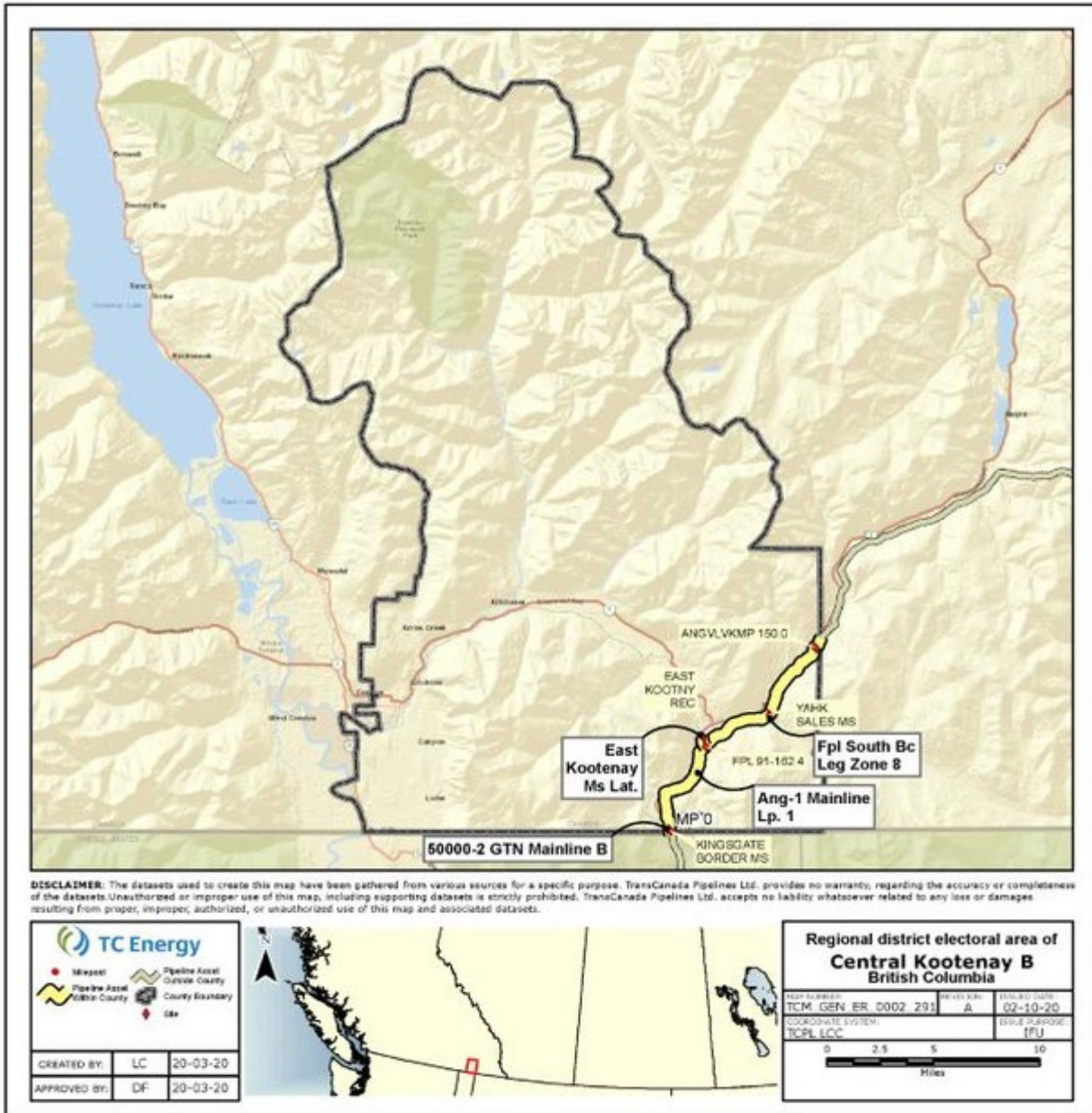


British Columbia

Tier 3 Emergency Response Plans for CER Regulated Assets

Jurisdiction	Central Kootenay B, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution				
FileNet ItemID			1018797480	
<p>The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.</p>				
TC Energy Assets Within Jurisdiction, Detailed List				
Underground Assets				
Pipeline System	Product	Pipe Diameter	MAOP	
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 2B-1 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 2B-2 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
East Kootenay Lateral (Redacted - Criteria 2b 1975)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
East Kootenay Lateral Loop (Redacted - Criteria 2b 2000)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
GTN A Line Kingsgate to MLV 3 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
GTN B Line Kingsgate to MLV 3 (Redacted - Criteria 2b 1994)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
ANGVLVKMP 150.0	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC
Creston Sales Tap	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC
East Kootny Del	002657	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC
East Kootny Rec	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC
FPL 91-162.4	010352-010896	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC
Kingsgate Border Meter Station	002597	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC
Yahk Sales Meter Station	002663	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
Response to Medical Emergencies		
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	650 (2200)	International Border: Canada/US
British Columbia Mainline MLV 2B-1 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 2B-2 (Redacted - Criteria 2b 1961)	550 (1900)	International Border: Canada/US
East Kootenay Lateral (Redacted - Criteria 2b 1975)	200 (660)	None Identified
East Kootenay Lateral Loop (Redacted - Criteria 2b 2000)	200 (660)	None Identified
GTN A Line Kingsgate to MLV 3 (Redacted - Criteria 2b 1961)	550 (1900)	International Border: Canada/US
GTN B Line Kingsgate to MLV 3 (Redacted - Criteria 2b 1994)	650 (2200)	International Border: Canada/US

Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
ANGVLVKMP 150.0	700 (2300)	None Identified
Creston Sales Tap	300 (1000)	None Identified
East Kootny Del	300 (1000)	None Identified
East Kootny Rec	300 (1000)	None Identified
FPL 91-162.4	300 (1000)	None Identified
Kingsgate Border Meter Station	700 (2300)	International Border: Canada/US
Yahk Sales Meter Station	700 (2300)	None Identified

Contact Information			
<i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone
Central Kootenay Fire	Fire Department	N/A	250-352-8198
Creston Emergency Management Agency	Emergency Management	N/A	250-428-0299
Creston Fire Rescue	Fire Department	N/A	250-428-4321
Creston Valley Hospital & Health Centre	Hospital	N/A	250-428-2286
Lister Ambulance Service	Emergency Medical Services	N/A	250-428-8999
Lister Fire Department	Fire Department	N/A	250-428-7777
Royal Canadian Mounted Police (Creston/Canyon/Lister)	Law Enforcement	N/A	250-428-9313
STARS Air Ambulance	Emergency Medical Services	N/A	888-888-4567
Yahk-Kingsgate Volunteer Fire Department	Fire Department	N/A	250-424-5525

