



May 4, 2016

Honourable Wally Schumann
Minister of Environment and Natural Resources

Honourable Robert C. McLeod
Minister of Municipal and Community Affairs

Honourable Glen Abernethy
Minister of Health and Social Services

Dear Ministers,

On behalf of the Land and Water Boards of the Mackenzie Valley (Gwich'in, Sahtu, Wek'èezhìi, and Mackenzie Valley) and the Inuvialuit Water Board (the Boards), we are writing to you regarding an important issue concerning community governments' water licence compliance.

The Boards are responsible for issuing water licences to community governments as required by the *Waters Act*. However, the responsibility of ensuring and monitoring compliance is shared with the various departments of the Government of the Northwest Territories (GNWT).

In the interest of simplifying and increasing the consistency of water licensing processes and terms and conditions, various boards have successfully partnered with GNWT's Departments of Municipal and Community Affairs and Environment and Natural Resources on several recent initiatives including:

- joint development of Operation and Maintenance Plan templates that community governments can use to fulfill the requirement of submitting this information to the regulator;
- joint development of the *NWT Landfill Guidelines*;
- continue to develop standardized terms and conditions for water licences;
- coordinating community-based sampling training to train community government staff so that they may fulfill water licence conditions related to Surveillance Network Programs; and
- facilitated workshops (in Inuvik) to clarify roles and responsibilities of the various organizations involved in water-related matters.

The Boards and GNWT Inspectors continue to support community governments' efforts to fulfill the requirements of their water licences; unfortunately community governments continue to experience a number of challenges with maintaining compliance. Common issues that have come to the attention of the Boards include the failure to submit applications for licence renewals on a timely basis, delayed or incomplete reporting, and failure to meet specified conditions related to operational matters and testing.

To address these matters and improve the effectiveness of the water licensing process, improvements to the current situation would be beneficial to all. The Boards recognize an integrated system exists in which different government departments are responsible for the various aspects of community operations: drinking water, waste management, and wastewater management. We believe that it is important for the involved organizations to collectively seek solutions to the existing issues and concerns. In this regard, we would request that the GNWT and the Boards begin to work together to confirm the existing issues and concerns and identify potential ways in which community government water licence compliance can be improved so as to ensure the safety of our residents and the appropriate level of environmental protection.

Thank you for your consideration of this matter.

Sincerely,



Floyd Adlem,
Acting Chair, Mackenzie Valley Land
and Water Board



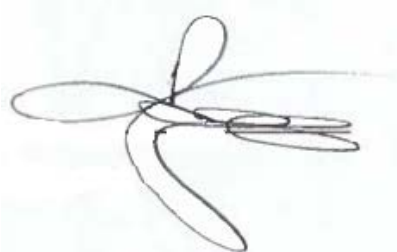
Paul Sullivan,
Chairperson, Gwich'in Land and Water Board



Larry Wallace
Chairperson, Sahtu Land and Water Board



Violet Camsell-Blondin
Chairperson, Wek'èezhìi Land and Water Board



Roger Connelly
Chairperson, Inuvialuit Water Board

Cc': Ernie Campbell, Deputy Minister, Environment and Natural Resources
Tom Williams, Deputy Minister, Municipal and Community Affairs
Debbie DeLancey, Deputy Minister, Health and Social Services

Table 1: Overview of Compliance with Water Licence (WL) requirements for Municipalities of the Mackenzie Valley

	MVLWB	WLWB	GLWB	SLWB
Municipal WL (active)	6 unlicensed municipalities – 4 incomplete applications (Trout Lake, Jean Marie River, Lutsel K'e, & Wrigley) and 2 no application submission (Nahanni Butte & Kakisa) 9/15 – 3 Type A WL – Yellowknife, Hay River & Fort Smith	All municipalities (4) have WL 4/4 – 1 Type A WL - Behchoko	All municipalities (4) have WL 4/4 – 1 Type A WL – Inuvik - one year renewal in progress	1 unlicensed municipality – Colville Lake – application anticipated 2016 4/5 – all Type B WL
Operation and Maintenance Plans up to date	Submission of Plans outstanding from Fort Liard, revisions to submitted Plans outstanding – Enterprise, Fort Simpson, Fort Smith, & Hay River – annual review and submission to Board general practice	Revisions to submitted Plans outstanding or pending - all	Submission of Plans and revisions to submitted Plans outstanding - all	Submission of Plans and revisions to submitted Plans outstanding or pending - all
Annual Reporting	Outstanding from Fort Smith & Enterprise - consistent reporting by Yellowknife and Fort Providence	Consistent reporting for all municipalities – water use & waste disposal	Outstanding from Tsiigehtchic, consistent reporting by Inuvik and Fort McPherson only	Outstanding from Norman Wells & Tulita, inconsistent and incomplete details, template has been provided since 2012 to facilitate improved reporting
SNP Implementation	Consistent surface water monitoring by Yellowknife, Fort Providence & Dettah - inconsistent sampling for all other municipalities and unknown for those unlicensed or recently licensed (8/15)	Y, with assistance from Inspector and WLWB – Field Manual	Consistent sampling and reporting by Inuvik and Fort McPherson only	N, inconsistent sampling and reporting (all) and lack of installation of required groundwater monitoring wells since 2008 (Fort Good Hope & Norman Wells) – Field Manual provided in 2015

