

## Memorandum

DATE: March 18, 2015

TO: Tania Steele FROM: Eshetu Beshada, Ph.D., P.Eng.

Environmental Engineer

Municipal and Industrial Section

160 - 123 Main Street Winnipeg, Mb R3C 1A5

Ph:204 945-7023

SUBJECT: Cloverdale Paint Inc. – Information for Public Registries

Tania,

Please find attached additional information provided related to Cloverdale Paint Inc file (2743.10) for distribution to the public registries. The documents included are:

- March 17, 2015 a memo from Environmental Compliance and Enforcement, 1 page
- February 25, 2015 an email from Muntaseer Ibn Azkar, 1 page
- January 21, 2015 a letter from Shaun Moffatt, 16 pages

18 pages total
Thank you.
Eshetu Beshada, Ph.D., P. Eng.



## Memorandum

DATE: March 17, 2015

TO: Eshetu Beshada

**Environmental Approvals** 

Conservation and Water Stewardship

123 Main St Suite 160 (Box 80)

Winnipeg MB R3C 1A5

FROM: Environmental Compliance and Enforcement

Conservation and Water Stewardship

1007 Century St

Winnipeg MB R3H 0W4

SUBJECT: Environment Act Proposal – Response to Comments– Cloverdale Paint Client File

No.2743.10

Environmental Compliance and Enforcement (Central Region) has reviewed the additional information provided by the applicant Environment Act Proposal (EAP), as had been requested during the initial review of the Proposal.

Based upon the review of this information, ECE has no further questions or concerns respecting this proposal.

#### Beshada, Eshetu (CWS)

----Original Message----

From: Ibn Azkar, Muntaseer (CWS) Sent: February-25-15 3:40 PM To: Beshada, Eshetu (CWS) Cc: Molod, Rommel (CWS)

Subject: RE: Cloverdale Paint's Response to Comments on EAP

Hello Eshetu,

We have reviewed the response regarding VOC emission assumptions and calculations provided by Cloverdale Paint. We do not have any more comment on this as the response are addressed our concern.

Thank you.

Muntaseer Ibn Azkar Air Quality Specialist

Environmental Programs and Strategies Branch Manitoba Conservation and Water Stewardship

1007 Century Street, Winnipeg MB R3H 0W4 Phone : 204 945 4102

Fax: 204 948 2420

Email : muntaseer.ibnazkar@gov.mb.ca





3rd Floor 865 Waverley Street Winnipeg, Manitoba R3T 5P4 204.896.1209 fax: 204.896.0754 www.kqsqroup.com January 21, 2015

File No. 14-2729-001

Manitoba Conservation and Water Stewardship Environmental Approvals Branch Suite 160 -123 Main Street Winnipeg, Manitoba R3C 1A5

ATTENTION: Eshetu Beshada, Ph.D., P. Eng. Environmental Engineer

RE: Cloverdale Paint Inc., Environment Act Proposal

File number: 2743.10

Response to Comments on Environment Act Proposal

Dear Mr. Beshada:

KGS Group in conjunction with Cloverdale Paint Inc. (Cloverdale) has prepared this response to the comments and requests for additional information raised by the public and Technical Advisory Committee (TAC) after review of the Environment Act Proposal (EAP) The EAP was submitted July 28, 2014 for licencing approval of the continued operation and expansion of Cloverdale Paint manufacturing plant and warehouse located at 50 and 70 Panet Road. Responses are provided below for the three (3) items identified in your email dated December 24, 2014 and the telephone discussions with Shaun Moffatt so that you can proceed with the licensing process.

### 1. The specifications on the volume of containment provided by the dyke surrounding the tank Farm:

The EAP described the tank farm (Section 2.6.2) as covering an area of approximately 833 m² with the tanks installed upon a cement pad and the area enclosed by a cinder block dyke to a height of approximately 60 cm (coated to seal). In response to this request, however, the precise dimensions of the containment were measured as 50.3 m by 16.8 m and 0.4 m high. This provides a total volume of containment of 338 m³ or 338,000 L. The containment provided by the dyke area is an additional redundancy as the tanks themselves are double walled and therefore already provide the required secondary containment. This additional containment volume is also much larger than the capacity required to comply with the Canadian Council of Ministers of the Environment – Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Products.

2. More specifications about the bermed containment area (for example, the level of compaction of the clay), and the volume of containment provided.

As noted in the EAP, there are two sump pits within the warehouse to contain spills, each with a capacity of approximately 750 litres. As a redundancy these two sump pits are connected by pipe to a clay bermed containment area located outside

adjacent the north side of the warehouse. This clay bermed containment area is a back-up containment area only, which has never been required to date during operation of the facility. This containment area has a capacity of approximately 151,400 L (40,000 imperial gallons) and is lined with approximately 0.5 m (1.5 ft) clay compacted to 95% Standard Proctor Density which is overlain by 0.15 m (0.5 ft) topsoil and sod compacted to 90% Standard Proctor Density.

#### 3. A detail VOC emission assumptions and calculations.

Muntaseer Ibn Azkan, Air Quality Specialist at MCWS was contacted on January 19, 2014 for clarification of what was required. During this discussion, Muntaseer indicated that modelling of VOC emissions completed by MCWS indicated the impacts from the Cloverdale facility were not significant. The modelling used the estimate of VOC emissions calculated by Cloverdale based on the facilities 2013 material usage, as previously provided in the letter submitted by KGS Group dated October 6, 2014. Muntaseer indicated, however that they would like more details on how Cloverdale came up with the estimate of VOC emissions, specifically the assumed 3% loss of material.

Further to Muntaseer's request for more details, the assumption of an average 3% loss of material is based on the Production Variance reports that can be generated for each product produced. Sample reports showing the yield variances for each job and the summary of all jobs in 2013 for twelve of the Cloverdale finished products is provided in Appendix A. The assumption of an average 3% material loss was based on the "Yield RM%" data, which is the percentage of finished material produced for a batch in comparison to the amount of raw material input. The all jobs average Yield RM% for the twelve Production Variance Reports provided in Appendix A (red box) ranged from 95.6 to 99.9%. This equates to an overall average for these twelve products of 97.5% and therefore a material loss of 3% was used as a conservative estimate.

We trust the above information is adequate for the comments, questions and concerns raised by the respondents, however please do not hesitate to contact the undersigned should you have further questions.

Yours truly,

Shaun Moffatt, M.Sc.

Senior Environmental Scientist

GS/jr

cc Mr. Bill Kielly, Cloverdale Paint

# APPENDIX A PRODUCTION VARIANCE REPORTS



Date: 01/19/2015

Production Variance by Product CLOVERDALE PAINT INC.

Page: 1

Time: 16:03

User: bill CLOVERDALE PAINT INC. (Chip )

OBCI. DIII											
					=========					:======	
Location: 398 Job Type:	* Job: *	Product Type: PV	Produc	t: ef06428p1	From	Date: 01/01/2	013 To I	Date: 12/31	1/2013		
		=======================================					========	.======:		.======:	
Date	Prd	Default Planned	Actual	RM Yield	Yield Yield	RMCost RMV	ar BchVar	Act	Std	Var	Var
Prod Job Compl. PT Product	Item Description Unit Mth	Qty Qty	Qty	Qty Plan%	RM% Std%	Var% Uni	t\$ Unit\$	Unit\$	Unit\$	Unit\$	Unit%
398014792 01/14/13 PV EF06428P1	OFF WHITE URETH 3.78 L LP1	2000 3480	3589	3676 103.1	97.6 96.0	0.4 0.0	2 0.04-	5.58	5.61	0.03-	0.53-
398016238 04/25/13 PV EF06428P1	OFF WHITE URETH 3.78 L LP1	2000 4400	4651	4712 105.7	98.7 96.0	12.6- 0.7	3- 0.07-	5.00	5.79	0.79-	13.64-
398016798 06/06/13 PV EF06428P1		2000 4400	4251	4428 96.6	96.0 96.0	2.4 0.1	4 0.05-	5.88	5.78	0.10	1.73
398017414 08/14/13 PV EF06428P1		2000 2800	2681	2764 95.8	97.0 96.0	7.7 0.4	4	6.17	5.73	0.44	7.68
398018097 10/03/13 PV EF06428P1		2000 4400	4375	4559 99.4	96.0 96.0	4.2 0.2	4 0.02-	5.94	5.73	0.21	3.66
398018757 12/06/13 PV EF06428P1		2000 4800	4699	4915 97.9	95.6 96.0	0.2 0.0	1 0.05-	5.72	5.76	0.04-	0.69-
398019159 12/19/13 PV EF06428P1		2000 4800	4566	4736 95.1	96.4 96.0	1.7- 0.1	0- 0.06-	5.60	5.76	0.16-	2.78-
PV EF06428P1		29080	28812	29790 99.1	96.7 96.0	0.5- 0.0	3- 0.04-	5.67	5.74	0.08-	1.32-
2.0012012											
	ALL PV/PW BATCHES	29080	28812	29790 99.1	96.7 96.0	0.5- 0.0	3- 0.04-	5.67	5.74	0.08-	1.32-
	ALL IVII DAICHED	23000			20 20.0	0.0	- 0.0-	• .			

Production Variance by Product CLOVERDALE PAINT INC.

Page:

Time: 15:07

User: bill CLOVERDALE PAINT INC. (Chip )

Location: 398 Job Ty	e: * Job: *		Product	Type: PV	Produc	ct: ef16	063p1		From	Date: 01	1/01/2013	To D	ate: 12/	31/2013		
	=======================================	========			========			=====			.======		======	======	=======	
Date		Prd	Default	Planned	Actual	RM	Yield	Yield	Yield	RMCost	RMVar	BchVar	Act	Std	Var	Var
Prod Job Compl. PT Product	Item Description	Unit Mth	Qty	Qty	Qty	Qty	Plan%	R <b>M</b> %	Std%	Var%	Unit\$	Unit\$	Unit\$	Unit\$	Unit\$	Unit%
398015496 04/04/13 PV EF1606	P1 BLACK BOURGAULT 2001	L L LP3	1000	3000	3000	3026	100.0	99.1	96.0	3.0-	0.24-	0.13-	7.61	7.98	0.37-	4.64-
398016189 04/04/13 PV EF1606			1000	3000-	3000-	3026-	100.0	99.1	96.0	3.0-	0.24-	0.13-	7.61	7.98	0.37-	4.64-
398016190 04/04/13 PV EF16063	P1 BLACK BOURGAULT 2001	L L LP3	1000	3000	3000	3050	100.0	98.4	96.0	2.1-	0.17-	0.13-	7.68	7.98	0.30-	3.76-
398016453 06/12/13 PV EF16063	P1 BLACK BOURGAULT 2001	L L LP3	1000	3200	2997	3114	93.7	96.2	96.0	1.6	0.13	0.13-	7.98	7.98		
398017287 08/15/13 PV EF16063	P1 BLACK BOURGAULT 2001	L L LP3	1000	2800	2828	2935	101.0	96.4	96.0	2.9	0.23	0.13-	8.06	7.96	0.10	1.26
398018557 11/13/13 PV EF16063	P1 BLACK BOURGAULT 2001	L L LP3	1000	4000	3862	3920	96.6	98.5	96.0	0.5-	0.04-	0.15-	7.84	8.04	0.20-	2.49-
398019297 12/16/13 PV EF16063	P1 BLACK BOURGAULT 2001	L L LP3	1000	1050	1529	1472	145.6	103.9	96.0	3.2-	0.26-	0.09-	7.70	8.04	0.34-	4.23-
PV EF16063	P1 ALL JOBS			14050	14216	14491	101.2	98.1	96.0	0.0	0.00	0.13-	7.86	8.00	0.13-	1.68-
						. <b></b>										
	ALL PV/PW BATCHES			14050	14216	14491	101.2	98.1	96.0	0.0	0.00	0.13-	7.86	8.00	0.13-	1.68-

# Production Variance by Product CLOVERDALE PAINT INC. CLOVERDALE PAINT INC. (Chip )

Page: 1

Time: 16:02

User: bill CLOVERDALE PAINT INC. (Chip )

Location: 398	Job Type:	* Job: *			Product	Type: PV	Produc	ct: ef25	520p1		From	Date: 01	./01/2013		ate: 12/	•		
Date				Prd	Default	Planned	Actual	RM	Yield	Yield	Yield	RMCost	RMVar	BchVar	Act	Std	Var	Vai
Prod Job Compl. F	T Product	-	Unit		Qty	Qty	Qty		Plan%	RM%	Std%	Var%	Unit\$	Unit\$	Unit\$	Unit\$	Unit\$	Unit
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2835	2984	94.5	95.0	96.0	1.1	0.12	0.01	10.68	10.55	0.13	1.23
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2892	2967	96.4	97.5	96.0	1.4-	0.15-		10.37	10.52	0.15-	1.43
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2830	2972	94.3	95.2	96.0	0.9	0.09	0.01	10.58	10.48	0.10	0.95
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2758	3147	91.9	87.6	96.0	5.2	0.55	0.01	11.09	10.52	0.57	5.42
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2930	2984	97.7	98.2	96.0	2.1-	0.22-		10.34	10.56	0.22-	2.08
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2911	2967	97.0	98.1	96.0	1.0-	0.11-		10.46	10.57	0.11-	1.04
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2930	2967	97.7	98.7	96.0	1.7-	0.18-		10.37	10.55	0.18-	1.71
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2911	2967	97.0	98.1	96.0	1.0-	0.11-		10.44	10.55	0.11-	1.04
		2:1TGR YLW SSII 3.78		LP3	3000	2000	1924	2010	96.2	95.7	96.0	3.4	0.36	0.07	11.07	10.64	0.43	4.04
		2:1TGR YLW SSII 3.78		LP3	3000	2000	1897	1993	94.9	95.2	96.0	2.0	0.21	0.05	10.91	10.64	0.27	2.54
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2904	2974	96.8	97.6	96.0	0.8-	0.09-		10.59	10.67	0.08-	0.75
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2739	2967	91.3	92.3	96.0	5.0	0.54	0.01	11.31	10.76	0.55	5.11
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2946	2984	98.2	98.7	96.0	1.9-	0.20-		10.58	10.77	0.19-	1.76
		2:1TGR YLW SSII 3.78		LP3	3000	3000	2788	2983	92.9	93.5	96.0	3.8	0.41	0.01	11.19	10.77	0.42	3.90
	V EF25520P1					40000	38192	39866	95.5	95.8	96.0	0.7	0.07	0.01	10.69	10.61	0.08	0.79
		ALL PV/PW BATCHES				40000	38192	39866	95.5	95.8	96.0	0.7	0.07	0.01	10.69	10.61	0.08	0.79

Production Variance by Product CLOVERDALE PAINT INC.

Page: 1

Time: 14:54

User: bill CLOVERDALE PAINT INC. (Chip )

Locatio	on: 398	Job Type:	* Job: *		:	Product	Type: PV	Produc	t: ef72	028p2 ======		From	Date: 0	1/01/2013 =======	To D	ate: 12/	31/2013		
Prod Job	Date Compl.	PT Product	Item Description	Unit	Prd t Mth	Default Qty	Planned Qty	Actual Qty		Yield Plan%		Yield Std%	RMCost Var%	RMVar Unit\$	BchVar Unit\$	Act Unit\$	Std Unit\$	Var Unit\$	Var Unit%
398014526	03/06/13	PV EF72028P2	EPOXY PART 2 3L		LB1	1000	725	829	843	114.3	98.3	98.0	9.5-	0.42-	0.02	4.03	4.44	0.41-	9.23-
	,,		EPOXY PART 2 3L	L	LB1	1000	1000	1005	1030	100.5			2.5	0.11		4.58	4.47	0.11	2.46
398017342	07/19/13	PV EF72028P2	EPOXY PART 2 3L	L	LB1	1000	1000	990	1005	99.0	98.5	98.0	2.5			4.44	4.44		
398018242	10/31/13	PV EF72028P2	EPOXY PART 2 3L	L	LB1	1000	1000	1170	1190	117.0	98.3	98.0	2.3	0.10	0.02-	4.51	4.43	0.08	1.81
398019212	12/03/13	PV EF72028P2	EPOXY PART 2 3L	L	LB1	1000	1000	1160	1170	116.0	99.2	98.0	2.3		0.02-	4.39	4.41	0.02-	0.45-
		PV EF72028P2	ALL JOBS				4725	5154	5238	109.1	98.4	98.0	0.5-	0.02~	0.01-	4.41	4.44	0.03-	0.70-
			ALL PV/PW BATCHES				4725	 5154	5238	109.1	98.4	98.0	0.5-	0.02-	0.01-	4.41	4.44	0.03-	0.70-

Date: 01/19/2015

User: bill

#### Production Variance by Product CLOVERDALE PAINT INC.

Page:

Time: 14:54

CLOVERDALE PAINT INC. (Chip )

\_\_\_\_\_\_\_ Location: 398 Job Type: \* Job: \* Product Type: PV Product: ef72074p2 From Date: 01/01/2013 To Date: 12/31/2013 Date Prd Default Planned Actual RM Yield Yield RMCost RMVar BchVar Act Std Var Var Prod Job Compl. PT Product Item Description Unit Mth Qty Oty Qty Qty Plan% RM% Std% Var% Unit\$ Unit\$ Unit\$ Unit\$ Unit\$ Unit% 398015552 02/28/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L 378 388 98.2 95.6 98.0 3.5 0.11 0.12 3.41 3.18 0.23 7.23 398016241 04/24/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L LB1 800 610 619 622 101.5 99.5 98.0 0.9-0.03-0.03 3.24 3.24 398016432 05/03/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L LB1 800 378 388 390 102.7 99.5 98.0 0.6-0.02-0.11 3.33 3.24 0.09 2.78 378 398016760 05/30/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L LB1 800 359 388 95.0 92.6 98.0 6.8 0.22 0.13 3.57 3.22 0.35 10.87 398016938 06/12/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L LB1 800 388 400 97.0 97.0 98.0 1.5 400 0.11 3.39 3.23 0.16 4.95 398017324 07/10/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L LB1 800 820 804 820 98.1 98.1 98.0 1.5 3.18 3.19 0.01- 0.31-398017487 07/31/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L LB1 800 380 380 96.9 96.9 368 98.0 1.6 0.12 3.35 3.19 0.05 0.16 5.02 398018053 09/17/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L 387 99.2 96.9 98.0 2.2 LB1 800 378 375 0.07 0.12 3.38 3.19 0.19 5.96 398018676 10/22/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L 810 LB1 800 814 826 100.5 98.6 98.0 2.2 3.22 3.22 398018789 11/15/13 PV EF72074P2 2:1.5 RATIO EPO 18.9 L 394 102.1 98.5 98.0 2.2 380 388 0.11 3.37 3.26 0.11 3.37 PV EF72074P2 ALL JOBS 4995 99.2 97.6 98.0 1.0 4912 4874 0.03 0.07 3.31 3.22 0.10 3.02 ALL PV/PW BATCHES 4912 4995 99.2 97.6 98.0 1.0 0.03 0.07 3.31 3.22 0.10 3.02

Program: prd0121. Ver: 1.0 Production Variance by Product Page: 1
Date: 01/19/2015 CLOVERDALE PAINT INC. Page: 14:56

User: bill

CLOVERDALE PAINT INC. (Chip )

Location: 398	Job Type:	* Job: *		Product	Type: PV	Produc	ct: ef72095	===== 5p1 =====	======	From	======= Date: 0: =======	./01/2013	To Da	ate: 12/	31/2013		
Date Prod Job Compl.	PT Product	Item Description	Prd Unit Mth	Default Qty	Planned Qty	Actual Qty	RM Y		Yield RM%	Yield Std%	RMCost Var%	RMVar Unit\$	BchVar Unit\$	Act Unit\$	Std Unit\$	Var Unit\$	Var Unit%
398017343 07/31/13	PV EF72095P1	GI72000 BLACK E 3.78 GI72000 BLACK E 3.78 GI72000 BLACK E 3.78 ALL JOBS	L LP3	1000 1000 1000	1396 1396 1426 4218	1234 1339 1426 3999	1352 S	95.9 00.0	93.1 99.1 94.6 95.6	96.0 96.0 96.0 96.0	6.9 2.5 2.5 3.8	0.40 0.15 0.15 0.23	0.02- 0.04- 0.05- 0.04-	6.16 6.07 6.08 6.10	5.79 5.96 5.99 5.92	0.37 0.11 0.09 0.18	6.39 1.85 1.50 3.09
		ALL PV/PW BATCHES			4218	3999	4185	94.8	95.6	96.0	3.8	0.23	0.04-	6.10	5.92	0.18	3.09

#### Production Variance by Product CLOVERDALE PAINT INC.

Page: 1 Time: 14:57

Date: 01/19/2015 CLOVERDALE PAINT INC.
User: bill CLOVERDALE PAINT INC. (Chip )

			=======			=======	======		======						=======	=======	======
Location: 398	Job Type:	* Job: *		Product	Type: PV	Produ	ct: ef72	097p1		From	Date: 0	1/01/2013	To D	ate: 12/	31/2013		
			.======			=======		.======	======								======
Date			Prd	Default	Planned	Actual	RM	Yield	Yield	Yield	RMCost	RMVar	BchVar	Act	Std	Var	Var
Prod Job Compl.	PT Product	Item Description	Unit Mth	Qty	Qty	Qty	Qty	Plan%	RM%	Std%	Var%	Unit\$	Unit\$	Unit\$	Unit\$	Unit\$	Unit%
398014235 01/04/13	PV EF72097P1	GI72000 GREY EP 3.78	L LP3	2000	1500	1494	1625	99.6	91.9	96.0	1.1-	0.08-	0.03	6.92	6.98	0.06-	0.86-
398014979 03/18/13	PV EF72097P1	GI72000 GREY EP 3.78	L LP3	2000	2600	2538	2601	97.6	97.6	96.0	1.1-	0.08-	0.03-	6.87	6.98	0.11-	1.58-
398015934 06/19/13	PV EF72097P1	GI72000 GREY EP 3.78	L LP3	2000	2600	2595	2655	99.8	97.7	96.0	1.3-	0.09-	0.03-	6.99	7.11	0.12-	1.69-
398017181 07/05/13	PV EF72097P1	GI72000 GREY EP 3.78	L LP3	2000	2600	2688	2807	103.4	95.8	96.0	4.7-	0.33-	0.04-	6.73	7.09	0.36-	5.08-
398018114 09/27/13	PV EF72097P1	GI72000 GREY EP 3.78	L LP3	2000	1450	1434	1450	98.9	98.9	96.0	2.8-	0.20-	0.03	6.92	7.09	0.17-	2.40-
398018649 11/12/13	PV EF72097P1	GI72000 GREY EP 3.78	L LP3	2000	2480	2586	2663	104.3	97.1	96.0	0.6	0.04	0.03-	7.11	7.11		
	PV EF72097P1	ALL JOBS			13230	13335	13801	100.8	96.6	96.0	1.7-	0.12-	0.02-	6.92	7.06	0.14-	2.01-
		ALL PV/PW BATCHES			13230	13335	13801	100.8	96.6	96.0	1.7-	0.12-	0.02-	6.92	7.06	0.14-	2.01-

Program: prd0121. Ver: 1.0 Production Variance by Product Page: 1
Date: 01/19/2015 CLOVERDALE PAINT INC. Time: 15:07

User: bill CLOVERDALE PAINT INC. (Chip

ALL PV/PW BATCHES

Location: 398 Job Type: \* Job: \* Product Type: PV Product: ef75081p1 From Date: 01/01/2013 To Date: 12/31/2013 Prd Default Planned Actual RM Yield Yield RMCost RMVar Std BchVar Act Var Var Prod Job Compl. PT Product Item Description Qty Unit Mth Qty Qty Qty Plan% RM% Std% Var% Unit\$ Unit\$ Unit\$ Unit\$ Unit\$ Unit% -----\_\_\_\_\_ -----398014294 01/18/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 6000 5489 5655 91.5 97.1 960 35 0 22 0.03-6.45 6.25 0.20 3 20 398015132 02/07/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L 2600 6000 5520 5640 92.0 97.9 96.0 3.0 0.19 0.03-6.40 6.24 0.16 398015372 02/15/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L 6.43 6.23 LP3 2600 5200 4752 4888 91.4 97.2 0.03-96.0 3.7 0.23 0.20 3.21 398015544 02/28/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 5136 91.7 97.6 6.27 5264 96.0 3.3 0.21 0.03-6.45 0.18 2.87 398015492 03/13/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5200 92.5 97.8 4810 4917 96.0 3.3 0.21 0.03-6.47 6.29 0.18 2.86 398015719 03/19/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 5144 5264 91.9 97.7 96.0 2.9 0.18 0.03-6.31 6.46 0.15 2.38 398015918 03/19/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600-5144-5264- 91.9 97.7 96.0 2.9 0.18 0.03-6.46 6.31 0 15 2.38 398015919 03/19/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 4824 5264 86.1 91.6 96.0 7 9 0.50 0.04-6.77 6.31 0.46 7 29 398015797 03/28/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 5122 5264 91.5 97.3 2600 5600 96.0 3.3 0.21 0.03-6.51 6.32 0.19 3.01 398015926 04/11/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 5140 5274 91.8 97.5 96.0 3.2 0.20 0.03-6.50 6.33 0.17 2.69 398016042 04/25/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 5124 5264 91.5 97.3 96.0 2 8-0.19-0.03-6.49 6.71 0.22-3.28-398016788 05/06/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 4942 5264 88.3 93.9 96.0 6.0 0.40 0.04-7.08 6.72 0.36 5.36 398016379 05/08/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5200 4696 4890 90.3 96.0 96.0 6.72 3.9 0.04-6.94 0.22 0 26 3.27 398016787 05/15/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600-5122-5264- 91.5 97.3 96.0 3.4 0.23 0.03-6.92 6.72 0.20 2.98 398016492 06/12/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 5316 5624 94.9 94.5 96.0 7.3 0.49 0.03-7.16 6.71 0.45 6.71 398016652 06/28/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5273 91.9 97.6 5600 5148 96.0 3.3 0 22 0.03-6.89 6.70 0 19 2.84 398017141 07/10/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L 2600 3240 2928 3045 90.4 96.2 96.0 3.7 0.25 0.01-6.94 6.70 0.24 3.58 398017340 08/07/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 4000 3708 3808 92.7 97.4 96.0 3.6 0.03-6.91 6.70 0.21 0.24 3.13 398017708 08/13/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 4000 3696 3760 92.4 98.3 96.0 2.5 0.17 0.03-6.85 6.70 0.15 2 24 398017709 08/27/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 4000 3540 3794 88.5 93.3 96.0 7.2 0.48 0.02-7.15 6.69 0.46 6.88 398017949 09/12/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 2600 2373 2445 91.3 97.1 96.0 0.26 6.99 6.71 0.28 3.9 0.01 4.17 398018144 09/26/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5800 5400 5461 93.1 98.9 96.0 0.14 0.03-6.82 6.72 0.10 1.49 398018145 10/08/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5800 5565 93.9 97.9 5448 96.0 1.5 6.75 0.10 0.03-6.82 0.07 1.04 398018513 11/01/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 5304 5377 94.7 98.6 96.0 0.7 0.05 0.03-6.77 6.76 0.01 0.15 398018751 11/19/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L LP3 2600 5600 5076 5264 90.6 96.4 96.0 4.6 0.31 0.03-7.01 6.73 0.28 4.16 398019014 12/09/13 PV EF75081P1 GRY 3.5 VOC 4: 3.78L L 5600 5184 5264 92.6 98.5 96.0 2.4 0.16 0.03-6.85 6.73 0.12 1.78 PV EF75081P1 ALL JOBS 113040 103554 107000 91.6 96.8 96.0 3.4 0.22 0.03-6.74 6.55 0.19 2.97

\*\*\*\*\* END OF REPORT \*\*\*\*\*

113040 103554 107000 91.6 96.8 96.0 3.4

0.22

0.03-

6 74

6.55 0.19

2 97

# Production Variance by Product CLOVERDALE PAINT INC. CLOVERDALE PAINT INC. (Chip )

Page: 1

Time: 16:02

User: bill CLOVERDALE PAINT INC. (Chip )

Locati	on: 398	Job Type:	* Job: *		=====	Product	Type: PV	Produ	ct: ef75	118p1 ======	.=====	From	Date: 01	1/01/2013 	To D	ate: 12/ =======	31/2013 =======		
Prod Job	-	PT Product	Item Description		t Mth	Default Qty	Qty	Actual Qty		Yield Plan%		Yield Std%	RMCost Var%	RMVar Unit\$	BchVar Unit\$	Act Unit\$	Std Unit\$	Var Unit\$	Var Unit%
		PV EF75118P1			LP3	1000	3880	3536	3782	91.1	93.5	96.0	4.4	0.28	0.15-	6.47	6.34	0.13	2.05
398015299	02/26/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	4500	4356	4726	96.8	92.2	96.0	7.9	0.50	0.16-	6.67	6.33	0.34	5.37
398015543	03/08/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	6000	5740	5850	95.7	98.1	96.0	0.5-	0.03-	0.15-	6.23	6.41	0.18-	2.81-
398016060	04/23/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	5700	5056	5324	88.7	95.0	96.0	6.4	0.41	0.15-	6.71	6.44	0.27	4.19
398016487	05/10/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	6000	5496	5600	91.6	98.1	96.0	4.8	0.33	0.15-	7.02	6.84	0.18	2.63
398016550	05/23/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	4000	3636	3747	90.9	97.0	96.0	4.8		0.16-	6.67	6.82	0.15-	2.20-
		PV EF75118P1		L	LP3	1000	6000	5544	5882	92.4	94.3	96.0	6.7	0.46	0.15-	7.13	6.82	0.31	4.55
		PV EF75118P1		L	LP3	1000	5800	5232	5308	90.2	98.6	96.0	4.2	0.29	0.15-	6.97	6.83	0.14	2.05
398017156	07/19/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	6000	5160	5491	86.0	94.0	96.0	9.2	0.63	0.14-	7.31	6.82	0.49	7.18
		PV EF75118P1		L	LP3	1000	6000	5640	5732	94.0	98.4	96.0	4.3	0.29	0.15-	6.96	6.82	0.14	2.05
398017915	09/24/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	6000	5916	6170	98.6	95.9	96.0	2.6	0.18	0.19-	6.83	6.84	0.01-	0.15-
398018305	10/23/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	6000	5724	5834	95.4	98.1	96.0	0.1-	0.01-	0.15-	6.70	6.86	0.16~	2.33-
		PV EF75118P1		L	LP3	1000	2740	5502	5545	200.8	99.2	96.0	14.7	1.01	0.15-	7.71	6.85	0.86	12.55
398018785	11/08/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	3300	3000	3021	90.9	99.3	96.0	3.4	0.23	0.13-	6.95	6.85	0.10	1.46
398018909	11/08/13	PV EF75118P1	SANDSTONE 4:1 EPOXY	L	LP3	1000	3300-	3000-	3021-	90.9	99.3	96.0	3.4	0.23	0.13-	6.95	6.85	0.10	1.46
		PV EF75118P1		L	LP3	1000	3300	3024	3024	91.6	100.0	96.0	2.2	0.15	0.13-	6.86	6.85	0.01	0.15
	, ,	PV EF75118P1					71920	69562	72015	96.7	96.6	96.0	4.9	0.33	0.15-	6.89	6.71	0.18	2.63
			ALL DIVIDE DAMOVING				71920	69562	72015	06 7	96.6	96.0	4.9	0.33	0.15-	6.89	6.71	0.18	2.63
			ALL PV/PW BATCHES				11920	03302	12015	20.7	20.0	20.0	4.7	0.33	0.15	0.05	0.71		05

#### Production Variance by Product CLOVERDALE PAINT INC.

Page:

Time: 15:06

Date: 01/19/2015 CLOVERDALE PAINT INC. (Chip ) User: bill \_\_\_\_\_\_

	on: 398	Job Typ	========= >: * =============	Job: *			Product	Type: PV	Produc	t: gl09	39000		From	Date: 0	1/01/2013	To D	ate: 12/	31/2013		
Prod Job	Date	PT Product	Item Desc			Prd	Default Qty		Actual Qty	RM		Yield	Yield Std%	RMCost Var%	RMVar Unit\$	BchVar Unit\$	Act Unit\$	Std Unit\$	Var Unit\$	Var Unit%
		PV GL09390				LL1	4000	4000	3916	3996		98.0		17.0-	0.49-	0.02-	2.39	2.89	0.50-	17.30-
		PV GL09390				LL1	4000	4000	3916	3996		98.0	97.0		0.01-	0.00	2.89	2.89	0.50	_,,,,,,
		PV GL09390				LL1	4000	4000	3916	3996			97.0	0.7-	0.02-		2.84	2.86	0.02-	0.70-
		PV GL09390				LL1	4000	4000	3916	3996		98.0	97.0		0.02-		2.84	2.86	0.02-	0.70-
		PV GL09390				LL1	4000	4000	4951	4993	123.8		97.0	0.3-	0.01-	0.01-	2.84	2.86	0.02-	0.70-
		PV GL09390				LL1	4000	4000	3916	3996		98.0	97.0	0.7-	0.02-		2.84	2.86	0.02-	0.70-
		PV GL09390		SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.84	2.86	0.02-	0.70-
		PV GL09390		SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.84	2.86	0.02-	0.70-
398014864	01/31/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.84	2.86	0.02-	0.70-
398014983	01/31/13	PV GL09390	00 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.84	2.86	0.02-	0.70-
398014984	02/13/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3979	3996	99.5	99.6	97.0	2.4-	0.07-		2.79	2.86	0.07-	2.45-
398015116	02/13/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3954	4028	98.9	98.2	97.0	1.0-	0.03-		2.82	2.86	0.04-	1.40-
398015117	02/13/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3992	4028	99.8	99.1	97.0	2.1-	0.06-		2.80	2.86	0.06-	2.10-
398015164	02/13/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3920	4028	98.0	97.3	97.0	0.3-	0.01-		2.85	2.86	0.01-	0.35-
398015276	02/26/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	1.4-	0.04-		2.81	2.86	0.05-	1.75-
398015277	02/26/13	PV GL09390	00 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.83	2.86	0.03-	1.05-
398015342	02/27/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.83	2.86	0.03-	1.05-
398015378	03/15/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.83	2.85	0.02-	0.70-
398015379	03/15/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3917	3997	97.9	98.0	97.0	0.7-	0.02-		2.83	2.85	0.02-	0.70-
398015512	03/20/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3918	3998	98.0	98.0	97.0	0.7-	0.02-		2.83	2.85	0.02-	0.70-
398015524	03/20/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3918	3998		98.0	97.0	0.7-	0.02-		2.83	2.85	0.02-	0.70-
398015525	04/03/13	PV GL09390	0 SUPER GLOS	SS BIN 3.7	8 L	LL1	4000	4000	3954	3997	98.9	98.9	97.0	1.7-	0.05-		2.83	2.87	0.04-	1.39-
		PV GL09390				LL1	4000	4000	3918	3997		98.0	97.0	0.7-	0.02-		2.85	2.87	0.02-	0.70-
		PV GL09390				LL1	4000	4000	3918	3997		98.0	97.0	0.7-	0.02-		2.85	2.87	0.02-	0.70-
		PV GL09390				LL1	4000	4000	3918	3998		98.0	97.0	0.7-	0.02-		2.88	2.90	0.02-	0.69-
		PV GL09390				LL1	4000	4000	3918	3998		98.0	97.0	0.7-	0.02-		2.88	2.90	0.02-	0.69-
		PV GL09390				LL1	4000	4000	3951	3998		98.8	97.0	1.7-	0.05-		2.86	2.90	0.04-	1.38-
		PV GL09390				LL1	4000	4000	3951	3998			97.0	1.7-	0.05-		2.86	2.90	0.04-	1.38-
		PV GL09390				LL1	4000	4000	3932	4028		97.6	97.0	0.7-	0.02-		2.88	2.90	0.02-	0.69-
	• •	PV GL09390				LL1	4000	4000	3966	3998		99.2	97.0	2.1-	0.06-		2.85	2.90	0.05-	1.72-
		PV GL09390				LL1	4000	4000	3966	3998		99.2	97.0	2.1-	0.06-		2.85	2.90	0.05-	1.72-
		PV GL09390		-		LL1	4000	4000-	3966-	3998-		99.2	97.0	2.1-	0.06-		2.85	2.90	0.05-	1.72-
	• •	PV GL09390				LL1	4000	4000	3966	3998		99.2	97.0	4.1-	0.12-		2.78	2.90	0.12-	4.14- 1.72-
		PV GL09390				LL1	4000	4000	3964	3998		99.2	97.0	1.7-	0.05-		2.85	2.90	0.05-	
		PV GL09390				LL1	4000	4000	3957	3998		99.0	97.0	1.7-	0.05-		2.85	2.90	0.05- 0.01-	1.72-
		PV GL09390				LL1	4000	4000	3918	4028	98.0		97.0	0.3- 1.7-	0.01- 0.05-		2.90	2.91	0.01-	0.34- 1.72-
		PV GL09390				LL1	4000	4000	3975	4028		98.7	97.0		0.05-		2.86	2.91 2.91		2.06-
		PV GL09390				LL1	4000	4000	3992	4028	99.8		97.0	2.1- 2.1-	0.06-		2.85 2.85	2.91	0.06-	2.06-
		PV GL09390				LL1	4000	4000	3992	4028		99.1	97.0	1.7-	0.05-		2.86	2.91	0.06-	1.72-
		PV GL09390				LL1	4000 4000	4000 4000	3961 3975	3999 3999	99.0	99.1 99.4	97.0 97.0	2.1-	0.05-		2.85	2.91	0.05- 0.06-	2.06-
		PV GL09390				LL1		4000	3975 3965	3999 3996			97.0	2.1-	0.06-		2.85	2.91	0.06-	2.06-
		PV GL09390				LL1 LL1	4000 4000	4000	3965 3958	3996 3996	99.1	99.2	97.0	1.7-	0.05-		2.85	2.91	0.06-	1.72-
	· · · · · · · · · · · · · · · · · · ·	PV GL093900				LL1	4000	4000	3958 3958	3996 4011		99.1	97.0	1.7-	0.03-		2.88	2.91	0.05-	1.72-
		PV GL093900 PV GL093900				LL1	4000	4000	3958 3992	4011		98.7 99.1	97.0	2.1-	0.03-		2.88	2.91	0.03-	2.06-
			0 SUPER GLOS			LL1	4000	4000	3992	4028			97.0		0.06-		2.85	2.91	0.06-	2.06-
37001//13	UZ/3U/13	- A GT022301	OULER GLOS	O DIM 3.76		ד עני	4000	±000	3734	7020	22.0	JJ.1	21.0	2.1-	0.00		2.03	4.91	0.00-	2.00-

User: bill

Production Variance by Product CLOVERDALE PAINT INC.

Page:

Time: 15:06

CLOVERDALE PAINT INC. (Chip )

Location: 398 Job Type: \* Job: \* Product Type: PV Product: gl0939000 From Date: 01/01/2013 To Date: 12/31/2013

	Date				Default	Planned	Actual	RM	Yield	Yield	Yield	RMCost	RMVar	BchVar	Act	Std	Var	Var
Prod Job	-	PT Product	Item Description	Unit Mth	~ - 2	Qty	Qty	Qty	Plan%	RM%	Std%	Var%	Unit\$	Unit\$	Unit\$	Unit\$	Unit\$	Unit%
		PV GL0939000	SUPER GLOSS BIN 3.78			4000	3965	3996	99.1	99.2	97.0	2.1-	0.06-		2.86	2.91	0.05-	1.72-
398017993	10/04/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3972	3996	99.3	99.4	97.0	2.1-	0.06-		2.85	2.91	0.06-	2.06-
398017994	10/04/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3958	3996	99.0	99.1	97.0	1.7-	0.05-		2.86	2.91	0.05-	1.72-
398017995	10/04/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.89	2.91	0.02-	0.69-
398018274	10/04/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3916	3996	97.9	98.0	97.0	0.7-	0.02-		2.89	2.91	0.02-	0.69-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3950	3998	98.8	98.8	97.0	1.7-	0.05-		2.87	2.91	0.04-	1.37-
398018276	10/17/13	PV GL0939000	SUPER GLOSS BIN 3.78		4000	4000	3950	3998	98.8	98.8	97.0	1.4-	0.04-		2.87	2.91	0.04-	1.37-
398018388	10/17/13	PV GL0939000	SUPER GLOSS BIN 3.78		4000	4000	3954	3999	98.9	98.9	97.0	1.7-	0.05-		2.87	2.91	0.04-	1.37-
398018389	10/31/13	PV GL0939000	SUPER GLOSS BIN 3.78		4000	4000	3946	4000	98.7	98.7	97.0	1.4-	0.04-		2.83	2.87	0.04-	1.39-
398018446	10/31/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3912	4000	97.8	97.8	97.0	0.7-	0.02-		2.86	2.87	0.01-	0.35-
398018447	10/31/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	4000	4000	100.0	100.0	97.0	2.8-	0.08-		2.79	2.87	0.08-	2.79-
398018977	11/14/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	180	180	180	100.0	100.0	97.0	2.8-	0.08-	0.51	3.30	2.87	0.43	14.98
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3904	4000	97.6	97.6	97.0	0.3-	0.01-		2.86	2.87	0.01-	0.35-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3950	3997	98.8	98.8	97.0	1.4-	0.04-		2.83	2.87	0.04-	1.39-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4000	3956	3999	98.9	98.9	97.0	1.7-	0.05-		2.82	2.87	0.05-	1.74-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3952	3999	98.8	98.8	97.0	1.7-	0.05-		2.83	2.87	0.04-	1.39-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4000	3950	3999	98.8	98.8	97.0	1.4-	0.04-		2.83	2.87	0.04-	1.39-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3950	3999	98.8	98.8	97.0	1.4-	0.04-		2.83	2.87	0.04~	1.39-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000~	3952-	3999-	98.8	98.8	97.0	1.7-	0.05-		2.83	2.87	0.04-	1.39~
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000-	3950-	3999-	98.8	98.8	97.0	1.4-	0.04-		2.83	2.87	0.04-	1.39-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000-	3950-	3999-	98.8	98.8	97.0	1.4-	0.04-		2.83	2.87	0.04-	1.39-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4000	3952	3999	98.8	98.8	97.0	1.7-	0.05-		2.82	2.87	0.05~	1.74-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3950	3999	98.8	98.8	97.0	3.8-	0.11-		2.76	2.87	0.11-	3.83-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3950	3999	98.8	98.8	97.0	3.8-	0.11-		2.76	2.87	0.11-	3.83-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000-	3956-	3999-	98.9	98.9	97.0	1.7-	0.05-		2.82	2.87	0.05-	1.74-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4000	3956	4000	98.9	98.9	97.0	11.1-	0.32-	0.01-	2.55	2.87	0.32-	11.15-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4096	4050	4124	98.9	98.2	97.0	1.0-	0.03-		2.84	2.87	0.03-	1.05-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4096	4086	4095	99.8	99.8	97.0	2.4-	0.07-		2.80	2.87	0.07-	2.44-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4096	4014	4095	98.0	98.0	97.0	0.7-	0.02-		2.85	2.87	0.02-	0.70-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4096	4014	4095	98.0	98.0	97.0	0.7-	0.02-		2.85	2.87	0.02-	0.70-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4096	4014	4094	98.0	98.1	97.0	0.7-	0.02-		2.85	2.87	0.02-	0.70-
		PV GL0939000	SUPER GLOSS BIN 3.78		4000	4096	4000	4095	97.7	97.7	97.0	0.3-	0.01-		2.86	2.87	0.01-	0.35-
		PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4096	4025	4094	98.3	98.3	97.0	1.0-	0.03-		2.84	2.87	0.03-	1.05-
398019218 1	12/19/13	PV GL0939000	SUPER GLOSS BIN 3.78	L LL1	4000	4096	4065	4095	99.3	99.3	97.0	2.1-	0.06-		2.81	2.87	0.06-	2.09-
	1	PV GL0939000	ALL JOBS			276944	273997	278122	98.9	98.5	97.0	1.7-	0.05-	0.00	2.83	2.88	0.05-	1.71-
			ALL PV/PW BATCHES			276944	273997	278122	98.9	98.5	97.0	1.7-	0.05-	0.00	2.83	2.88	0.05-	1.71-

Production Variance by Product
CLOVERDALE PAINT INC.

Page:

Time: 15:08

User: bill CLOVERDALE PAINT INC. (Chip )

Locati	on: 398	Job Type:	* Job: *		Product	Type: PV	Produ	ct: sp01	174t0 =====	:=====	From	Date: 0	1/01/2013 =======	To D	ate: 12/	31/2013 =======	=======	======
Prod Job	Date Compl.	PT Product	Item Description	Prd Unit Mth		Planned Qty	Actual Qty		Yield Plan%		Yield Std%	RMCost Var%	RMVar Unit\$	BchVar Unit\$	Act Unit\$	Std Unit\$	Var Unit\$	Var Unit%
398014707	01/03/13	PV SP01174T0	MEDIUM EN/URE/S 3.78	L LR1	600	899	899	900	100.0	99.9	98.0	1.4-	0.03-	0.02-	2.07	2.12	0.05-	2.36-
			MEDIUM EN/URE/S 3.78		600	800	800	801	100.0	99.9	98.0	1.4-	0.03-	0.01-	2.17	2.21	0.04-	1.81-
			MEDIUM EN/URE/S 3.78		600	1796	1796	1798	100.0	99.9	98.0	1.4-	0.03-	0.04-	2.14	2.21	0.07-	3.17-
			MEDIUM EN/URE/S 3.78		600	800	800	801	100.0	99.9	98.0	1.4-	0.03-	0.01-	2.17	2.21	0.04-	1.81-
			MEDIUM EN/URE/S 3.78		600	2208	2208	2210	100.0	99.9	98.0	1.4-	0.03-	0.04-	2.14	2.21	0.07-	3.17-
			MEDIUM EN/URE/S 3.78		600	778	778	779	100.0	99.9	98.0	1.4-	0.03~	0.01-	2.07	2.10	0.03-	1.43-
			MEDIUM EN/URE/S 3.78		600	800	800	801	100.0	99.9	98.0	1.4-	0.03-	0.01-	2.06	2.09	0.03-	1.44-
			MEDIUM EN/URE/S 3.78		600	2117	2117	2119	100.0	99.9	98.0	1.0-	0.02-	0.04-	1.99	2.06	0.07-	3.40-
			MEDIUM EN/URE/S 3.78		600	2117	2117	2119	100.0	99.9	98.0	1.4-	0.03-	0.04-	2.04	2.11	0.07-	3.32-
	,,	PV SP01174T0				12315	12314	12328	100.0	99.9	98.0	1.3-	0.03-	0.03-	2.09	2.15	0.06-	2.77-
															<b>-</b>			
			ALL PV/PW BATCHES			12315	12314	12328	100.0	99.9	98.0	1.3-	0.03-	0.03-	2.09	2.15	0.06-	2.77-

Program: prd0121. Ver: 1.0 Production Variance by Product Page: 1
Date: 01/19/2015 CLOVERDALE PAINT INC. Page: 15:08

User: bill CLOVERDALE PAINT INC. (Chip )

Location: 398 Job Type:	* Job: *		Product	Type: PV	Produc	t: sp056	86t0		From	Date: 0	1/01/2013	To D	ate: 12/	31/2013		
Date		Prd	Default	Planned	Actual	RM	Yield	Yield	Yield	RMCost	RMVar	BchVar	Act	Std	Var	Var
Prod Job Compl. PT Product	Item Description	Unit Mth	Qty	Qty	Qty	Qty	Plan%	RM%	Std%	Var%	Unit\$	Unit\$	Unit\$	Unit\$	Unit\$	Unit%
398015678 03/14/13 PV SP05686T0	TOTE TANK CLEAN 3L	L LR1	400	945	945	945	100.0	100.0	98.0	1.3-	0.03-	0.05-	2.32	2.39	0.07-	2.93-
398016522 05/22/13 PV SP05686T0	TOTE TANK CLEAN 3L	L LR1	400	945	945	945	100.0	100.0	98.0	1.2-	0.03-	0.05-	2.51	2.59	0.08-	3.09-
398017354 08/07/13 PV SP05686T0	TOTE TANK CLEAN 3L	L LR1	400	945	945	945	100.0	100.0	98.0	1.2-	0.03-	0.05-	2.44	2.52	0.08-	3.17-
398018011 09/24/13 PV SP05686T0	TOTE TANK CLEAN 3L	L LR1	400	945	945	945	100.0	100.0	98.0	1.2-	0.03-	0.05-	2.44	2.52	0.08-	3.17-
398018611 11/08/13 PV SP05686T0	TOTE TANK CLEAN 3L	L LR1	400	945	945	946	100.0	99.9	98.0	1.2-	0.03-	0.05-	2.44	2.52	0.08-	3.17-
398019118 12/16/13 PV SP05686T0	TOTE TANK CLEAN 3L	L LR1	400	945	945	947	100.0	99.8	98.0	1.1-	0.03-	0.05-	2.55	2.62	- 0.07-	2.67-
PV SP05686T0	ALL JOBS			5670	5670	5673	100.0	99.9	98.0	1.2-	0.03~	0.05-	2.45	2.53	0.08-	3.03-
	ALL PV/PW BATCHES			5670	5670	5673	100.0	99.9	98.0	1.2-	0.03-	0.05-	2.45	2.53	0.08-	3.03-