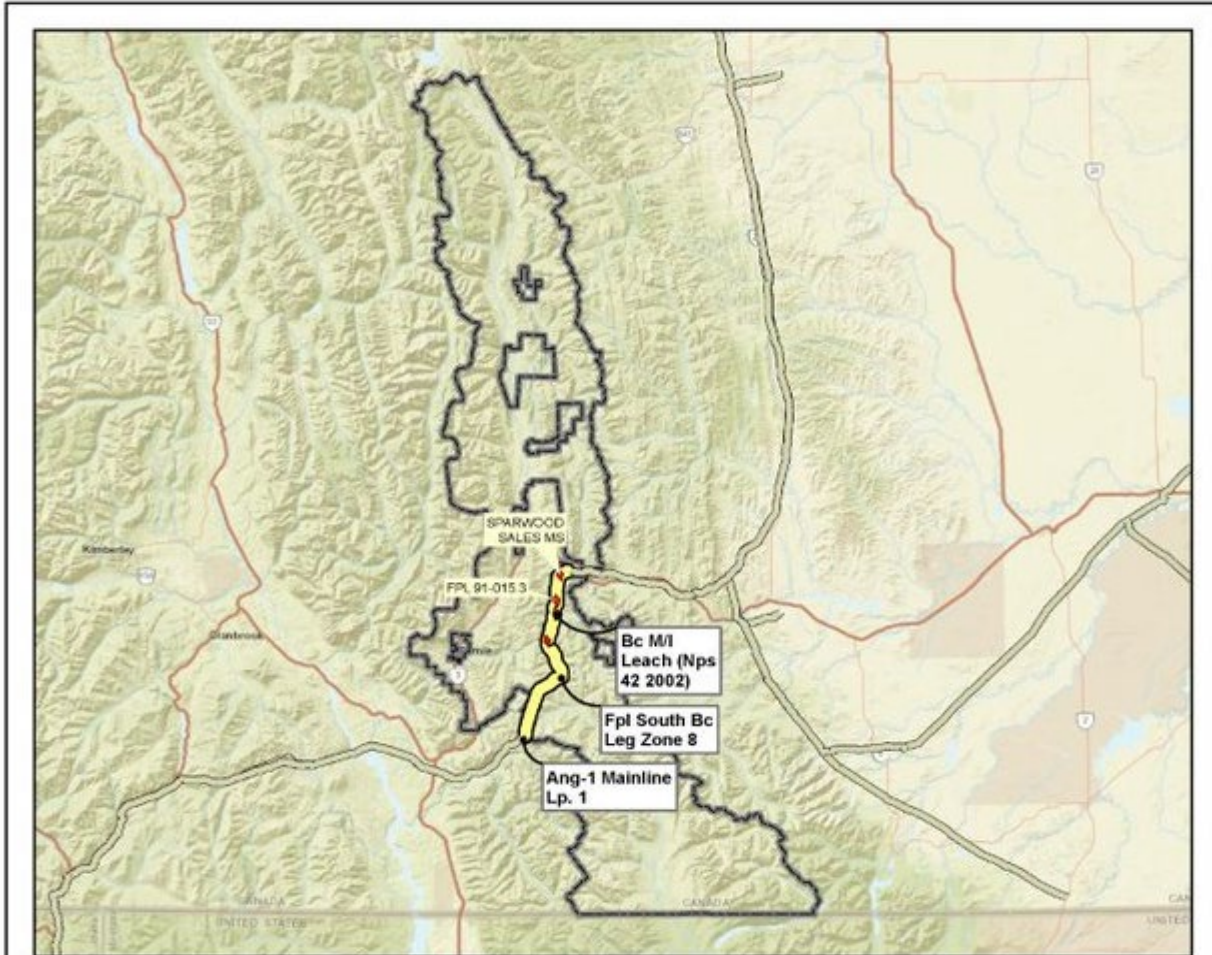
Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone
BC Hydro	Utility Provider	N/A	888-769-3766
Fortis BC	Utility Provider	N/A	800-663-9911
CP Rail	Neighboring Industrial Operator	800-795-7851	250-344-3714
Canfor Industries	Neighboring Industrial Operator	N/A	250-529-7211
Fording Coal	Neighboring Industrial Operator	N/A	250-425-7375
Galloway Lumber	Neighboring Industrial Operator	N/A	250-489-8986
Other Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
Director of Electoral Area B (Kingsgate)	Public Official	N/A	250-428-1993
Mayor - Creston	Public Official	N/A	250-428-6506
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
ANGVLVKMP 150.0	N/A	N/A
Creston Sales Tap	N/A	N/A
East Kootny Del	Area immediately outside the main gate or walking gate of the meter station	N/A
East Kootny Rec	Area immediately outside the main gate or walking gate of the meter station	N/A
FPL 91-162.4		N/A
Kingsgate Border Meter Station	Immediately outside the main gate or walking gate of the meter station	N/A
Yahk Sales Meter Station	N/A	N/A

Attachments		
<i>All documents listed in this section shall be printed and stored with paper copies of this Plan.</i>		
Checklists		
First Responder Checklist (Gas) Incident Commander Checklist		
Forms		
ICS201 Incident Briefing Form ICS214 Incident Briefing Form Job Safety Analysis Form Lockout and Tagout Energy Isolation Plan Form Portable Gas Detector Measurement Form		
Chemical and Waste Inventories		
<p>The most recently completed Chemical Inventory and Waste Storage Inventory for each applicable facility within this jurisdiction should be printed and included with all paper copies of this Plan.</p> <p>The most recently completed inventories are also attached to their respective Maintenance Plans (Work Orders) in SAP Work Manager in accordance with the following tasks:</p> <ul style="list-style-type: none"> • Chemical Inventory Inspection Task Package (DocID 003887957) • Waste Storage Inspection Inventory and Disposal Canada (DocID 005380508) 		
Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canada Gas Operations Emergency Response Plan (printing not required)		
Date of Last Review	10/7/2021	Annual review; added Central Kootenay FD.

Jurisdiction	East Kootenay A, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



DISCLAIMER: The datasets used to create this map have been gathered from various sources for a specific purpose. TransCanada Pipelines Ltd. provides no warranty, regarding the accuracy or completeness of the datasets. Unauthorized or improper use of this map, including supporting datasets is strictly prohibited. TransCanada Pipelines Ltd. accepts no liability whatsoever related to any loss or damages resulting from proper, improper, authorized, or unauthorized use of this map and associated datasets.

Mapset	Pipeline Asset
Pipeline Asset Outside County	County Boundary
Site	
CREATED BY:	LC 20-03-20
APPROVED BY:	DF 20-03-20



Regional district electoral area of East Kootenay A British Columbia		
MAP NUMBER: TCM_GEN_ER_0002_263	REVISION: A	ISSUED DATE: 02-10-20
COORDINATE SYSTEM: TCPL_LCC		ISSUE PURPOSE: IFU

Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution				
FileNet ItemID		1018797486		
The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.				
TC Energy Assets Within Jurisdiction, Detailed List				
Underground Assets				
Pipeline System	Product	Pipe Diameter	MAOP	
British Columbia Mainline MLV 1-1A (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline Loop Leach Creek Section Redacted - Criteria 2b (2002)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 1-1 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 1-2 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Byron Creek Lateral (Redacted - Criteria 2b)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
ANGVLVKMP 024.4	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
Byron Creek Sales Meter Station	002648	Redacted - Criteria 2a	Redacted - Criteria 2a	Sparwood, BC
FPL 91-015.3	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Sparwood, BC
Sparwood Sales Meter Station	002662	Redacted - Criteria 2a	Redacted - Criteria 2a	Sparwood, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
Response to Medical Emergencies		
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
British Columbia Mainline MLV 1-1A (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	650 (2200)	None Identified
British Columbia Mainline Loop Leach Creek Section Redacted - Criteria 2b (2002)	800 (2700)	None Identified
British Columbia Mainline MLV 1-1 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 1-2 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
Byron Creek Lateral (Redacted - Criteria 2b)	N/A	None Identified
Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
ANGVLVKMP024.4	700 (2300)	None Identified
Byron Creek Sales Meter Station	N/A	None Identified
FPL 91-015.3	850 (2800)	None Identified
Sparwood Sales Meter Station	850 (2800)	None Identified

