



Water and Waste Department • Service des eaux et des déchets

June 21, 2024

Our File No.: G-249

Manitoba Conservation and Climate
Environmental Approvals Branch
14 Fultz Blvd
Winnipeg, MB R3Y 0L6

Attention: Mehak Bajwa, P. Eng., M.Eng

RE: Emergency Liner Repair Cell 34, Environment Act Licence No. 3081 R, Brady Road Resource Management Facility, Client File No. 5556.00

Please accept this letter as a Notice of an Emergency Liner Repair for the above noted Environment Act Licence.

Brady Road Resource Management Facility (BRRMF) had a fire that occurred on April 8, 2024 in Cell 34 in the southeast corner of the new cell. Fire trucks responded to the fire around 8:30pm and the fire was extinguished by 6:00am on April 9th. After the fire was extinguished it was determined the 60 mil High Density Polyethylene (HDPE) liner received minor damage in two spots as a result of the incident. Sonja Bridges, Acting Regional Supervisor conducted a follow-up inspection on April 17th, 2024 with City of Winnipeg staff, Chris Kozak and Sean Steeves where a plan to repair the liner was discussed.

A specialized contractor was then called to repair the liner, the same contractor that initially installed the liner, and the only contractor that is currently available for this type of repair in the Province of Manitoba. Difficult site conditions (more than normal precipitation levels and specialized equipment being needed to remove the aggregate from the liner) resulted in preparation of the HDPE liner taking much longer than anticipated, this resulted in little notice of the repair to the HDPE liner as availability was extremely limited.

June 20th, 2024 Titan Environmental Containment came to BRRMF to repair the HDPE liner in the two damaged spots. The repairs were completed in accordance with Clause 33 of the above noted Environment Act Licence, a QA – QC report package is attached.

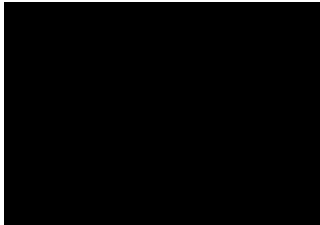
June 24th, 2024 Sonja Bridges, Acting Regional Supervisor and Desalegn Edossa, Environmental Engineer visited BRRMF and the repaired HDPE liner areas where it was determined a Letter of Notice was needed to grant final approval of the repaired areas and permission to use the repaired area of the landfill cell.

Should you have any questions or require additional information, please feel free to contact the undersigned at (204) 986-2384 or at ckozak@winnipeg.ca. Thank you for your consideration.



