

March 28/2018

to

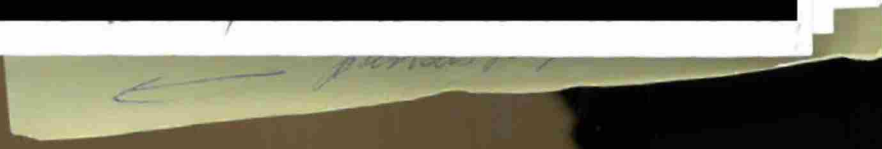
April 23/2019

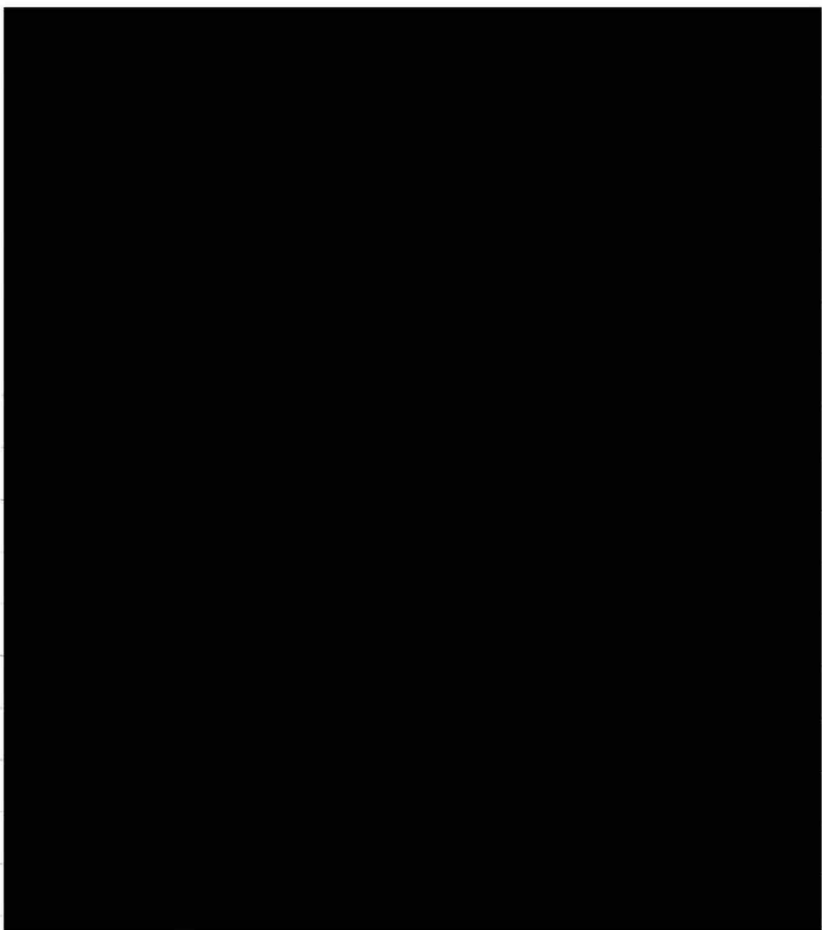
✓ Wednesday, March 28/18



13) Hamilton HR

est.





✓ Thursday, April 12/18



✓ 3) Hamilton



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✓ Friday, April 13/18

20 HAMILTON HR 20 HAMILTON SPEC

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✓ ✓ Wednesday, April 18/18
1) Hamilton - meeting with
Graeme, Vireny, Michael
and John - it will go to
PRC



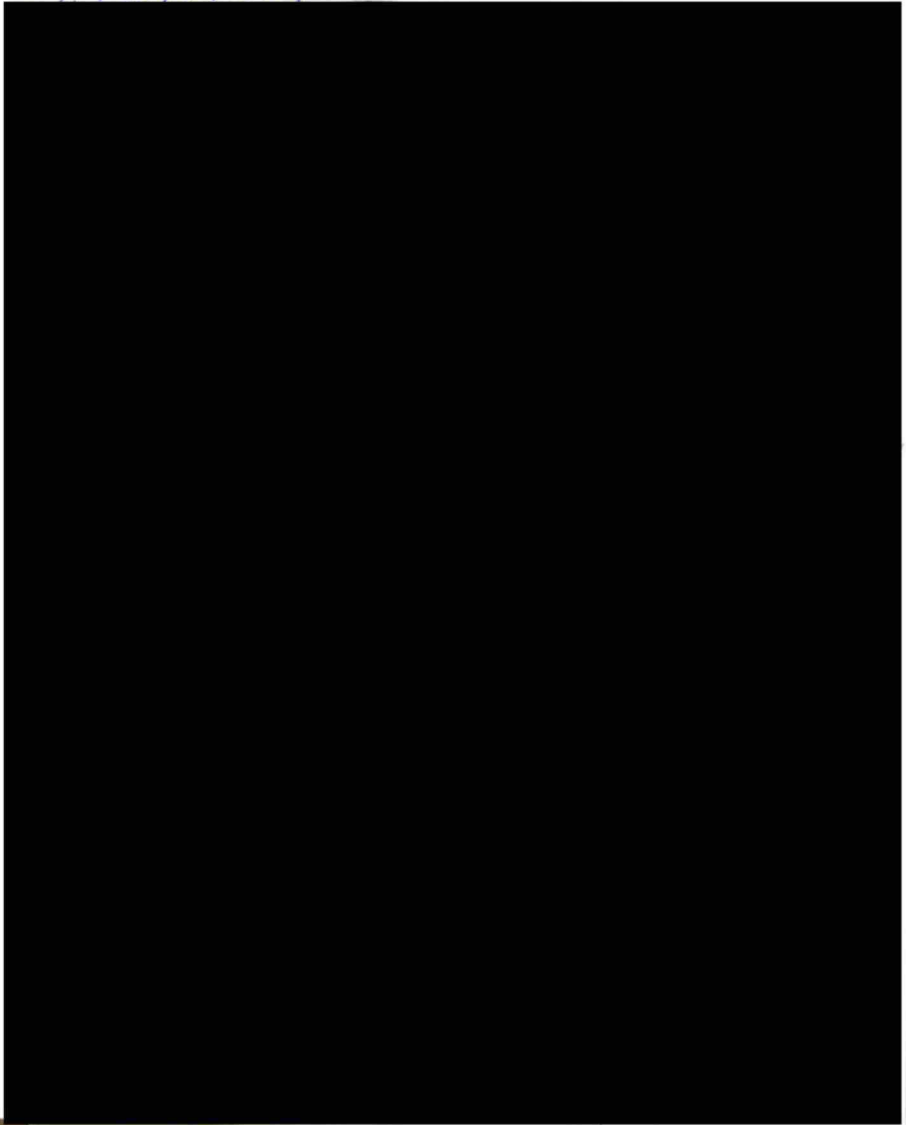
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Thursday, April 26/18



