east of the visitor center.
- Earl Landing is outside of the identified project area; however, it provides public access to the Namekagon River above Trego Dam. With the removal of the locations labeled "NPS Namekagon River Access N" (NPS lands) and the location labeled "NPS Namekagon River Access S" (DOT lands), this remains one of the few public access points in this area.

2b. Please list all recreation amenities available at each recreation site or access site you manage or have an interest in (e.g. docks, restrooms, parking areas, interpretive signage, picnic tables, trails, etc.) below.

• The location labeled "NPS Namekagon River Access N" (NPS lands) and the location labeled "NPS Namekagon River Access S" (DOT lands) on the provided map are no longer a public river access locations. Both were removed due to the Trego Interchange project and the removal of the

Lakeside Road Bridge. No facilities remain; however, both included river access via steps and a gravel parking area with limited signage.

- County K Landing gravel river access, picnic table, interpretive and informational signage, paved parking lot, vault toilet
- Earl Landing gravel parking area, concrete boat ramp, vault toilet, primitive camping, potable water, picnic tables

2c. Please provide the location of each site listed above using the enclosed map, street address, or GPS location.

2d. Have any of the sites or amenities listed in 2a or 2b exceeded capacity or not had sufficient parking?

Yes

- The location labeled "NPS Namekagon River Access N" (NPS lands) and the location labeled "NPS Namekagon River Access S" (DOT lands) on the provided map are no longer a public river access locations. Both were removed due to the Trego Interchange project and the removal of the Lakeside Road Bridge. No facilities remain.
- Earl Landing exceeds parking capacity often throughout the year.

2e. Do you have any planned improvements for the recreation sites listed in 2a and amenities listed in 2b or any plans for new recreation sites?

Yes

- The Namekagon River Visitor Center is in Trego, WI, adjacent to the Namekagon River. Access to the Namekagon River from the Visitor Center was effectively eliminated with the removal of location labeled "NPS Namekagon River Access S" (DOT lands). The NPS has interest in pursuing a river access point to the east of the Namekagon River Visitor Center, near the Highway 63 Bridge east of the Visitor Center.
- Earl Landing design process to begin in FY24.
- Public sentiment implies that additional river access points are necessary in this area.

2f. Do you believe additional recreation sites/amenities are needed, or any enhancements are needed at existing recreation sites, within the project vicinity?

- The locations labeled "NPS Namekagon River Access N" (NPS lands) and "NPS Namekagon River Access S" (DOT lands) have both been removed and have left a gap in publicly available river access points at this section of the Namekagon River.
- The NPS has interest in pursuing a river access point to the east of the Namekagon River Visitor Center, near the Highway 63 Bridge east of the Visitor Center.
- Earl Landing design process to begin in FY24.

[Xcel survey transferred to this format for ease of communication. Survey questions in blue, TLD comments in black. August 2022]

At the August 13, 2022 Trego Lake District Board meeting there was a motion, second and unanimous vote to adopt the questionnaire responses below and submit to Xcel Energy.

## Hayward and Trego Hydroelectric Projects – FERC Project Nos. 2417 & 2711 Namekagon River – Sawyer and Washburn County, Wisconsin Future and Potential Recreation Questionnaire

- Information about person completing the questionnaire Name and Title – Trego Lake District Board of Directors Organization – Trego Lake District Address: P.O. Box 184, Trego, WI 54888 Phone: 612-803-8765, Board Chair Charlie Petersen Email address: TLD@trego.net
- 2. Is your organization responsible for or interested in recreation sites, amenities, formal access sites, or planning for recreation sites within the Project vicinity as defined above?

Yes

a. Please describe your primary function pertaining to recreation and list any recreation sites or access sites (formal or informal) in the Project vicinity you are responsible for or have interest in the space provided below:

The Trego Lake District (TLD) is a Wisconsin specialized unit of government created to manage Trego Lake with a legal responsibility to support and encourage the preservation of the natural beauty, peacefulness, safety, and recreational value of the shoreline and waters of Trego Lake, and to coordinate with the various public and private organizations in these efforts. TLD consists of the water and shoreline between the Trego dam and Highway 53 bridge. It is guided and operated by those living in or owning district property.

Key TLD activities include: measuring water quality, working with the Wisconsin Department of Natural Resources (WDNR) to protect the fishery, maintaining navigation channels by spot-dredging specific areas of the lake to reduce sedimentation buildup, marking navigation channels with buoys, and developing and execute a plan to control the spread of aquatic invasive species(AIS) in the lake.

Recreational activities on Trego Lake, including boating, swimming, and fishing, are all impacted by sedimentation buildup and AIS. Besides those coming to Trego Lake through public access points, it has approximately 275 riparian landowners who all have access to the lake from their property. Of these landowners, 45% have direct recreation issues created by sedimentation buildup and/or the extensive growth of aquatic invasive plant species (AIS) and other aquatic plants.

In conjunction with the Town of Trego, TLD operates and maintains the Trego Landing.

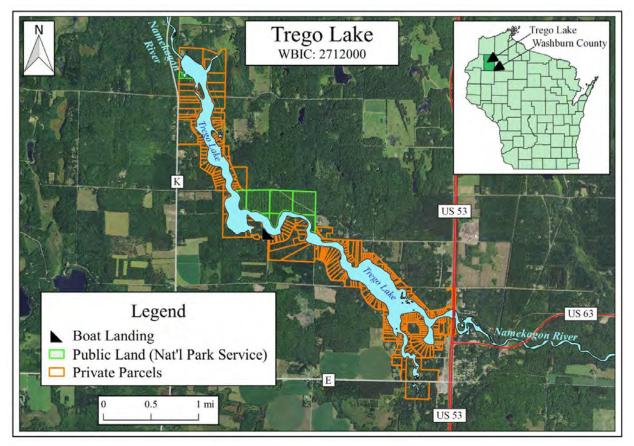
Additionally, a private resort and campground is situated on Trego Lake – Bay Park Resort and Campground, N 8347 Bay Park Rd., Trego, WI 54888; email – baypark@bayparkresport.com

b. Please list all recreation amenities at each recreation site or access site you manage or have an interest in (docks, restrooms, parking areas, interpretive signage, picnic tabled, trails, etc.)

Trego Lake provides the public with an array of recreation options if they can access them – docks, power boats, canoes and kayaks, swimming, fishing, and other opportunities. TLD has worked hard over the past 30+ years to try and give each recreator full access to the lake. At the Trego Landing, a dock, cement boat landing, parking area, and informational signage are managed between the Town of Trego and TLD.

Bay Park Resort and Campground offers the following amenities: public boat/pontoon rental on the lake; 5 lakefront cabins, 92 Seasonal Campsites, 1 overnight campsite, Swimming Pool, Beach, Lodge/Store, Ice, Bait, Tackle, Fishing/hunting licenses, Bathroom/Shower house and canoe/Kayak rental on Trego Lake.

c. Please provide the location of each site listed above using an enclosed map, street address, or GPS location:



Information on TLD individual riparian landowners (private parcels) can be found at: <u>https://washburncowi.wgxtreme.com</u>

Appendix A<sup>1</sup> (attached) shows the Areas on Trego Lake significantly impacted by AIS and sedimentation.

d. Have any of the sites or amenities listed in 2a and 2b exceed capacity or not had sufficient parking?

No

e. Do you have any planned improvements for the recreation sites listed in 2a and amenities listed in 2b or any plans for development or new recreation sites?

## Yes

AlS and other aquatic plants – since the mid-90s, under FERC order, Northern States Power (NSP), now a subsidiary of Xcel Energy (Xcel), has provided funds for a once-a-year harvest of aquatic plants in the large basin of Trego Lake to open navigation channels and pay for buoys to mark those channels. The initial agreement had been for two harvests per year, but after the first year, NSP would only pay for a single harvest. As part of the 90s agreement, TLD has obtained the appropriate Wisconsin Department of Natural Resources (WDNR) permits, contacted and worked with a harvesting company to do the work, and made sure the channels are correctly marked, and managed the harvesting. TLD plans to continue this effort.

Additionally, in 2023, TLD plans to expand the harvesting to include AIS growth in the large basin, the mouth of Potato Creek, and additional areas in Trego Lake where AIS are present. Appendix A (see attached) is from our Aquatic Plant Management Plan and identifies the areas of significant harvest anticipated in 2023. This additional harvesting is funded through an additional tax on the TLD members.

The growth of AIS is not limited to one area of the lake. Studies show AIS affects the entire lake. AIS is growing in areas west of the map in Appendix A. Some of this area have the potential to be harvested in 2023 with a concern that more areas, based on AIS growth, may need to be added in future years. (See Appendix B<sup>2</sup> attached) On the southeast end of the lake, boaters cannot access their docks because of plant growth and/or sedimentation. Aquatic plant growth is increasing and needs to be dealt with it as a whole process, not just a spot plan.

Each year, riparian landowners spend countless hours pulling aquatic plants (many are AIS) from around their dock and allowed shoreline areas.

**Sedimentation** – TLD has a long history of addressing the sedimentation in Trego Lake. It was sedimentation that led to the aquatic plant harvesting noted above. A chronology of activities by TLD on sedimentation and aquatic plants can be found at: <u>https://drive.google.com/file/d/li-E9Gj-Q5bteZPh1WpFcpAjuBiF2Jupt/view</u>

<sup>&</sup>lt;sup>1</sup> Trego Lake – Washburn County 2022-26 AQUATIC PLANT MANAGEMENT PLAN; WDNR WBIC: 2712000; Prepared by: Dave Blumer, Lake Educator/Manager & Megan Mader, Aquatic Biologist/Lake Management Assistant; LAKE EDUCATION AND PLANNING SERVICES(LEAPS), LLC PO BOX 26 CAMERON, WISCONSIN 54822

In 2020, TLD purchased a mini suction dredge to "spot-dredge" specific WDNR permitted areas in Trego Lake to allow for recreational boat travel. In both 2021 and 2022, TLD dredged areas in the lake to allow boaters to access the full recreational value of Trego Lake. It is anticipated this will be an ongoing activity. The major areas for current and future dredging are identified in Appendix A attached – the dotted lined white circles.

## *f.* Do you believe additional recreation sites/amenities are needed, or any enhancements are needed at existing recreation sites, withing the Project vicinity?

## Yes

In a late 1980s WDNR study, it was determined that approximately 2000 cubic yards of sediment collect in Trego Lake annually. Most of it settles on the east end of the lake between the Highway 53 bridge and Potato Creek. In the last 15 years, three high water events (at least) have moved significant sediment further into the lake in the large basin area. As the sediment increases, it shallows the lake allowing more sunlight to penetrate to the bottom of the lake, thereby creating the environment for aquatic plants to grow. For TLD, the issues of aquatic plant growth, aquatic invasive species, and sedimentation are tightly interrelated.

Efforts must be made to address the sedimentation and AIS issues – coordinated efforts between the parties involved. The actions in the past have been minimal band-aids addressing the symptoms, not the real issue of sedimentation coming into the lake. A study needs to be done to identify where the cause of sediment is originating. Then efforts must be taken to reduce the sediment coming from these sources into Trego Lake. Additionally, sediment already in the lake needs to be removed so people using the lake for recreational purposes can do so to its full potential.

Likewise, the growth of aquatic plants, especially AIS, must be managed. The relation between Xcel and TLD to harvest navigation channels needs to be maintained and expanded. The 2022 to 2026 Aquatic Plant Management Plan developed by TLD is the start to address the spread of AIS on Trego Lake, but "point-intercept-surveys need to be done on a regular basis to keep up with where AIS is growing, and steps then need to be taken to address these growth areas.

## g. Please indicate if there is a specific representative you wish to designate as a follow-up contact to be used by Xcel Energy or their representative.

## Representative contact information:

Name: Charlie Petersen, TLD Board Chair Address: 5504 12<sup>th</sup> Ave South, Minneapolis, MN 55417 Phone: 612-803-8765 Email: cjpetersen@msn.com

Additional Information or Comments:

More information on TLD , its history, and Trego Lake, in general, can be found at our website: <u>https://tregolakedistrict.com</u>

As noted earlier, TLD membership consists of the riparian landowners and residents on Trego Lake. Of those who enjoy recreating on the lake, more than 75% are TLD members. It is important to get all perspectives of those using the lake and applaud this effort, but this survey is designed for respondents who come to Trego Lake, not those who live on and have direct access to the lake.

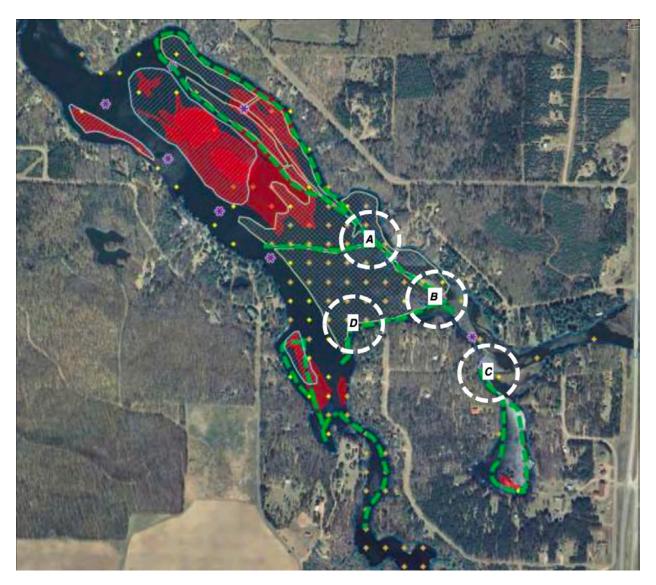
We have tried to honor the survey process and format but have also tried to tell our story. TLD has been working for 37 years to make Trego Lake an enjoyable recreational experience for the people who use the lake. Sedimentation and invasive aquatic species are the major challenges to that experience. They must be addressed during the dam relicensing process, and remediation efforts should be outlined and funded.

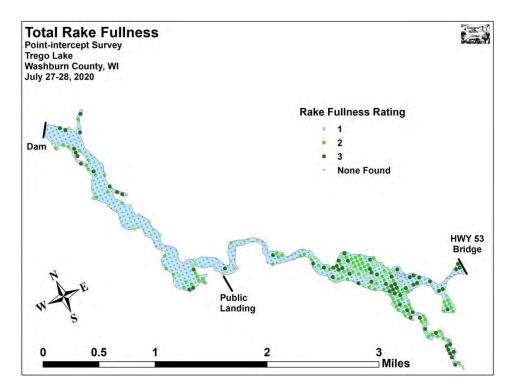
With the current reconstruction of the Highway 53 and 63 interchange, canoers, kayakers, and some tube floaters have lost a valuable public landing site on the Namekagon River across Highway 63 at the National Park Service building in Trego. Outfitters have landing sites further down the river, but scout troops, other youth and adult groups, and other parties not using the outfitters have no suitable landing site in the area. Trego Town Park has a site, but it has filled in with sediment, and aquatic plants (including some AIS) have grown up and choked off the area. There is not another landing site (other than private property) for the recreators to land (or put-in) until the Trego dam landing at the west end of Trego Lake. The removed landing site and the Trego Town Park landing site are in the current project boundary but have been excluded from the new Trego Project boundary proposed by Xcel. Having a suitable take-out/put-in location on the Namekagon River east of the Highway 53 bridge is needed.

