

1 Q. C-41; Volume II, Tab 17: Inspect Fuel Storage Tanks – Various Sites, page 4, Hydro
2 states: ***“The American Petroleum Institute (API) recommends that above ground***
3 ***fuel storage tanks undergo an internal inspection every ten years after its initial***
4 ***service date.”*** Hydro also states: ***“This project will ensure that the tanks are***
5 ***inspected in accordance with the requirements identified in the API 653 standard.”***

6 Please provide an explanation of the Fuel Storage Tank Inspection Plan located in
7 Appendix B page B2 and explain how this supports a 10 year inspection plan.
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10 A. Hydro’s fuel storage tank inspection plan uses the API 653 standard as a guide to
11 establish a schedule for tank inspections. Historically, Hydro has not strictly
12 followed this standard, and the intent is to move to full compliance with this
13 standard over time. In prioritizing tank inspections, consideration is given to the
14 age of the tank, whether the tank has ever been inspected, the volume of fuel
15 stored, and the tank condition. Completing all tanks in a single location or area is
16 also a consideration, to improve logistics for executing the work and to minimize
17 mobilization and demobilization costs.

18 The schedule provided in PUB-NLH-023 Attachment 1 outlines the current ten year
19 plan for tank inspections, with the inspections generally prioritized as outlined
20 above.

LOCATION	AREA	YEAR FABRICATED /INSTALLED	CAPACITY (Litres)*	Year of last internal inspection	Planned Internal Inspection Year
STEPHENVILLE GT	TROC	1975/2000	501,000	2000	2014
STEPHENVILLE GT	TROC	1975/2000	501,000	2000	2014
STEPHENVILLE GT	TROC	1975/2000	501,000	2000	2014
ST. ANTHONY	TRON	1973/73	22,730	-	2014
ST. ANTHONY	TRON	1992/92	22,730	-	2014
ST. ANTHONY	TRON	1992/92	22,730	-	2014
McCALLUM	TROC	1998/98	90,800	-	2015
HARDWOODS GT	TROC	1976/97	2,273,000	1997	2015
PORT HOPE SIMPSON	TRON	1975/75	22,730	-	2015
PORT HOPE SIMPSON	TRON	1995/95	22,730	-	2015
L'ANSE au LOUP	TRON	1999/05	22,730	-	2015
L'ANSE au LOUP	TRON	2003/04	22,730	-	2015
GOOSE BAY, NORTH PLANT	TROL	1996	45,400	-	2016
GOOSE BAY, NORTH PLANT	TROL	1996	45,400	-	2016
NAIN	TROL	2001/01	45,400	-	2016
PARADISE RIVER	TROL	2005/2005	45,400	-	2016
HOPEDALE	TROL	2005/05	22,700	-	2016
NAIN	TROL	1974/74	144,140	2002	2016
NAIN	TROL	1974/74	144,140	2002	2016
NAIN	TROL	1974/74	144,140	2002	2016
NAIN	TROL	1987/87	600,000	2006	2016
HAWKES BAY	TRON	1974/96	23,730	-	2016
HAWKES BAY	TRON	1996/96	23,730	-	2016
CHARLOTTETOWN	TRON	2001	10,000	-	2016
BISHOP FALLS, Salvage	TROC	1996/96	18,000	-	2017
ST. BRENDAN'S	TROC	1981/2000	68,190	2000	2017
GOOSE BAY, G T	TROL	1990/1991	54,552	2001	2017
GOOSE BAY, G T	TROL	1990/1991	54,552	2001	2017
GOOSE BAY, G T	TROL	1990/1991	54,552	2001	2017
MAKKOVIK	TROL	1982/90	68,190	2006	2017
MAKKOVIK	TROL	1982/90	68,190	2006	2017
MAKKOVIK	TROL	1970/90	45,460	2006	2017
GOOSE BAY, G T	TROL	1990/1991	37,900	2001	2017
WILLIAMS HARBOUR	TRON	2007/07	40,391	-	2017
WILLIAMS HARBOUR	TRON	2007/07	40,391	-	2017
WILLIAMS HARBOUR	TRON	2007/07	40,391	-	2017
NORMAN BAY	TRON	2007	32,400	-	2017
NORMAN BAY	TRON	2007	32,400	-	2017
NATUASHIUSH	TROL	2001	45,481	2007	2018
NATUASHIUSH	TROL	2001	45,481	2007	2018
RIGOLET	TROL	1997/97	45,400	2007	2018
RIGOLET	TROL	1997/97	45,400	2007	2018
RIGOLET	TROL	1998/2000	22,730	2007	2018
RIGOLET	TROL	1995/95	90,920	2008	2018

LOCATION	AREA	YEAR FABRICATED /INSTALLED	CAPACITY (Litres)*	Year of last internal inspection	Planned Internal Inspection Year
RIGOLET	TROL	1983/95	90,900	2008	2018
GOOSE BAY, NORTH PLANT	TROL	2008	30,363	-	2018
MAKKOVIK	TROL	1990/90	314,000	2006	2018
MAKKOVIK	TROL	1990/90	314,000	2006	2018
MAKKOVIK	TROL	1990/90	314,000	2006	2018
RIGOLET	TROL	1985/85	300,000	2007	2018
GREY RIVER	TROC	1990/90	22,730	2009	2019
GREY RIVER	TROC	1990/90	22,730	2009	2019
CARTWRIGHT	TROL	2009	46,202	-	2019
BLACK TICKLE	TROL	1992/92	257,000	2007	2019
BLACK TICKLE	TROL	1992/92	257,000	2007	2019
CHARLOTTETOWN	TRON	1984/84	300,000	2008	2019
BISHOP FALLS, Hangar	TROC	10/20/2010	10,000	-	2020
LITTLE BAY ISLANDS	TROC	1990/90	22,730	-	2020
POSTVILLE	TROL	2011	319,000	-	2021
POSTVILLE	TROL	2011	319,000	-	2021
NORMAN BAY	TRON	2011	20,000	-	2021
ST. LEWIS	TRON	2012	45,000	-	2022
ST. LEWIS	TRON	2012	45,000	-	2022
MARY'S HARBOUR	TRON	1990/90	314,000	2012	2024
MARY'S HARBOUR	TRON	1990/90	314,000	2012	2024

* Tanks with a storage capacity of less than 10,000 Liters will not be subject to an internal inspection. Typically these tanks are smaller in size and are not equipped with an access hatch to permit the completion of an internal inspection.