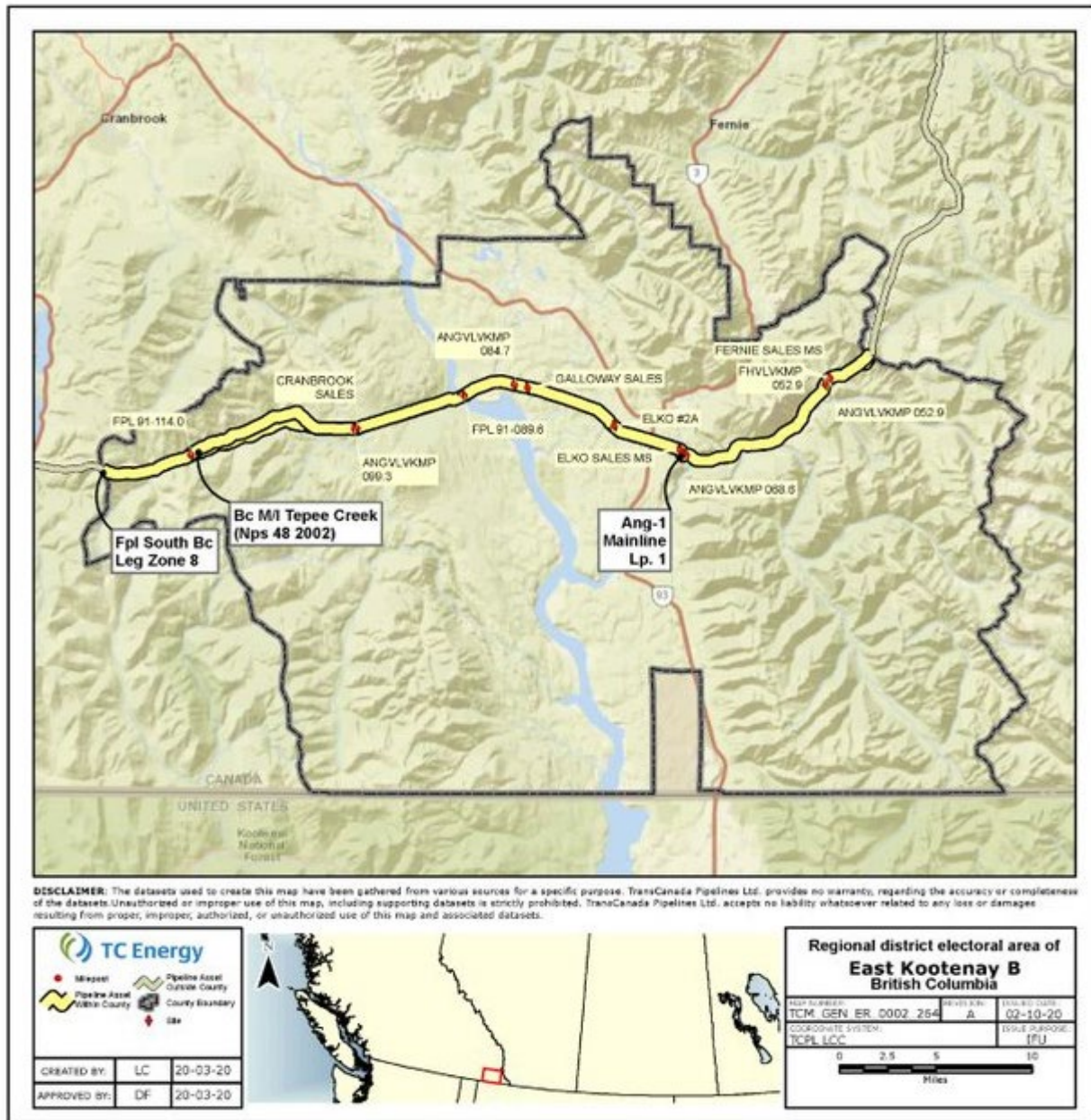
Contact Information			
<i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone
Baynes Lake Fire Department	Fire Department	N/A	250-529-7451
Cranbrook Fire	Fire Department	N/A	250-426-2325
East Kootenay Fire	Fire Department	N/A	250-421-1995
Elk Valley Hospital	Hospital	N/A	250-423-4453
Fernie Fire Hall	Fire Department	N/A	250-423-4226
Royal Canadian Mounted Police – Fernie	Law Enforcement	N/A	250-423-4404
Royal Canadian Mounted Police - Sparwood	Law Enforcement	N/A	250-425-6233
Sparwood Fire	Fire Department	N/A	250-425-0558
STARS Air Ambulance	Emergency Medical Services	N/A	888-888-4567
Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone
Canfor Industries	Other	N/A	250-529-7211
Other Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
ANGVLVKMP 024.4	N/A	N/A
Byron Creek Sales Meter Station	N/A	N/A
FPL 91-015.3	N/A	N/A
Sparwood Sales Meter Station	N/A	N/A

Attachments		
<i>All documents listed in this section shall be printed and stored with paper copies of this Plan.</i>		
Checklists		
First Responder Checklist (Gas) Incident Commander Checklist		
Forms		
ICS 201 Incident Briefing Form ICS 214 Incident Briefing Form Job Safety Analysis Form Lockout and Tagout Energy Isolation Plan Form Portable Gas Detector Measurement Form		
Chemical and Waste Inventories		
<p>The most recently completed Chemical Inventory and Waste Storage Inventory for each applicable facility within this jurisdiction should be printed and included with all paper copies of this Plan.</p> <p>The most recently completed inventories are also attached to their respective Maintenance Plans (Work Orders) in SAP Work Manager in accordance with the following tasks:</p> <ul style="list-style-type: none"> • Chemical Inventory Inspection Task Package (DocID 003887957) • Waste Storage Inspection Inventory and Disposal Canada (DocID 005380508) 		
Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canada Gas Operations Emergency Response Plan (printing not required)		
Date of Last Review	10/7/2021	Annual review; added Cranbrook, Sparwood and East Kootenay FDs.

Jurisdiction	East Kootenay B, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution			
FileNet ItemID		1018797487	
<p><i>The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.</i></p>			
TC Energy Assets Within Jurisdiction, Detailed List			
Underground Assets			
Pipeline System	Product	Pipe Diameter	MAOP
ANG Mainline Loop 1 MLV 1-1 Elk River (Redacted - Criteria 2b 1980)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c
British Columbia Mainline Loop Tepee Creek Section (Redacted - Criteria 2b 2002)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c
British Columbia Mainline MLV 1-2 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c
British Columbia Mainline MLV 1-3 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c
British Columbia Mainline MLV 1-4 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c
British Columbia Mainline MLV 2A-0 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c
British Columbia Mainline MLV 2A-1 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c

Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
ANGVLVKMP052.9	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
ANGVLVKMP068.6	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
ANGVLVKMP069.4	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
ANGVLVKMP084.7	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
ANGVLVKMP099.3	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Cranbrook, BC
Cranbrook Sales	002649	Redacted - Criteria 2a	Redacted - Criteria 2a	Cranbrook, BC
Elko #2A	002658	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
Elko Sales Meter Station	002659	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
Fernie Sales Meter Station	002660	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
FHVLVKMP052.9	010352	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
FPL 91-089.6	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC
FPL 91-114.0	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Cranbrook, BC
Galloway Sales	002661	Redacted - Criteria 2a	Redacted - Criteria 2a	Fernie, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
Response to Medical Emergencies		
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
ANG Mainline Loop 1 MLV 1-1 Elk River (Redacted - Criteria 2b 1980)	550 (1900)	None Identified
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	650 (2200)	None Identified
British Columbia Mainline Loop Tepee Creek Section (Redacted - Criteria 2b 2002)	800 (2700)	None Identified
British Columbia Mainline MLV 1-2 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 1-3 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 1-4 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 2A-0 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 2A-1 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified

Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
ANGVLVKMP 052.9	700 (2300)	None Identified
ANGVLVKMP 068.6	700 (2300)	None Identified
ANGVLVKMP 069.4	700 (2300)	None Identified
ANGVLVKMP 084.7	700 (2300)	None Identified
ANGVLVKMP 099.3	850 (2800)	None Identified
Cranbrook Sales	700 (2300)	None Identified
Elko #2A	700 (2300)	None Identified
Elko Sales Meter Station	700 (2300)	None Identified
Fernie Sales Meter Station	850 (2800)	None Identified
FHVLVKMP 052.9	850 (2800)	None Identified
FPL 91-089.6	700 (2300)	None Identified
FPL 91-114.0	700 (2300)	None Identified
Galloway Sales	850 (2800)	None Identified

Contact Information			
<i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone
City of Fernie Police Department	Law Enforcement	N/A	250-423-4404
Elk Valley & South Country Fire Chief	Fire Department	N/A	250-919-4395
Elk Valley Hospital	Hospital	N/A	250-423-4453
Fernie Fire Hall	Fire Department	N/A	250-423-4226
Royal Canadian Mounted Police – Sparwood	Law Enforcement	N/A	250-425-6233
Sparwood Fire Department	Fire Department	N/A	250-425-6271
STARS Air Ambulance	Emergency Medical Services	N/A	888-888-4567

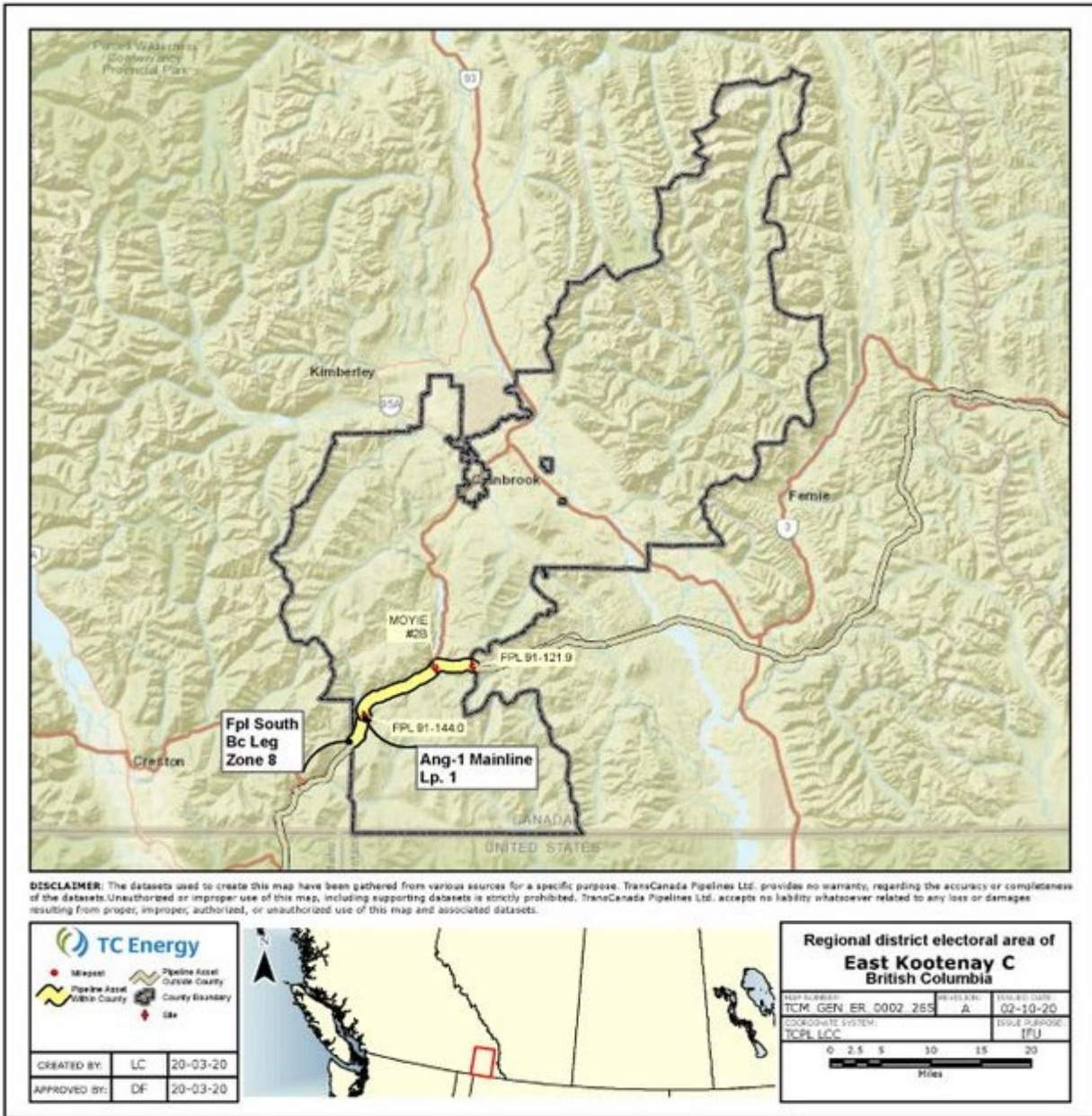
Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone
Fortis BC, Inc.	Customer	N/A	800-663-9911
Other Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
Mayor - Fernie	Public Official	N/A	250-423-2233
Regional District of East Kootenay	Public Official	N/A	250-489-2791
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
ANGVLVKMP 052.9	N/A	N/A
ANGVLVKMP 068.6	N/A	N/A
ANGVLVKMP 069.4	N/A	N/A
ANGVLVKMP 084.7	N/A	N/A
ANGVLVKMP 099.3	N/A	N/A
Cranbrook Sales	N/A	N/A
Elko #2A	Southwest side of the station yard at the main gate	N/A
Elko Sales Meter Station	N/A	N/A
Fernie Sales Meter Station	N/A	N/A
FHVLVKMP 052.9	N/A	N/A
FPL 91-089.6	N/A	N/A
FPL 91-114.0	N/A	N/A
Galloway Sales	N/A	N/A

Attachments		
<i>All documents listed in this section shall be printed and stored with paper copies of this Plan.</i>		
Checklists		
First Responder Checklist (Gas) Incident Commander Checklist		
Forms		
ICS 201 Incident Briefing Form ICS 214 Incident Briefing Form Job Safety Analysis Form Lockout and Tagout Energy Isolation Plan Form Portable Gas Detector Measurement Form		
Chemical and Waste Inventories		
<p>The most recently completed Chemical Inventory and Waste Storage Inventory for each applicable facility within this jurisdiction should be printed and included with all paper copies of this Plan.</p> <p>The most recently completed inventories are also attached to their respective Maintenance Plans (Work Orders) in SAP Work Manager in accordance with the following tasks:</p> <ul style="list-style-type: none"> • Chemical Inventory Inspection Task Package (DocID 003887957) • Waste Storage Inspection Inventory and Disposal Canada (DocID 005380508) 		
Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canada Gas Operations Emergency Response Plan (printing not required)		
Date of Last Review	10/7/2021	Annual review- no changes made.

Jurisdiction	East Kootenay C, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution				
FileNet ItemID			1018797488	
<p><i>The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.</i></p>				
TC Energy Assets Within Jurisdiction, Detailed List				
Underground Assets				
Pipeline System	Product	Pipe Diameter	MAOP	
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 2A-1 (NPS 36 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 2B-0 (NPS 36 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 2B-1 (NPS 36 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
FPL 91-121.9	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Cranbrook, BC
FPL 91-144.0	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Kitchener, BC
Moyie #2B	002352	Redacted - Criteria 2a	Redacted - Criteria 2a	Cranbrook, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
Response to Medical Emergencies		
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	650 (2200)	None Identified
British Columbia Mainline MLV 2A-1 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 2B-0 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
British Columbia Mainline MLV 2B-1 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
FPL 91-121.9	700 (2300)	None Identified
FPL 91-144.0	700 (2300)	None Identified
Moyie #2B	700 (2300)	None Identified

Contact Information			
<i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone
City of Cranbrook Fire & Emergency Services	Fire Department	N/A	250-426-2325
East Kootenay Regional Hospital	Hospital	N/A	250-426-5281
Royal Canadian Mounted Police – City of Cranbrook	Law Enforcement	N/A	250-489-3471
STARS Air Ambulance	Emergency Medical Services	N/A	888-888-4567

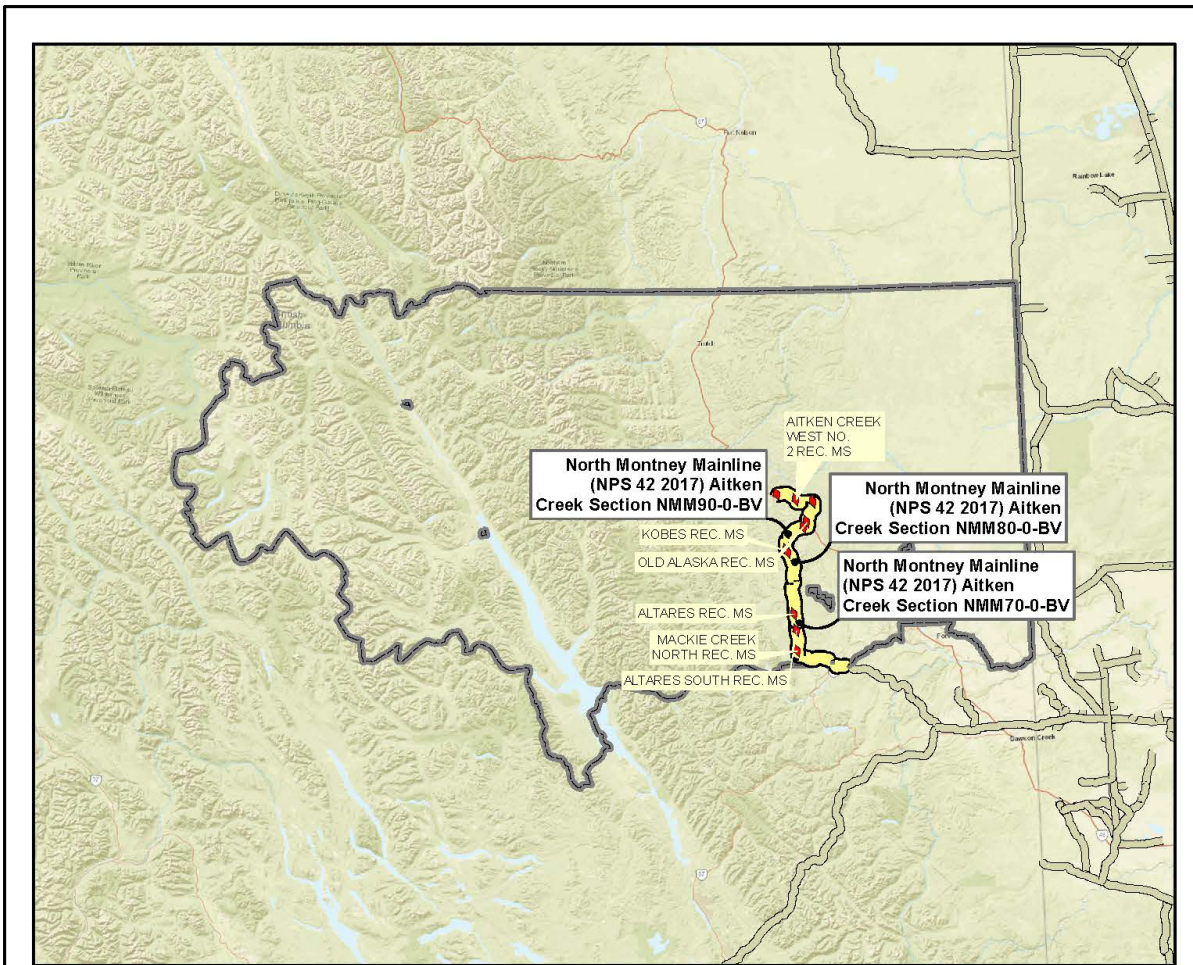
Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone
Fortis BC, Inc.	Customer	N/A	800-663-9911
Other Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
Mayor - Cranbrook	Public Official	N/A	250-489-0200
Regional District of East Kootenay	Public Official	N/A	250-489-2791
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
FPL 91-121.9	N/A	N/A
FPL 91-144.0	N/A	N/A
Moyie #2B	Southwest side of the station yard at the main gate	N/A

Attachments		
<i>All documents listed in this section shall be printed and stored with paper copies of this Plan.</i>		
Checklists		
First Responder Checklist (Gas) Incident Commander Checklist		
Forms		
ICS201 Incident Briefing Form ICS214 Incident Briefing Form Job Safety Analysis Form Lockout and Tagout Energy Isolation Plan Form Portable Gas Detector Measurement Form		
Chemical and Waste Inventories		
<p>The most recently completed Chemical Inventory and Waste Storage Inventory for each applicable facility within this jurisdiction should be printed and included with all paper copies of this Plan.</p> <p>The most recently completed inventories are also attached to their respective Maintenance Plans (Work Orders) in SAP Work Manager in accordance with the following tasks:</p> <ul style="list-style-type: none"> • Chemical Inventory Inspection Task Package (DocID 003887957) • Waste Storage Inspection Inventory and Disposal Canada (DocID 005380508) 		
Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canada Gas Operations Emergency Response Plan (printing not required)		
Date of Last Review	10/7/2021	Annual review- no changes made.

Jurisdiction	Peace River B, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



DISCLAIMER: The datasets used to create this map have been gathered from various sources for a specific purpose. TransCanada Pipelines Ltd. provides no warranty, regarding the accuracy or completeness of the datasets. Unauthorized or improper use of this map, including supporting datasets is strictly prohibited. TransCanada Pipelines Ltd. accepts no liability whatsoever related to any loss or damages resulting from proper, improper, authorized, or unauthorized use of this map and associated datasets.

<ul style="list-style-type: none"> Milepost Pipeline Asset Outside County Pipeline Asset Within County County Boundary Site <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CREATED BY:</td> <td>LC</td> <td>18-01-21</td> </tr> <tr> <td>APPROVED BY:</td> <td>DF</td> <td>18-01-21</td> </tr> </table>	CREATED BY:	LC	18-01-21	APPROVED BY:	DF	18-01-21		<p style="text-align: center;">Regional District Electoral Area of Peace River B British Columbia</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>MAP NUMBER: TCM_GEN_ER_0003_295</td> <td>REVISION: A</td> <td>ISSUED DATE: 18-01-21</td> </tr> <tr> <td colspan="2">COORDINATE SYSTEM: TCPL Lambert Conformal Conic</td> <td>ISSUE PURPOSE: IFU</td> </tr> </table> <div style="text-align: center;"> <p>Kilometers</p> </div>	MAP NUMBER: TCM_GEN_ER_0003_295	REVISION: A	ISSUED DATE: 18-01-21	COORDINATE SYSTEM: TCPL Lambert Conformal Conic		ISSUE PURPOSE: IFU
CREATED BY:	LC	18-01-21												
APPROVED BY:	DF	18-01-21												
MAP NUMBER: TCM_GEN_ER_0003_295	REVISION: A	ISSUED DATE: 18-01-21												
COORDINATE SYSTEM: TCPL Lambert Conformal Conic		ISSUE PURPOSE: IFU												

Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution				
FileNet ItemID			1017357583	
<p>The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.</p>				
TC Energy Assets Within Jurisdiction, Detailed List				
Underground Assets				
Pipeline System	Product	Pipe Diameter	MAOP	
North Montney Mainline (Redacted - Criteria 2b 2017) Aitken Creek Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
North Montney Mainline (Redacted - Criteria 2b 2017) Kahta Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
Aitken Creek Interconnect Meter Station	018266	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Aitken Creek South Receipt Meter Station	074283	Redacted - Criteria 2a	Redacted - Criteria 2a	
Aitken Creek West No. 2 Receipt Meter Station	074284	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Altares Receipt Meter Station	018132	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Altares South Receipt Meter Station	074279	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Blair Creek Receipt Meter Station	018276	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Gundy Receipt Meter Station	016381	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Gundy West Receipt Meter Station	074280	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Kobes Receipt Meter Station	018169	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Mackie Creek North Receipt Meter Station	074278	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Old Alaska Receipt Meter Station	N/A	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Townsend 1 & 2 Receipt Meter Stations	018305	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
	Response to Medical Emergencies	
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
North Montney Mainline (Redacted - Criteria 2b 2017) Aitken Creek Section	600 (2000)	None Identified
North Montney Mainline (Redacted - Criteria 2b 2017) Kahta Section	600 (2000)	None Identified

Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
Aitken Creek Interconnect Meter Station	850 (2800)	None Identified
Aitken Creek South Receipt Meter Station	850 (2800)	None Identified
Aitken Creek West No. 2 Receipt Meter Station	850 (2800)	None Identified
Altares Receipt Meter Station	850 (2800)	None Identified
Altares South Receipt Meter Station	850 (2800)	None Identified
Blair Creek Receipt Meter Station	850 (2800)	None Identified
Gundy Receipt Meter Station	850 (2800)	None Identified
Gundy West Receipt Meter Station	850 (2800)	None Identified
Kobes Receipt Meter Station	600 (2000)	None Identified
Mackie Creek North Receipt Meter Station	850 (2800)	None Identified
Old Alaska Receipt Meter Station	850 (2800)	None Identified
Townsend Receipt Meter Station	850 (2800)	None Identified

Contact Information			
<i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone

Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone

Other Rightsholders & Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
Peace River Municipal Contact (Dawson Creek)	Public Official	N/A	250-784-3200

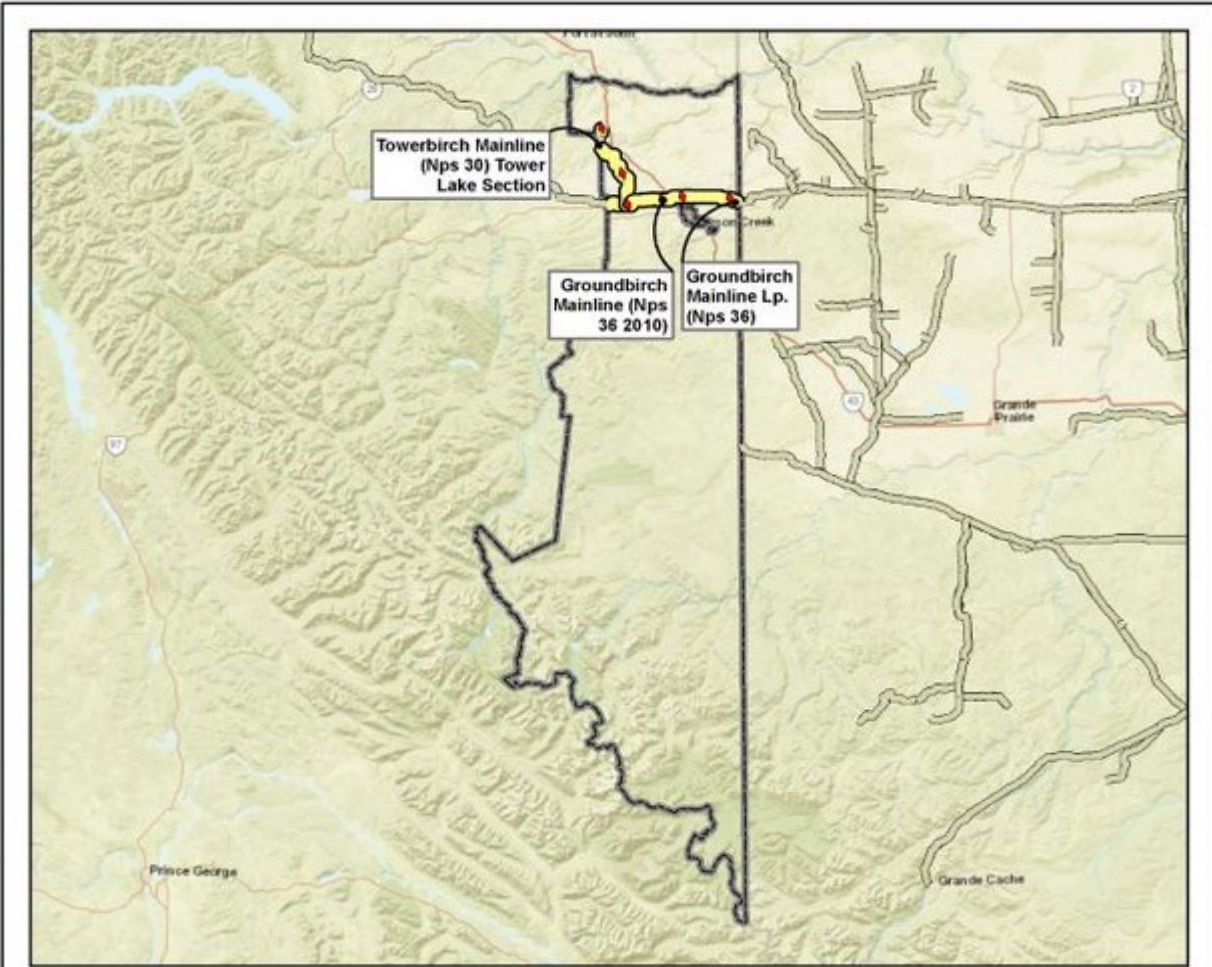
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
Aitken Creek Interconnect Meter Station	N/A	N/A
Aitken Creek South Receipt Meter Station	N/A	N/A
Aitken Creek West No. 2 Receipt Meter Station	N/A	N/A
Altares Receipt Meter Station	N/A	N/A
Altares South Receipt Meter Station	N/A	N/A
Blair Creek Receipt Meter Station	N/A	N/A
Gundy Receipt Meter Station	N/A	N/A
Gundy West Receipt Meter Station	N/A	N/A
Kobes Receipt Meter Station	N/A	N/A
Mackie Creek North Receipt Meter Station	N/A	N/A
Old Alaska Receipt Meter Station	N/A	N/A
Townsend Receipt Meter Station	N/A	N/A

Attachments		
<i>All documents listed in this section shall be printed and stored with paper copies of this Plan.</i>		
Checklists		
First Responder Checklist (Gas) Incident Commander Checklist		
Forms		
ICS201 Incident Briefing Form ICS214 Incident Briefing Form Job Safety Analysis Form Lockout and Tagout Energy Isolation Plan Form Portable Gas Detector Measurement Form		
Chemical and Waste Inventories		
<p>The most recently completed Chemical Inventory and Waste Storage Inventory for each applicable facility within this jurisdiction should be printed and included with all paper copies of this Plan.</p> <p>The most recently completed inventories are also attached to their respective Maintenance Plans (Work Orders) in SAP Work Manager in accordance with the following tasks:</p> <ul style="list-style-type: none"> • Chemical Inventory Inspection Task Package (DocID 003887957) • Waste Storage Inspection Inventory and Disposal Canada (DocID 005380508) 		
Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canadian Gas Operations Emergency Response Plan (CAN) (1018079073)		
Date of Last Review	10/22/2021	Annual review; added Kobes Receipt Meter Station to Above Ground Assets.

Jurisdiction	Peace River D, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



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TC Energy

- Milepost
- ▬ Pipeline Asset
- ▬ Pipeline Asset Within County
- ▬ Pipeline Asset Outside County
- ▬ County Boundary
- Site

CREATED BY:	LC	20-03-20
APPROVED BY:	DF	20-03-20



**Regional district electoral area of
Peace River D
British Columbia**

MAP NUMBER: TCM_GEN_ER_0002_340	REVISION: A	ISSUE DATE: 02-10-20
COORDINATE SYSTEM: TCPL_LCC		ISSUE PURPOSE: (IFU)

Miles

Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution				
FileNet ItemID			1018792607	
The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.				
TC Energy Assets Within Jurisdiction, Detailed List				
Underground Assets				
Pipeline System	Product	Pipe Diameter	MAOP	
Groundbirch Mainline (Redacted - Criteria 2b 2010)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Groundbirch Mainline Loop (Redacted - Criteria 2b 2017) AB Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Groundbirch Mainline Loop (Redacted - Criteria 2b 2017) BC Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Towerbirch Mainline (Redacted - Criteria 2b 2017) Tower Lake Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
Dawson Creek East Receipt Meter Station	018491	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Dawson Creek North Receipt Meter Station	018492	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Dawson Creek Receipt Meter Station	016449	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
GBR20	011213	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Groundbirch Compressor Station	018331	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Tower Lake Receipt Meter Station	018498	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Tremblay No. 2 Receipt Meter Station	004456	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Tremblay No. 3 Receipt Meter Station	004499	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Tremblay Receipt Meter Station	004455	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
Response to Medical Emergencies		
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
Groundbirch Mainline (Redacted - Criteria 2b 2010)	600 (2000)	None Identified
Groundbirch Mainline Loop (Redacted - Criteria 2b 2017) AB Section	600 (2000)	None Identified
Groundbirch Mainline Loop (Redacted - Criteria 2b 2017) BC Section	600 (2000)	None Identified
Towerbirch Mainline (Redacted - Criteria 2b 2017) Tower Lake Section	500 (17000)	None Identified

Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
Dawson Creek East Receipt Meter Station	850 (2800)	None Identified
Dawson Creek North Receipt Meter Station	750 (2500)	None Identified
Dawson Creek Receipt Meter Station	750 (2500)	None Identified
GBR20	850 (2800)	None Identified
Groundbirch Compressor Station	850 (2800)	None Identified
Tower Lake Receipt Meter Station	750 (2500)	None Identified
Tremblay No. 2 Receipt Meter Station	850 (2800)	None Identified
Tremblay No. 3 Receipt Meter Station	850 (2800)	None Identified
Temblay Receipt Meter Station	850 (2800)	None Identified

Contact Information <i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone
Charlie Lake Fire Department	Fire Department	N/A	250-785-1424

Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone

Other Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
Peace River Municipal Contact (Dawson Creek)	Public Official	N/A	250-784-3200

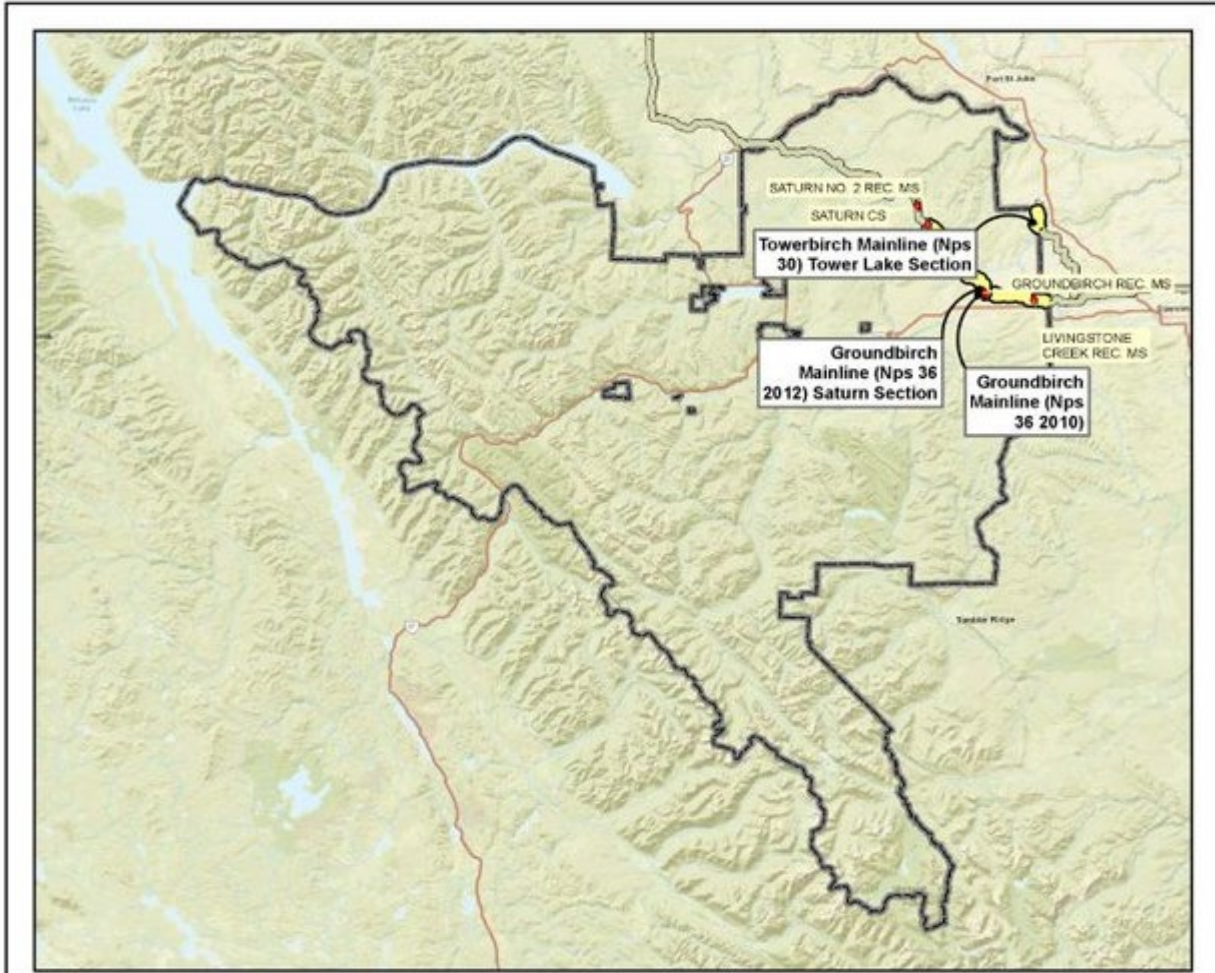
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
Dawson Creek East Receipt Meter Station	N/A	N/A
Dawson Creek North Receipt Meter Station	N/A	N/A
Dawson Creek Receipt Meter Station	N/A	N/A
GBR20	N/A	N/A
Groundbirch Compressor Station	N/A	N/A
Tower Lake Receipt Meter Station	N/A	N/A
Tremblay No. 2 Receipt Meter Station	N/A	N/A
Tremblay No. 3 Receipt Meter Station	N/A	N/A
Temblay Receipt Meter Station	N/A	N/A

Attachments		
<i>All documents listed in this section shall be printed and stored with paper copies of this Plan.</i>		
Checklists		
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Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canadian Gas Operations Emergency Response Plan (CAN) (1018079073)		
Date of Last Review	10/22/2021	Annual review; no changes.

Jurisdiction	Peace River E, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



DISCLAIMER: The datasets used to create this map have been gathered from various sources for a specific purpose. TransCanada Pipelines Ltd. provides no warranty, regarding the accuracy or completeness of the datasets. Unauthorized or improper use of this map, including supporting datasets is strictly prohibited. TransCanada Pipelines Ltd. accepts no liability whatsoever related to any loss or damage resulting from proper, improper, authorized, or unauthorized use of this map and associated datasets.

<ul style="list-style-type: none"> ● Wellpad ● Pipeline Asset ● Pipeline Asset Outside County ● Pipeline Asset Outside County ● County Boundary ● Site 		<p style="text-align: center;">Regional district electoral area of Peace River E British Columbia</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>MAP NUMBER: TCM_GEN_ER_0002_341</td> <td>REVISION: A</td> <td>ISSUED DATE: 02-10-20</td> </tr> <tr> <td colspan="2">COORDINATE SYSTEM: TCPL_LCC</td> <td>SCALE PURPOSE: IFU</td> </tr> </table> <div style="text-align: center;"> <p>Miles</p> </div>	MAP NUMBER: TCM_GEN_ER_0002_341	REVISION: A	ISSUED DATE: 02-10-20	COORDINATE SYSTEM: TCPL_LCC		SCALE PURPOSE: IFU
MAP NUMBER: TCM_GEN_ER_0002_341	REVISION: A	ISSUED DATE: 02-10-20						
COORDINATE SYSTEM: TCPL_LCC		SCALE PURPOSE: IFU						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">CREATED BY:</td> <td style="width: 30%;">LC</td> <td style="width: 40%;">20-03-20</td> </tr> <tr> <td>APPROVED BY:</td> <td>DF</td> <td>20-03-20</td> </tr> </table>	CREATED BY:	LC	20-03-20	APPROVED BY:	DF	20-03-20		
CREATED BY:	LC	20-03-20						
APPROVED BY:	DF	20-03-20						

Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution				
FileNet ItemID			1018792608	
The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.				
TC Energy Assets Within Jurisdiction, Detailed List				
Underground Assets				
Pipeline System	Product	Pipe Diameter	MAOP	
Groundbirch Mainline (Redacted - Criteria 2b 2010)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Groundbirch Mainline (Redacted - Criteria 2b 2012) Saturn Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
North Montney Mainline (Redacted - Criteria 2b 2017) Aitken Creek Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Towerbirch Mainline (Redacted - Criteria 2b 2017) Tower Lake Section	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
Groundbirch East Receipt Meter Station	004671	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Groundbirch Receipt Meter Station	004454	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Livingstone Creek No. 2 Receipt Meter Station	018237	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Livingstone Creek Receipt Meter Station	018164	Redacted - Criteria 2a	Redacted - Criteria 2a	Dawson Creek, BC
Saturn Compressor Station	018342	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Saturn Receipt Meter Station	004548	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC
Saturn No. 2 Receipt Meter Station	018533	Redacted - Criteria 2a	Redacted - Criteria 2a	Fort St John, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
Response to Medical Emergencies		
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
Groundbirch Mainline (Redacted - Criteria 2a 2010)	600 (2000)	None Identified
Groundbirch Mainline (Redacted - Criteria 2a 2012) Saturn Section	600 (2000)	None Identified
North Montney Mainline (Redacted - Criteria 2a 2017) Aitken Creek Section	600 (2000)	None Identified
Towerbirch Mainline (Redacted - Criteria 2a 2017) Tower Lake Section	600 (2000)	None Identified
Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
Groundbirch East Receipt Meter Station	850 (2800)	None Identified
Groundbirch Receipt Meter Station	850 (2800)	None Identified
Livingstone Creek No. 2 Receipt Meter Station	850 (2800)	None Identified
Livingstone Creek Receipt Meter Station	850 (2800)	None Identified
Saturn Compressor Station	850 (2800)	None Identified

Saturn Receipt Meter Station	850 (2800)	None Identified
Saturn No. 2 Receipt Meter Station	850 (2800)	None Identified

Contact Information <i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone
Charlie Lake Fire Department	Fire Department	N/A	250-785-1424

Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone

Other Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
Peace River Municipal Contact (Dawson Creek)	Public Official	N/A	250-784-3200

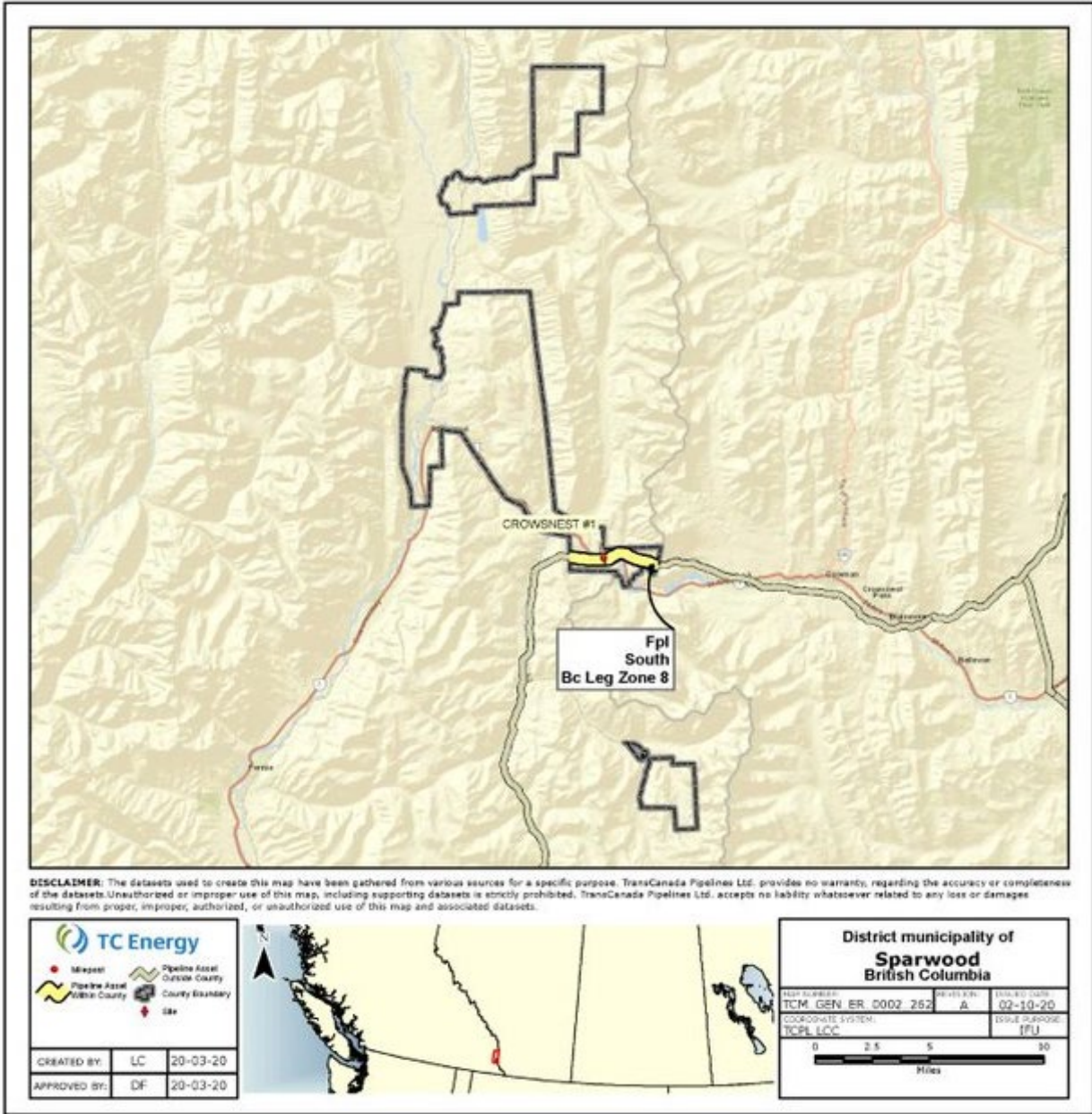
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
Groundbirch East Receipt Meter Station	N/A	N/A
Groundbirch Receipt Meter Station	N/A	N/A
Livingstone Creek No. 2 Receipt Meter Station	N/A	N/A
Livingstone Creek Receipt Meter Station	N/A	N/A
Saturn Compressor Station	N/A	N/A
Saturn Receipt Meter Station	N/A	N/A
Saturn No. 2 Receipt Meter Station	N/A	N/A

