

## Warm Mix Asphalt Site Report

Job No: SK Ministry of Highways and Infrastructure Hwy 5  
Date (D/M/Y): September 1, 2010  
Other Job Reference: Delivery Code- 82278  
Contractor / Agency: HJR Asphalt / SK Ministry of Highways and Infrastructure  
Location: Plant: Inland Pit, 10km East of Saskatoon on Hwy 5  
Paving Location: Hwy 7, east of Vanscoy, SK

Job Description: 3G                      DAT                      ET

HJR Asphalt was contracted by the Ministry to complete rubber asphalt TLO's (Thin Lift Overlay's) as part of the Saskatoon region maintenance program. The WMA portion of this project was only 1200 MT of the total 25000+MT of rubber asphalt mix required. The Evotherm 3G portion of this project was added after discussions between McAsphalt, HJR Asphalt and the Ministry.

With the CR addition, the AC is superheated to 180<sup>0</sup>C and mixed for about 45 minutes. The typical plant mixing temperature is about 165<sup>0</sup>C for this type of mix.

Arrival Time: 10:30am  
Departure Time: 2:00pm

Weather Conditions: Mainly sunny, about 20<sup>0</sup>C  
Length of Job: ~ 1000m Two Lane  
Total Tonnage: 1,200 MT  
Compaction: Density was not taken

### WMA General Info:

- Mix Type: HJR rubber AC design
- A/C Type: Evotherm J1 200/300 with CR
- A/C Source: Ambertec Macklin
- Temp. A/C in Storage Tanks: ~155<sup>0</sup>C
- Ambertec Ticket No(s): BL 32443 & BL 32444
- WMA Discharge Temp: ~155<sup>0</sup>C initial, ~145<sup>0</sup>C by the end
- WMA Laydown Temp: 85<sup>0</sup>C – 122<sup>0</sup>C
- Compaction Equipment Used: Breakdown – 14 T Double Steel Wheel Vibratory Roller, Finish – Steel Wheel

## Other Observations

Little to no fumes off the back of the paver.

Not as much clumping on the paver treads as conventional mix

McAsphalt Representative(s) : Ian Vickaryous  
Ritchie McFadyen  
Joe Nurkowski



HJR Plant: Crumb Rubber bin on right, augers to small black bin to be blown into silver AC tank. AC tank has 2 compartments both with mixers to make batches of AC. Drum mixer in back.