Site Capacity	Sewage lagoon at or near capacity in Hay River, Fort Liard and Fort Resolution; SWDF at or near capacity in Yellowknife, Hay River and Fort Simpson	Construction of new facilities (Wastewater Treatment and Solid Waste Disposal) in 2015 at Behchoko. New facilities at Gameti in 2014. Planning for 20 year lifespan at both communities – unknown at other municipalities	Fort McPherson and Tsiigehtchic SWDF at capacity – redevelopment plans in progress	2 Solid Waste Disposal Facilities (SWDF) exceed capacity/life expectancy (Tulita and Norman Wells), 3rd SWDF near capacity (Fort Good Hope), 4 th (Deline) - delayed commissioning and closure of SWDF and sewage lagoon, GNWT assistance required. New facilities to be complete in 2016 at Colville Lake
Inspections complete in 2015	Y, 5/9 licenced municipalities, non-compliance/violations identified - all	Y, all municipalities (4/4), non-compliance items identified - all	Y, Tsiigehtchic (1/4) – non-compliance/violations identified	Y, all licenced municipalities, non-compliance/violations identified - all

	Municipal Water Licence	Spill Contingency Plan (Y/N, revision date, Board approval)	Water Treatment Plant O&M Plan (Y/N, revision date, Board approval)	Wastewater (sewage) Treatment (WWTF) O&M Plan (Y/N, revision date, Board approval)	Solid Waste Disposal Facility (SWDF) O&M Plan (Y/N, revision date, Board approval)	Hazardous Waste Management Plan (Y/N, revision date, Board approval)	Closure and Reclamation Plan (Y/N, revision date, Board approval)	2014 Annual Report (AR, Y/N, complete)	SNP Implementation	WWTF & SWDF Capacity	Most Recent Inspection & major concerns	Additional Studies/Plans Required
Communities within the Regulatory Jurisdiction of the Wek'eezhii Land and Water Board (WLWB)												
Behchoko	Type A: W2014L3-0002 (15 year term, expires Nov 25, 2029)	Y, April 2014 - Approved (Nov 26, 2014) with revisions due March 31, 2015 - Outstanding	n/a – not required	Y, May 2014 - Approved (Nov 26, 2014) with revisions due Mar 31, 2015 – Outstanding	Y, March 2014 - Approved (Nov 26, 2014) with revisions due Mar 31, 2015 – Outstanding Landfarm O&M Plan required under Part H, Item 2 due May 1, 2015 – extension granted to Sept 30, 2015 - Outstanding	Y, Feb 2011 – Approved (Nov 26, 2014) with revisions due March 31, 2015 – Outstanding	Y, March 2014 - Approved for current SWDF (Nov 26, 2014) and Landfarm (April 2011) with Implementation Schedule due March 31, 2015 - Outstanding	Y, complete reporting (NOTE July 30, 2015 Inspection Report suggests SNP data incomplete) – 2015 AR due March 31, 2016 – Outstanding	Y, requirement for Groundwater Monitoring Program under previous WL (MV2003L3-0010) not met and removed during renewal process – sampling complete with assistance from Inspector and WLWB SNP Field Manual Installation of Groundwater Monitoring Program in 2016 by GNWT-MACA under W2016X00001	2015 began construction of new SWDF with 20 year design life. Two WWTFs (Rae and Edzo) in use since 1970s with upgrades in 1988 & 1999 (Edzo) and 2005 (Rae) – Study on efficacy (performance) of the Rae and Edzo Sewage Treatment System required under Part D, Item 14 & 15 due December 2016 Honey bags in	June 30, 2015 – maintenance to WWTFs required, O&M Plan for landfarm overdue and observance of continued use at old solid waste facility prior to demonstrating in condition to accept wastes, improvement noted with maintenance of temporary hazardous waste storage area (community garage) however secondary containment required.	Edzo and Rae Sludge Characterization Study required under Part D, Item 13 due March 31, 2015 – Outstanding Geotechnical Inspection of WWTF required under Part D, Item 10 due June 30, 2015 – extension to Sept 30, 2015 – Received Dec 21, 2015 Board direction from July 28, 2015 required Alternate

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										use		Water Use Plan for 2015/2016 winter season and long term water use plan due Aug 30, 2015 – Received Mar 17, 2016
Gameti	Type B: W2008L3-0003 (10 year term, expires Dec 22, 2018)	Y, April 24, 2008 – Approved (Dec 23, 2008)	Y, Sept 2015 - Approved (Nov 27, 2015) with revisions due June 30, 2016	Y, Sept 2015 - Approved (Nov 27, 2015) with revisions due June 30, 2016	Y, Sept 2015 - Approved (Nov 27, 2015) with revisions due June 30, 2016	N, not required as included as part of the SWDF O&M Plan.	Y, July 31, 2008, revision due June 30, 2016.	Y, water use reported annually, incomplete summary of all data generated under SNP – May 20, 2015 Inspection Report required resubmission of 2014 AR by Sept 30, 2015 – Outstanding	Y, incomplete sampling – assistance from Inspector and WLWB SNP Field Manual Installation of Groundwater Monitoring Program in 2016 by GNWT-MACA under W2016X00001	New facilities built in 2014 with 20 year design life, only WWTF currently commissioned (in use)	May 20, 2015 – as-built drawings and O&M Plan for new WWTF outstanding, updated 2014 AR due Sept 30, 2015 - Outstanding	