Attachments		
<i>All documents listed in this section shall be printed and stored with paper copies of this Plan.</i>		
Checklists		
First Responder Checklist (Gas) Incident Commander Checklist		
Forms		
ICS201 Incident Briefing Form ICS214 Incident Briefing Form Job Safety Analysis Form Lockout and Tagout Energy Isolation Plan Form Portable Gas Detector Measurement Form		
Chemical and Waste Inventories		
<p>The most recently completed Chemical Inventory and Waste Storage Inventory for each applicable facility within this jurisdiction should be printed and included with all paper copies of this Plan.</p> <p>The most recently completed inventories are also attached to their respective Maintenance Plans (Work Orders) in SAP Work Manager in accordance with the following tasks:</p> <ul style="list-style-type: none"> • Chemical Inventory Inspection Task Package (DocID 003887957) • Waste Storage Inspection Inventory and Disposal Canada (DocID 005380508) 		
Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canadian Gas Operations Emergency Response Plan (CAN) (1018079073)		
Date of Last Review	10/22/2021	Annual review; no changes made.

Jurisdiction	Sparwood, BC (CAN)
TC Energy Assets Within Jurisdiction	Nova Gas Transmission Ltd. System (NGTL)

Map



Company First Responder actions are guided by the applicable Company First Responder Checklist (hyperlinked in the Attachments to this Plan) for all hazards and all emergency events.

Plan Distribution				
FileNet ItemID			1018797532	
<p><i>The official version of this plan is accessible through FileNet. Offline versions are stored in accordance with the Tier 3 Emergency Response Plan Development and Maintenance Task Package.</i></p>				
TC Energy Assets Within Jurisdiction, Detailed List				
Underground Assets				
Pipeline System	Product	Pipe Diameter	MAOP	
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 1-0 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
British Columbia Mainline MLV 1-1 (Redacted - Criteria 2b 1961)	Natural Gas	Redacted - Criteria 2b	Redacted - Criteria 2c	
Above Ground Facilities				
Site Name (System)	FLOC	911 Address or Legal Land Description	Latitude, Longitude	Nearest Community
Crowsnest No. 1	000001	Redacted - Criteria 2a	Redacted - Criteria 2a	Sparwood, BC

Hazard Identification		
Asset/System Name	Hazard <i>Refer to Section 2 of the Emergency Management Corporate Program Manual or applicable Tier 2 Emergency Response Plan</i>	Response Procedure Reference
Nova Gas Transmission Ltd. System (NGTL)	Gas Detected Inside or Near a Building	Canadian Gas Operations Emergency Response Plan (CDN) 5.0 Plan Implementation
	Line Rupture, Fire, or Explosion	
	Sour Gas Detected at or Near Facility	
	Flood	
	Landslide/Rockslide	
	Forest Fire	
	Tornado/Thunderstorm	
	Ice Storm/Blizzard	
	Security Incidents (Bomb Threat/Suspicious Mail)	
	Response to Medical Emergencies	
Emergency Consequence Assessment for Pipeline Rupture		
Underground Assets		
Asset/System Name	Emergency Planning Zone, m (ft)	Potential Receptors (distance, direction)
British Columbia Mainline Loop (Redacted - Criteria 2b 1980)	650 (2200)	Provincial Park: Crowsnest
British Columbia Mainline MLV 1-0 (Redacted - Criteria 2b 1961)	500 91700)	Provincial Park: Crowsnest
British Columbia Mainline MLV 1-1 (Redacted - Criteria 2b 1961)	550 (1900)	None Identified
Above Ground Facilities		
Site Name (System)	Protective Action Distance, m (ft)	Potential Receptors (distance, direction)
Crowsnest No. 1	700 (2300)	None Identified

Contact Information			
<i>Information listed in this section will be publicly available.</i>			
Internal – TC Emergency Line			
Asset/Pipeline System	Emergency Line	Telephone Number	
Nova Gas Transmission Ltd. System (NGTL)	3 rd Party (Surecall – Calgary), then transferred to Canada Gas Control	1-888-982-7222	
<i>Contact information for internal Field Operations leaders, Control Centers, and Subject Matter Experts are listed in the attached Internal Contact List. Company employees should call the Control Center directly in an emergency.</i>			
External			
Emergency Services			
Agency Name	Agency Type	24 Hour Telephone	Non-Emergency Telephone
Crowsnest Fire Department	Fire Department	N/A	403-562-8833
Crowsnest Pass Hospital	Hospital	N/A	403-562-2831
Sparwood Director of Fire Services	Fire Department	N/A	250-425-0558
Elk Valley Hospital	Hospital	N/A	250-423-4453
Royal Canadian Mounted Police - Crowsnest	Law Enforcement	N/A	403-562-2866
Royal Canadian Mounted Police – Sparwood	Law Enforcement	N/A	250-425-6233
Sparwood Fire Department	Fire Department	N/A	250-425-6271
STARS Air Ambulance	Emergency Medical Services	N/A	888-888-4567

Mutual Aid and Industry Partners			
Company Name	Company Type	24 Hour Telephone	Non-Emergency Telephone
BC Hydro	Utility Provider	N/A	888-769-3766
Canfor Industries	Neighboring Industrial Operator	N/A	250-529-7211
CP Rail	Neighboring Industrial Operator	800-716-9132	250-344-3714
Elk Valley Coal Corporation	Neighboring Industrial Operator	N/A	250-425-6305
Fortis BC, Inc.	Utility Provider	N/A	800-663-9911
Galloway Lumber	Neighboring Industrial Operator	N/A	250-429-3496
Other Stakeholders			
<i>Do not include State/Provincial or Federal Regulators; State/Provincial and Federal Agency contact information is included in the applicable Tier 2 Emergency Response Plan.</i>			
Organization Name	Organization Type	24 Hour Telephone	Non-Emergency Telephone
Mayor - Sparwood	Public Official	N/A	250-425-6271
<i>Resident/Landowner contact information is stored in a secured database. In an emergency, this information will be accessed by TC Energy land representatives through the Emergency Operations Center(s).</i>			

Facility Evacuation		
Site Name (System)	Primary Muster Point	Secondary Muster Point
Crowsnest No. 1	Northeast side of the station yard at the main gate	N/A

Attachments		
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Isolation Plans		
Isolation plans will be determined at the time of the emergency through collaboration between CGO Field Operations and CGO Commercial Operations (Operations Planning).		
Maps and Drawings		
CGO Schematics can be accessed through InFocus: http://infocus.transcanada.com/dept/cmgo/corridor-schematics		
References		
Canada Gas Operations Emergency Response Plan (printing not required)		
Date of Last Review	10/7/2021	Annual review- no changes made.