BRITISH COLUMBIA ENERGY REGULATOR

February 17th, 2026

PA-112744

Coastal GasLink Pipeline Ltd.
450 1st Street SW,
Calgary, Alberta,
T2P 5H1

Attention: Lara Smandych

Dear Permittee,

Enclosed is the newly issued discharge permit PA-112744 issued under the provisions of the *Environmental Management Act*, for the discharge of waste from the **Mount Bracey Compressor Station** located at d-99-G/93-J-16. Your attention is respectfully directed to the conditions outlined in the permit. An annual permit fee will be determined according to the *Permit and Approval Fees and Charges Regulation*.

This permit does not authorize entry upon, crossing over, or use for any purpose of private or crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authorization shall rest with the Permittee.

The Permittee shall ensure that any discharge under the permit meets the requirements of other regulatory agencies including but not restricted to Environment Canada and the Department of Fisheries and Oceans (Canada).

The administration of this permit is carried out by staff at the BC Energy Regulator located in Fort St. John, telephone (250) 794-5200. Plans, data and reports pertinent to the permit are to be submitted to the Environmental Stewardship Branch, 6534 100th Avenue, Fort St. John, BC, V1J 8C5, Waste.Management@bc-er.ca.

This decision may be appealed by persons aggrieved by the decision in accordance with Part 8 of the *Environmental Management Act*. Notice of the appeal must:

(1) be in writing,
(2) include the grounds for appeal,
(3) be directed by registered mail or personally delivered to the Chair, Environmental Appeal Board, Fourth Floor, 747 Fort Street, Victoria, British Columbia, V8W 3E9,
(4) be delivered within 30 days from the date notice of the decision is given, and
(5) be accompanied by a fee of $25.00, payable to the Minister of Finance.

Should you have any questions, please do not hesitate to contact me by phone (250) 419-4457.

Kristofer Siriunas, P.Eng
Air Emissions Scientist
B.C Energy Regulator

cc **Environment & Climate Change Canada**
Environmental Protection Operations Directorate – Pacific & Yukon
Bureau du Registre / Registry Office (ECCC) registry.pyr@ec.gc.ca

British Columbia Energy Regulator

6534 100 Avenue, Fort St. John, B.C
V1J 8C5

PERMIT
PA-112744

Under the Provisions of the Environmental Management Act

Coastal GasLink Pipeline Ltd.
450 – 1st Street SW
Calgary, Alberta
T2P 5H1

is authorized to discharge contaminants to the environment from the **Mount Bracey Compressor Station** facility located at d-99-G/93-J-16, subject to the conditions listed below. Contravention of any of these conditions is a violation of the *Environmental Management Act* and may result in prosecution.

1. DEFINITIONS

For the purpose of this permit, the following definitions apply:

1.1. ***Act*** means the *Environmental Management Act*;

1.2. ***BCER*** means the British Columbia Energy Regulator;

1.3. ***Commissioning*** means that period of time during and after installation of the authorized works when the works are being prepared for normal operations.

1.4. ***Discharge*** means the total mass of a solid, liquid or gaseous material introduced into the environment;

1.5. ***Manager*** means a BCER employee authorized to exercise the powers of the BCER under Section 14 of the *Environmental Management Act*;

1.6. ***Permittee*** means Coastal GasLink Pipeline Ltd.

1.7. ***Standard Conditions*** means temperature = 293.15 K; pressure = 101.325 kPa; water vapour = zero.

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Air Emissions Scientist

1.8. ***Switch-over event*** means the shifting of load from one operating unit (A) to a standby unit (B). During a switch-over event B is started up, brought up to idle and prepared to receive load, load is transferred to B from A, and A is then taken offline through a cool-down sequence and shut off. During a switch-over event there is a brief period of time in which both A and B are operating simultaneously.

2. AUTHORIZED DISCHARGES

All gaseous volumes described in this permit are at Standard Conditions and all volumes shall be reported at Standard Conditions.

2.1. This subsection applies to the discharge of air contaminants from **THREE (3) TURBINE COMPRESSOR DRIVERS**. The site reference number for this discharge is E339204.

2.1.1. The maximum authorized rate of discharge is 66.93 m^3/s each.

2.1.2. Each unit is authorized to discharge continuously when operating. Up to two units may operate at a given time except during switch-over events. During switch-over events, all three units may discharge concurrently. Records of the number and duration of switch-over events in which all three units are operating shall be maintained.

2.1.3. The characteristics of the discharge are the emission products of the combustion of sweet natural gas including oxides of sulphur (SO_x), oxides of nitrogen (NO_x), carbon monoxide (CO), fine particulate matter ($PM_{2.5}$) and volatile organic compounds (VOCs). Specific emission limits are:

Parameter	Maximum Discharge Rate
NO_x	2.614 g/s, each
CO	2.291 g/s, each
$PM_{2.5}$	0.032 g/s, each
VOCs	0.0767 g/s, each
SO_x	0.130 g/s, each

2.1.4. The requirements of subsection 2.1.3 above, do not apply during commissioning of the turbine drivers, or when turbine drivers are starting-up or shutting-down.

2.1.5. The authorized works are three (3) 30.9 MW BHGE PGT25+ turbine compressor drivers (one as standby) with dry low emission systems, three

(3) 14.5 metre stacks with internal diameters of 2.6 metres and related appurtenances approximately located as shown on the attached site plan.

2.1.6. The location of the facilities from which the discharge originates and the location of the point of discharge is described as (Lat, Long):

- 54.916047, -122.228300
- 54.916492, -122.227543
- 54.916941, -122.226775

2.2. This subsection applies to the discharge of air contaminants from **FOUR (4) GENERATOR DRIVERS**. The site reference number for this discharge is E339205.

2.2.1. The maximum authorized rate of discharge is 0.76 m^3/s, each.

2.2.2. Each unit is authorized to discharge continuously when operating. Up to three units may operate at a given time except during switch-over events. During switch-over events, all four units may discharge concurrently. Records of the number and duration of switch-over events, in which all four units are operating shall be maintained.

2.2.3. The characteristics of the discharge are the emission products of the combustion of sweet natural gas including SO_x, NO_x, CO, $PM_{2.5}$ and VOCs. Specific emission limits are:

Parameter	Maximum Discharge Rate
NO_x	0.2361 g/s, each
CO	0.0538 g/s, each
$PM_{2.5}$	0.0031 g/s, each
VOCs	0.0032 g/s, each
SO_x	0.0043 g/s, each

2.2.4. The requirements of subsection 2.2.3 above do not apply during commissioning of the generator drivers, or when generator drivers are starting-up or shutting-down.

2.2.5. The authorized works are four (4) 850 kW Waukesha L5794GSI generator drivers (one as standby) with emission controls, four (4) 8.5 metre stacks with internal diameters of 0.305 metres and related appurtenances approximately located as shown on the attached site plan.

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Air Emissions Scientist

2.2.6. The specific emission limits authorized in subsection 2.2.3 above are obtained by the use of emission controls. The emission controls are to be maintained in good working order for emissions to be in compliance.

2.2.7. The location of the facilities from which the discharge originates and the location of the point of discharge is described as (Lat, Long):

- 54.916357, -122.228856
- 54.916801, -122.228083
- 54.917255, -122.228870
- 54.916939, -122.227704

2.3. This subsection applies to the discharge of air contaminants from **SIX (6) UTILITY GLYCOL HEATERS**. The site reference number for this discharge is E339206.

2.3.1. The maximum authorized rate of discharge is 0.15 m^3/s, each.

2.3.2. The authorized discharge period is continuous.

2.3.3. The characteristics of the discharge are the emission products of the combustion of sweet natural gas including SO_x, NO_x, CO, $PM_{2.5}$ and VOCs. Specific emission limits are:

Parameter	Maximum Discharge Rate
NO_x	0.0237 g/s, each
CO	0.0199 g/s, each
$PM_{2.5}$	0.0004 g/s, each
VOCs	0.0013 g/s, each
SO_x	0.0009 g/s, each

2.3.4. The authorized works are six (6) 431 kW Allied Superhot AAA1920 utility glycol heaters, six (6) 6.8 metre stacks with internal diameters of 0.559 metres and related appurtenances approximately located as shown on the attached site plan.

