

To: Distribution

From: B. G. Aftergut (Co-op Engineer)

Subject: 1990 Monthly Residual VCM Data Summary

DAILY AVERAGE VALUES							MONTHLY TOTAL VALUES					
MONTH	PVC Produced (A) LBS	RVCM (B) PPM	RDL (C) PPM	Average Emissions At (B+C) LBS	Monthly Average Range	Monthly Standard Deviation	PVC Produced (D) LBS	YTD Percent	RVCM (E) LBS	RDL (F) LBS	Total Emissions (E+F) LBS	YTD Percent
Jan-90	1269089	133.68	2.05	171.76	34.09	37.84	39341771	25.4%	5244.2	80.5	5324.7	26.6%
Feb-90	1281505	116.40	2.10	152.18	25.04	24.87	35882143	23.2%	4185.5	75.5	4261.0	21.3%
Mar-90	1294333	124.57	2.23	165.08	34.37	37.96	40124329	25.9%	5028.0	89.5	5117.6	25.6%
Apr-90	1315974	130.95	2.16	176.15	47.29	48.26	39479225	25.5%	5199.2	85.4	5284.6	26.4%
May-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Jun-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Jul-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Aug-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Sep-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Oct-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Nov-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Dec-90	0	0.00	0.00	0.00	0.00	0.00	0	0.0%	0.0	0.0	0.0	0.0%
Y.T.D.	1290225	126.40	2.14	166.29	35.20	37.23	154827468		19657.0	330.9	19987.9	

cc. RWS, JME, FGJ, DFJ, MRK, DSC, RBN, DCS, Eng.

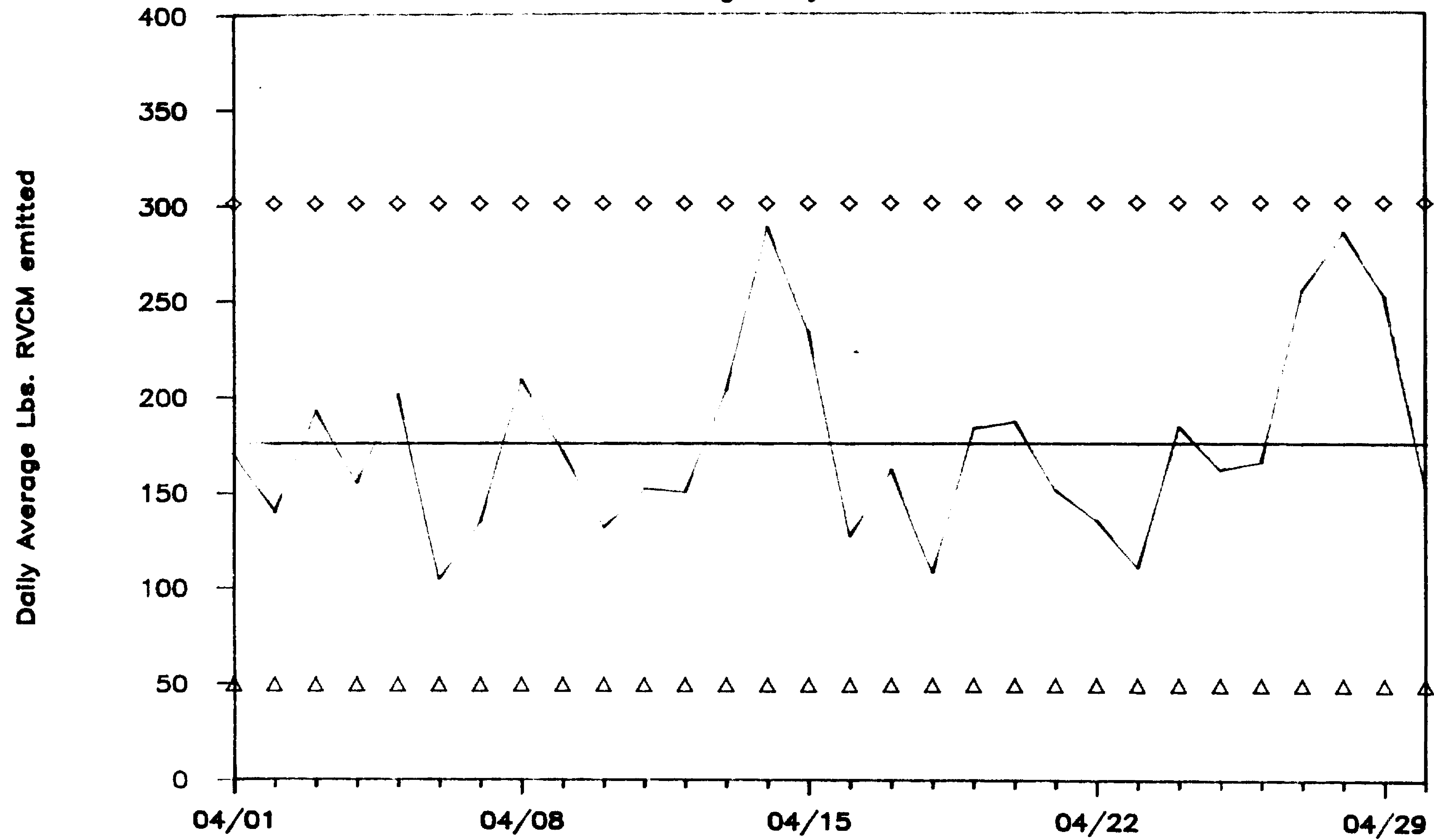
JDO - JWS
Ding idea why
RVCM drifting up
(if significant) with
Feb. the best
116 → 124 → 131

few
We've discussed this a
bunch, looked at a lot of
things. Our best theory is
that the resin morphology
changes, tending to retain
VCM, as the reactors
run harder & hotter. That
explains increases as summer
approaches. We've increased
stripping 5 minutes & have
seen the numbers improve
back to the ± 110 range.
JDO

VAB.0001167566

April

Average Daily Residual VCM



— Daily average ◇ Upper control limit
△ Lower control limit

To _____

From _____

Calculation Sheet

VISTA₁

Apr - 65 → 1.85
145 → 19.54
115 → 15.24
8 → 13.55

Feb 125 → 1.68
145 → 19.54
115 → 15.24
8 → 13.55
15 → 13.11

Low → 209 → 15.5%
→ 3319 84.5
3319
3716

Low → 618 → 17.6%
28.83 → 8.23
35.11

Made By _____

Date _____

Page _____ of _____

Job No. _____

Title _____