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March 22, 2012

Filed Electronically

National Energy Board
444 Seventh Avenue S.W.
Calgary, Alberta T2P 0X8

Attention: Ms. Sheri Young, Secretary of the Board

Dear Ms. Young:

**Re: NOVA Gas Transmission Ltd. (NGTL)
Horn River Project (Project)
Hearing Order GH-2-2010 and Certificate GC-117
NEB File: OF-Fac-Gas-N81-2010-04 02**

Condition 28 of GC-117 requires the filing of an Emergency Preparedness and Response Manual (ERP) for the Ekwan Pipeline assets that NGTL acquired as part of the Project. The Ekwan ERP was to be filed within 30 days of the issuance of an order amending the Ekwan certificate GC-108. The order (AO-1-GC-108) was issued on November 22, 2011 (NEB Filing ID: A2I7V8).

This filing provides the Board an ERP for the Ekwan Pipeline (now called the Ekwan Section of the Horn River Mainline), as required by Condition 28. (see Attachment A). NGTL notes that, even though the filing was delayed due to an administrative error, the ERP itself took effect as soon as NGTL began operating the Ekwan Pipeline assets in October 2012.


Should the Board require additional information with respect to this filing, please contact the undersigned at (403) 920-5364 or adrienne_menzies@transcanada.com.

Yours truly,
NOVA Gas Transmission Ltd.

Original Signed by

Adrienne Menzies
Senior Project Manager, Regulatory Services

Enclosure


| | |
|---|---|
| INCIDENT MANAGEMENT SYSTEM Emergency Management SECTION TEN– FORMS AND TEMPLATES Revision: 12 |  TransCanada <i>In business to deliver</i> |
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10.3 Emergency Plan Template (specific to each entity)

DATE OF PLAN: _____ October 23rd, 2011 _____

| | |
|---------------------------------------|--|
| Name of Site | Ekwan Pipeline |
| Legal Land Location | a-26-K/94-I-11 to xx-51-H/94-I-09 (British Columbia) xx-17-111-12 W6M to 10-15-111-12 W6M (Alberta) |
| GPS Location (Degrees decimal) | Refer to page 9 for list of valve site locations. |
| Nearest Town / City | West Segment: Fort Nelson, BC East Segment: Rainbow Lake, AB |

| DETAIL | LOCATION | ATTACHED TO ERP |
|-------------------------------------|--|-----------------|
| Facility Schematics | <u>Facility Number:</u> 4655 <u>Facility Name:</u> Ekwan Pipeline 1. Go to TransCanada Home Page, Select Applications...Select EDMS-FileNET...Select the Engineering Library . . . Type in username and password . . . Enter 2. If you have a Drawing Number use the Facility Number to Search ex: Drawing #B1-0653-1-01 – Search by Facility Number 0653) or 3. If the Facility Number is not identified above you can search by Facility Name using the wildcard characters: * facility name*. Change the ‘Maximum Results’ Box to 1000 as a search may produce several results 4. Select the ‘search now’ button ► , results will appear in bottom portion of the screen | Yes |
| Location/Access | Refer to facility location maps in the EOC centre | Yes |
| Number and size of pipelines | <u>83.2km NPS 24</u> <ul style="list-style-type: none"> Completed in 2003 Wall Thickness: 7.9mm (81.5km); 11.1m (2.15km) MOP: 9930 kPa (1440 psi) Grade: 483 MPa | n/a |

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LOCAL EMERGENCY RESPONSE AGENCIES


| | | |
|-------------------------------------|--|--|
| POLICE | 911 (No 911 service in Ft Nelson) | Fort Nelson: 250.774.2777 Rainbow Lake: 780.956.3230 High Level: 780.926.2226 |
| FIRE DEPARTMENT | 911 (No 911 service in Ft Nelson) | Fort Nelson: 250.774.2222 Rainbow Lake: 780.956.3354 High Level: 780.926.3192 |
| AMBULANCE | 911 (No 911 service in Ft Nelson) | Fort Nelson: 250.774.2344 High Level: 780.926.2166 BC Ground Ambulance (Kamloops Dispatch): 1.800.461.9911 Fort St. John: 250.785.2079 |
| FIRST AID | Alpha Safety | Fort Nelson: 250.774.4113 |
| | Millennium | Fort Nelson: 250.233.3044 |
| | Sobe | Fort Nelson: 250.774.7938 |
| | Trojan Safety | Fort Nelson: 250.785.9557 |
| | Aeromedical | High Level: 780.926.2166 |
| BC WILDFIRES | | 1.800.663.5555 |
| NEAREST HOSPITAL | | Fort Nelson: 250.774.8100 High Level: 780.841.3200 |
| TRANSCANADA EMERGENCY LINE | | 1.888.982.7222 |
| CANUTEC (CHEMICAL INQUIRIES) | | 1.613.996.6666 |