2.3.5. The location of the facilities from which the discharge originates and the location of the point of discharge is described as (Lat, Long):

- 54.916277, -122.229013
- 54.916258, -122.228967
- 54.916721, -122.228240
- 54.916703, -122.228209
- 54.917175, -122.227467

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- 54.917156, -122.227436

2.4. This subsection applies to the discharge of air contaminants from **THREE (3) SEAL GAS COMBUSTORS**. The site reference number for this discharge is E339207.

2.4.1. The maximum authorized rate of discharge is 0.58 m^3/s each, the average authorized rate of discharge is 0.45 m^3/s each.

2.4.2. The authorized discharge period is continuous.

2.4.3. The characteristics of the discharge are the emission products of the combustion of sweet natural gas including SO_x, NO_x, CO, $PM_{2.5}$, and VOCs. Specific emission limits are:

Parameter	Maximum Discharge Rate
NO_x	0.019 g/s, each
CO	0.016 g/s, each
$PM_{2.5}$	0.0003 g/s, each
VOCs	0.001 g/s, each
SO_x	0.001 g/s, each

2.4.4. The authorized works are three (3) seal gas combustors with stack heights of 4.2 metres, internal diameters of 1.537 metres and related appurtenances approximately located as shown on the attached site plan.

2.4.5. The location of the facilities from which the discharge originates and the location of the point of discharge is described as (Lat, Long):

- 54.915646, -122.228729
- 54.916090, -122.227956
- 54.916544, -122.227198

2.5. This subsection applies to the discharge of **ACCUMULATED SURFACE PRECIPITATION** to land from this facility. The site reference number for this discharge is E339224.

2.5.1. The maximum authorized rate of surface discharge is as required, subject to the conditions outlined below.

2.5.2. The effluent quality shall meet the following criteria:

Parameters	**Values**

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Chlorides (as Cl)	500 mg/L
pH range	6.5 – 8.5
Extractable Hydrocarbons	No visible sheen
Electrical Conductivity	2 dS/m
Other Contaminants	None in concentrations that may have an adverse effect on the receiving environment.

2.5.3. The effluent shall be discharged at such a rate that there is no accumulation of effluent on the surface of the ground.

2.5.4. The discharge shall not occur on an unstable slope, cause erosion or result in measurable downward and outward movement of soil, rocks, snow, ice, mud or debris.

2.5.5. The effluent is not allowed to enter a surface watercourse or surface water body and is not to be discharged in a location where it could reasonably be expected to enter a surface watercourse or surface water body.

2.5.6. If the discharge is to private land, the written consent of the landowner must be obtained prior to discharge.

2.5.7. The location of the facilities from which the discharge originates and the location of the point of discharge is described as d-99-G/93-J-16.

2.5.8. Analysis of the discharge for the parameters listed in 2.5.2 shall be completed before each discharge and the results shall be recorded.

2.5.9. Record the volume of discharge after each discharge.

2.5.10. Retain for a period of 5 years, all records specified in 2.5.8 and 2.5.9 and make those records available to the BCER for inspection upon request.

2.6. This subsection applies to the discharge of air contaminants from **TEMPORARY SOURCES**. The site reference number for this discharge is E339225.

2.6.1. The authorized works will be outlined in the Facility Temporary Discharge Plan which will be submitted to the Manager at least one month prior to the planned activity or submitted along with a notification to the

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Manager for unscheduled maintenance or equipment outage(s) within 24 hours of commencing the activity.

2.7. This subsection applies to the discharge of contaminants to the air from **VENTING**. The site reference number for this discharge is E339226.

2.7.1. Facility venting shall adhere to the requirements outlined within the *Drilling and Production Regulation* and the *Pipeline Regulation*.

2.7.2. The location of the sources from which the discharge originates and the location of the point of discharge is defined as d-99-G/93-J-16.

3.0 GENERAL REQUIREMENTS

3.1 Maintenance of Works and Emergency Procedures

The Permittee shall inspect the authorized works regularly and maintain them in good working order. Records of inspection shall be maintained and made available to BCER upon request. In the event of an emergency or condition beyond the control of the Permittee, which prevents continuing operation of the authorized works, the Permittee shall immediately notify the Manager and take appropriate remedial action.

Instances of permit non-compliance shall be self-disclosed upon discovery, as outlined within Chapter 3 of the BCER Compliance & Enforcement Manual; Waste.Management@bc-er.ca shall also be informed of the self-disclosure.

For spills which meet the Spill Reporting Regulation reporting criteria, a report shall be made immediately to the Provincial Emergency Program telephone 1-800-663-3456.

3.2 Permittee Name Change or Transfer of the Facility

Any change to the name of the Permittee, such as the sale of the facility or a corporate name change shall be reported to the Manager in writing within 30 days of the transaction.

3.3 Flaring, Incinerating and Venting

The Permittee shall adhere to the requirements outlined in the latest version of the "Flaring and Venting Reduction Guideline", and all related bulletins, directives and information letters at the facility except as authorized by this permit, through leave of the BCER, or as required in an emergency situation and disclosed to the BCER.

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3.4 Collected Liquids

Spilled material, water and liquid waste collected in drains, sumps, tanks, tank berms or other structures constructed with a similar purpose, shall not be discharged directly to the environment or to the surface water collection pond, unless the discharge is made in accordance with an authorization under the *Environmental Management Act*.

3.5 Analytical Procedures

Any analyses required under this permit shall be carried out in accordance with procedures described in the most recent version of the British Columbia Environmental Laboratory Manual or by alternative procedures as authorized by the Manager.

3.6 Sampling Procedures

Any sampling required under this permit shall be carried out in accordance with the procedures described in the most recent version of the British Columbia Field Sampling Manual (BCFSM), by other procedures referenced in this permit or by alternative procedures as authorized in writing by the Manager.

3.7 Facility Temporary Discharge Plan

A Facility Temporary Discharge Plan is required when circumstances arise at the facility that require temporary equipment to be operated that will emit air contaminants to the atmosphere. The plan is required to be submitted for releases authorized under Section 2.6 of this permit. The Facility Temporary Discharge Plan will document the activities to be undertaken and the temporary discharge sources that will emit air contaminants into the atmosphere. The plan shall include but is not limited to:

- A list of activities that require temporary equipment and all associated temporary discharges;
- Schedules, including the starting date or starting date range and duration of activities;
- A list and site plan depicting the location of all temporary discharge sources;
- A table of discharge rates, stack parameters and emissions from temporary equipment; and
- Performance metrics and best practices to follow during the activities.

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Based on the review of the plan, the Manager may require the Permittee to conduct additional monitoring and/or implement mitigations or requirements as determined by the Manager to protect the environment during the temporary activities.

During the temporary activities all other terms and conditions of the Permit, not covered under the Facility Temporary Discharge Plan, remain in effect.

4 MONITORING AND REPORTING REQUIREMENTS

The Manager may alter the monitoring and reporting program as needed. The need for changes to the program will be based upon the results submitted as well as any other information obtained by the BCER and the BC Ministry of Environment & Parks (ENV) in connection with the discharges.

4.1 Monitoring

The permittee shall install at least two passive monitors for the quarterly measurement of NO_2 in ppb along or near the facility perimeter, following the passive monitoring siting requirements as outlined within the BCFSM. Siting of the passive monitors will also include consideration of the dispersion modelling results, the prevailing wind direction, proximity to equipment and location of sensitive receptors.

4.2 Stack Testing Turbine Drivers

The Permittee shall conduct an initial performance test for each combustion turbine authorized under Section 2.1 of this permit within six months of the turbine commencing normal operations, to demonstrate compliance with the NO_x emission limits outlined within the permit. Once per calendar year each combustion turbine shall undergo a NO_x emission performance test. Testing shall be in accordance with the Environment and Climate Change Canada Guidelines for the Reduction of Nitrogen Oxide Emissions from Natural Gas-fuelled Stationary Combustion Turbines. Testing reports shall be provided.

4.3 Stack Testing Generator Drivers

The Permittee shall conduct post catalytic converter NO_x emission testing on those engines authorized under Section 2.2 every 8760 run time hours in accordance with the BCFSM or in accordance with Part 2 of the Government of Canada's Multi-Sector Air Pollutants Regulations (MSAPR) and the associated testing timelines. The operating conditions for test-runs shall adhere to MSAPR. If other contaminants, parameters or greenhouse gas emissions are measured, the Permittee shall report the associated results.

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Compare the testing results to the discharge limits specified within this permit. Testing reports shall be provided.

4.4 Engine Checks & Performance Testing

Any additional performance testing or engine checks completed to meet the requirements of MSAPR on any engine authorized to discharge under this permit shall be included in the annual report, and where applicable, compared to the discharge limits specified within this permit. Testing reports shall be provided.

4.5 Venting

Determine and record, based on measurements and/or calculations, the volume (cubic meters) of gas vented from the facility due to:

a. operation and maintenance as an annual total,
b. emergency events as an annual total. The Permittee shall record the reason for each emergency event.

4.6 Reporting

The Permittee shall submit and summarize information as outlined in Sections 2.1.2, 2.2.2, 2.5, 4.1, 4.2, 4.3, 4.4 & 4.5 on an annual basis. The report is to be submitted by March 31st of each year for the operation of the preceding calendar year. Submission shall be made to Waste.Management@bc-er.ca.

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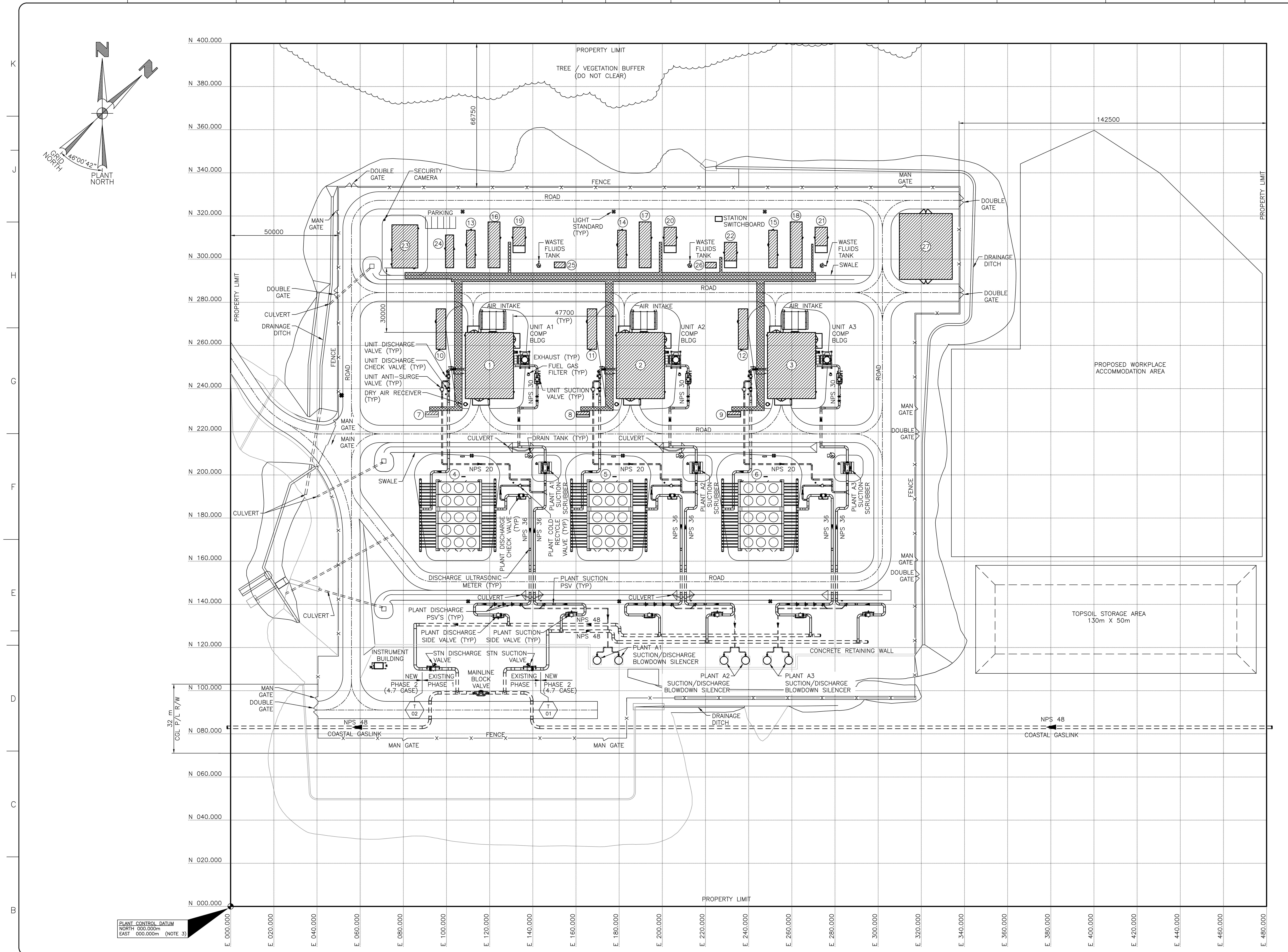