# **APPENDIX A** – Areas on Trego Lake Significantly Impacted by AIS and Sedimentation

2022-26 Trego Lake – East Basin and Potato Creek Inlet Plant Management Plan (LEAPS, 2021)

Purple Stars – 2021 Location of channel marker buoys Orange Crosses and Yellow Squares – 2011 and 2021 summer PI points with wild rice Light Green Polygons – 2021 Wild rice bedmapping (east basin only) (≈47.0 acres) Dark Red Polygons – 2020 CLP beds (≈32.0 acres) Bright Red Polygons – 2020 EWM beds (≈6.0 acres) Dashed Green Line – Approximately 3.3 miles of 30-ft wide navigation and access lanes (≈12.0 acres) Light Blue Polygons – Proposed harvesting areas (≈23.0 acres) Dashed White Circles – Possible sediment dredging areas

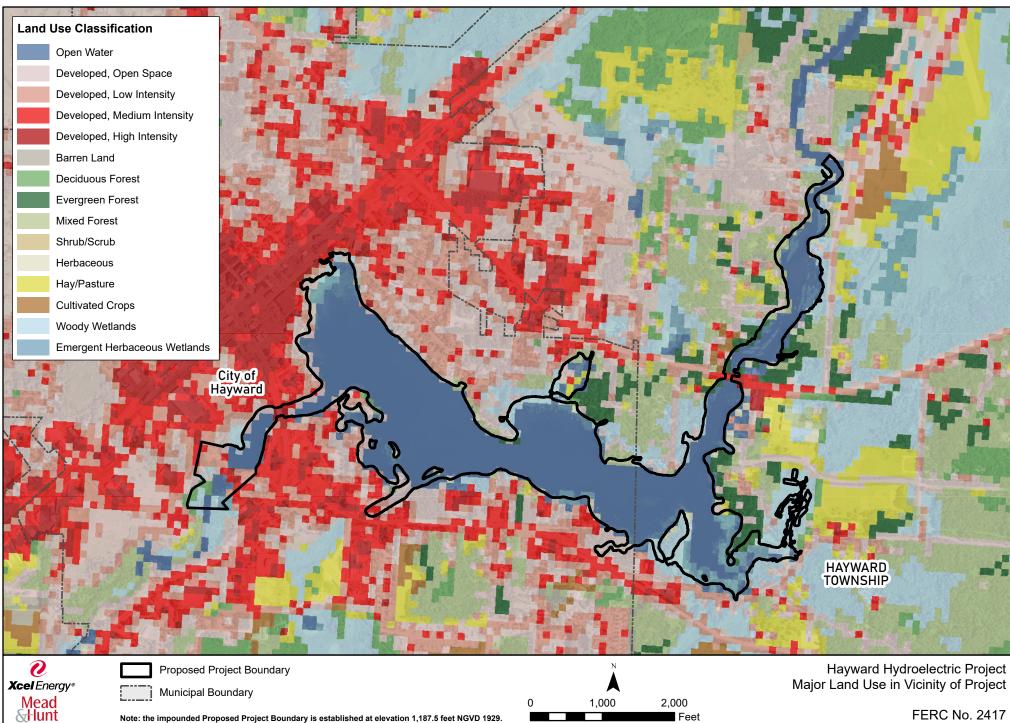




Appendix B – Aquatic plant growth density on Trego Lake

AIS has been reported in more aquatic plant growth areas just east of "the narrows," in the large bay west of the public landing, and shallower areas closer to the dam.

APPENDIX E-30 Land Use in the Hayward Project Vicinity



Source Layer: National Land Cover Database 2019, WI 2022 NAIP (natural color, 0.6-meter resolution)