LIST AND LOCATION OF HAZARDOUS CHEMICAL ON SITE

| HAZARDS | LOCATION |
|--|--------------------|
| High Pressure Sweet Natural Gas – MSDS# 320515 | Length of pipeline |
| Valve operator J-13 Hydraulic Oil – MSDS# 1376040 | Block Valves |
| Valve operator Marinus Hydraulic Oil – MSDS# 1280167 | Block Valves |

INTERNAL COMPANY CONTACTS (ATTACH A LIST OF INTERNAL NOTIFICATIONS)

| NAME | NUMBER |
|---|--|
| TRANSCANADA EMERGENCY # | 1.888.982.7222 |
| Gas Control | Office: 403.920.2402 |
| Wildrose Regional EOC (Athabasca) | EOC: 780.675.6535 Fax: 780.675.6501 Sat phone dial: 8816 4140 3140 |
| Mike Sorensen , High Level Area Manager | Office: 780.926.4637 Cell: 780.835.1792 |

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| | |
|--|--|
| Chris Pezoulas, Wildrose Regional Director | Office: 780.962.7391 Cell: 780.264.4108 |
| Garnet Scaman, | Office: 403.920.6751 Cell: 403.831.9062 |
| Jim Baggs | Office: 403.920.2646 Cell: 403.831.9030 |
| Glenn Reiersen | Office: 403.920.2646 Cell: 403.831.3090 |

RESIDENT CONTACT INFORMATION

| | |
|--|--------------------------|
| Residential contact information is stored in a secured database and will not be attached in this plan to ensure confidentiality. In the event of an emergency this information will be accessed by TransCanada land representatives. | |
| Landowner Database: | “Refer to Land Database” |


LOCAL MUNICIPAL AUTHORITIES

MAYOR/REEVE

| NAME | ADDRESS | CONTACT NUMBERS | | | |
|---|--|-----------------|-----------|--------------|-------|
| | | BUSINESS | RESIDENCE | CELL | PAGER |
| Bill Streeper Mayor Fort Nelson, BC | 5319 – 50 th Ave South Bag Service 399 Fort Nelson, BC V0C 1R0 | 250.774.2541 | | | |
| Peter Ernst Mayor High Level, AB | 10511-103 Street High Level, AB T0H 1Z0 | 780.926.2201 | | 780.841.5261 | |
| Rose Cretney Mayor Rainbow Lake, AB | Box 149 Rainbow Lake, AB T0H 2Y0 | 780.956.3322 | | | |

CHIEF/COUNCIL CONTACT

| NAME | ADDRESS | CONTACT NUMBERS | | | |
|--|--|-----------------|--------------|------|-------|
| | | BUSINESS | RESIDENCE | CELL | PAGER |
| James Ahnassay Chief Dene Tha’ First Nation | PO Box 120 Chateh, AB Canada T0H 0S0 | 780.321.3774 | 780.926.1592 | | |
| Kathi Dickie Chief Fort Nelson First Nations | 2026 Kennay.Yah Road RR#1 Mile 295 Alaska Hwy Fort Nelson, BC V0C 1R0 | 250.774.7257 | | | |
| Lynette Tzakosa Prophet River Native Band | PO Box 3250 Fort Nelson, BC V0C 1R0 | 250.773.6555 | | | |

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**DIRECTOR OF DISASTER SERVICES
EMERGENCY MEASURES ORGANIZATION**

| NAME | ADDRESS | CONTACT NUMBERS | | | |
|---|---|-----------------|-----------|------|-------|
| | | BUSINESS | RESIDENCE | CELL | PAGER |
| Rodney Schmidt Fire Chief, & Protective Services | 10511.103 Street High Level, AB T0H 1Z0 | 780.926.3192 | | | |
| Gord McCleary Fire Chief Fort Nelson, | 5319 – 50 th Ave South Bag Service 399 Fort Nelson, BC V0C 1R0 | 250.774.3955 | | | |

