



**Health & Safety Management System Form:**  
Quarterly Health & Safety Statistics Report

**Monitor:**  
Director, Health, Safety & Environment

Form #:  
12.2

<b>Fiscal 2016</b>	<b>Quarter 4 (Jan. to Mar. 2016)</b>	<b>Report date: Apr. 26, 2016</b>
--------------------	--------------------------------------	-----------------------------------

<b>1</b>	<b>Comments</b>
----------	-----------------

- Page 2: Injury Statistics, Injury Type
- Page 3: Incident Type
- Page 4: Concern Report Summary
- Page 5: Incident Report Summary

2014 average annual accident severity rates:

- Comparable Canadian Electricity Association utilities: 18.54
- Quilliq Energy: 3.80
- NTPC: 8.79

<b>2</b>	<b>Definitions</b>
----------	--------------------

**Exposure Hours**

The number of hours worked by NTPC workers. Does not include leave or training.

**First Aid Injury**

A workplace injury/illness that requires first aid treatment only, whether applied by a first aider or health care provider, and does not result in lost days.

**Lost Time Injury**

Any workplace injury/illness resulting in lost days beyond the date of injury.

**Medical Treatment Injury**

An injury of moderate severity that requires treatment beyond first aid from a health care provider, but does not result in lost days.

**Recordable Injury**

Any workplace injury/illness resulting in a fatality, lost time injury, medical treatment injury, restricted work, significant occupational injury/illness, or loss of consciousness. Does not include first aid injuries.

**Restricted Work Injury**

Any workplace injury/illness resulting in the modification of the injured worker's duties as prescribed by a health care provider in order to accommodate recovery from the injury.

**Frequency Rate**

Number of incidents per 200,000 exposure hours.

**Reasonable Potential for Harm (RPH)**

A generic risk analysis concept in which the potential reasonable consequences of an incident are ranked as high (serious injury/fatality), medium (medical treatment injury), or low (first aid injury).

**Severity Rate**

Number of days per 200,000 exposure hours.



**Health & Safety Program Form:**  
Quarterly Health & Safety Statistics Report

**Monitor:**  
Director, Health, Safety & Environment

Form No.:  
12.2

3 Injury Statistics (including Contractors)											
Period	Exposure Hours	First Aid Injuries	Recordable Injuries				Restricted Work Injuries		Lost Time Injuries		
			Lost Time	Restricted Work	Medical Treatment	Frequency Rate	Days	Severity Rate	Days	Frequency Rate	Severity Rate
Q1	97,904	2	1	0	1	4.09	46	93.97	1	2.04	2.04
Q2	124,283	2	1	2	2	8.05	31	49.89	12	1.61	19.31
Q3	115,295	1	0	0	1	1.73	0	0	0	0	0
Q4	130,487	2	1	1	0	3.07	2	3.07	1	1.53	1.53
2016	467,969	7	3	3	4	4.27	79	33.76	14	1.28	5.98

4 Injury Type																	
Period	1. Bite, sting	2. Bodily reaction	3. Caught in, between	4. Electrical energy	5. Chemicals, noise, toxics	6. Extreme Temperatures	7. Fall from > 3 m	8. Fall from < 3 m	9. Fall at same level	10. Overexertion	11. Repetitive strain	12. Rub, scrape, abrade	13. Struck against	14. Struck by	15. Vehicle incident	16. Other	Total
Q1	0	0	0	0	0	0	0	0	0	0	2	1	0	2	0	0	5
Q2	1	1	0	1	0	0	0	0	0	1	2	1	3	1	0	1	12
Q3	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	4
Q4	0	0	2	0	1	0	0	1	1	1	3	0	0	1	0	0	10
2016	1	1	2	1	2	0	0	1	1	2	8	3	4	4	0	1	31



**Health & Safety Program Form:**  
Quarterly Health & Safety Statistics Report

**Monitor:**  
Director, Health, Safety & Environment

Form No.:  
12.2

5 Incident Type																			
Period	1. Communications	2. Electrical Energy	3. Environmental	4. Fire	5. Illness	6. Injury Other	7. Maintenance	8. Near Miss	9. Outage	10. PPE	11. Procedures	12. Property Damage	13. Regulations	14. Slip, Trip, Fall	15. Vehicle	16. Violence	17. Work Protection	18. Other	Total
Q1	0	4	4	0	0	5	0	2	1	2	1	5	0	0	5	0	1	0	30
Q2	0	3	6	6	0	10	0	3	1	0	0	9	2	1	2	0	0	2	45
Q3	0	0	5	1	1	4	0	1	0	0	0	7	0	1	5	0	0	2	27
Q4	0	0	6	2	0	6	1	4	1	0	0	6	0	5	2	0	1	1	35
2016	0	7	21	9	1	25	1	10	3	2	1	27	2	7	14	0	2	5	137



6 Concern Report Summary						
Period	#	Date	Location	Description	Resolution	Response
Q1	1	4/8/15	Yellowknife	Capital Suites security	Discuss with Capital Suites management	4/8/15
	2	4/14/15	Yellowknife	Jackfish Electrical Shop - Bad smell	Air study, ventilation replaced, desk moved	11/6/15
	3	5/1/15	Ft. Liard	Interpersonal Concern Report	Discuss with staff and supervisor	8/5/15
	4	5/20/15	Hay River	Washroom door closer leaking oil	Repair door closer, clean up oil	5/20/15
	5	6/8/15	Yellowknife	Ingraham Trail sub low energized lines	Barricade, re-engineer to remove hazard	6/19/15
	6	6/29/15	Snare	Beds and pillows are uncomfortable	Set schedule for mattress replacement	8/5/15
Q2	1	7/10/15	Snare	Snare boat launch too steep	Use old ramp, make SWP for new one	9/10/15
	2	7/17/15	NTPC	Workers not notified of emergency	Notify staff when emergency is declared	8/11/15
	3	7/24/15	Snare	Heavy equipment damage	Ongoing	
	4	7/28/15	Fort Simpson	Office thermostat	Put a lock box on the thermostat	8/6/15
	5	8/26/15	Yellowknife	EM7 potential asbestos in insulation	Barricade, sample, ensure no asbestos	11/2/15
	6	9/1/15	Yellowknife	Switching plans and tailboards	Ensure safety planning is completed	11/4/15
	7	9/3/15	Yellowknife	Waste oil in Nalcool tank	Refresh waste management training	9/10/15
	8	9/7/15	Snare	Lack bear awareness, broken bear fence	Add bear safety to orientation, fix fence	9/11/15
	9	9/8/15	Yellowknife	Substation pole location	Relocate pole to make room for new T3	9/12/15
	10	9/11/15	Whati	Cracked pole	Replace pole	10/14/15
	11	9/16/15	Yellowknife	Contractor work protection	Investigate, ensure contractors use WP	11/4/15
	12	9/16/15	Fort Simpson	Solar site backfeed issue unresolved	Safe Job Procedure developed	11/3/15



**Health & Safety Program Form:**  
Quarterly Health & Safety Statistics Report

**Monitor:**  
Director, Health, Safety & Environment

Form No.:  
12.2

Q3	1	10/1/15	Deline	Staff house broken windows & mould	Repair wall and windows	10/7/15
	2	10/6/15	Inuvik	Boardroom broken chairs, tripping hazards	Replace chairs, cover tripping hazard	11/2/15
	3	10/21/15	Snare	Potential asbestos in box in Rapids shop	Test and remove	11/2/15
	4	11/1/15	Jean Marie	Band member safety requirements	Complete orientation prior to work	11/20/15
	5	11/1/15	NTPC	Worksite cable management	Adjust SWP for housekeeping	11/20/15
	6	11/10/15	Colville Lake	Stairs required to tank and doors	Order and install stairs	11/17/15
	7	11/25/15	Yellowknife	Fuel trucks have trouble climbing hill	Discuss concern with GNWT Fuel Services	04/27/16
	8	11/25/15	Hay River	Outlet cover missing	Replace cover	12/23/15
	9	12/23/15	NTPC	Rubber glove	Research	1/26/16
	10	12/31/15	Yellowknife	Synchronization switch needs interlock	Install proper switch	1/5/15
Q4	1	1/5/16	Behchoko	Baptist church service wire low	Install anchor and guy wire, straighten pole	1/26/16
	2	1/5/16	Behchoko	Housing Authority service wire low	Install anchor and guy wire, straighten pole	1/26/16
	3	1/5/16	Behchoko	Primary wire not secure	Install span of primary conductor	1/26/16
	4	1/7/16	Hay River	Coffee room broken doorknob	Replace doorknob	1/12/16
	5	1/11/16	Yellowknife	Auxiliary genset setup issues	Resolve slip/trip hazards, stairs, etc.	1/12/16
	6	1/13/16	Yellowknife	Arrey Lake low wire	Cut down wire	1/26/16
	7	1/20/16	Fort Simpson	Service truck condition	Assess fleet replacement schedule	2/8/16
	8	1/20/16	Norman Wells	Boom truck condition	Assess condition of truck	2/9/16
	9	1/21/16	Hay River	Closet door damaged	Replace doors	3/7/16
	10	1/22/16	Ft. Simpson	Employee competence	Evaluate performance, restricted duties	1/22/16
	11	1/24/16	Norman Wells	Digger truck condition	Assess condition of truck	2/8/16
	12	1/25/16	Hay River	Smell of gas in office	Detect and repair source of odour	2/16/16



**Health & Safety Program Form:**  
Quarterly Health & Safety Statistics Report

Page 6 of 12

**Monitor:**  
Director, Health, Safety & Environment

Form No.:  
12.2

13	1/25/16	Inuvik	Admin truck condition	Assess condition of truck and repair	2/8/16
14	2/1/16	NTPC	Road travel tracking	Change email address, make log sheet	2/4/16
15	2/3/16	Hay River	Office fan noise	Investigate noise and make repairs	2/4/16
16	2/12/16	Paulatuk	Unfused connection	Evaluate and submit CMMS corrective	-
17	2/25/16	Snare	Crane bridge fall protection	Assess, design, and install lifeline	2/26/16
18	3/1/16	Bluefish	Log puller	Ongoing	-
19	3/1/16	Deline	Inaccessible connection	Order new 8ft ladder	4/25/16
20	3/7/16	Inuvik	Unshovelled walkway	Shovel walkway regularly	3/16/16
21	3/17/16	Inuvik	Asbestos sampling safety	24 hr notice, tailboard with all crew	3/22/16
22	3/17/16	Deline	Lifting beam certification	Consult engineering drawings, certify	3/23/16
23	3/19/16	Snare	Work Permit holder	Assign qualified personnel	04/26/16
24	3/31/16	Ingraham	Snow clearing at substation entrance	Clear snow regularly	4/20/16

7.1 Q1 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	4/3/15	Fort McPherson	Glycol Spill - 325 L	L	Environmental
2	4/5/15	Inuvik	Truck Scrape	L	Vehicle
3	4/9/15	Norman Wells	Outage	L	Outage
4	4/9/15	Aklavik	Front Gate Damage	L	Vehicle
5	4/9/15	Fort McPherson	Glycol Spill - 290 L	L	Environmental
6	4/10/15	Yellowknife	Shock Hazard	H	Electrical Energy
7	4/25/15	Inuvik	Nest Removal Contact	H	Electrical Energy
8	4/29/15	Inuvik	Vehicle Near Miss	L	Vehicle
9	5/5/15	Fort Simpson	Tree on Line	H	Electrical Energy
10	5/14/15	Fort Liard	Tree Removed from Line	M	Work Protection
11	5/20/15	Sachs Harbour	Hand Cut	L	Injury Other
12	5/25/15	Hay River	Cut Finger	M	Injury Other
13	5/26/15	Snare	Asbestos Damage	L	Property Damage
14	5/29/15	Snare	Vehicle Damage	L	Vehicle
15	6/1/15	Bluefish	Cut Foot	L	Injury Other
16	6/1/15	Colville Lake	Contractor PPE	L	PPE
17	6/1/15	Colville Lake	Contractor Management	L	Procedures
18	6/2/15	Ulukhaktok	Battery Explosion	H	Property Damage
19	6/4/15	Inuvik	Pole Fell During Install	M	Near Miss
20	6/8/15	Fort Liard	Premature Breaker Close	M	Electrical Energy
21	6/9/15	Colville Lake	Employee PPE	L	PPE
22	6/10/15	Fort Liard	Sore Back	L	Injury Other
23	6/10/15	Snare	Excavator Window Broke	L	Property Damage
24	6/11/15	Snare	Bear Killed by Truck	L	Vehicle
25	6/11/15	Fort Liard	Vehicle Damage	L	Property Damage
26	6/17/15	Fort Simpson	Glycol Spill - 10 L	L	Environmental
27	6/21/15	Colville Lake	Runway Abnormality	M	Near Miss

7.1 Q1 Incident Report Summary					
#	Date	Location	Description	RPH	Type
28	6/23/15	Tuktoyaktuk	Glycol Spill - 80 L	L	Environmental
29	6/23/15	Tulita	Rib Muscle Strain	L	Injury Other
30	6/29/15	Hay River	UPS Failure	L	Property Damage

\*Contractor incidents are shaded orange, public incidents are shaded blue.

7.2 Q2 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	7/3/15	Fort Smith	Bathroom Slip	L	Slip/Trip/Fall
2	7/6/15	Snare	Finger Strain	L	Injury Other
3	7/6/15	Tuktoyaktuk	Glycol Spill - 160 L	L	Environmental
4	7/6/15	Fort Simpson	Oil Spill - 44 L	L	Environmental
5	7/8/15	Fort Simpson	Concussion	L	Injury Other
6	7/15/15	Hay River	Insect Bite Infection	L	Injury Other
7	7/18/15	Wrigley	Broken Windshield	M	Vehicle
8	7/22/15	Behchoko	3rd Party Pole Damage	H	Electrical Energy
9	7/22/15	Inuvik	Possible Power Theft	L	Regulations
10	7/24/15	Snare	Welding Fire	L	Fire
11	7/27/15	Lutsel K'e	Broken Guy Wire	L	Property Damage
12	8/5/15	Inuvik	Potential Asbestos	L	Other
13	8/7/15	Fort McPherson	Sore Shoulder	L	Injury Other
14	8/7/15	Colville Lake	Ground Grid Damage	L	Property Damage
15	8/7/15	Inuvik	Eye Flush	L	Injury Other
16	8/7/15	Fort Smith	Meter Installed Incorrectly	L	Outage
17	8/9/15	Inuvik	Bunker C Spill - 750 L	L	Environmental
18	8/9/15	Snare	Truck Light Damage	L	Property Damage
19	8/9/15	Snare	Bear Damaged Helmet	L	Property Damage
20	8/10/15	Yellowknife	Exhaust Manifold Fire	L	Fire

7.2 Q2 Incident Report Summary					
#	Date	Location	Description	RPH	Type
21	8/13/15	Colville Lake	Fuel Spill - 30 L	L	Environmental
22	8/13/15	Snare	Welder Shock	M	Electrical Energy
23	8/14/15	Fort McPherson	Vehicle Damage	L	Vehicle
24	8/14/15	Inuvik	Vehicle Window Broke	L	Property Damage
25	8/17/15	Yellowknife	Mobile Genset Fire	H	Fire
26	8/17/15	Yellowknife	EM7 Fire Glycol Spill - 5 L	L	Environmental
27	8/20/15	Fort McPherson	Shoulder Strain	L	Injury Other
28	8/20/15	Snare	Burned Pole	M	Fire
29	8/21/15	Tulita	Pole Damage	M	Property Damage
30	8/21/15	Tuktoyaktuk	Limits of Approach	L	Near Miss
31	8/22/15	Taltson Hydro	Roller Fell	M	Injury Other
32	8/24/15	Taltson Hydro	Debris in Eye	M	Injury Other
33	8/24/15	Colville Lake	Melted Wiring Harness	L	Property Damage
34	8/27/15	Aklavik	Battery Cable Sparks	M	Fire
35	8/28/15	Hay River	Vehicle Damage	L	Property Damage
36	8/30/15	Yellowknife	Unsafe Driving	M	Regulations
37	8/31/15	Colville Lake	Glycol Spill - 5 L	L	Environmental
38	9/1/15	Deline	DVD Player Missing	L	Other
39	9/2/15	Snare	Hard Hat Fell Off	L	Near Miss
40	9/9/15	Colville Lake	Inverter Motor Failure	L	Property Damage
41	9/18/15	Norman Wells	Cut Foot	L	Injury Other
42	9/24/15	Fort Smith	Hand Cut on Mug	M	Injury Other
43	9/29/15	Paulatuk	Breaker Smoke	H	Fire
44	9/29/15	Tuktoyaktuk	3rd Party Line Contact	H	Electrical Energy
45	9/30/15	Snare	Contractors Lost on Lake	M	Near Miss

\*Contractor incidents are shaded orange, public incidents are shaded blue.

7.3 Q3 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	10/3/15	Snare	Radio Lost in Lake	L	Property Damage
2	10/5/15	Fort Smith	Fingers Numb	L	Illness
3	10/6/15	Yellowknife	EM7 Fire Alarm Fault	L	Other
4	10/8/15	Inuvik	Slip and Fall	L	Slip/Trip/Fall
5	10/14/15	Fort Simpson	Fuel Spill - 15 L	L	Environmental
6	10/19/15	Inuvik	Plane Engine Malfunction	L	Vehicle
7	10/20/15	Fort Smith	Loader Hatch Damage	L	Property Damage
8	10/24/15	Jean Marie River	Forehead Cut	L	Injury Other
9	10/26/15	Sachs Harbour	Plane Icing	L	Vehicle
10	10/28/15	Yellowknife	Vehicle Stuck	L	Vehicle
11	10/28/15	Inuvik	Lifted Load Fell	M	Property Damage
12	11/2/15	Yellowknife	Truck Backed Into	L	Vehicle
13	11/5/15	Jean Marie	Hot Work Fire	L	Fire
14	11/5/15	Jean Marie	Entanglement Near Miss	M	Near Miss
15	11/5/15	Inuvik	Loose Lug Nuts	L	Vehicle
16	11/6/15	Yellowknife	Insulator Dropped	L	Property Damage
17	11/17/15	Hay River	Wrist Pain	M	Injury Other
18	11/19/15	Tulita	Glycol Spill (208 L)	L	Environmental
19	11/23/15	Tuktoyaktuk	Glycol Spill (151 L)	L	Environmental
20	11/23/15	Yellowknife	Cut Thumb	M	Injury Other
21	11/25/15	Fort Good Hope	3rd Party Tanker Tip Over	H	Property Damage
22	11/25/15	Hay River	Missing IT Equipment	L	Other
23	12/1/15	Fort Smith	Customer Gate Damage	L	Property Damage
24	12/1/15	Ulukhaktok	Fuel Spill - 300 L	L	Environmental
25	12/2/15	Inuvik	Glycol Spill - 75 L	L	Environmental
26	12/3/15	Yellowknife	Progressive Hearing Loss	M	Injury Other
27	12/20/15	Tuktoyaktuk	Guy Wire Broken	L	Property Damage

\*Contractor incidents are shaded orange, public incidents are shaded blue.

7.4 Q4 Incident Report Summary					
#	Date	Location	Description	RPH	Type
1	1/8/16	Yellowknife	Fall through Floor	M	Injury Other
2	1/9/16	Inuvik	Truck Mirror Damage	L	Property Damage
3	1/13/16	Behchoko	Trip and Fall	M	Slip/Trip/Fall
4	1/13/16	Inuvik	Foot Slip	L	Slip/Trip/Fall
5	1/20/16	Yellowknife	Accidental Fire Alarm	L	Oher
6	1/20/16	Gameti	Vehicle Damage	L	Property Damage
7	1/24/16	Ulukhaktok	Glycol Spill - 20 L	L	Environmental
8	2/1/16	Inuvik	Snowmobile Struck Wire	H	Property Damage
9	2/4/16	Fort Liard	Glycol Spill - 25 L	L	Environmental
10	2/4/16	Paulatuk	PLC Wiring Short	L	Property Damage
11	2/5/16	Inuvik	Crane Struck Worker	M	Near Miss
12	2/5/16	Tuktoyaktuk	Truck Near Miss	L	Near Miss
13	2/8/16	Fort Liard	Glycol Spill - 25 L	L	Environmental
14	2/13/16	Paulatuk	Water Tank Overflow	L	Property Damage
15	2/15/16	Hay River	Elevator Stuck	L	Maintenance
16	3/1/16	Snare	Work Protection	M	Work Protection
17	3/1/16	Inuvik	Bucket Truck Off Road	M	Vehicle
18	3/3/16	Inuvik	Accidental Trip Outage	L	Outage
19	3/8/16	Fort Simpson	Broken Tail Light	L	Property Damage
20	3/11/16	Yellowknife	Slip, No Fall	L	Slip/Trip/Fall
21	3/11/16	Yellowknife	Cable Struck Face	L	Injury Other
22	3/14/16	Whati	Leg Strain Moving Drums	L	Slip/Trip/Fall
23	3/14/16	Snare	Mislabelled Terminal Block	L	Near Miss
24	3/15/16	Fort Liard	Heat Trace Fault Fire	H	Fire
25	3/16/16	Yellowknife	Slip	L	Slip/Trip/Fall
26	3/16/16	Wrigley	Pinched Thumb	L	Injury Other



**Health & Safety Program Form:**  
Quarterly Health & Safety Statistics Report

Page 12 of 12

**Monitor:**  
Director, Health, Safety & Environment

Form No.:  
12.2

7.4 Q4 Incident Report Summary					
#	Date	Location	Description	RPH	Type
27	3/16/16	Dettah	Bucket Truck Malfunction	L	Near Miss
28	3/17/16	Snare	Vehicle Damage	L	Vehicle
29	3/17/16	Aklavik	Glycol Spill - 150 L	L	Environmental
30	3/18/16	Whati	Arm Injury	L	Injury Other
31	3/19/16	Tsiigehtchic	Glycol Splashed Worker	L	Injury Other
32	3/20/16	Yellowknife	Pinched Finger	L	Injury Other
33	3/22/16	Yellowknife	Unlabelled Waste Drums	L	Environmental
34	3/25/16	Lutsel K'e	Trailer Fire	H	Fire
35	3/27/16	Inuvik	Diesel Fuel Spill - 1000 L	M	Environmental

\*Contractor incidents are shaded orange, public incidents are shaded blue.