Water and Waste Department • Service des eaux et des déchets

| Yours truly,



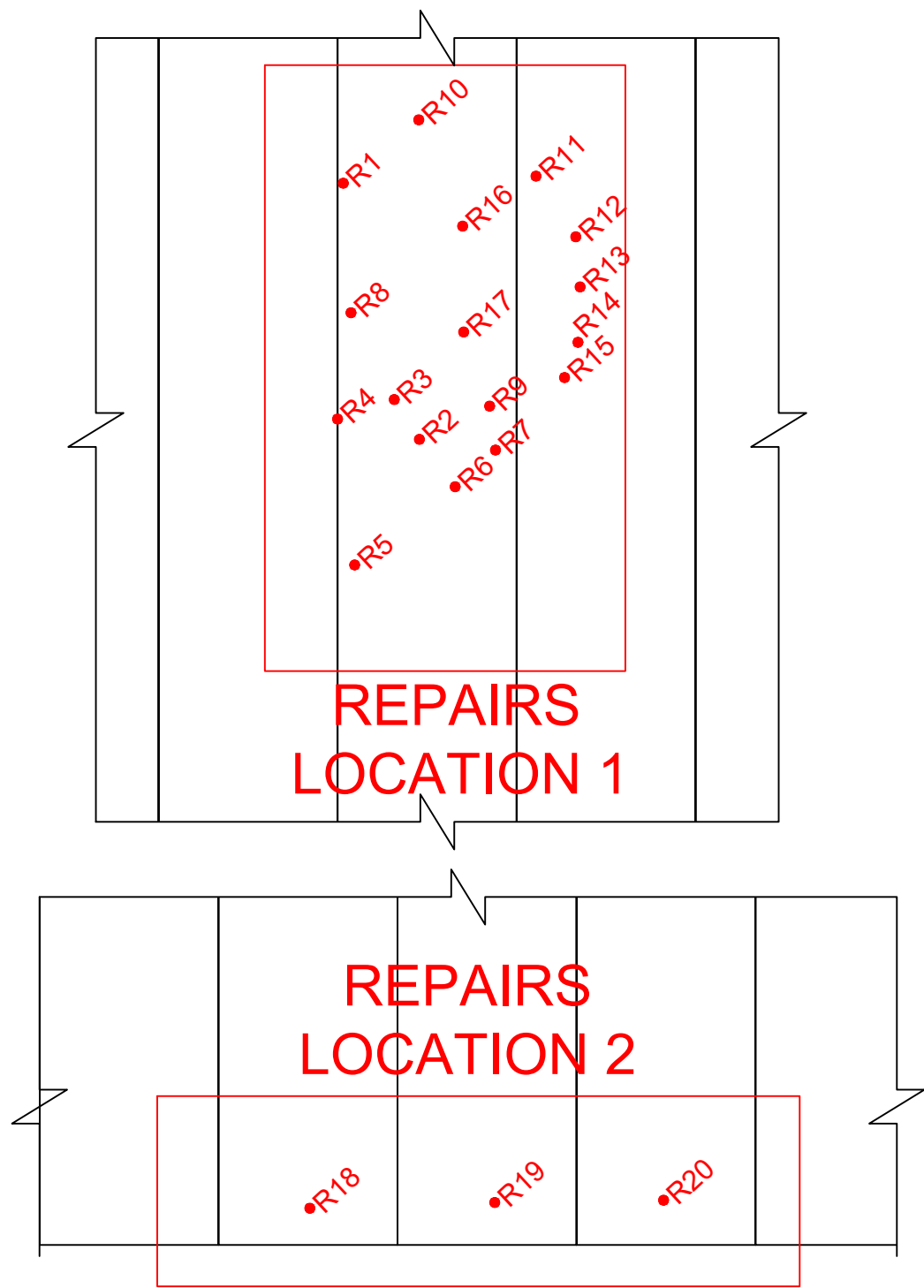
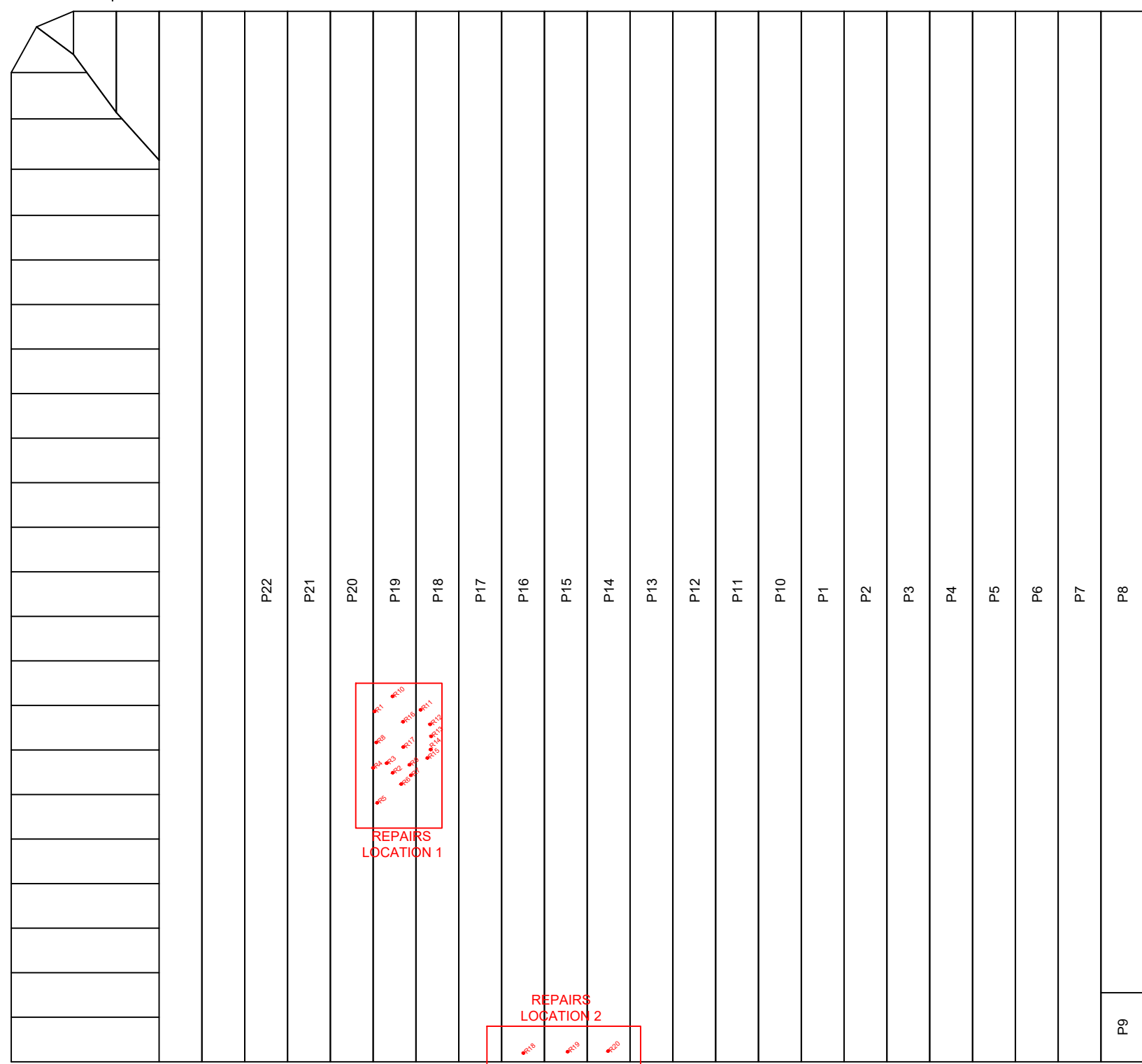
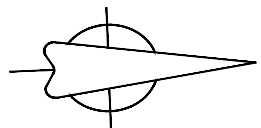
Chris Kozak, C.E.T.
Superintendent of Operations, Solid Waste Services



GEOMEMBRANE
QA-QC PACKAGE
FOR 60mil HDPE GEOMEMBRANE

TITAN ENVIRONMENTAL CONTAINMENT

R240009
BRADY ROAD RESOURCE MANAGEMENT FACILITY – CELL 34 REPAIRS
WINNIPEG, MB
COMPLETED JUNE 20, 2024



Report any discrepancies to Titan Environmental Containment Ltd. Do not scale dimensions from drawing. Do not modify drawing, re-use it, or use it for purposes other than those intended at the time of its preparation without prior written permission from Titan Environmental Containment Ltd. Final Panel Locations to be installed at the discretion of the TITAN field Superintendant as see fit to existing site conditions..

NOT APPROVED FOR CONSTRUCTION

PROJ. NO.:	R240009	Brady Road Resource Management Facility - Cell 34 REPAIRS	
DATE:	20-JUN-24	TITAN ENVIRONMENTAL CONTAINMENT LTD.	
DRAWN BY:	EA	CLIENT:	CITY OF WINNIPEG
REV. BY:	EA	DWG TITLE:	60mil HDPE CELL 34 REPAIRS
SCALE:	NTS	REV. NO.:	000
		DWG NO.:	001



EXTRUDER TRIAL LOG

Project Name: BRADY LANDFILL CELL 34 REPAIR

Product Type: 60 MIL DST HDPE

Extruder#: 21

Date: June 19, 2024

Sheet Type: 60 mil HDPE

Time: <u>12 pm</u> am/pm		BREAK TYPE	PASS
Technician: <u>Tc</u>			
Ambient Temp: <u>17</u> °C			
Ext Barrel Temp: <u>450</u> °C/°F			
Ext Air Temp: <u>460</u> °C/°F			
PEEL	<u>113</u>	F.T.B.	✓
	<u>100</u>	F.T.B.	✓
	<u>104</u>	F.T.B.	✓
		F.T.B.	
SHEAR	<u>145</u>	F.T.B.	✓
	<u>142</u>	F.T.B.	✓
	<u>141</u>	F.T.B.	✓
		F.T.B.	
		F.T.B.	

NOTES:

Time: _____ am/pm		BREAK TYPE	PASS
Technician: _____			
Ambient Temp: _____ °C			
Ext Barrel Temp: _____ °C/°F			
Ext Air Temp: _____ °C/°F			
PEEL		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
SHEAR		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	

NOTES:

Extruder#: _____

Date: _____

Sheet Type: _____

Time: _____ am/pm		BREAK TYPE	PASS
Technician: _____			
Ambient Temp: _____ °C			
Ext Barrel Temp: _____ °C/°F			
Ext Air Temp: _____ °C/°F			
PEEL		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
SHEAR		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	

NOTES:

Time: _____ am/pm		BREAK TYPE	PASS
Technician: _____			
Ambient Temp: _____ °C			
Ext Barrel Temp: _____ °C/°F			
Ext Air Temp: _____ °C/°F			
PEEL		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
SHEAR		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	
		F.T.B.	

NOTES: