Project No.: EA16335



Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave

Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions 5671 - 70 Street

5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	ENNIS					
White '	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received	Date Reported	Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B3	CPP2004W0402	1.652	79.5	79.0	61.3	May-25	May-25	Jun-1	Emcon Hwy 770:02 CMA11 Jennifer Mazurak 780-293-0087
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.708	84.5	80.6	62.9				
L	ower Limit	1.608	74.5	76.6	58.9				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

Reviewed By:

Project No.: EA16335

wood.

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Fo	ormulation:	S	Supplier:	ENNIS					
White '	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B5	CPP2004W0402	1.622	78.2	78.8	61.1	May-25	May-28	Jun-8	Emcon Hwy CMA 20 Darcy Newton 403-334-2094
B7	CPP2004W0399	1.640	79.4	78.6	61	May-27	May-28	Jun-8	Consort ROBERT Kropinske 403-577-2701
B9	CPP1906W0878	1.630	76.6	78.6	61.1	Jun-1	Jun-1	Jun-8	Lafrentz Hwy 15 twinning
B10	CPP2004W0377	1.653	81.2	79.3	61.5	May-31	Jun-3	Jun-8	Taber Volker Stevin
B13	CPP2004W0349	1.646	77.8	78.8	61.2	May-12	Jun-3	Jun-8	Fort Macleod Volker Stevin
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.708	84.5	80.6	62.9				
L	ower Limit.	1.608	74.5	76.6	58.9				West of the second seco

* Indicates result outside tolerance	limits.	.1	
Test not Required by AT		M	
	PER:	MAN,	8-Jun-20
	199		DATE
	Reviewed By:		

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received		Applicator and Location
DAE	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B15	CPP2004W0339	1.644	76.2	78.3	60.7	May-28	Jun-4	Jun-15	Ledcor Hwy 508E 16:10 km 0
B17	CPP2004W0348	1.656	79.9	79.0	61.2	Jun-2	Jun-4	Jun-15	Volker Stevin, Taber Alberta
B18	CPP2004W0258	1.678	78.2	78.9	60.0	Jun-3	Jun-9	Jun-15	Ledcor Hwy 508 :16:06
B20	CPP2004W0348	1.638	80.3	79.0	61.5	Jun-4	Jun-9	Jun-15	West-Can/AAA stripping Hwy36:12
B22	CPP2004W0348	1.654	81.3	79.2	61.6	Jun-4	Jun-9	Jun-15	West-Can/AAA stripping Hwy 9:02 & 2:18
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
Ų	Jpper Limit	1.708	84.5	80.6	62.9				
L	ower Limit	1.608	74.5	76.6	58.9				

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F	ormulation:	L s	Supplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B26	CPP2005W0473	1.645	77.4	78.4	59.6	Jun-11	Jun-16	Jun-22	Emcon Hwy 813:06 Km 0 -Km 26:06 CM24 Arthur Kavulok 780-675-2780
B28	CPP1904W0236	1.642	76.6	78.6	61.1	Jun-14	Jun-17		
B30	CPP1908W1228	1.598*	78.8	78.4	61.0	Jun-3	Jun-17	Jun-22	Aecon Transportation West Hwy 22:08 Pm Larry Thomson 403-404-5777
B32	CPP2004W0280	1.634	80.1	78.7	61.3	Jun-17	Jun-19	Jun-22	Volker Stevin Medicine Hat
B34	CPP2004W0280	1.662	85.3	79.5	61.8	Jun-14	Jun-19	Jun-22	Volker Stevin Foremust
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tol	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
(Jpper Limit	1.708	84.5	80.6	62.9				
L	ower Limit	1.608	74.5	76.6	58.9				

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Fo	rmulation:	S	upplier:	ENNIS					
White \	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B36	CPP2004W0281	1.663	76.0	78.3	60.8	Jun-19	Jun-22	Jun-29	Lafrentz Hwy 685:04
B38	CPP2004W0258	1.653	78.4	78.6	61.1	Jun-24	Jun-25	Jun-29	Emcon Hwy 881:20 CMA 8 Sampler: Calvin Kissel 780-623-5228
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				The first superior and
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.708	84.5	80.6	62.9				
2 Lo	ower Limit	1.608	74.5	76.6	58.9				

* Indicates result outside tolerance limits. Test not Required by AT	, 11 1-
PER:	29-Jun-20
Reviewe	d By:

Project No.: EA16335



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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received	Date Reported	Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B42	CPP2004W0400	1.617	78.4	79.3	61.3	Jun-12	Jun-29	Jul-13	Lafrentz Hwy 2:64 CMA 4 East Jesse Kasouf 780-618-1685
B46	CPP2004W0348	1.649	81.3	79.4	61.8	Jun-20	Jun-29	Jul-13	AAA Striping Hwy 641:02
B48	CPP2004W0348	1.672	81.3	79.8	61.9	Jun-25	Jun-29	Jul-13	AAA Striping Hwy 36: 12
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
	_	± 0.05	± 5	absolute	absolute				
	Jpper Limit	1.708	84.5	80.6	62.9				
L	ower Limit	1.608	74.5	76.6	58.9				

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received	Date Reported	Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B50	CPP2005W0452	1.623	77.0	79.4	61.4	Jun-25	Jun-30	Jul-13	Aecon Transportation West Hwy 22: 08 Pm Larry Thomson
B52	CPP2005W0516	1.618	75.6	78.7	60.9	Jun-26	Jul-6	Jul-13	Lafrentz Hwy 35: 10& 08 CMA 4 East Jesse Kasouf 780-618-1685
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

* Indicates result outside tolerance limits. Test not Required by AT	11/1
PER:	13-Jul-20
Reviewed	By:

Project No.: EA16335



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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content	Pigment Content	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B56		1.592*		(%)	(%)				Line King Hwy 599: 04 & Hwy 36: 12
	CPP2005W0452	1.592	70.7	78.6	60.7	Jun-25	Jul-8	Jul-21	Line King nwy 599. 04 & nwy 50. 12
B58	CPP2006W0757	1.462*	62.2*	66.1*	52.3*	Jul-5	Jul-14	Jul-21	Aecon Transportation West Hwy 27:06/08 ,Hwy 590 & Hwy 2:22
B60	CPP2005W0515	1.660	77.2	79.2	61.4	Jul-16	Jul-16	Jul-21	Emcon Hwy28 :06
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
Ĺ	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

Project No.: EA16335



28-Jul-20

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave
Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions

5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152 Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	ENNIS					
White	White WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B64	CPP2006W0757	1.622	79.5	79.0	61.6	Jul-17	Jul-21	Jul-28	Line West Hwy 1/22 Contract No: 18822
B66	CPP2006W0788	1.635	77.2	79.0	61.2	Jul-21	Jul-21	Jul-28	Emcon Hwy 630:02 East of Hwy 824 CMA9
B68	CPP2005W0504	1.650	77.2	79.0	61.2	Jul-21	Jul-21	Jul-28	Emcon Comrose
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
Ų	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

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Fo	rmulation:	S	upplier:	ENNIS					
White '	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received	<u>'</u>	Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B72	CPP2004W0399	1.628	79.0	79.0	61.4	Jul-20	Jul-22	Jul-28	AAA Striping Hwy21:28 & 21: 29
			Toleranc	e Limits					·
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.708	84.5	80.6	62.9				
L	ower Limit	1.608	74.5	76.6	58.9				

* Indicates result outside tolerance limits.

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5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152 Fax +1 (780) 377-3599

ENNIS Formulation: Supplier: **Tests Required** White WB EF-61-0035 Lab Batch Relative Viscosity Non-Pigment Date Date Date Applicator and Location Sample Number Density Volatile Content Sampled Received Reported Number Content 2020 (25/25°C) (%) 2020 2020 2020 (Krebs) (%)Aug-10 SWRR-KGL/LineWest **B76** CPP2006W0757 1.670 84.7 79.7 62.6 Jul-17 Jul-23 **B80** Aug-10 | Aecon Transportation/ West Line, Hwy 54 CPP2006W0757 1.641 79.0 78.9 61.2 Jul-22 Jul-24 **B84** Aug-10 | Lafrentz Hwy 750:04 CMA 2 Jesse Kasouf 780-618-1685 CPP2005W0516 1.626 81.5 79.4 61.5 Jun-30 Jul-29 **Tolerance Limits** 2019 EF-61-0035 1.667 80.1 78.9 61 **Tolerance Limits** ± 2% ± 2% ± 0.05 ± 5 absolute absolute Upper Limit 1.717 85.1 80.9 63.0 Lower Limit 1.617 75.1 76.9 59.0

Project No.: EA16335



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Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received		Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B78	CPP2004W0339	1.658	81.5	79.1	61.2	Jul-10	Jul-23	Aug-10	Ledcor Hwy32:10
B82	CPP2004W0280	1.644	80.6	79.2	61.2	Jul-29	Jul-30	Aug-10	Volker Stevin Medicine Hat
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	lpper Limit	1.708	84.5	80.6	62.9				
L	ower Limit	1.608	74.5	76.6	58.9				

* Indicates result outside toleran	ce limits.	1440		
Test not Required by AT		11/ 1/		
	PER:	1 Lul	10-Aug-20	
		W '	DATE	
	Reviewe	d By:		

Upper Limit

Lower Limit

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 ± 0.05

1.717

1.617

± 5

85.1

75.1

absolute

80.9

76.9

absolute

63.0

59.0

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample	Batch Number	Relative Density	Viscosity	Non- Volatile	Pigment Content	Date Sampled	Date	Date Reported	Applicator and Location
Number	2020	(25/25°C)	(Krebs)	Content (%)	(%)	2020	2020	2020	
B86	CPP2006W0770	1.638	76.6	79.5	61.1	Aug-9	Aug-11		Volker Stevin Hwy61: 021 Foremost CMA24
B89	CPP2007W0854	1.642	77.6	78.3	61.2	Aug-12	Aug-12	Aug-17	Emcon Hwy 45:08 Sampler Tom Somerville
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				

* Indicates result outside tolerance limits.

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Fo	ormulation:	S	upplier:	ENNIS					
White \	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content	Pigment Content	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B93	CPP2007W0953	1.647	76.2	(%) 78.8	(%) 61.3	Aug-17	Aug-17		Emcon Hwy 628: 02 CMA11 Sampled By Jen Mazurek 780-293-0097
B95	CPP2007W0969	1.623	79.1	79.2	61.6	Aug-8	Aug-17		Lafrentz Hwy 16: 08 Sampler Jason Choi 403-890-8426
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B103	CPP2005W0475	1.657	80.1	79.5	61.6	Aug-14	Aug-27	Sep-8	West -Can Seal Coating' LTD Hwy 774:02
B105	CPP2007W0953	1.622	79.5	79.2	61.5	Aug-21	Aug-28	Sep-8	Lafrentz Hwy 64: 02 CMA 4 West Jesse Kasouf 708-618-1685
B107	CPP2006W0787	1.668	81.3	79.5	61.5	Aug-21	Sep-1	Sep-8	Volker Stevin, Hwy 766 :02 Km 0.0- 27.3 CMA520 Paul Prout 403-803-4034
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits	± 0.05	± 5	± 2% absolute	± 2% absolute				
U	Ipper Limit	1.717	85.1	80.9	63.0				
	ower Limit	1.617	75.1	76.9	59.0				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

8-Sep-20

DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Engineering Interpretation or evaluation of the test results is provided only on written request.

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B109	CPP2006W0770	1.650	79.7	79.2	61.4	Sep-1	Sep-4	Sep-15	Volker Stevin Vulcan
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
Ł	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

* Indicates result outside tolerance li	mits.	. 11
Test not Required by AT		
	PER:	15-Sep-20
		DATE
	Reviewed By:	
	·	70

Project No.: EA16335

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave
Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions

5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	ENNIS					
White \	WB EF-61-0035		Tests Re	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled 2020	Date Received 2020		Applicator and Location
B112	CPP2008W1127	1.623	(Krebs) 75.0	(%) 78.5	(%) 60.8	Sep-8	Sep-9	2020 Son 21	Hwy 63 :0.0
B114	CPP2006W0757	1.615	78.2	78.9	61.1	N/A	Sep-9		West Line Rocky View County, Contract Number 20-004
B116	CPP2008W1127	1.640	77.2	79.0	61.2	Aug-30	Sep-9	-	Aecon Hwy 5-4-52 Contract Number 19261
B118	CPP2007W0911	1.639	72.2*	78.2	60.8	Sep-9	Sep-10		Volker Stevin Hwy 564:08 CMA 515
B124	CPP2007W0953	1.642	75.6	78.9	61.3	Aug-26	Sep-15	Sep-21	Lafrentz CMA 1
B126	CPP2008W1127	1.618	76.2	78.0	61.6	Sep-10	Sep-16	Sep-21	Lafrentz Hwy 40: 28
B128	CPP2005W0494	1.663	80.6	79.0	61.5	Aug-28	Sep-16	Sep-21	AAA Striping Hwy 2 :24 NBL & SNL
			Tolerand	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61			1010101010101010101010101	
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Ipper Limit	1.717	85.1	80.9	63.0				
Le	ower Limit	1.617	75.1	76.9	59.0				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

21-Sep-20

DATE

Reviewed By:

Project No.: EA16335



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Fo	ormulation:	s	upplier:	ENNIS					
White '	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B130	CPP2006W0758	1.643	79.5	76.9	62.0	Sep-9	Sep-17		Volker Stevin Hwy 3 : 14 CMA 24
B131	CPP2006W0753	1.656	80.1	79.1	61.1	Sep-9	Sep-17		Volker Stevin Hwy 36 : 04 CMA 24
B132	CPP2006W0757	1.620	74.6*	78.2	61.2	Sep-14	Sep-18		Aecon Transportation West Ltd Hwy 11: 12 WBL
B134	CPP2008W1138	1.660	77.2	78.7	60.9	Sep-17	Sep-18	Sep-29	Emcon Hwy 15 : 06
B138	CPP008W1128	1.648	77.2	78.5	61.4	Aug-28	Sep-22	Sep-29	Emcon Hwy Three Hills
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Ipper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

* Indicates result outside tolerance limits.
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29-Sep-20

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received	Date Reported	Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B140	CPP2003W0250	1.635	78.4	78.7	61.0	Sep-18	Sep-22	Sep-29	Ledcor Hwy 47-521A/508
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.708	84.5	80.6	62.9				
L	ower Limit	1.608	74.5	76.6	58.9				

* Indicates result outside tolerance limits.

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Fo	rmulation:	S	upplier:	ENNIS					
White \	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received	Date Reported	Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B146	CPP2003W0234	1.622	79.0	78.8	61.0	Aug-10	Sep-26	Oct-6	Ledcor Hwy 2:72
			Toleranc	e Limits					
2018	EF-61-0035	1.658	79.5	78.6	60.9				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	pper Limit	1.708	84.5	80.6	62.9				
Le	ower Limit	1.608	74.5	76.6	58.9				

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Formulation:		s	upplier:	ENNIS					
White '	White WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B147	CPP2007W0911	1.667	76.8	78.9	61.2	Sep-22	Sep-28	Oct-6	Volker Stevin Exit 105 Ramps Hwy1;02 Km 22:863 Paul Prout 403-803-4034
B149	CPP2007W0911	1.619	74.0*	79.3	61.4	Sep-25	Sep-29		Aecon Hwy 2:02 Contract Number 20468 Sampled By Contractor
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	Tolerance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Upper Limit		85.1	80.9	63.0				
Lower Limit		1.617	75.1	76.9	59.0				

* Indicates result outside tolerance limits.

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Formulation: White WB EF-61-0035		S	upplier:	ENNIS					
			Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Date Sampled 2020	Date Received 2020	Date Reported 2020	Applicator and Location
B151	CPP2007W0911	1.622	79.3	79.2	61.3	Sep-28	Oct-1	Oct-15	Line King South Hwy 628 to Hwy 16 Km:15+010 to Km 33+900
B155	CPP2009W1291	1.645	76.0	78.5	60.8	Sep-29	Oct-7		Emcon Hwy 2:46 Km 42 CMA6 East
B157	CPP2006W0763	1.621	77.0	78.6	61.1	Sep-25	Oct-7	Oct-15	Emcon Hwy 33:12 Km 13 CMA 6 East
B159	CPP2009W1256	1.643	77.0	78.7	60.3	Sep-29	Oct-7		Emcon Hwy 750:02 Km 12 CMA 6 West
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tolerance Limits				± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
Upper Limit		1.717	85.1	80.9	63.0				
Lower Limit		1.617	75.1	76.9	59.0				

Not:

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PER:

15-Oct-20

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Reviewed By:

Reporting of these results constitutes a testing service only.

Engineering Interpretation or evaluation of the test results is provided only on written request.

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Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Date Sampled	Date Received	Date Reported	Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)	2020	2020	2020	
B161	CPP2008W1153	1.599*	76.3	77.9	61.8	Sep-28	Oct-15	Oct-27	Lafrentz Acheson
B163	CPP2008W1127	1.637	77.8	78.9	61.3	Sep-25	Oct-15	Oct-27	Contract Number 0019804 Hwy 43:14 WBL Whitecourt
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tolerance Limits				± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
	Upper Limit		85.1	80.9	63.0				
Lower Limit		1.617	75.1	76.9	59.0				
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27-Oct-20

Reviewed By: