

## Warm Mix Asphalt Site Report

Job No: City of Vancouver, Nanaimo St.  
Date (D/M/Y): Aug 5 – 6 2010  
Other Job Reference: Evotherm Dat Trial  
Contractor/Agency: City of Vancouver (Both)  
Location: 34<sup>th</sup> Street & Nanaimo St - Gladstone

Job Description:       **3G**                       DAT                       ET

City of Vancouver repairs on residential streets. Scratch surface and thin overlay placed using Superpave 19mm Warm Mix.

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Arrival Time:            6:30 AM  
Departure Time:        4:00 PM

Weather Conditions: AM Cloudy 19<sup>0</sup>C – Afternoon 26<sup>0</sup>C  
Length of Job:         0.8KM  
Total Tonnage:        950 MT  
Stations:               N/A

### WMA General Info:

- Mix Type: 19 mm Superpave with 15% RAP
- A/C Type: 80/100 C Grade
- A/C Source: Chevron C Grade
- Temp. of A/C in Storage Tanks: 150<sup>0</sup>C
- Antistripping Type and Amt: None
- McAsphalt Ticket No(s):
- WMA Discharge Temperature: 130<sup>0</sup>C - 135<sup>0</sup>C
- WMA Laydown Temperature: 120-125<sup>0</sup>C (Hopper) 106<sup>0</sup>C -115<sup>0</sup>C behind paver
- Compaction Equipment Used: Double Steel for breakdown and Finish, Rubber tire



## Warm Mix Asphalt Site Report (Cont'd)

### Additional Comments:

- Batch Plant – 165 TPH
- AC Content – 3.8 % Virgin @ 1.2 % Rap
- Preliminary testing showed all physical properties were being met, compaction was in the 94% after finish roller (that is what they typically see)
- Compaction results seemed to be a tad better in tacked areas vs non tacked areas.
- Nice uniform application of Tack
- Crew loved product, no fumes, easy to work with
- City of Vancouver Field Testing Crew spoke positive about the product and were happy with overall preliminary tests
- Plant operator loved the ease of the DAT Unit, flick of a switch.
- Little to no fumes behind Paver, and at Plant

McAsphalt Representative: Trent Gofers



Fig 1 – Site Prep work



Fig 2: Tack Application



Fig 3: Laydown, NO FUMES



Fig 4 Compaction



Fig 5: Final Compaction



Fig 6: 34<sup>th</sup> and Nanaimo Completed