Monsanto

FROM (NAME & LOCATION) W. R. Richard - T3A

DATE : July 26, 1973

SUBJECT :

REFERENCE :

CC: H. S. Bergen - B2SL
TLGossage/CPaton - B2SL
J. R. Savage - B2SL
JLWikoff/RDavis - B2SL

TO : D. R. Cova - T3C

Dow, Jerry Clark, wants to know about the possibility of getting a 50/50 2-chlorobiphenyl/4-chlorobiphenyl stream with, say, 1% and 2% max. dichlorobiphenyl. This is not to interrupt the present specification and order on monochlorobiphenyl.

An educated guess on composition of the product is needed by Thursday noon, 7/26/73. Please confer with me.

Thanks,

WR

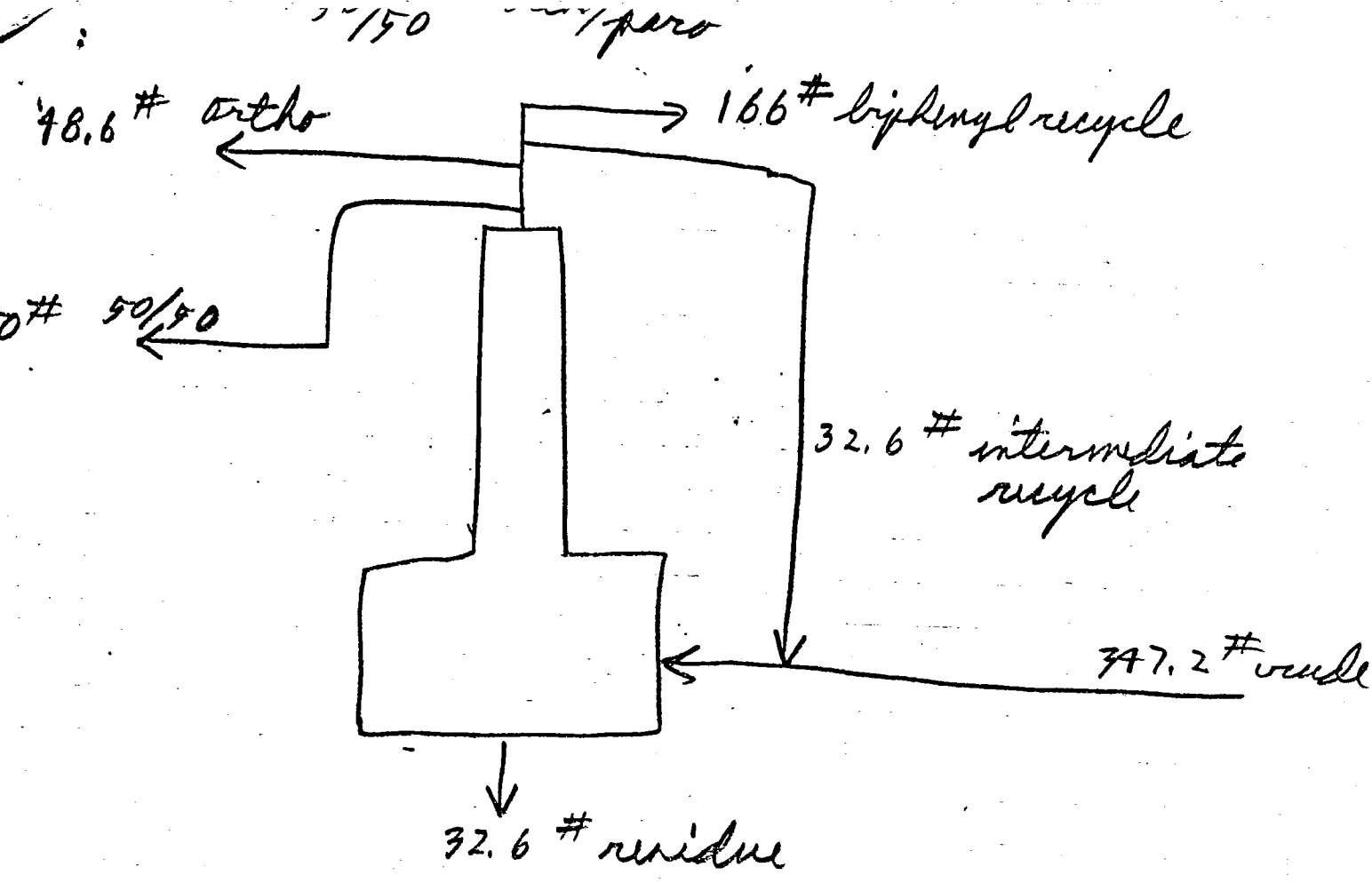
W. R. Richard

/is

DSW 297559

IN-10 REV. 11-65

STLCOPCB4067470



Composition of 50/50 product

ortho	43.9%		44
meta	8.2%		9.2
para	44.5%		44
2,6	.24%	2.9% total dichlors	2,4
2,2'	2.42%		
2,4	.21%		
other dichlors	.03%		

with 90 # of product, 42.6 # residue, 58.6 # ortho.

DSW 297560

158971

Calcn of 50/50 o/p monochlor for Rows

	7+8+9+10+11	+12	+92g of 6	-12	-24g of 6
o	22.6	19.2	43.9	49.0	44.1
n	12.8	11.8	8.2	8.4	9.2
p	61.1	64.7	44.5	39.8	43.8
6#	.19	.35	.24	.12	.13
2'	3.25	3.54	2.42	2.10	2.3
4	0	.30	.21	0	0
s	0	.04	.03	0	0
	3.44	4.23	2.9	2.22	2.4
otal	167.	197.	289.	259.	235.
of g.	16.6	19.6	28.8	25.8	23.4

9.4% residue

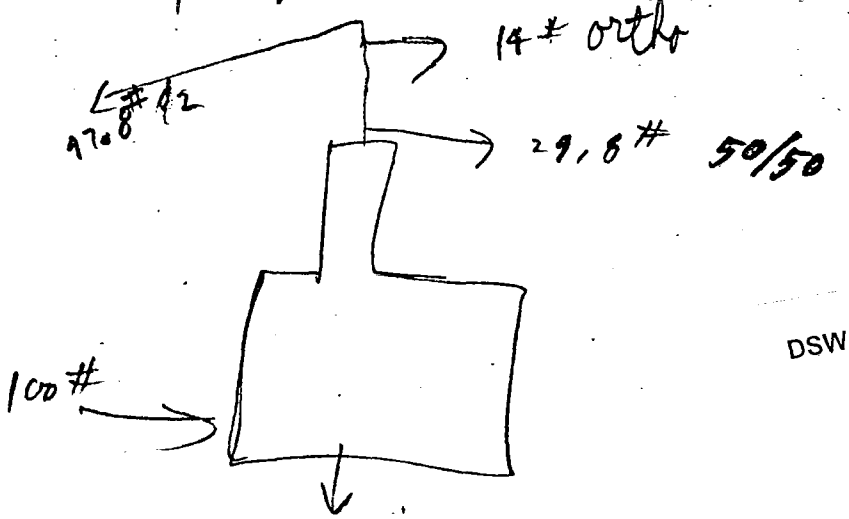
12.4% residue

Use this one

tal ortho in charge = 269.1 g.

ortho in 50/50 = − 126.9 g

ortho left for ortho cut = $\frac{142.2g}{1004}$ = 14.2 % of chg.



DSW 297561

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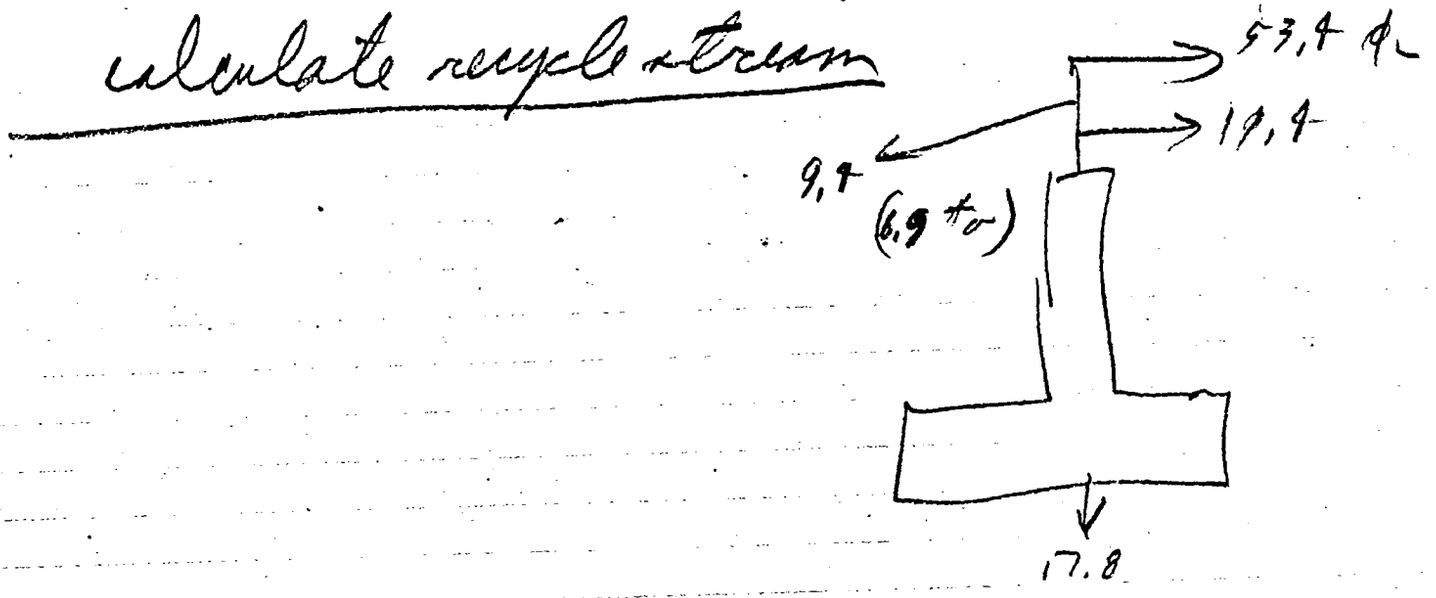
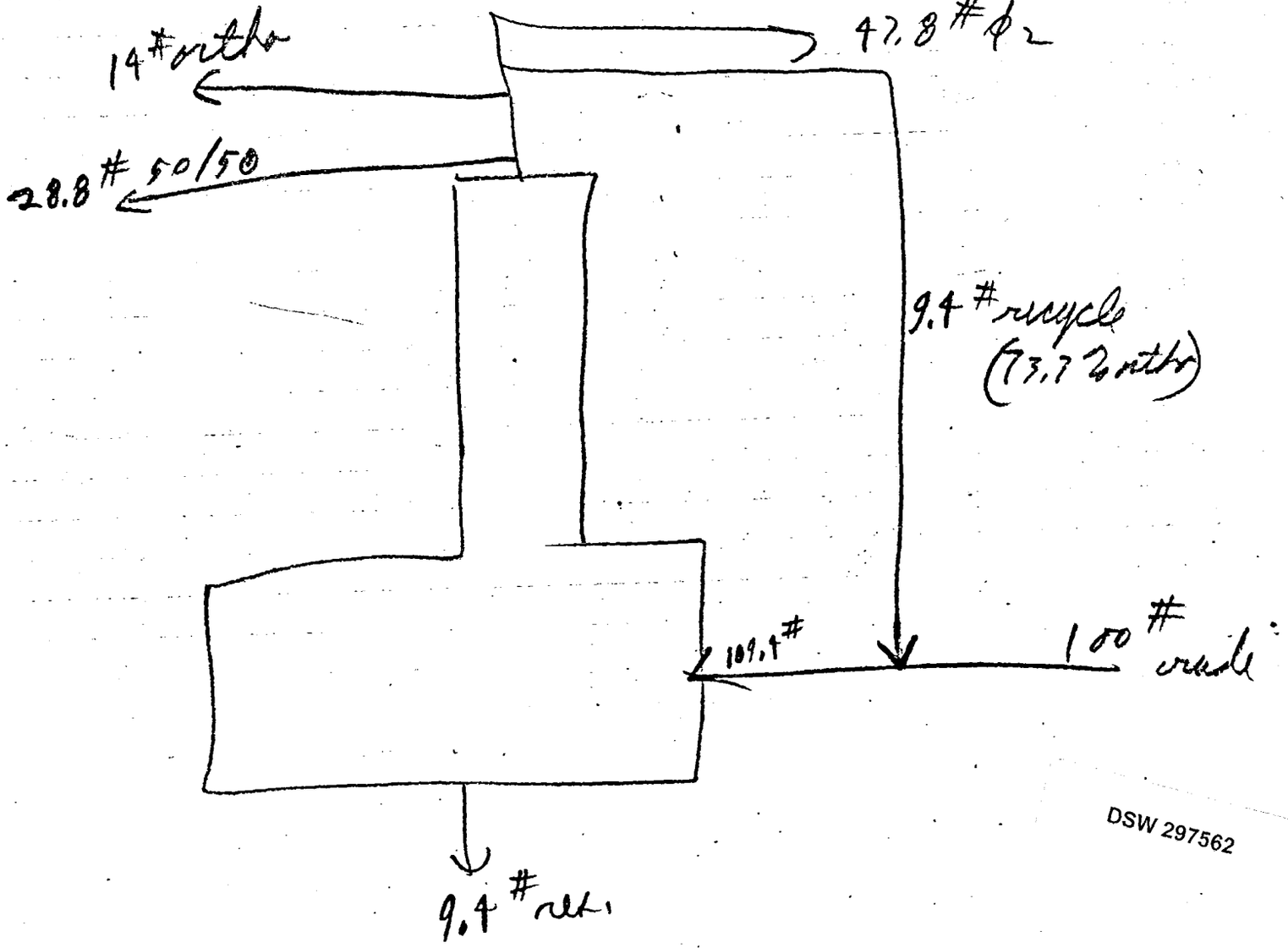
calculate recycle stream





DSW 297562

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