PROVINCIAL / STATE DISASTER SERVICES


| NAME | ADDRESS | CONTACT NUMBERS | | | |
|---------|-------------------|-----------------|-----------|------|-------|
| | | BUSINESS | RESIDENCE | CELL | PAGER |
| Alberta | 24 Hour | 1.800.272.9600 | | | |
| | Grande Prairie | 780.538.5295 | | | |
| BC | 24 Hour | 1.800.663.3456 | | | |
| | Prince George, BC | 250.612.4172 | | | |

LOCAL EVACUATION CENTER(S) FACILITY

| NAME | ADDRESS | CONTACT NUMBERS | | | |
|------|---------|-----------------|-----------|------|----------|
| | | CONTACT NAME | RESIDENCE | CELL | BUSINESS |
| | | | | | |
| | | | | | |

PROVINCIAL / STATE ENVIRONMENT AGENCY

| NAME | ADDRESS | CONTACT NUMBERS | | | |
|---|---|--|-----------|------|--|
| | | CONTACT NAME | RESIDENCE | CELL | BUSINESS |
| Alberta Sustainable Resource Development | Main Floor, Great West Life Building 9920 108 Street Edmonton Alberta Canada T5K 2M4 | | | | Toll Free: 1.877.944.0313 Fax: 780.427.4407 Email: srd.infocent@gov.ab.ca |
| Alberta Environment office | 10th Floor, Petroleum Plaza South Tower 9915 - 108 Street Edmonton, Alberta Canada T5K 2G8 | Rob Renner Minister of Environment | | | 780.427.2391 24- hour Environment Hotline: 1.800.222.6514 toll- free. |
| BC Ministry of Environment | 400-10003 110 Ave Fort St. John, BC V1J6M2 | | | | 24 hour Disaster Services # 1.800.663.3456 |

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| | | | | |
|------------|--|--|--|--|
| WorkSafeBC | 9924 107 th Ave Fort St. John, BC V1J 2P6 | | | Fort St. John Regional Office 250.787.3411 8:30am – 4:30pm 1.888.621.7233 After Hours 1.866.922.4357 |
|------------|--|--|--|--|

REGULATORY AGENCIES

Transportation Safety Board


| ADDRESS | CONTACT NAME | PHONE NUMBERS | FAX NUMBER |
|---|------------------------------------|---------------|--------------|
| Place du Center 4 th Floor 200 Promenade du Portage Hull, Quebec K1A.1K8 | TSB 24 Hour Occurrence Hot Line | 819.997.7887 | 819.953.7876 |

ERCB Field Centre

Contact Numbers

Email address

| | | |
|---|--|--|
| Bonnyville Field Centre PO Box 5169 4903 - 51A Street Bonnyville, AB T9N 2G4 | Phone: 780.826.5352 Fax: 780.826.2366 Don Hennessey, Field Centre Team Leader Phone: 780.826.8331 E.mail: don.hennessey@ercb.ca FIS Contact: Margo Bordeleau 780.826.8336 | bonnyville.fieldcentre@ercb.ca |
| Grande Prairie Field Centre 9815 - 115 St. Grande Prairie, AB T8V 7R3 | Phone: 780.538.5138 Fax: 780.538.5582 Brian Olson, Field Centre Team Leader Phone: 780.538.5663 E.mail: brian.olson@ercb.ca FIS Contact: Caroline Porter 780.538.5669 | grandeprairie.fieldcentre@ercb.ca |
| Medicine Hat Field Centre #302, 346 – 3 rd Street SE Medicine Hat, AB T1A 0G7 | Phone: 403.527.3385 Fax: 403.529.3103 Bruce Haskayne, Field Centre Team Leader Phone: 403.529.3721 E.mail: bruce.haskayne@ercb.ca FIS Contact: Karen de Roaldes 403.527.3385 | medicinehat.fieldcentre@ercb.ca |
| High Level Field Centre 205, 9808-9814 100 Ave. High Level, AB T0H 1Z0 | Phone: 780.926.5399 Fax: 780.926.4721 | highLevel.fieldcentre@ercb.ca |
| Midnapore Field Centre 320, 295 Midpark Way SE | Phone: 403.297.8303 Fax: 403.297.5283 | midnapore.fieldcentre@ercb.ca |

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| | | |
|---|--|--|
| Calgary, AB T2X 2A8 | Mark Miller, Field Centre Team Leader Phone: 403.355.4496 E.mail: Mark.R.Miller@ercb.ca FIS Contact: Denise McCarthy 403.297.8303 | |
| Red Deer Field Centre | Phone: 403.340.5454 Fax: 403.340.5136 Ron Wagner, Field Centre Team Leader Phone: 403.340.5461 E.mail: ron.wagner@ercb.ca FIS Contact : Margo Jacobs 403.340.5441 | reddeer.fieldcentre@ercb.ca |
| St. Albert Field Centre Main Floor 30 Sir Winston Churchill Avenue St. Albert, Alberta T8N 3A3 | Phone: 780.460.3800 * Fax: 780.460.3802 Lorne Woynarowich, Field Centre Team Leader Phone: 780.460.3807 E.mail: lorne.woynarowich@ercb.ca FIS Contact: Jill Keeling 780.460.3811 | stalbert.fieldcentre@ercb.ca |

(Attach lists of the following)

MUTUAL AID PARTNERS WITH THE FOLLOWING INFORMATION:


- Company Name
- Address
- Contact Name
- Phone Number
- Attach copy of mutual aid agreement to this plan

INDUSTRY PARTNERS WITH THE FOLLOWING INFORMATION:

Can be found on the Web under applications .Callout schedule Callout/AlbertaBC/Region/Wildrose/High Level area/Measurement/ (then the applicable station name on the drop down)

PRODUCERS/CUSTOMERS WITH THE FOLLOWING:

| Facility | TCPL Meter Site Number | Contact Name | Phone # | Emergency # |
|---------------|------------------------|--------------------------|---|----------------|
| Sierra Plant | 2760** | Plant Operator (Encana) | 250.233.8215 | 403.645.3333 |
| Harvest Plant | 2760 ** | Plant Operator (Harvest) | 780.956.3771 – Ext 1 (Control Room) 780.956.3771 -Ext. 3 (Foreman) | 1.800.760.2826 |

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** These id's will change once the Little Hay (4624) and Sierra Meter (4458) stations are installed.

Local Emergency Equipment

| Description of Equipment | Contact | Location of Equipment |
|--------------------------|---------------|-----------------------|
| Command Post | Derek Jason | Manning Office |
| Command Post | Bryan Friesen | High Level Office |

HELICOPTER COMPANIES:

| Company | Location | Phone # | Base Contact | Cell # |
|----------|--------------|--------------|------------------|--------------|
| Delta | High Level | 780.926.3848 | Elton Ceh | 250.821.3848 |
| | Rainbow Lake | 780.956.0370 | Elton Ceh | 250.821.3848 |
| Airborne | High Level | 780.926.4480 | Jason Kerr | n/a |
| | Rainbow Lake | 780.956.3333 | John Wiebe | n/a |
| Highland | Fort Nelson | 250.774.6106 | n/a | n/a |
| | High Level | 780.926.2284 | Howard Vigneault | n/a |
| | Fort St John | 250.787.7912 | n/a | n/a |
| Canadian | Fort Nelson | 250.774.6171 | n/a | n/a |

FIXED WING COMPANIES:

| Company | Location | Phone # | Base Contact | Cell # |
|----------|------------|--------------|--------------|--------|
| Airborne | High Level | 780.926.4480 | Jason Kerr | n/a |

*** Twin Engine required by TCPL – Navajo PA 31 or King Air 200 available in High Level. ***

Local Hazard Assessments

| Hazard | Additional Procedures |
|---------------------------|-----------------------|
| High Pressure Natural Gas | Pipeline |

Pipeline Valve sites and Cathodic Protection sites.

These sites will typically be accessed via helicopter. The helicopter must remain on-site unless alternative transportation is readily available and on-site.

The valve sites are to provide automatic isolation in the event of an emergency or to isolate a section of pipe for a planned outage. If for some reason access to the site is restricted in the event of an emergency, the next upstream or downstream valve will be closed to isolate the pipeline. Producers listed previously will be contacted to shut-in their facilities.

EMERGENCY PROCEDURE

During an emergency the Technician/First Responder will:

1. Stabilize and controls the immediate hazard if possible (e.g. close valves).
2. Contacts Gas Control and the AOI Manager and gives the following information:
 - a) Location of emergency.
 - b) Dangers involved.
 - c) Additional assistance and requirements.

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- d) Activate emergency Management System
3. Utilize First Responder Kit and Checklist to assist with all response activities.
4. Locate safe meeting place.
5. Ensure the safety of everyone on site.
6. Assign one person to locate anyone that might be missing.
7. Establish first aid stations.
8. Keep Gas Control updated as required during the emergency.
9. Assign a team to shut off the fuel sources if they can be shut down.
10. Initiate a written log of events that includes the times of events.
11. Forward any casualty information to the EOC Manager (not by mobile radio).
12. Follow the evacuation procedure in this plan if an evacuation is necessary.

ISOLATION AND SHUT-OFF PROCEDURE

Isolation of the line is accomplished by:

- i. Shutting in producers by contacting the regional EOC or gas control and
 - ii. Confirming isolation of valves along the row.
- 1) Contact Gas Control to Isolate producers by calling:
Emergency EOC established - Operations Lead : 780-675-6536
No Emergency EOC established - Gas Control – North Console: 403-920-2402
 - 2) Once the isolation plan has been reviewed with either the operations lead or Gas Control, physical site visits will be required to confirm the closure of automatic block valves in the event of an emergency. Since the sites are remote a helicopter will be required (contact information above)
 - 3) If access via helicopter is not available due to inclement weather, two technicians will be required to visit the Ekwan meter station to ensure the main side valve to the NWML is isolated (EKW10-M-1MV0-NW). If a winter road is not available then an off highway vehicle will be required to access the site.

ONSITE SPILL HANDLING AND CONTAINMENT PLAN

To facilitate containment and clean up of minor spills utilize materials from the spill containment kit located in your vehicle.

METHANE ACCIDENTAL RELEASE MEASURES:

Avoid heat, flames, sparks and other sources of ignition. Stop leak if possible without personal risk. Keep people away; isolate hazard area and control entry. Remove sources of ignition.

Methods for cleaning up – In the event of minor spillage:

- Absorb in sand and other inert material.
- Collect spilled material with shovel
- Place into a clean container and cover container loosely

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- Clean up affected area with soap and water.

Methods for cleaning up – In the event of major spillage:

- Collect spilled material in seeable containers.
- Clean up affected area with soap and water.

GPS CORR DinATES AND ROAD ACCESS MAPS

Road access maps to locations of Block Valves and Meter stations.

Valve Sites

Valve # V101 - Pig Launcher NPS 24"x 8" outside of the EnCana Sierra gas plant

- LSD 26-k/94-I-11
- GPS N58.41.1222 / W121.19.025
- Road accessible from the Sierra Gas plant (see appendix I)

Valve # V201 – Mainline Valve NPS 24"x 8"

- LSD 97-F / 94-I-10
- GPS N58.659654 / W120.82729.
- Fly-in site only

Valve # V301 – Mainline Valve NPS 24"x 8"

- LSD 81-E
- GPS N58.65076 / W120.38247.
- Fly-in site only

Valve # V401 – Pig Receiver NPS 24"x 8"

- LSD 15-111-12-W6M
- GPS N58.63813 / W119.92902
- Winter road accessible via the TCPL Ekwan meter station (see appendix I)

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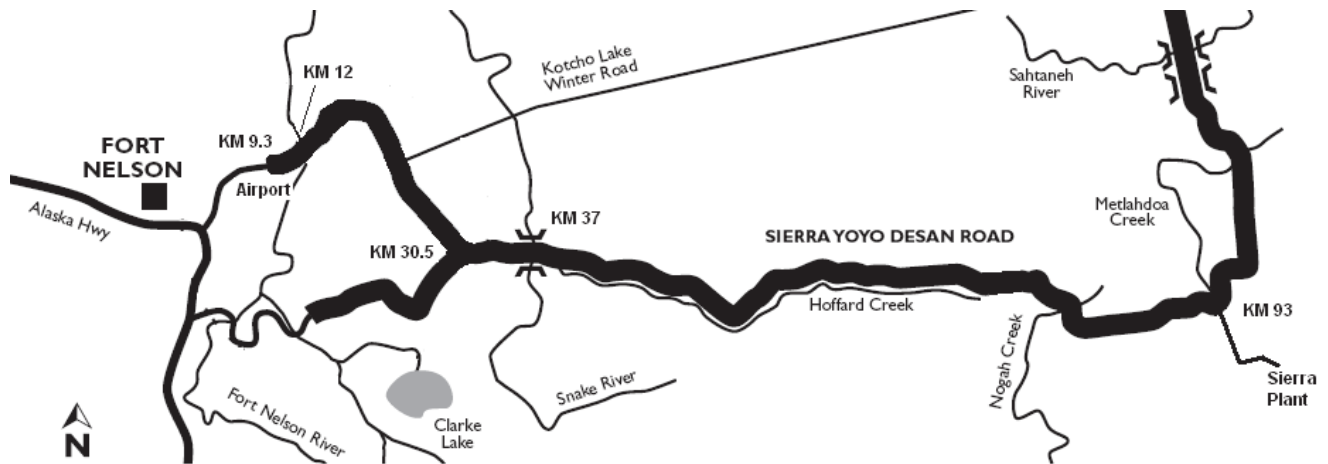
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APPENDIX I

Access Map Valve #V101 (Sierra Plant)



Driving Directions

KM 0 – Airport Connector intersects with Alaska Highway

KM 9.3 – Airport Connector intersects with Cessna Way (road into airport)

KM 12 – Bridge over Fort Nelson River

KM 30.5 – Road intersects with Clarke Lake road

KM 37 – Bridge over Snake River

KM 93 – Turn right on Northwest Sierra/Canfor road. Follow road to Sierra Plant.

INCIDENT MANAGEMENT SYSTEM

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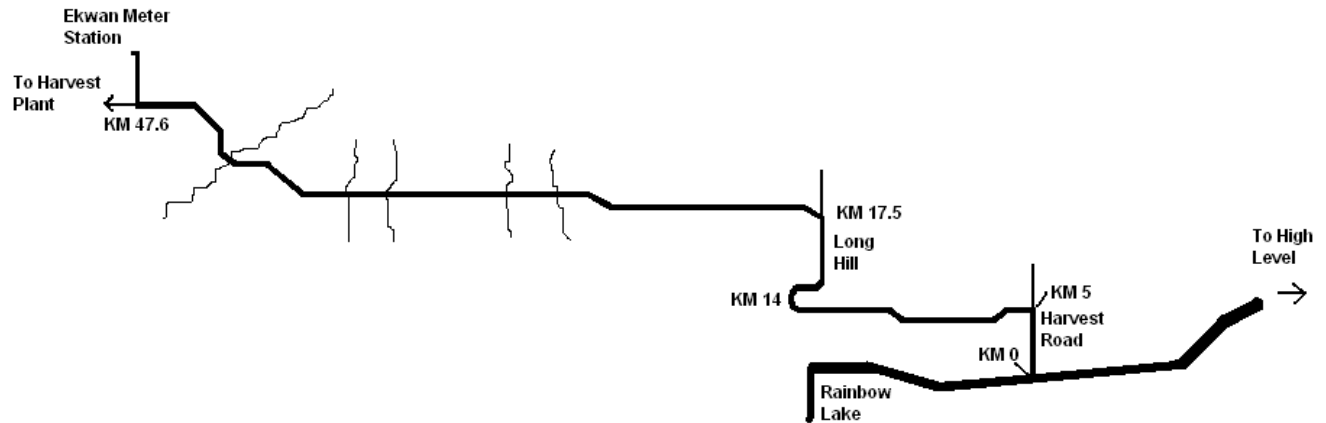
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Access Map Valve #V401 (Ekwan Meter Station)



Driving Directions

KM 0 – Turn north on Harvest Road

KM 5 – Left

KM 14 – Use caution – stay right on main road just past scales. Go through gate.

KM 17.5 – Left turn at bottom of long road. Use Caution in Winter

KM 47.6 – Turn North on TCPL pipeline ROW.

KM 49 – Ekwan Meter Station on West side of ROW.