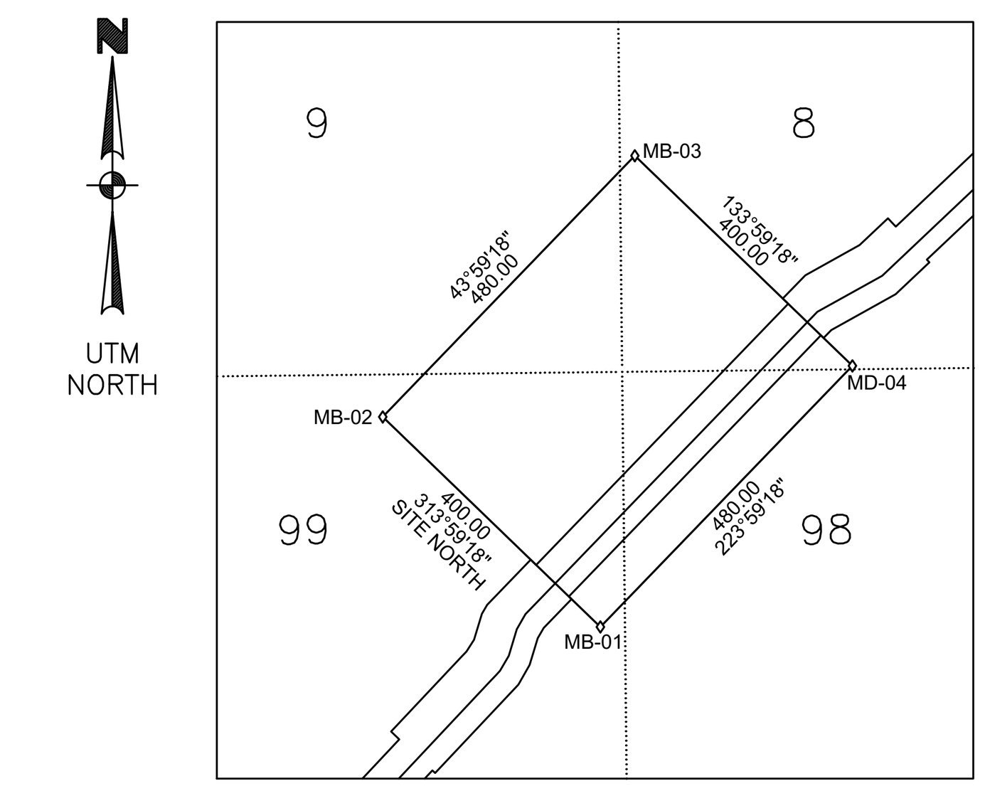

LOCATION PLAN

SCALE: 1:10000
WITHIN UNITS 8 & 9 BLOCK J 93-J-16 AND 98 & 99 BLOCK G GROUP 93-J-16

NOTES:

1. ALL COORDINATES ARE IN METRES AND DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ⬡ – TIE-IN POINTS.
3. FOR SITE CONTROL MONUMENTS AND CONVERSION FACTORS SEE DRAWING 16362-02-00-02-100
4. PLANT ELEVATION 100.000 = 832.500 GEODETIC

LEGEND

1. UNIT A1 COMPRESSOR BUILDING (30650 x 22300)
2. UNIT A2 COMPRESSOR BUILDING (30650 x 22300)
3. UNIT A3 COMPRESSOR BUILDING (30650 x 22300)
4. PLANT A1 AIR COOLED HEAT EXCHANGERS (30814 x 18562)
5. PLANT A2 AIR COOLED HEAT EXCHANGERS (30814 x 18562)
6. PLANT A3 AIR COOLED HEAT EXCHANGERS (30814 x 18562)
7. PLANT A1 UTILITY GAS ENCLOSURE (6070 x 2650)
8. PLANT A2 UTILITY GAS ENCLOSURE (6070 x 2650)
9. PLANT A3 UTILITY GAS ENCLOSURE (6070 x 2650)
10. UNIT A1 LOCAL CONTROL MODULE BUILDING (18700 x 4400)
11. UNIT A2 LOCAL CONTROL MODULE BUILDING (18700 x 4400)
12. UNIT A3 LOCAL CONTROL MODULE BUILDING (18700 x 4400)
13. PLANT A1 ELECTRICAL BUILDING (17400 x 3960)
14. PLANT A2 ELECTRICAL BUILDING (17400 x 3960)
15. PLANT A3 ELECTRICAL BUILDING (17400 x 3960)
16. PLANT A1 MECHANICAL BUILDING (21250 x 5500)
17. PLANT A2 MECHANICAL BUILDING (21250 x 5500)
18. PLANT A3 MECHANICAL BUILDING (21250 x 5500)
19. PLANT A1 PPU BUILDING (8534 x 5626)
20. PLANT A2 PPU BUILDING (8534 x 5626)
21. PLANT A3 PPU BUILDING (8534 x 5626)
22. STATION A0 STAND-BY PPU BUILDING (8534 x 5626)
23. HEATED STORAGE BUILDING (20000 x 12000)
24. PERSONNEL BUILDING (15200 x 3770)
25. DRUM RACK BUILDING 1 (4800 x 2440)
26. DRUM RACK BUILDING 2 (4800 x 2440)
27. CONSTRUCTION TENT (24500 x 30500)

- TREE / VEGETATION AREA
- DATUM POINT
- OVERHEAD PIPE RACK AND CABLE TRAYS
- BUILDINGS
- BELOW GRADE HIGH PRESSURE PIPING
- ABOVE GRADE HIGH PRESSURE PIPING
- FENCE
- OVERHEAD POWER LINES

REFERENCE DRAWINGS

DRAWING No	TITLE
-	-

REVISION

REV No	DATE	DESCRIPTION	PROJECT CODE	DRAFTER	DRAFTING CHECKER	DESIGNER	DESIGN CHECKER	PROJECT MANAGER	COMPANY
00	2020-09-18	ISSUED FOR CONSTRUCTION - PHASE 2 (4.7 CASE)	M.000987	DS	RD			JM	STANTEC

PROFESSIONAL ENGINEER/RPT — M. R. BAILEY — 2020-09-09

PERMIT/ ENG. APPROVAL

REV. NO.	DATE	PERMIT NUMBER:

TC Energy — Coastal GasLink Pipeline Project

MOUNT BRACEY COMPRESSOR STATION

FACILITY # 16362 | ENG STATION: | DISC # 01

PLOT PLAN

SCALE 1:750 | DRAWING # 16362-01-00-00-010 | REV 00

TC_B1_CGL.DWG 707X1000

CADD DRAWING: DO NOT MAKE MANUAL REVISIONS