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								2009-2010 AR not submitted - 2015 Annual Report due Mar 31, 2016 - Outstanding				
Wekweeti	Type B: W2007L3-0001 (10 year term, expires Sept 27, 2017)	Y, Sept 20, 2015 – Not approved (Jan 11, 2016) revisions due Jun 30, 2016 – part of Additional Plans package	Y, Sept 30, 2015 – Not approved (Jan 11, 2016) revisions due Jun 30, 2016	Y, Sept 30, 2015 – Not approved (Jan 11, 2016) revisions due Jun 30, 2016	Y, Sept 30, 2015 – Not approved (Jan 11, 2016) revisions due Jun 30, 2016	N, not required as included as part of the SWDF O&M Plan.	N, Required under Part G, Item 1, six months prior to closure of facilities	Y, tabular summaries of all data generated under SNP incomplete, 2007-2009 AR not submitted, 2015 AR received Mar 31, 2016	Y, with assistance from Inspector and WLWB SNP Field Manual	SWDF commissioned 1993, no estimate of remaining available space, no indications of reaching capacity. WWTF in use since 1982, no indication reaching capacity Honey bags in use	July 3, 2015 – no major concerns, Inspector notes that Community Government of Wekweeti continues to make excellent efforts to achieve full compliance with WL.	
Whati	Type B: W2007L3-0002 (10	Y, April 13, 2015 - Approved	N, required under Part	Y, Jan 2004, Not approved	N, required under Part I, Item 1, due	N, not required as included as	N, Required under Part G, Item 1 six	Y, complete, 2007-2010 & 2012 AR not	Y, with assistance from Inspector and	SWDF occupies area of 130m x 130m, no	May 23, 2015 – no major concerns,	

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	year term, expires Sept 27, 2017)	(July 28, 2015) with revisions due October 31, 2015 - Outstanding	I, item 1 - Outstanding	with revisions due Sept 30, 2015 - Outstanding	Sept 30, 2015 - Outstanding	part of the SWDF O&M Plan	(6) months prior to closure of facilities	submitted, 2015 Annual Report due March 2016 - Outstanding	WLWB SNP Field Manual	estimate of remaining space available, date of commissioning unknown WWTF, no indication reaching capacity, maintenance/repairs in 2014 – date of commissioning unknown	WWTF and SWDF O&M Plans due Sept 30, 2015 - Outstanding	
Communities within the Regulatory Jurisdiction of the Mackenzie Valley Land and Water Board (MVLWB)												
Yellowknife	Type A: MV2009L3-0007 (12 year term, expires May 30, 2022)	Y, March 30, 2014 (Version 3) - Approved Nov 20, 2014	N, not required in WL	Interim Plan received (May 31, 2012) – no Board approval required; full plan due Mar 31, 2016	Y, March 30, 2014 (Version 4) – Approved Nov 20, 2014 Compost O&M Plan also required under Part	Y, April 1, 2015 (Version 4) – Approved Aug 13, 2015	Y, Interim Plan approved (May 22, 2015); revision due Jan 28, 2016, Extension request to April 29, 2016	Y, consistent and complete reporting, 2015 AR due Mar 31, 2016 received April 18, 2016	Y, Groundwater monitoring required as part of Leachate Modeling and Monitoring Plan as per Schedule 3 (l) for Interim Closure and Reclamation Plans yet to be installed	New landfill cell construction anticipated summer 2016 - Modification Approved April 18, 2016. Compost Facility expansion July 8, 2014.	May 15, 2014 Lagoon decant structure needs repair. Hazardous waste area needs secondary containment.	Stormwater Management Plan required under Part D, Item 13 – Version 3 (Mar 30, 2014) – Approved Nov.20, 2014 A trend analysis

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					<p>H, Item 1 and Schedule 4, item 2 and as per Board direction on Feb 27, 2014. Version 2 (April 1, 2015) – Approved (Aug 13, 2015)</p> <p>Biotreatment Pad O&M Plan also required under Schedule 4. April 28, 2014 (Version 3) – Approved Nov 20, 2014 with revisions due March</p>					New Water Treatment Plant Sept 24, 2013 Approved.		<p>report was required as part of 2013 Plan approval - due Mar 31, 2016 - Outstanding</p> <p>SWDF Drainage Study – designed to meet requirements under Part D, 14 – Approved (August 2, 2012).</p> <p>pH Study (Part D.19) approved Aug 2, 2012</p> <p>Fiddlers Lake Treatment Plan required under Part D,</p>

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					31, 2015. Revision will not be required as area being repurposed – activities ceased							<p>Item 15 – Nov 15, 2014 – not approved Aug 13, 2015; Board direction on Nov 19, 2015 required additional information by March 31-16.</p> <p>Sewage Effluent Characterization Study required under Part D, Item 20 – extension granted to May, 31, 2014 – Outstanding</p> <p>Biotreatment Pad Effluent Study required</p>

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												under Part D, Item 22 – April 2, 2013 – Approved (Jun 6, 2013) Metals in SWDF Runoff Study (D.23) approved July 17, 2014
Hay River	Type A: MV2009L3-0005 (10 year term, expires May 30, 2020)	Y, May 9, 2011 - Approved (June 23, 2011)	N – not required in WL	Y, April 14, 2011 - Approved Jan. 24, 2013 with update due Mar. 31, 2013 - Outstanding	Y, Sept. 28, 2012, not approved with revisions required due June 30, 2013 – extension timeline expected April 28, 2016 Biotreatment Pad O&M Plan submitted	Required as part of the SWF O&M Plan - Outstanding	Interim Plan submitted July 31, 2013 was not approved (Jan 21, 2016) – required follow-up outstanding	Y, inconsistent reporting	Y, inconsistent sampling (includes groundwater monitoring) and sample quality	Landfill and sewage lagoon are near end of life.	Sept. 16, and Oct. 14, 2015 Many operational concerns. Biotreatment Pad (over capacity, excessive surface run-off, dust management, berm maintenance), landfill (electric fence needs repair, signage needed,	Landfill Drainage Study required under Part D, Item 9 & Schedule 2 – due Oct 31, 2010 – Phase 1 & 2 – approved Mar 28, 2013 Landfill operation study required under Part D,

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					June 4, 2015 (Version 2) – not Approved with revisions due Jan 28, 2016 - extension granted March 17, 2016 due April 28, 2016 – received Apr 26, 2016 (Version 2-1)						removal of stockpiled metal/applicanc es needed, more frequent compaction and cover needed) and sewage lagoon (sludge measurement, desludging needed, geotechnical inspection overdue) – expected to be addressed by Spring 2016.	Item 10 – due Oct 31, 2010 – Outstanding Meeting held Apr 21, 2016 to discuss overdue submissions – summary posted to Registry with proposed timelines – Board approval of extensions pending
Fort Smith	Type A : MV2011L3-0001 (15 year term, expires Oct 31, 2026)	Y, approved April 23, 2015	N – not required in WL	N, required under Part I, Item 1 due April 30, 2012. Town has been granted extension to Sept. 30, 2016	N, required under Part I, Item 2 due April 30, 2012 - Outstanding	Required as part of the SWF O&M Plan - Outstanding	Y, Interim Closure Plan required under Part G, Item 1 due June 30, 2013 – submitted Apr 22, 2016 – approval	N, 2013 and 2014 Annual Reports not received - Outstanding	Unknown without recent annual reporting	Facilities are not near capacity	June 3, 2015 Sewage lagoons need desludging. Landfill: many wastes that need to be shipped out are stockpiled and overdue for	Separate Type B Water Licence application in 2009 for Landfarm - incomplete Groundwater Monitoring

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							pending				shipping, electric fence needs repair, improper waste disposal practice at construction waste area.	and Protection Program required under Part D, Item 8 due June 30, 2012 - Outstanding Sewage Treatment Improvement Plan required under Part D, Item 14 due November 1, 2014 – received Sept 4, 2015 – Approved (Nov 19, 2015) June 8, 2016 meeting planned with MVLWB to discuss outstanding

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												requirements
Fort Simpson	Type B: MV2015L3-0001 (10 year term, expires July 1, 2025)	Y, Mar. 31, 2015 – Not approved (Jul 2, 2015) with revision due April 22, 2016 - Outstanding	N, not required in WL	Y, Mar. 31, 2015 – Not approved (Jul 2, 2015) with revision due April 22, 2016 - Outstanding	Y, Mar. 31, 2015 – Not approved (Jul 2, 2015) with revision due April 22, 2016 - Outstanding	Required as part of the SWDF O&M Plan. Outstanding	N, Interim Closure and Reclamation Plan required under Part I, Item 1 due March 31, 2016 – extension request to Sept 30, 2016	WL just issued this year. Reporting under previous WL inconsistent. 2014 reporting submitted.	WL just issued this year.	The existing landfill cell at the SWF is predicted to be at capacity within 4.5 years; a new landfill cell will be needed during the term of the Licence.	Jan. 26, 2011 Improper management of sludge from sewage treatment plant.	Waste Disposal Fencing Plan required under Part B, Item 8 due Oct 2, 2015 received Oct 22, 2015 – Approved (Feb 18, 2016)
Fort Providence	Type B: MV2006L3-0002 (10 year term, expires July 9, 2016)	N, not required in WL but included in O&M Plan (Section 6.3, Dec 2015)	N, not required in WL	Y, Dec. 10, 2015 (Version 5) – Pending approval as part of renewal process	Y, Dec. 10, 2015 (Version 5) – Pending approval as part of renewal process	Y, Dec. 10, 2015 (Version 5) – Pending approval as part of renewal process Hazardous Waste Inventory submitted Jan 2015	N, Required under Part G, Item 1, six months prior to closure of facilities	Y, consistent and complete reporting	Y Installation of Groundwater Monitoring Program in 2016 by GNWT-MACA under MV2016X0003	SWDF: May 2012 evaluation report identified need for expansion and or relocation of new SWDF in 3-5 yrs, modification to area/mounding technique as all cells full. Waste cell #1	June 9, 2015 Landfill cell #1 is over capacity and should be capped to reduce windblown debris, maintenance of sewage lagoon ongoing with MACA. Construction waste area needs closer	Acknowledgement of upcoming renewal on Jan 18, 2016

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										(of 3) is at capacity and Inspector recommended closing it but it is unclear whether this was done. Plans for 4 th (new) domestic waste cells communicated to Inspector June 2015	management, compaction and recontouring. Spills in the Hazardous Waste Area need clean-up	
Fort Liard	Type B: MV2009L3-0025 (10 year term, expires Feb 29, 2020)	N, extension granted July 29, 2010 due Oct 30, 2010 - Outstanding	N, not required in WL	N, due Oct 30, 2010 - Outstanding	N, due Oct 30, 2010 - Outstanding	N, due Oct 30, 2010 - Outstanding	N, Required under Part G, Item 1 due six months prior to closure of facilities	Y, consistent and complete reporting – 2015 AR received Mar 4, 2016	Y, partial	Sewage lagoon is near capacity, very little/no freeboard	June 5, 2013 Lagoon cells are near capacity and emergency decants are needed. Freeboard is not being maintained.	
Fort Resolution	Type B: MV2014L3-0008 (10 year term, expires	Y, Dec. 17, 2014 - Not approved (Dec 3, 2015) with	Y, Dec. 17, 2014 - Approved (Dec. 3, 2015)	Y, Dec. 17, 2014 - Not approved (Dec 3, 2015) with	Y, Dec. 17, 2014 - Not approved (Dec 3, 2015) with	Required as part of the SWF O&M Plan with revisions	N, Interim plan not required. Under Part I,	WL just issued this year; no WL was held in the past.	WL just issued this year. A proposal to revise the SNP program is due	Sewage lagoon is near capacity, very little/no freeboard. A new	No inspections complete to date	Proposal to Revise the SNP required under Part B, Item 6 due

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	Dec 2, 2025)	revisions due June 3, 2016		revision due 4 months following Board approval of a Plan to address the freeboard requirement (D.8)	revisions due Dec. 3, 2016	due Dec. 3, 2016	Item 2 a CRP is required for 2 historic waste sites by Dec. 3, 2017 Under Part I, Item 3, a CRP is required at least 6 months prior to closure of any facility.	First Annual Report is due Mar. 31, 2017	Dec. 3, 2017 Installation of Groundwater Monitoring Program in 2016 by GNWT-MACA under MV2016X0003	facility/lagoon is recommended/planned. SWDF has been operating since approx. 1979. Oct 2013 review considered 2-6 yrs of operational space remaining due to accidental burning that provided considerable volume reduction.		Dec 3, 2017 Plan for the Management of Water Treatment Residuals required under Part D, Item 3 due June 3, 2017 Plan to Address Freeboard Requirement at Cell 1 of WWTF required under Part D, Item 8 due Sept 3, 2016 Preliminary Engineering Report for WWTF required under Part D,

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												Item 12 due Dec 3, 2016 Waste Disposal Facilities Fencing Plan required under Part D, Item 17 due Jun 3, 2016
Enterprise	Type B: MV2014L3-0007 (10 year term, expires Aug 12, 2024)	Y, May 7, 2014 - Not approved (Aug 13, 2014) with revisions due March 31, 2015 - Outstanding	N/A – water delivered from Hay River	Y, May 7, 2014 - Not approved (Aug 13, 2014) with revisions due March 31, 2015 - Outstanding	Y, May 7, 2014 - Not approved (Aug 13, 2015) with revisions due March 31, 2015 - Outstanding	Required as part of the SWDF O&M Plan with revisions due March 31, 2015 - Outstanding	Y, May 7, 2014 - Not approved (Interim CRP, Aug 13, 2014) with revisions due March 31, 2015 – Outstanding Under Part G, Item 7, a Final CRP is required at least 6 months	2014 Annual report not received	Unknown. A proposal to revise the SNP program was due Aug. 1, 2015 – Outstanding Installation of Groundwater Monitoring Program in 2016 by GNWT-MACA under MV2016X0003	Facilities are not near capacity	June 8, 2015 Hydrocarbon contaminated soil at the waste oil storage must be cleaned up, the area needs secondary containment and better management. New landfill cell needs infilling and change of operations to mounding due	Sewage Disposal Facilities Report required under Part I, Item 4 due Aug 13, 2016.

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							prior to closure of any facility.				to persistent ponding of groundwater. Fencing is needed around the perimeter of the landfill.	
Dettah	Type B: MV2009L3-0028 (10 year term, expires Mar 3, 2020)	Y, Dec 2009 (Version 1.3) - Approved (July 22, 2010)	N/A – water delivered from Yellowknife	Y, Feb 2010 (Version 1.2) - Approved (July 22, 2010)	Y, Feb 2010 (Version 1.2) - Approved (July 22, 2010)	Y, required as part of the SWDF O&M Plan - Approved (July 22, 2010)	Y, Interim CRP - April 12, 2010 – Approved (July 22, 2010)	Y, consistent reporting	Y	Facilities are not near capacity	June 5, 2015 Suspended solids exceedances at lagoon compliance point.	Sewage Lagoon and Wetland Study received Jul 2, 2015 – improvements recommended, pending (Jan 4, 2016 correspondence)
Trout Lake	Type B: MV2012L3-0007 - incomplete	Y, Nov 12, 2012 – not approved	N	N	N	N	N	N, WL not issued	N, WL not issued		Mar 24, 2011 Unlicensed community, freeboard close to reaching maximum capacity, hazardous waste storage area requires	Application received Nov. 21, 2012; deemed incomplete Jan. 4, 2013. The application focused on a new WTP that

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											secondary containment	was soon to be installed and provided limited information on the solid waste disposal facility and sewage treatment facility.
Jean Marie River	Type B: MV2011L3-0006 - incomplete	Y, Sept 12, 2011 – not approved	N	Y, Sept 12, 2011 – not approved	Y, Sept 12, 2011 – not approved		N	N, WL not issued	N, WL not issued	The application focused on a new WTP that was soon to be installed and provided limited information on the solid waste disposal facility and sewage treatment facility.	Mar 24, 2011 Unlicensed community, hazardous waste storage area requires secondary containment	The application was deemed complete Sept 20, 2011 and sent for review. Reviewers commented on the incomplete nature of the application and requested additional information that remains outstanding.

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												Response to Reviewers received May 9, 2012 – incomplete. Update requested by MVLWB on Jan 3, 2013 – due April 2013 - Outstanding
Lutsel K'e	Type B: MV2011L3-0005 - incomplete	Y, Aug 15, 2011 – not approved	N	Y, Aug 15, 2011 – not approved	Y, Aug 15, 2011 – not approved		N	N, WL not issued	N, WL not issued	The application focused on a new WTP that was soon to be installed and provided limited information on the solid waste disposal facility and sewage treatment facility.		Application received Aug. 15, 2011 and deemed complete Sept. 19 and sent for review. Community meeting held Nov. 7, 2011. Review reopened for additional comments Nov. 17 with

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												<p>deadline of Dec. 7. June 15, 2012 email from Lutsel Ke indicated Council may withdraw the application.</p> <p>Update requested by MVLWB Jan 4, 2013 – update on WTP received June 30, 2013 – other details remain Outstanding</p>
Wrigley	Type B: MV2014L3-0004 – incomplete	N	N	N	N	N	N	N, WL not issued	N, WL not issued	The application focused on a new WTP that was soon to be installed and did not provide information on the solid waste disposal facility		Application received March 27, 2014, deemed incomplete June 27, 2014.

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										or sewage treatment facility.		
Nahanni Butte	Type B: no application received to date											
Kakisa	Type B: no application received to date								Installation of Groundwater Monitoring Program in 2016 by GNWT-MACA under MV2016X0003			
Communities within the Regulatory Jurisdiction of the Sahtu Land and Water Board (SLWB)												
Deline	Type B: S12L3-006 (5 year term, expires Dec 4, 2017)	Y, Aug 27, 2012 – Not approved, revision due March 31, 2014 - Outstanding	Y, July 2010 – Not approved, revision due June 2016	Y, Nov 18, 2013 – Not approved, revision due June 2016	Y, July 8, 2008 – for 2013 facility - Not approved, revision due June 2016	N, submission due March 31, 2016 - outstanding	Y, Mar 9, 2015 – approved with addendum and implementation schedule due July 31, 2015 - Outstanding	Y, due Mar 31, 2016 – outstanding for 2012, 2013 & 2014 – received April 2, 2016	Y, partial and inconsistent sampling with emphasis on annual decanting events - results due Mar 31, 2016 - SLWB SNP Manual provided July 27, 2015	Final closure and reclamation of current use facilities pending (awaiting assistance from GNWT-MACA), Solid Waste O&M Plan for new facility predicts 10 yr lifespan, anticipated	July 27, 2015 – unacceptable condition and lack of notification of use of temporary landfill location - requiring immediate attention, maintenance of hazardous waste storage	New sewage lagoon built in 2013, commissioned Nov 2013 not yet in use. New SWDF not yet commissioned - anticipated in 2016.

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										lifespan of new sewage lagoon unknown.	area required	
Fort Good Hope (K'asho Got'ine)	Type B: S15L3-002 (5 year term, expires Oct 27, 2020)	Y, Sept 4, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Y, Sept 14, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Y, Sept 14, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Y, Sept 14, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Included in SWDF O&M Plan, revision due June 2016	Y, Draft May 10, 2010 – Not approved, Interim CRP required under Part I, Item 1 due Oct 29, 2016	Y, inconsistent and incomplete reporting – 2015 AR due Mar 31, 2016 – Outstanding	N, Groundwater wells to be installed since 2008 – not complete – SLWB SNP Manual provided Aug 2015.	Limited– SWDF: reconfiguration of active trench and improvements to waste segregation complete in Oct 2015 to extend lifespan, expansion requested in renewal application with insufficient detail to approve – sewage exfiltration trench unknown performance but not at capacity	Aug 12, 2015 – household waste trench beyond capacity, SNP requires update, groundwater wells need to be installed by Aug 31, 2016. Response and follow up by Municipality Sept-Oct 2015.	Waste Disposal Flow pathway study due Oct 26, 2016 – Waste Disposal Facilities Report due Oct 26, 2016 – Waste Disposal Fencing Plan due Jan 31, 2016 – Outstanding , Commercial and Industrial Operators Waste Management Plan due April 30, 2016.

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Tulita	Type B: S15L3-003 (1 year term, expires Oct 31, 2016)	Y, Sept 24, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Y, Sept 24, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Y, Sept 24, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Y, Sept 24, 2015 – Not approved (Oct 26, 2015) with revisions due June 2016	Included in SWDF O&M Plan, revision due June 2016	N, Interim CRP required under Part I, Item 1 due Oct 30, 2016	Y, inconsistent and incomplete reporting – 2015 AR due Mar 31, 2016 - Outstanding	N, concerns of appropriateness of requirements noted in past inspections – SLWB SNP Manual provided August 14, 2015	SWDF at capacity, WWTF unknown performance and capacity	Jan 19, 2016 – no progress since previous inspection on Aug 14, 2015 – several ongoing maintenance and operation concerns, SWDF at capacity and requires immediate attention	Waste Disposal Flow pathway study due Oct 30, 2016 – Waste Disposal Facilities Report due Oct 30, 2016 – Waste Disposal Fencing Plan due Jan 31, 2016 – Outstanding , Commercial and Industrial Operators Waste Management Plan due April 30, 2016 – Hazardous Waste

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												Manifest and Maintenance Action Plan due Dec 30, 2015 – Outstanding , Hydrocarbon Contaminated Soil Containment Facility Operation and Maintenance Plan due April 30, 2016.
Norman Wells	Type B: S07L3-002 (10 year term, expires Aug 1, 2018)	N, Direction in July 21, 2015 Inspection Report required to be submitted to the Board by Nov 30, 2015 — Outstanding	N, Direction in July 21, 2015 Inspection Report required to be submitted to the Board by Nov 30, 2015 —	N, Direction in July 21, 2015 Inspection Report required to be submitted to the Board by Nov 30, 2015 — Outstanding	Y, (Mar 3, 2009) – Not approved with revisions required by Nov 30, 2015 - Outstanding	N, required under Part D, Item 17 due Feb 2, 2009, Direction in July 21, 2015 Inspection Report required to submit by Nov 30, 2015 –	N, required under Part G, Item 1 due 6 months prior to closure of facility	Y, partial and incomplete - received 2015 & 2014 AR on Mar 31, 2016 – revisions and 2011 & 2012 AR - Outstanding	Y, partial and incomplete with emphasis on decanting sampling events - groundwater wells required since 2008 have not been installed SLWB SNP Manual	SWDF at capacity, WWTF unknown performance and maintenance required	July 21, 2015 Segregated waste disorganized, Temporary Hazardous Waste Containment Facility is poorly contained within own area and requires removal of	As-built plans for landfill expansion and new HWSF - Outstanding since 2010

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			Outstanding			Outstanding			provided on Aug 13, 2015		items which remained for number of years, two groundwater wells down slope of landfill must be installed immediately upon thaw in spring 2016.	
Colville Lake	Type B: application not submitted											
Communities within the Regulatory Jurisdiction of the Gwich'in Land and Water Board (GLWB)												
Inuvik	Type A: G06L3-001 (10 year term, expires 30, 2016)	N, not a WL requirement	N, not required under the current WL. Expected with new WTP and intake – under constructi	Y, March 2012 – Not approved	Y, March 2012 – Not approved	N, not a WL requirement	N, required under Part F, Item 1 due six months prior to closure of facilities	Y, quarterly reporting requirement for 2014 met, 2015 AR due Mar 31, 2016 received Feb 26, 2016	Y, consistent monitoring and reporting	The WWTF (lagoon) has been in operation since 1957 with upgrades in 1982 Two SWDF – community landfill (Mt. Baldy) and dry	Aug 2, 2011 , - Sewage Management Plan remains outstanding, Water Intake fish screen improper size, hydrocarbon contaminated soil treatment area requires	Engineering assessment of the SWDF required under Part B, Item 9 due Nov 1, 2006 – met Mar 9, 2007 Assessment of sewage

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			on anticipated to be complete in winter 2016							inert hazardous and special wastes (Shale Pit) – Mt. Baldy has been in operation since 1976 while Shale Pit site not a current use site (1980s to early 1990s) – no estimate of remaining available space or anticipated lifespan, no indication reaching capacity	operation and maintenance plan – Note hydrocarbon soil treatment facility no longer in use update required for 2016 renewal process	treatment options required under Part B, Item 10 due July 1, 2011 – Received Aug 30, 2011 with update included in 2016 renewal application received Jan 25, 2016 (Appendix D, Aug 2013) Sewage Management Plan required under Part B, Item 11 due July 1, 2011 – Outstanding Quality Assurance/Quality Control program

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												required under Part B, Item 12 due Feb 1, 2007 – met Mar 27, 2007
Aklavik	Type B: G99L3-003 – Water Use and Supply Treatment only (10 year term, expires Nov 30, 2019)	N, required under Part F, Item 1 due Feb 1 2010 – Outstanding also required under N3L3-0570 (Part E, Item 1) due June 2015 - Outstanding	N, not a WL requirement – (2003 Water Management & Water System Infrastructure report under N3L3-0570)	N, not a WL requirement as issuance not associated with waste disposal – required under N3L3-0570 (Part F, Item 1) – Jul 30, 2012 - not approved (Dec 1, 2014) due June 2015 – Outstanding to IWB	N, not a WL requirement as issuance not associated with waste disposal – required under N3L3-0570 (Part F, Item 1) – Jul 30, 2012 - not approved (Dec 1, 2014) due June 2015 – Outstanding to IWB	N, not a WL requirement	N, not a WL requirement - section left intentionally blank - required under N3L3-0570 (Part I, Item 1) due six months prior to closure of facilities	Y, Water use reported annually – 2015 AR due April 30, 2016	Y (G99L3-003 requires only flow and volume) & N, SNP samples not collected or reported as required under N3L3-0570	New WTP commissioned in 2010/11 2009: Current waste disposal facilities began use in 1987. WWTF can hold 435,000m ³ (~ 15 yr retention time). SWDF estimated with 40,000m ³ total capacity of which 7,000m ³ was current use area in 2009. Updated estimates of current lifespan not available.	Aug 26, 2011 (* Jan 27, 2016 – WWTF only – Inuvialuit WB : N3L3-0570) – O&M Plans not submitted, segregation of waste and storage of hazardous waste not to the satisfaction of Inspector, Annual Reports missing - *Spill reporting procedures must be followed - *Sewage being discharged	Upon expiry of this Licence, the Inuvialuit Water Board (IWB) will take over all licensing for Aklavik

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											outside of lagoon (on to ground) -*Sewage disposal facilities not maintained to Inspector's satisfaction (erosion at chute, sewage spills) *O/M for Sewage Facilities and SWDF missing	
Fort McPherson	Type B: G03L3-001 (6 year term, expires Mar 2, 2020)	N, required under Part F, Item 1 due as part of updated SWDF O&M Plan due Sept 2014 - Outstanding	N, not a WL requirement	Y, 1997 – Not approved (Mar 3, 2014) with revisions required under Part I, Item 1 due Sept 3, 2014 (previously required in 2008 and	Y, 1997 – Not approved (Mar 3, 2014) with revisions required under Part I, Item 1 due Sept 3, 2014 (previously required in 2008 and	N, not a WL requirement	N, required under Part G, Item 1 due six months prior to closure of facilities	Y, consistent reporting, 2015 AR due Mar 31, 2016 – received Apr 27, 2016.	Y, consistent sampling and reporting	WWTF – Two sewage disposal areas – retention lagoon for trucked waste began use in 1980s (18,000m ² area) and Sewage Lake lagoon for piped sewage.	June 27, 2013 - Sewage O/M plans missing - Sewage Improvement Plans missing - Facilities not maintained to Inspector satisfaction (fuel storage, waste oil overflowing,	Terms of reference for a bio-physical assessment of environment receiving sewage effluent discharges required under Part B, Item 9 due July 15, 2014

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				again in 2013) – Outstanding	again in 2013) – Outstanding					SWDF – 2006 Planning Study proposed current use facility capacity limited (supporting 2004 MACA Waste Study) and recommended new SWDF within next 3 years designed for capacity of 20 years. 2015 AR notes SWDF expansion preparations.	contaminated soil runoff through burn area, waste segregation) - Closure Plans not provided, transition to new SWDF was planned	– requirement was also included in 2007 issuance – Outstanding Waste Facilities Drawing submitted Oct 2015 – Board approval pending
Tsiigehtchic	Type B: G99L3-004 (1 year term, expires July 31, 2016)	N, required as part of updated SWDF O&M due Jan 2016 – Outstanding - Expected	N, not a WL requirement	Y, Mar 2005 – Not approved (Jul 29, 2015) with revisions due Jan 30, 2016 -	Y, Mar 2005 – Not approved (Jul 29, 2015) with revisions due Jan 30, 2016 -	Included in SWDF O&M Plan, revision due Jan 2016 - Outstanding	N, required under Part F, Item 1 due six months prior to closure of facilities	N, 2011, 2012, 2014 missing - Outstanding	N , SNP samples not collected for several years – July 29, 2015 Issuance letter required implementation of SNP within 3	2005 (O&M & Background Report): WWTF – 55,000 m ³ , adequate capacity for next 20 yrs.	Sept 22, 2015 - Annual Report Late - SNP sampling not being conducted - Updated SWDF O/M not	

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		as part of 2016 Renewal Application		Outstanding	Outstanding				months of issuance.	SWDF – at capacity since 2005, redevelopment required to accommodate future disposal needs (to add 10 years)	provided - Windblown Garbage in nearby waterbodies and vegetation	