

Film 01   Film 02   Film 03   Film 04   Film 05

Binary 01   Binary 02   Binary 03   Binary 04   Binary 05

% Removal 15 cm Zone	53.6	69.7	55.2	90.7	60.4
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Y   Y   Y   Y   Y

Site: DE2018 Low Set1

% Removal 10 cm Zone	69.2	93.6	75.7	98.0	72.3
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Y   Y   Y   Y   Y

Coating: Fe

NTCHS Technical Standard	%
Maximum Paint Loss on a Majority of Films from a Contiguous 15 cm Zone within the upper 30 cm	60.4
Meets NTCHS Technical Std?	YES

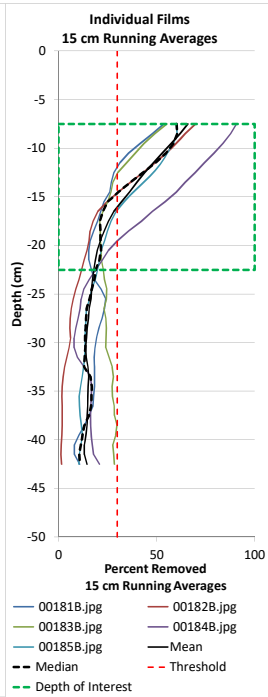
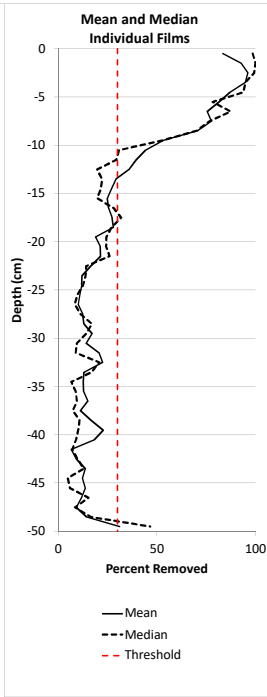
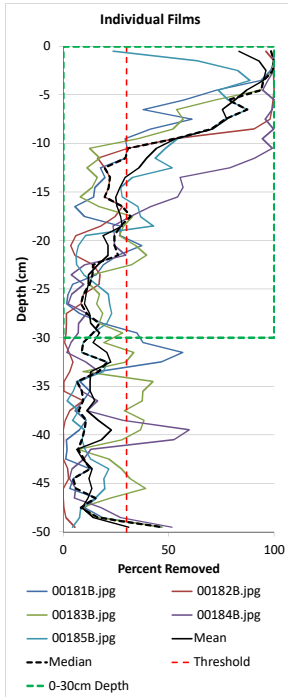
Castenson and Rabenhorst, 2006	%
Maximum Paint Loss on a Majority of Films from a Contiguous 10 cm Zone within the upper 30 cm	75.7
Meets C&R Minimum?	YES
Definitely Reducing	



Supporting Data

DE2018 Low Set1

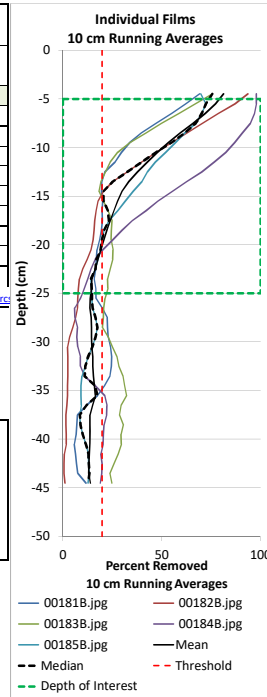
Fe



Maximum Removal from contiguous 15 cm zone		
Film	15cm RA Max	Exceeds Threshold
		30
<b>0-30 cm</b>		
00181B.jpg	53.6	1
00182B.jpg	69.7	1
00183B.jpg	55.2	1
00184B.jpg	90.7	1
00185B.jpg	60.4	1
Assessment	Sum/5	5
<b>Meets NTCHS TS</b>		<b>YES</b>

[https://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrc](https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrc)

Removal from contiguous 15 cm zone	
0-50 cm	
00181B.jpg	53.6
00182B.jpg	69.7
00183B.jpg	55.2
00184B.jpg	90.7
00185B.jpg	60.4

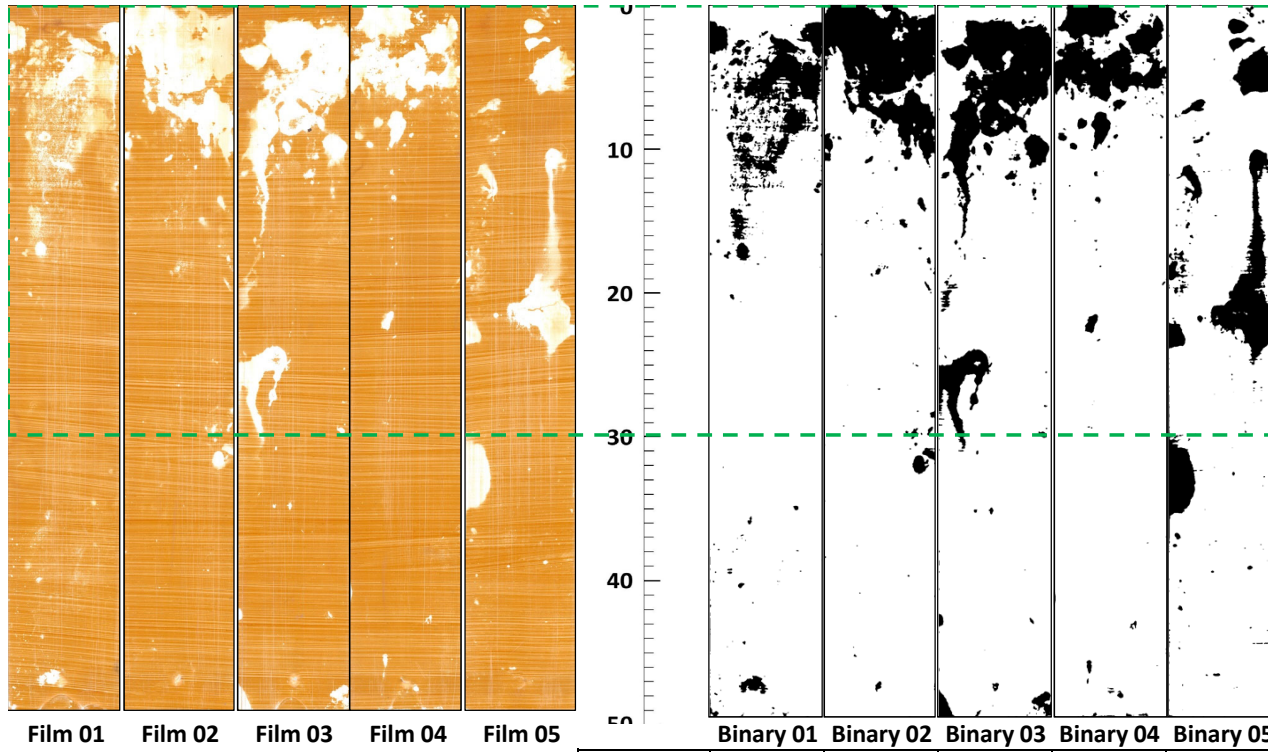


Maximum Removal from contiguous 10 cm zone		
Film	10cm RA Max	Exceeds Threshold
		20
<b>0-30 cm</b>		
00181B.jpg	69.2	1
00182B.jpg	93.6	1
00183B.jpg	75.7	1
00184B.jpg	98.0	1
00185B.jpg	72.3	1
Assessment	Sum/5	5
<b>Meets C&amp;R Thresh</b>		<b>YES</b>
<b>C&amp;R Assessment</b>		<b>Definitely Reducing</b>

<https://dl.sciencesocieties.org/publications/sh/abstracts/49/3/74?access=0&view=article>

Removal from contiguous 10 cm zone	
0-50 cm	
00181B.jpg	69.2
00182B.jpg	93.6
00183B.jpg	75.7
00184B.jpg	98.0
00185B.jpg	72.3





	Binary 01	Binary 02	Binary 03	Binary 04	Binary 05
% Removal 15 cm Zone	30.6	45.5	44.3	30.0	24.3

Y Y Y Y

% Removal 10 cm Zone	40.4	65.6	61.5	44.6	29.6
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Y Y Y Y Y

Site: WV2018 Mid Set1

Coating: Fe

NTCHS Technical Standard	%
Maximum Paint Loss on a Majority of Films from a Contiguous 15 cm Zone within the upper 30 cm	30.6
Meets NTCHS Technical Std?	YES

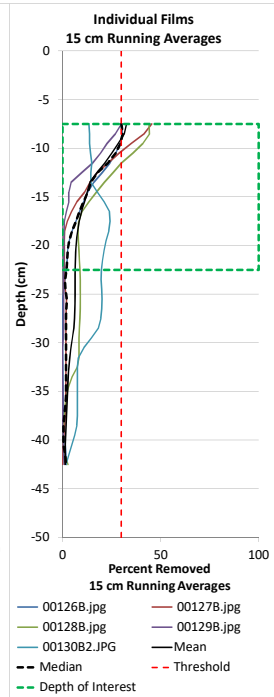
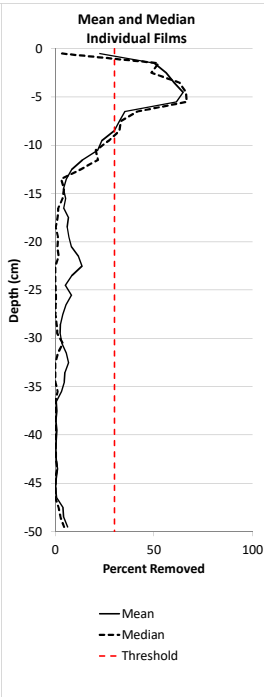
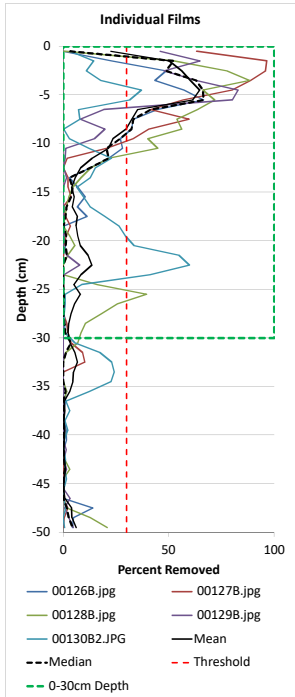
Castenson and Rabenhorst, 2006	%
Maximum Paint Loss on a Majority of Films from a Contiguous 10 cm Zone within the upper 30 cm	44.6
Meets C&R Minimum?	YES
Definitely Reducing	



Supporting Data

WV2018 Mid Set1

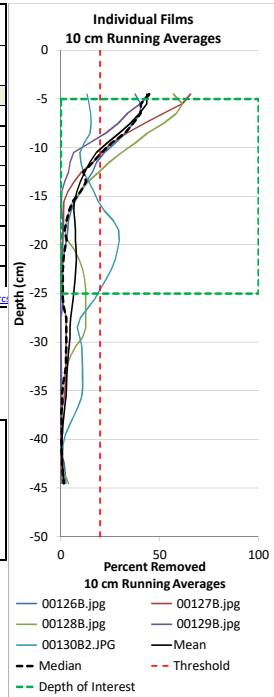
Fe



Maximum Removal from contiguous 15 cm zone		
Film	15cm RA Max	Exceeds Threshold
<b>0-30 cm</b>		
00126B.jpg	30.6	1
00127B.jpg	45.5	1
00128B.jpg	44.3	1
00129B.jpg	30.0	1
00130B2.JPG	24.3	
Assessment	Sum/5	4
<b>Meets NTCHS TS</b>		<b>YES</b>

[https://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrc](https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrc)

Removal from contiguous 15 cm zone	
0-50 cm	
00126B.jpg	30.6
00127B.jpg	45.5
00128B.jpg	44.3
00129B.jpg	30.0
00130B2.JPG	24.3

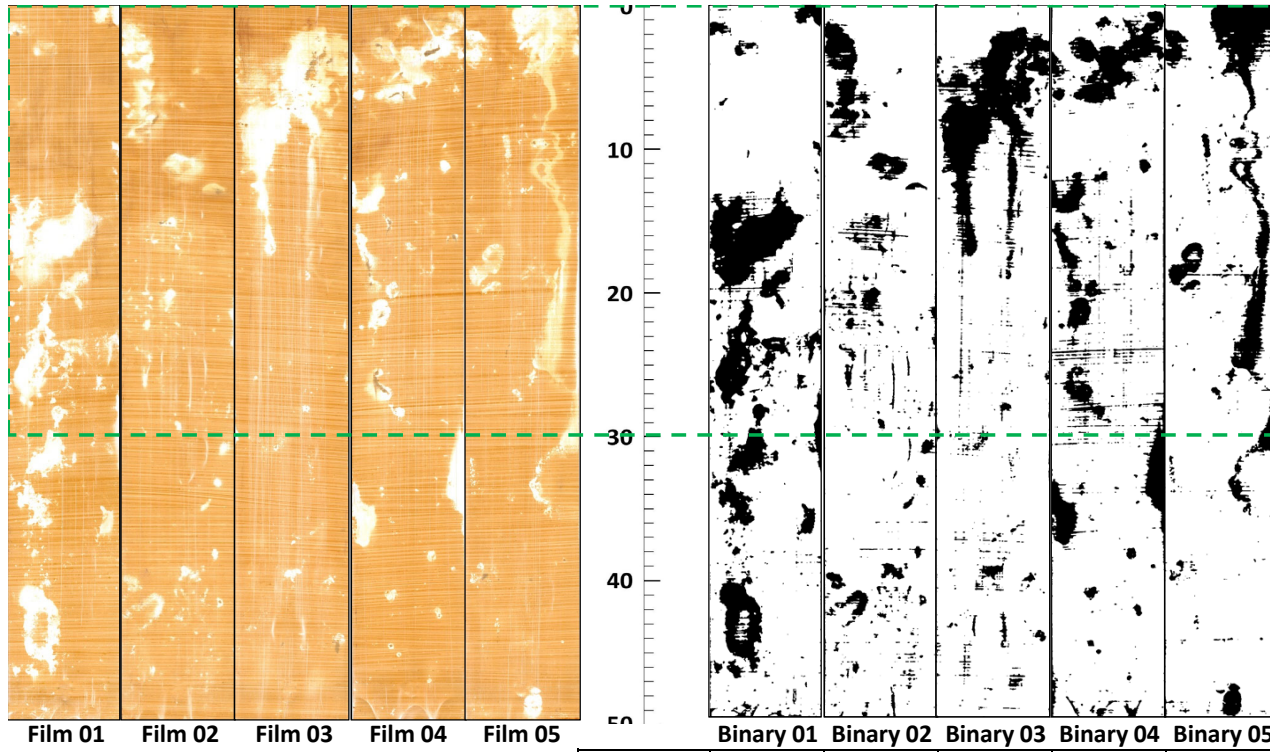


Maximum Removal from contiguous 10 cm zone		
Film	10cm RA Max	Exceeds Threshold
<b>0-30 cm</b>		
00126B.jpg	40.4	1
00127B.jpg	65.6	1
00128B.jpg	61.5	1
00129B.jpg	44.6	1
00130B2.JPG	29.6	
Assessment	Sum/5	5
<b>Meets C&amp;R Thresh</b>		<b>YES</b>
<b>C&amp;R Assessment</b>	<b>Definitely Reducing</b>	

<https://dl.sciencesocieties.org/publications/sh/abstracts/49/3/74?access=0&view=article>

Removal from contiguous 10 cm zone	
0-50 cm	
00126B.jpg	40.4
00127B.jpg	65.6
00128B.jpg	61.5
00129B.jpg	44.6
00130B2.JPG	29.6





	Film 01	Film 02	Film 03	Film 04	Film 05	Binary 01	Binary 02	Binary 03	Binary 04	Binary 05
% Removal 15 cm Zone						39.6	15.4	42.1	24.7	23.7

Site: PA2018 High Set1

Coating: Fe

% Removal 10 cm Zone	43.3	18.1	53.8	28.2	29.5
	Y		Y	Y	Y

NTCHS Technical Standard	%
Maximum Paint Loss on a Majority of Films from a Contiguous 15 cm Zone within the upper 30 cm	24.7
Meets NTCHS Technical Std?	NO

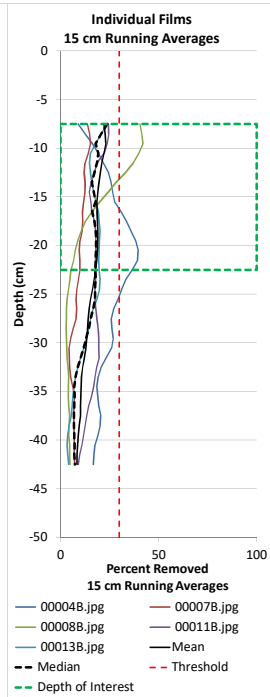
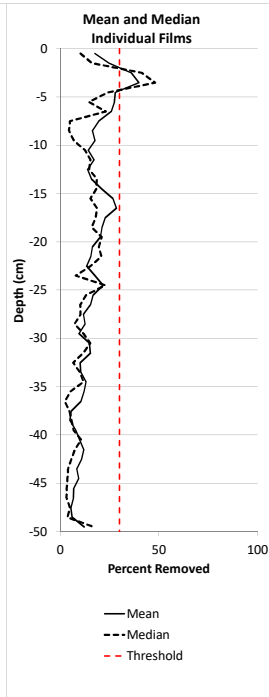
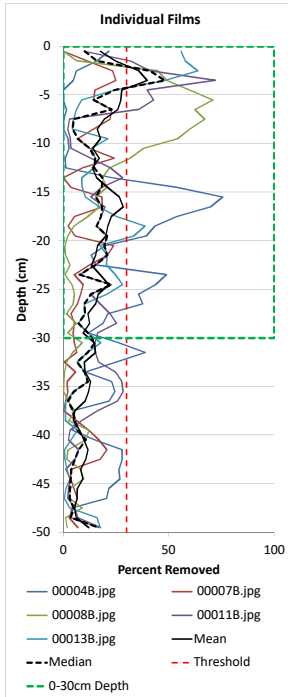
Castenson and Rabenhorst, 2006	%
Maximum Paint Loss on a Majority of Films from a Contiguous 10 cm Zone within the upper 30 cm	29.5
Meets C&R Minimum?	YES
Definitely Reducing	



Supporting Data

PA2018 High Set1

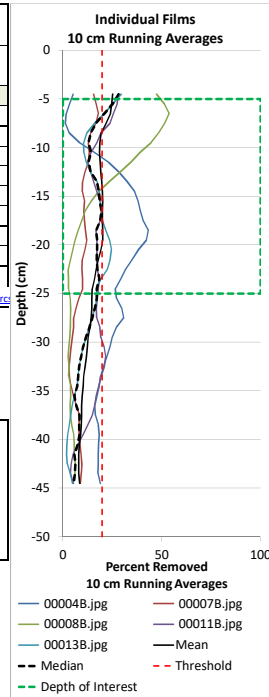
Fe



Maximum Removal from contiguous 15 cm zone		
Film	15cm RA Max	Exceeds Threshold
		30
<b>0-30 cm</b>		
00004B.jpg	39.6	1
00007B.jpg	15.4	
00008B.jpg	42.1	1
00011B.jpg	24.7	
00013B.jpg	23.7	
Assessment	Sum/5	2
<b>Meets NTCHS TS</b>		<b>NO</b>

[https://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrc](https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrc)

Removal from contiguous 15 cm zone	
0-50 cm	
00004B.jpg	39.6
00007B.jpg	15.4
00008B.jpg	42.1
00011B.jpg	24.7
00013B.jpg	23.7

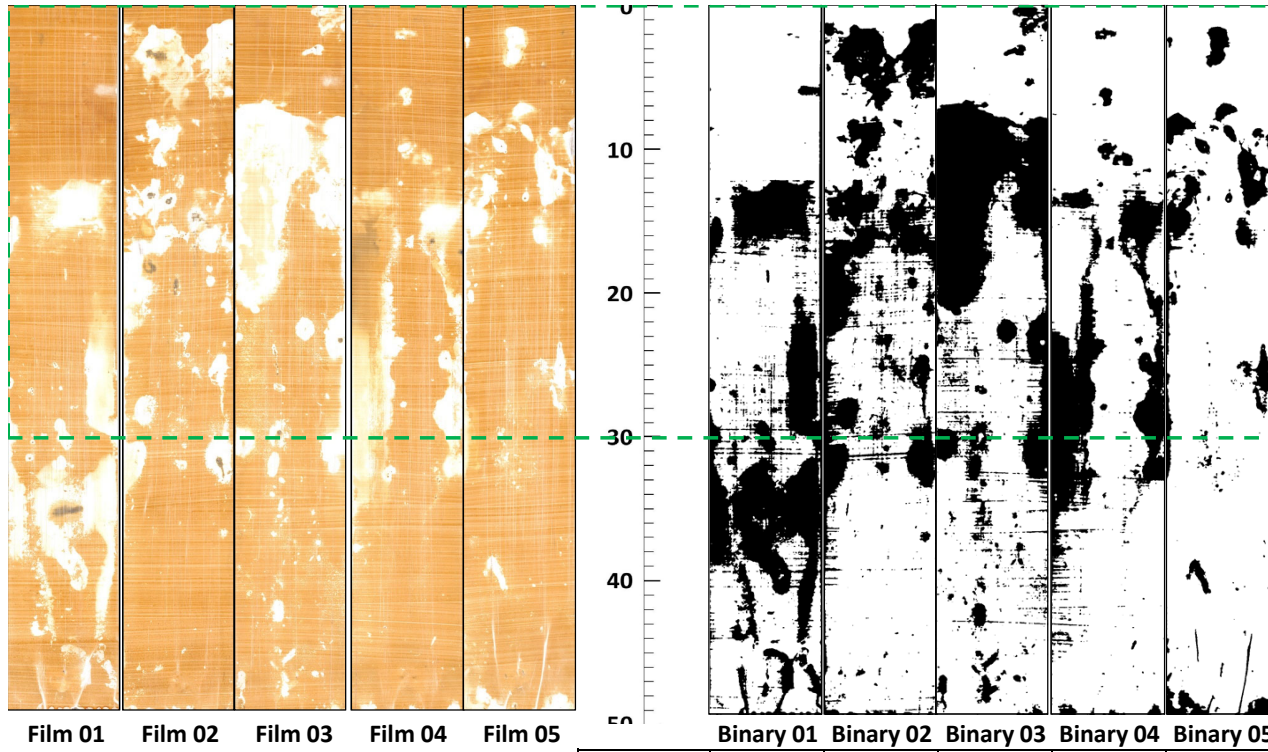


Maximum Removal from contiguous 10 cm zone		
Film	10cm RA Max	Exceeds Threshold
		20
<b>0-30 cm</b>		
00004B.jpg	43.3	1
00007B.jpg	18.1	
00008B.jpg	53.8	1
00011B.jpg	28.2	1
00013B.jpg	29.5	1
Assessment	Sum/5	4
<b>Meets C&amp;R Thresh</b>		<b>YES</b>
<b>C&amp;R Assessment</b>		<b>Definitely Reducing</b>

<https://dl.sciencesocieties.org/publications/sh/abstracts/49/3/74?access=0&view=article>

Removal from contiguous 10 cm zone	
0-50 cm	
00004B.jpg	43.3
00007B.jpg	18.1
00008B.jpg	53.8
00011B.jpg	28.2
00013B.jpg	29.5





Film 01 Film 02 Film 03 Film 04 Film 05 Binary 01 Binary 02 Binary 03 Binary 04 Binary 05

% Removal 15 cm Zone	35.5	46.0	68.6	38.0	22.0
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Y Y Y Y

Site: PA2018 High Set2

Coating: Fe

% Removal 10 cm Zone	37.1	53.4	82.6	44.1	29.3
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Y Y Y Y Y

NTCHS Technical Standard		%
Maximum Paint Loss on a Majority of Films from a Contiguous 15 cm Zone within the upper 30 cm		38.0
Meets NTCHS Technical Std?		YES

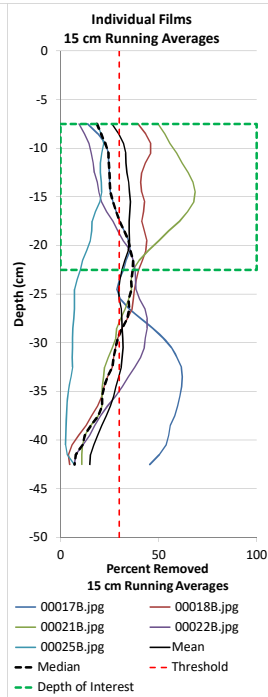
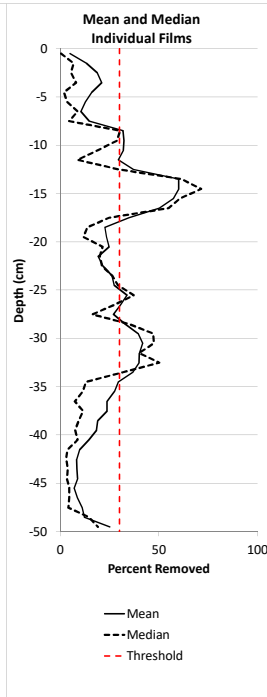
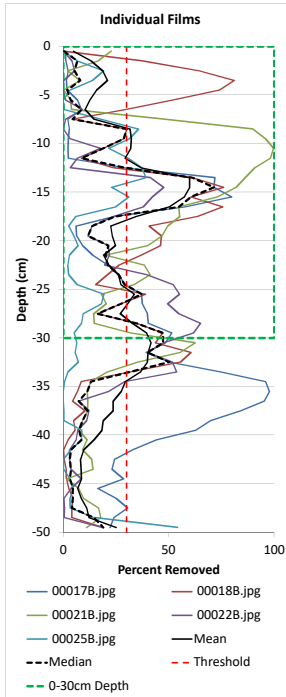
Castenson and Rabenhorst, 2006		%
Maximum Paint Loss on a Majority of Films from a Contiguous 10 cm Zone within the upper 30 cm		44.1
Meets C&R Minimum?		YES
Definitely Reducing		



Supporting Data

PA2018 High Set2

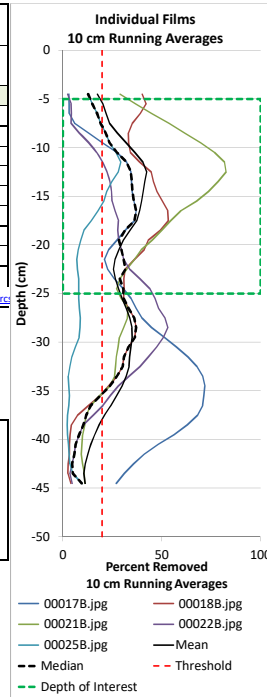
Fe



Maximum Removal from contiguous 15 cm zone		
Film	15cm RA Max	Exceeds Threshold
		30
<b>0-30 cm</b>		
00017B.jpg	35.5	1
00018B.jpg	46.0	1
00021B.jpg	68.6	1
00022B.jpg	38.0	1
00025B.jpg	22.0	
Assessment	Sum/5	4
<b>Meets NTCHS TS</b>		<b>YES</b>

[https://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrc](https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrc)

Removal from contiguous 15 cm zone	
Film	15cm RA Max
<b>0-50 cm</b>	
00017B.jpg	62.1
00018B.jpg	46.0
00021B.jpg	68.6
00022B.jpg	44.2
00025B.jpg	22.0



Maximum Removal from contiguous 10 cm zone		
Film	10cm RA Max	Exceeds Threshold
		20
<b>0-30 cm</b>		
00017B.jpg	37.1	1
00018B.jpg	53.4	1
00021B.jpg	82.6	1
00022B.jpg	44.1	1
00025B.jpg	29.3	1
Assessment	Sum/5	5
<b>Meets C&amp;R Thresh</b>		<b>YES</b>
<b>C&amp;R Assessment</b>		<b>Definitely Reducing</b>

<https://dl.sciencesocieties.org/publications/sh/abstracts/49/3/74?access=0&view=article>

Removal from contiguous 10 cm zone	
Film	10cm RA Max
<b>0-50 cm</b>	
00017B.jpg	71.9
00018B.jpg	53.4
00021B.jpg	82.6
00022B.jpg	53.1
00025B.jpg	29.3