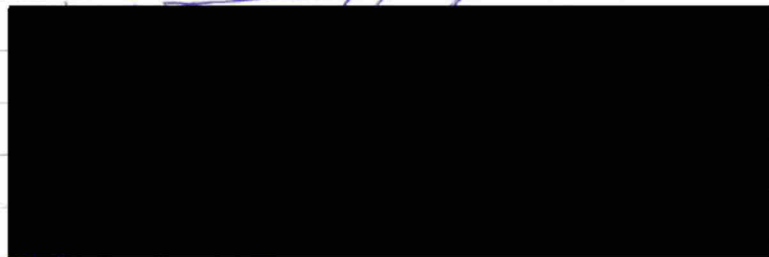
✓ St. Katerin



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✓ Friday, April 27/18

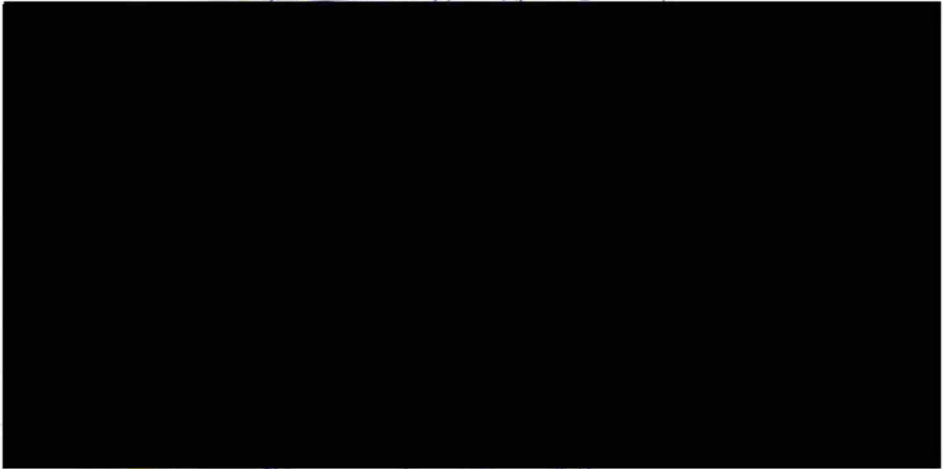


✓ 6) Hamilton
7)





Monday, April 30/18



City of Hamilton

↓

Monday, May 14/18

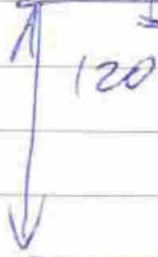
Meeting with the City of Hamilton
- HIR/our RHVP

- sampling
- Rock - funding
- expeditions
- sampling - soon
- decide ASAP
- Pamela & Heather Bell for MTD
(& fiber in the mix)
2 projects for HIR in 2019
- not SMA but SPT.5FCZ
- proposal
 - sampling method
 - hybrid mix, VMA & other aspects
- this fall - get on the roster
 - Whitty lab
- sampling - core through under

Mike is back on 22nd.

- Gary - shot is outstanding
 - breakdown for Mike
 - PSV report - inconclusive
 - MSCR
 - HIR
 - poor condition - blasting no

SMA 40



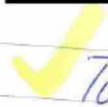
SP 19 limestone

RBM 80

Wednesday, May 16/18

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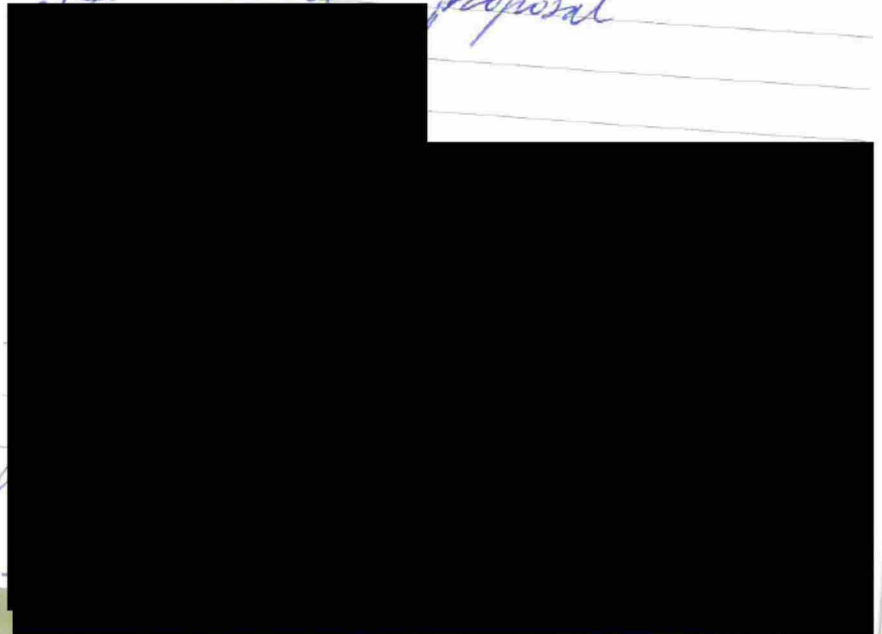
6) Gray Moore
10/ Hamilton proposal



Tuesday, May 29/18



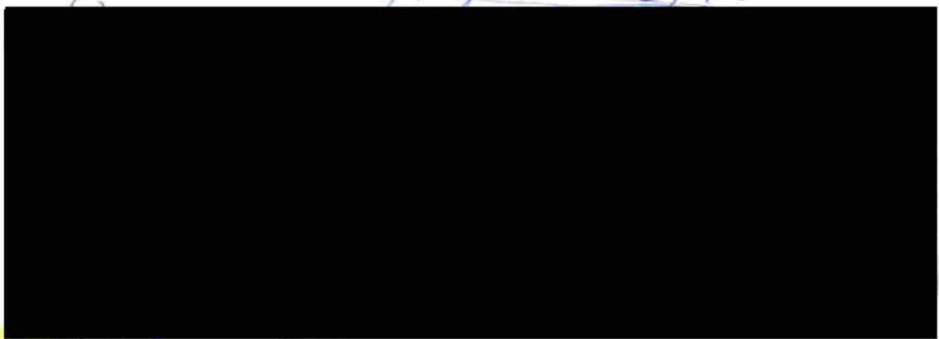
St. Hamilton - proposal



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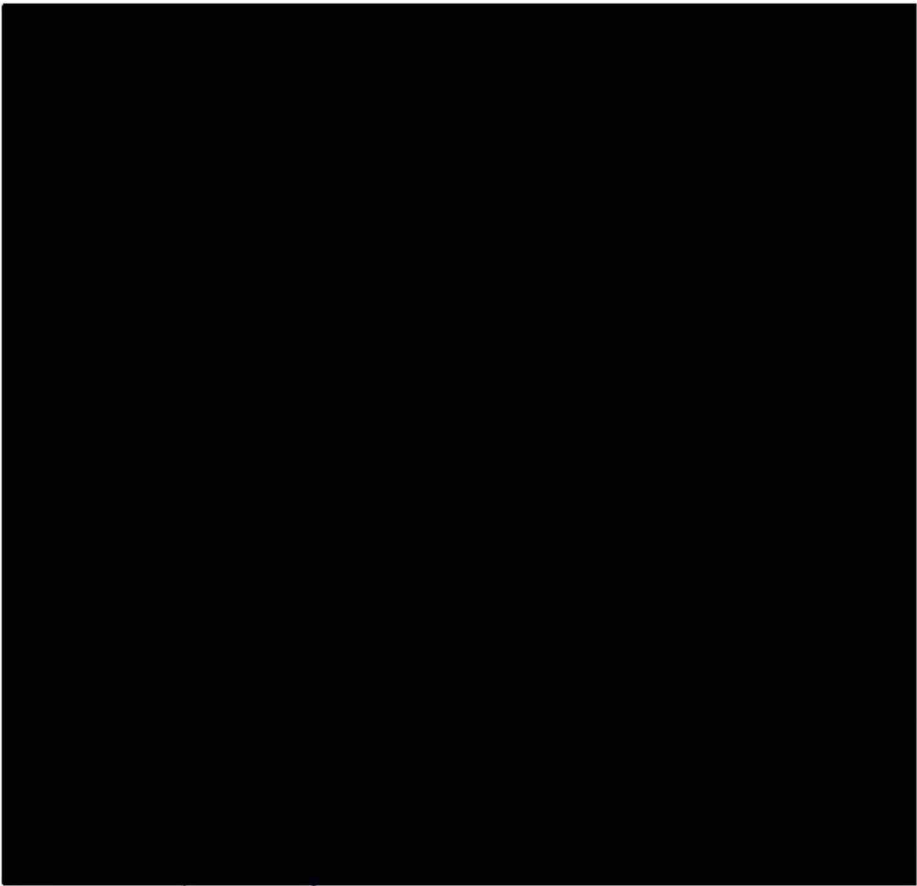
Tuesday, June 12/18



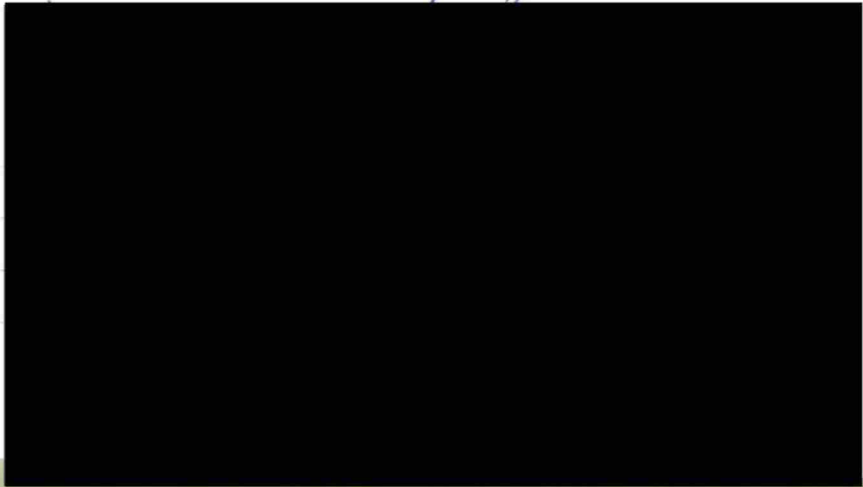
7/ Hamilton



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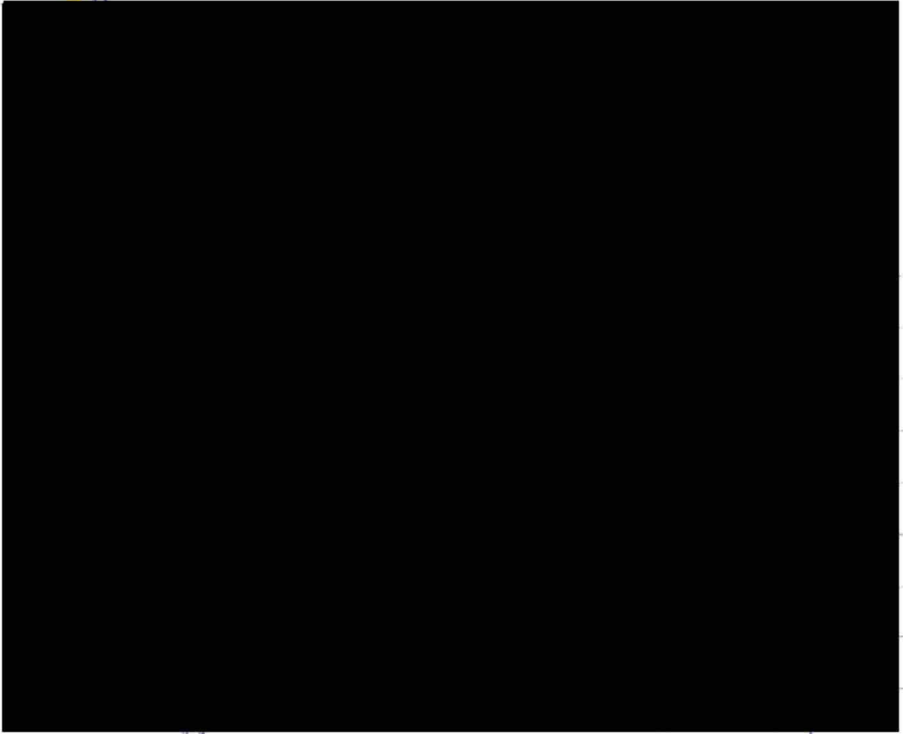
Thursday, June 14/18



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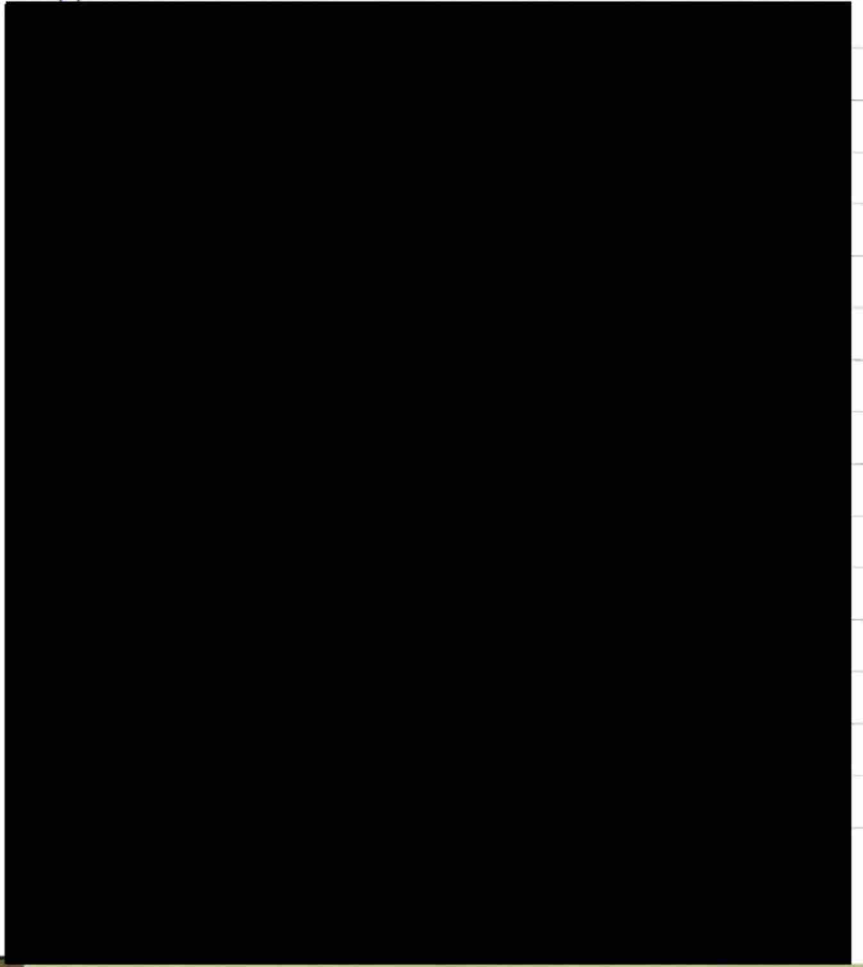
11. Hamilton



✓ Thursday, June 21/18



✓ 7) Hamilton

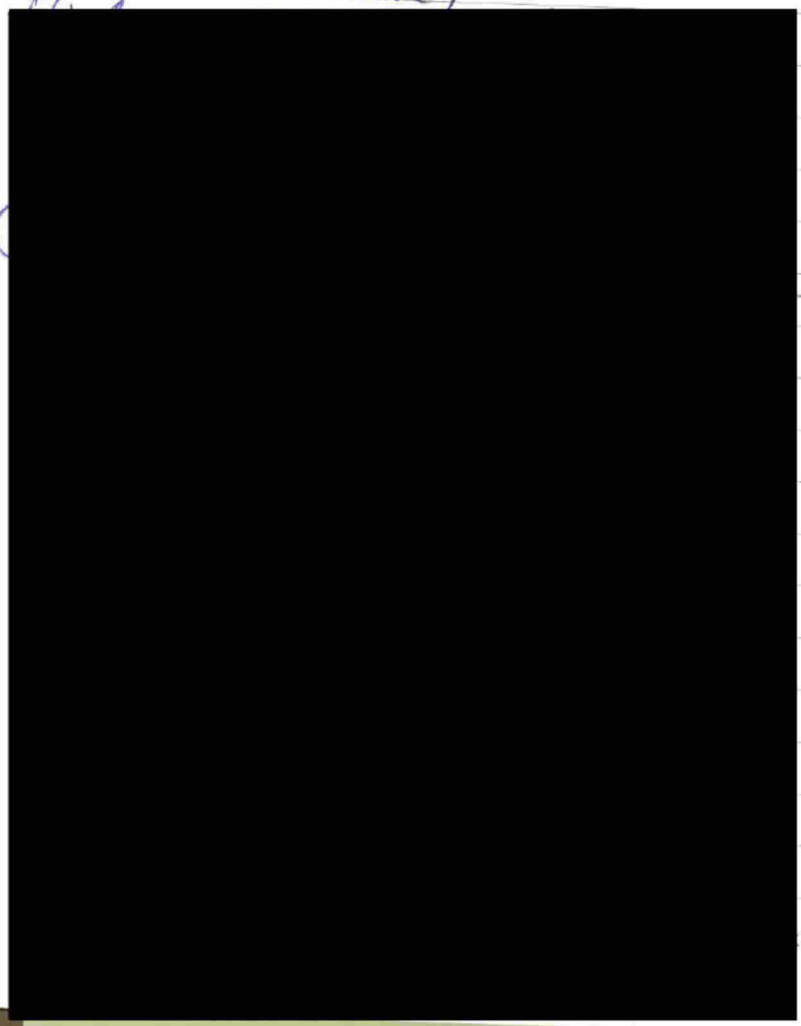


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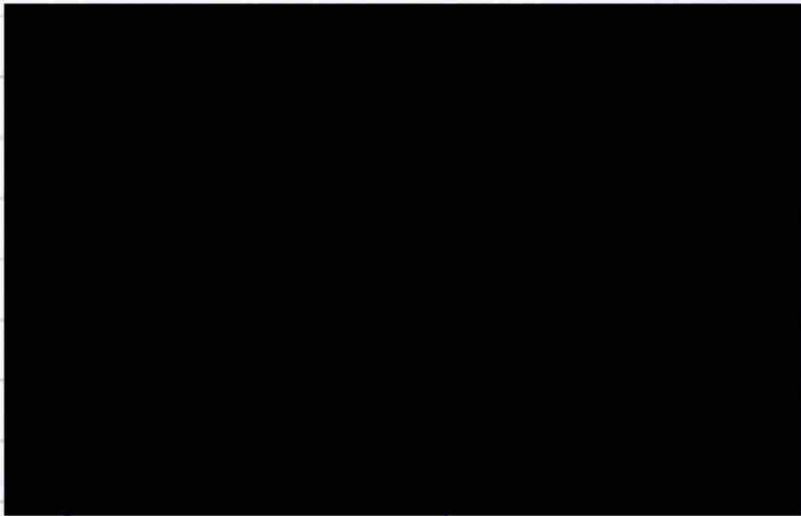
Tuesday, June 26/18



to Hamilton HR,



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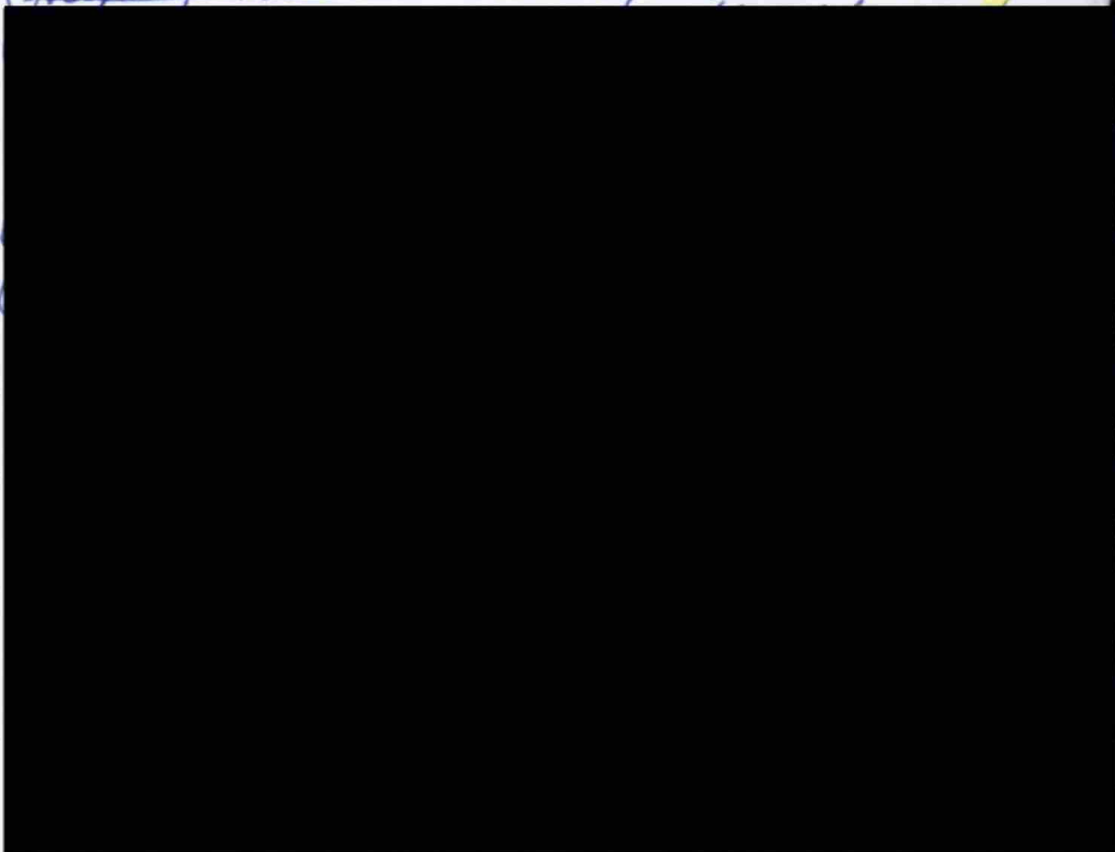
(2) City of Hamilton - Mike Bedke

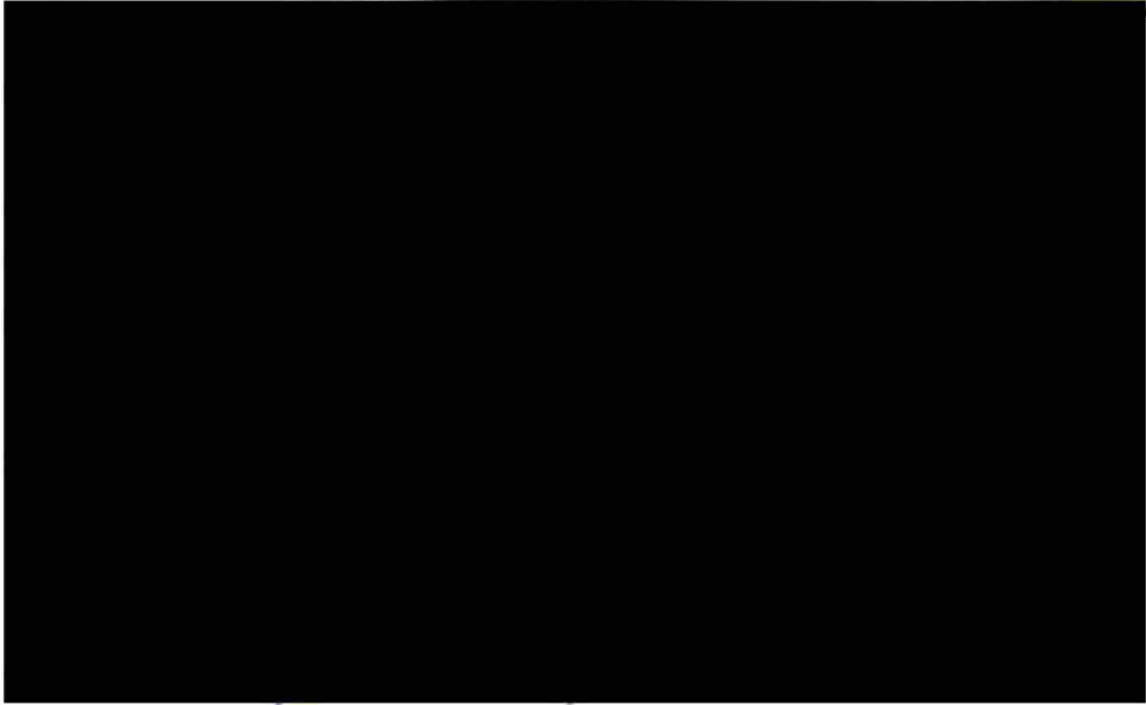
✓

✓

(3) ~~Region of Peel~~ Gary Moore

✓

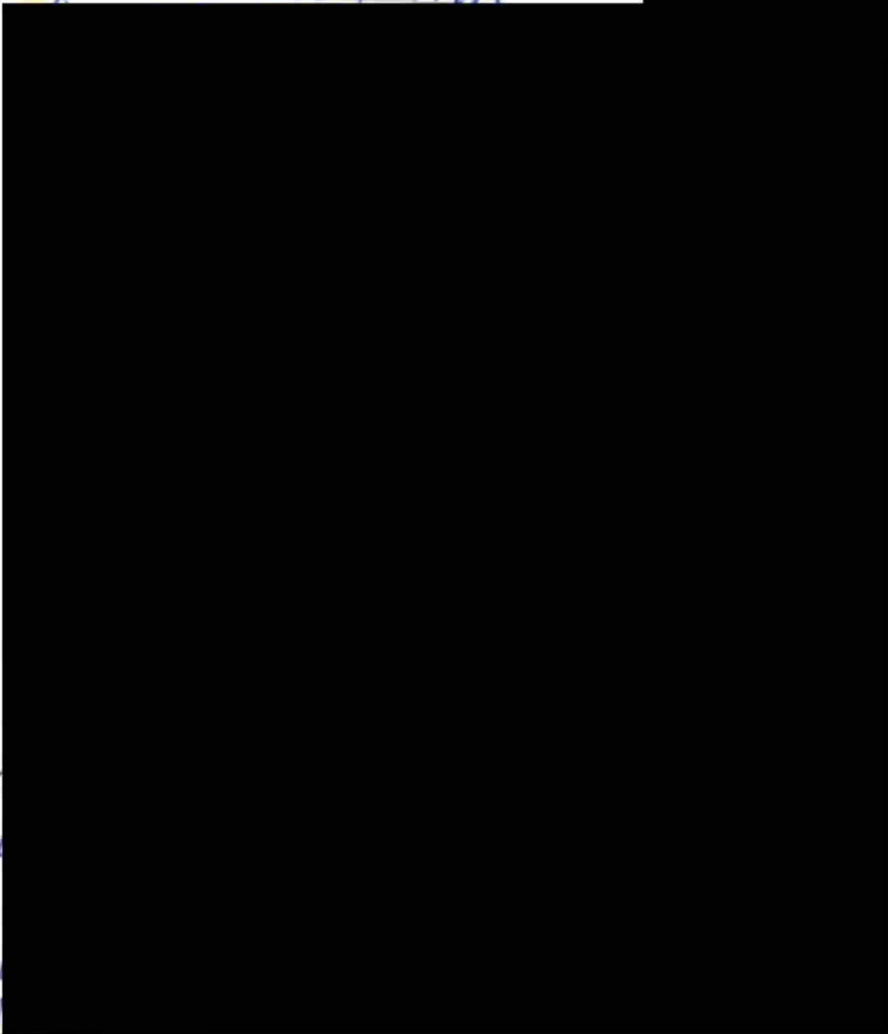


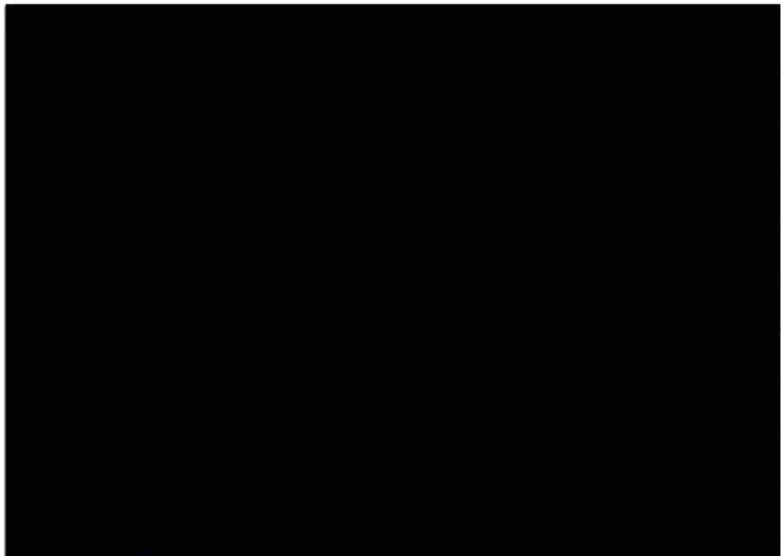


Wednesday, June 27/18

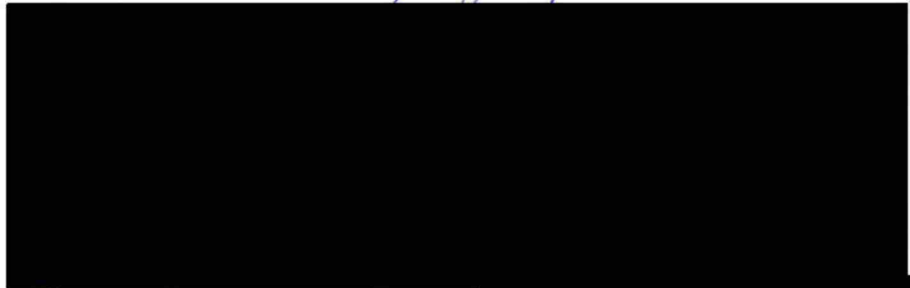


b) Hamilton HIR

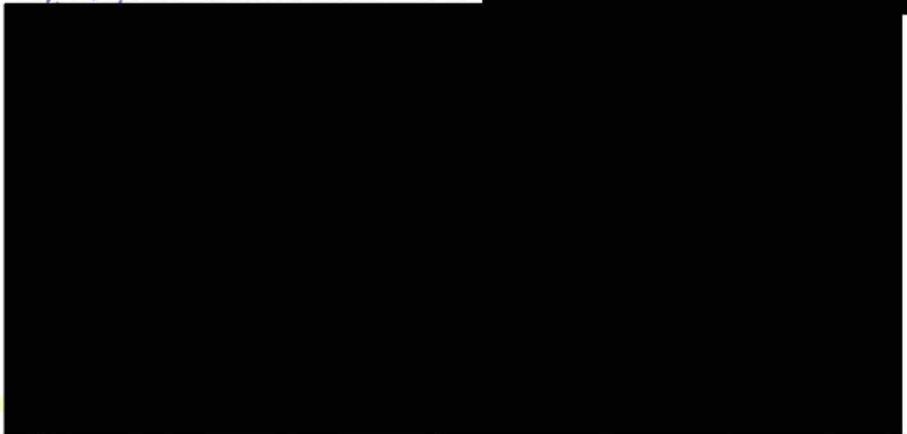




✓ Wednesday, July 4/18



✓ 6) HIR Hamilton



7

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✓ Tuesday, Aug 7/18 1/1



ii) Hamilton RMVP

- legal - ? - with Mike

- technical - other direction in August

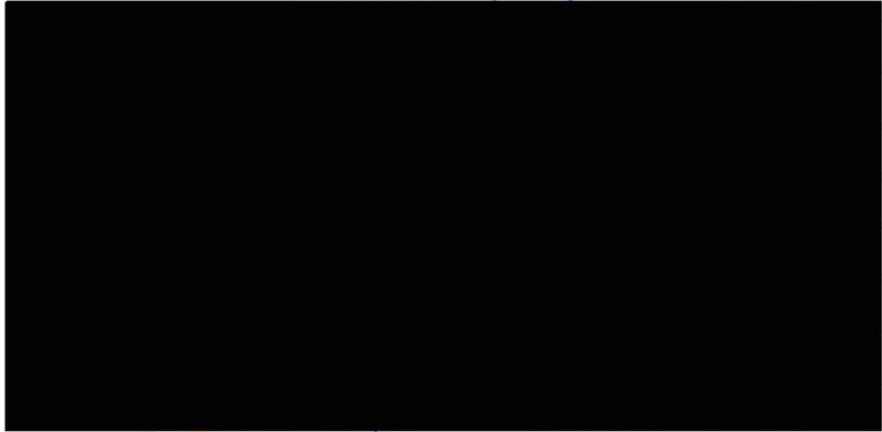


✓ Friday, Sep 14/18

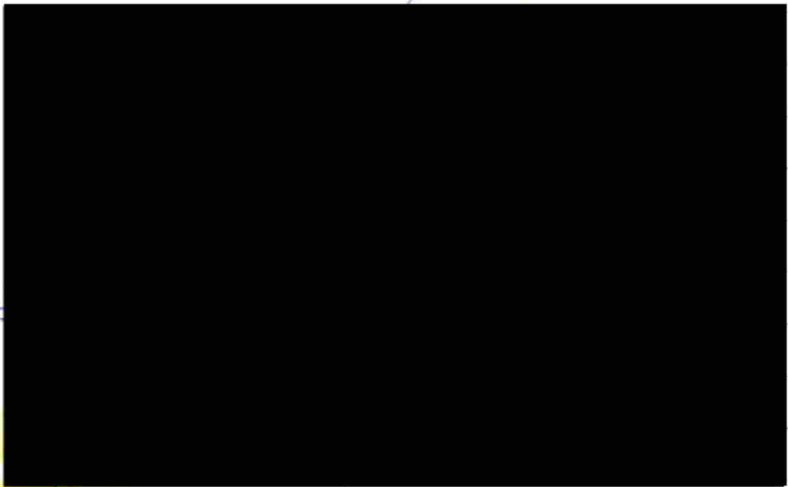
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✓ 3/ Hamilton
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Tuesday, Sep 18/18



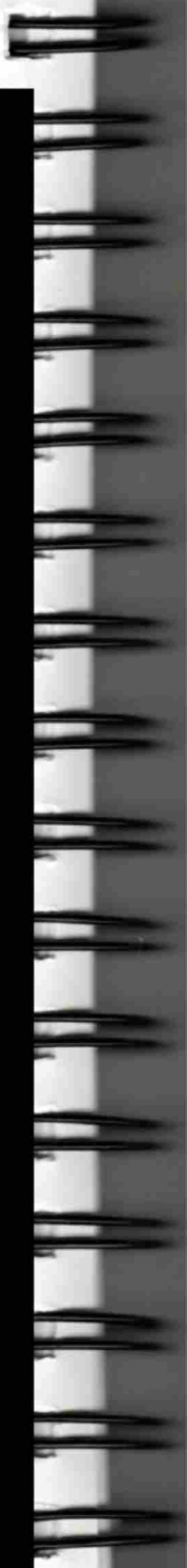
✓ Thursday, Sep 20/18

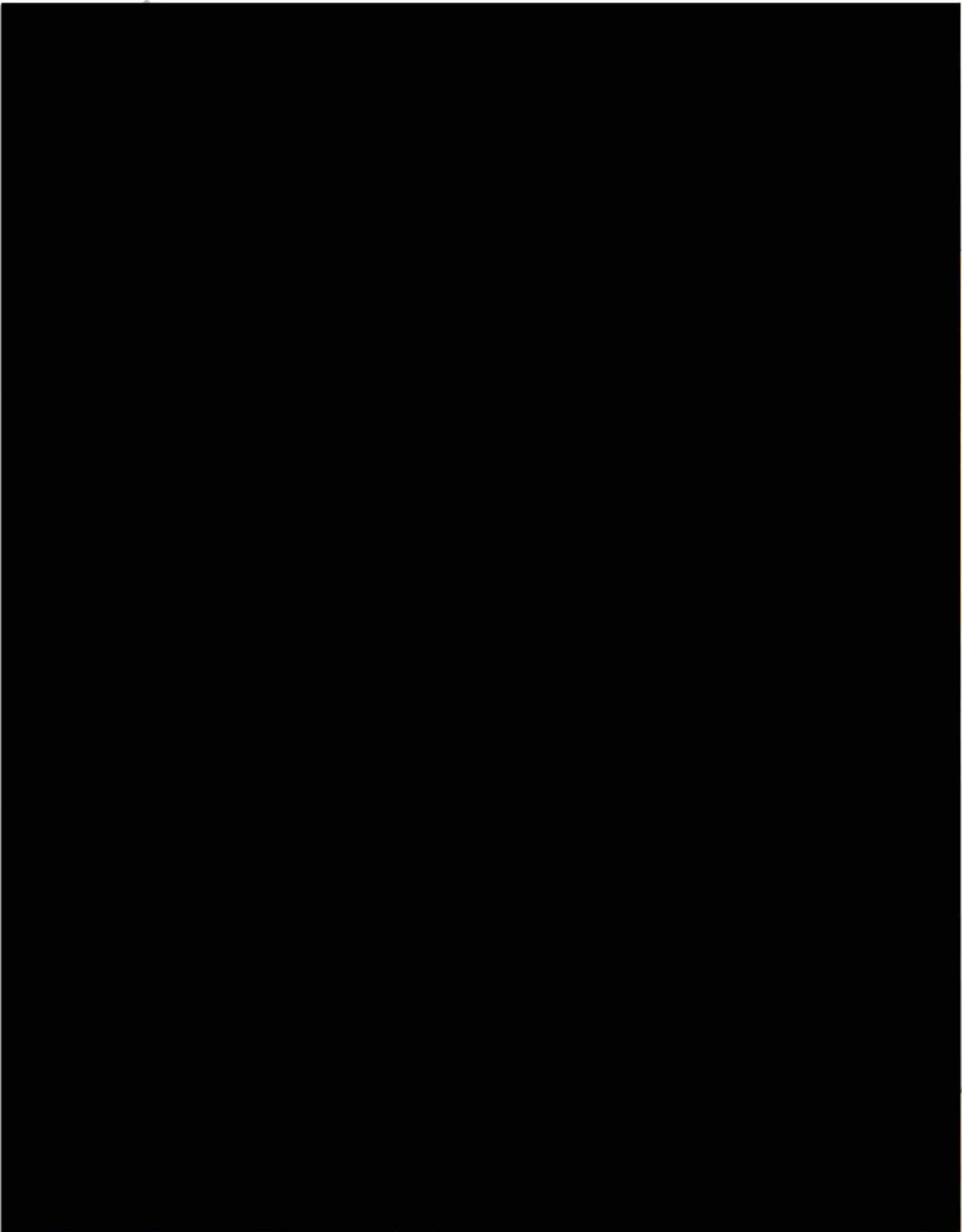


- ✓ 8) Hamilton HR - samples in Whitby
- 9) Hamilton spec.
- 10) Hamilton water
- 11) Hamilton - dinner

Mitlenich's
concord at
beginning of
October

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RR

59) Gary Moore



Friday, Sep 21/18

1) Hamilton HIR

Monday, Sep 24/18

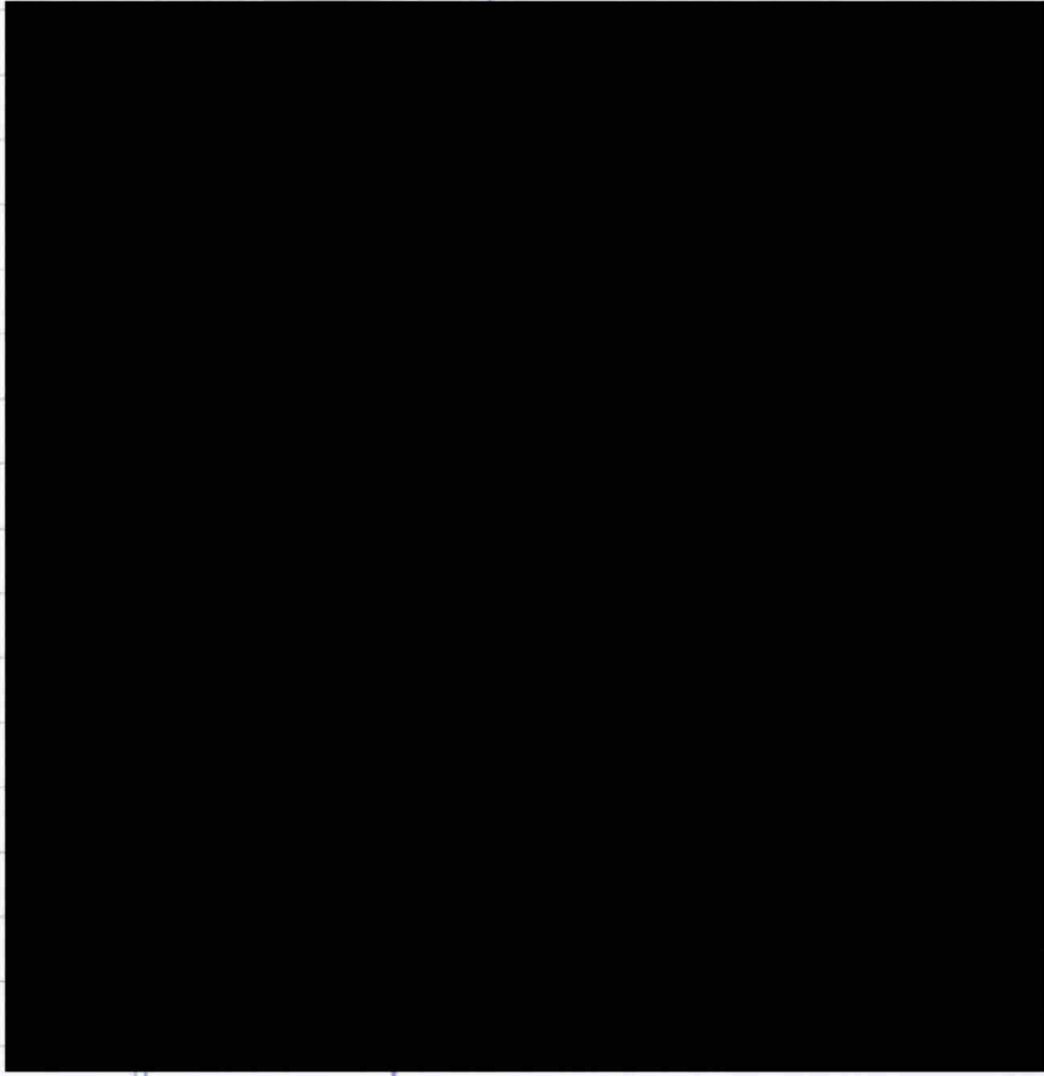
4) HIR

extension/graduation
full mix design
DST report
feasibility 2 years ago

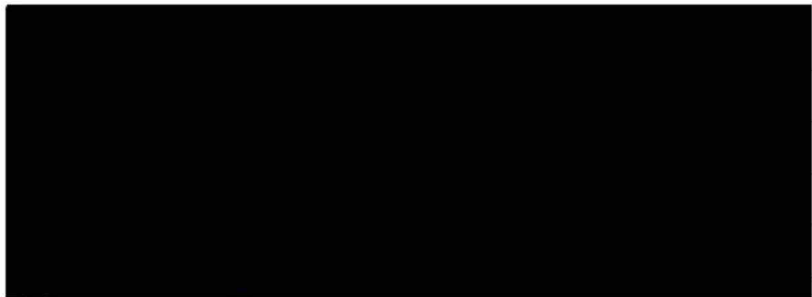
ETA conference call

Peter Skullard - specificity, measurement,
accountability, deadlines, play.

Tuesday, Sep 25/18



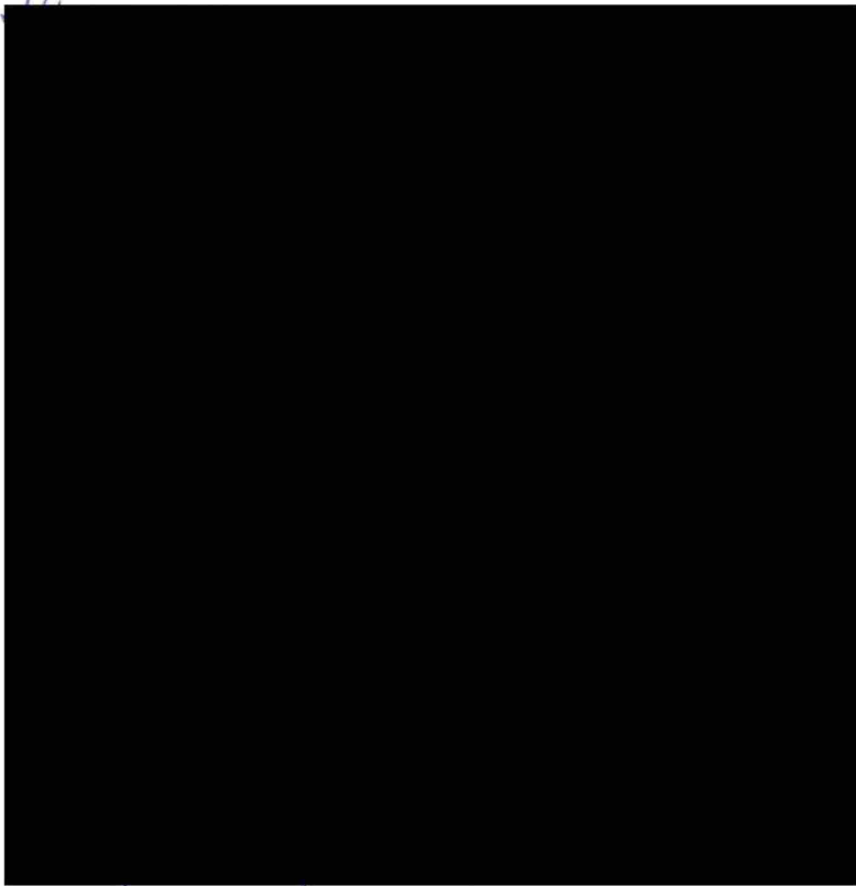
3/ Hamilton H/R



✓ Thursday, Sep 27/18



✓ 2) Hamilton HR



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Thursday, Oct 18/18

if City of Hamilton
Call 250 851 9991

1449 Hamilton

Test - pen, guarantee as it is
Only air voids 1.5-4% ? *Blas't*
High stability numbers
upto a 4m void

Adol mixtures by volume as listed
(by mass 0.8/m) the denser

oil compatible with AC.

~ 3L / ton

No segregation

Surf ~ 70°C after milling.

Pickup conveyor.

4-5m/min in the city 1.8m/day

Highway 2.5m/day Caprolin

There ~ 300m in total length

incl. preheaters

2 rotary passes - full density.

Road mix -

Acidifier, second acidifier, hydrocarbon,
polar compound, asphaltene, Aggregate.

The same oil as before. - rejuvenator oil.

Pen & vicinity
No PG lost.

Using 100% recycling - problems with new context.

stay - not for HR.
SMA - OFC

Don't do 40m, only 50m.

Scarborough, Richmond Hill

\$12/m² for everything for 50m HR
min 150,000m²

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16/ Hamilton HIR

[Redacted]

✓ Monday, Oct 22/18

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✓ 17/ Hamilton HIR

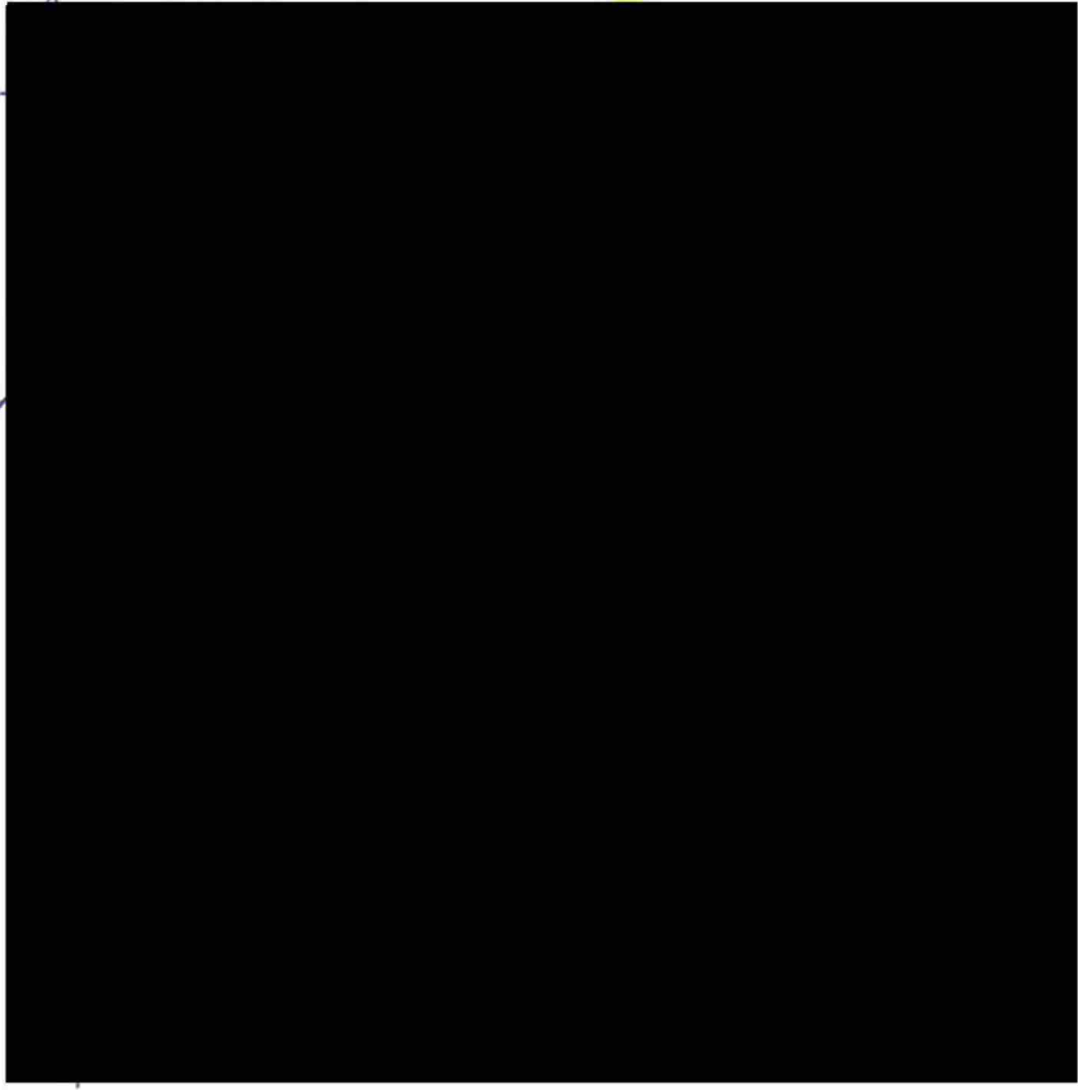
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✓ Monday, Oct 29/18



- A) Hamilton UK
- B) Hamilton news ✓



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↓ Date

Thursday, Nov 1/18

↓

V10 Robert Buchanan EnviroTech HIRP
exactly the same as in 1994-98
~~at~~ Hamilton
RHVP

April, May, June - Reel - Bob Neuhouser,
inset air aids, volumetrics, . . . ,
pays with
equipment made in their own shop
interlayer? -

Mattec, Trisei - Rob set up a meeting with
Rob Berolke, John, Frank & Rob Buchanan

hydrolic



100% ~~hydrolic~~ oil - with Engtech

ex BBR, Fiade Av. - Buffen in by Batture

7% & 10% per 42 e 7

85-100 original AC 62 e 10

- Pan Markes in Heather Bell
yesterday

- if you can do 100% recycling

Ray Bourquist - did work for them

881-10, after added oil 72-22

- was tested for ex BBR and other
properties

- specimens created, failures, 39% recycled
oil,

- no direct flame

• Ecopave has direct flame in membrane

• Enviro has some direct flame

• infrared 1800-2000

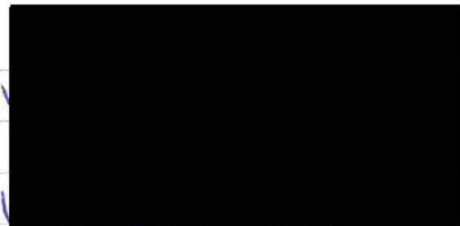
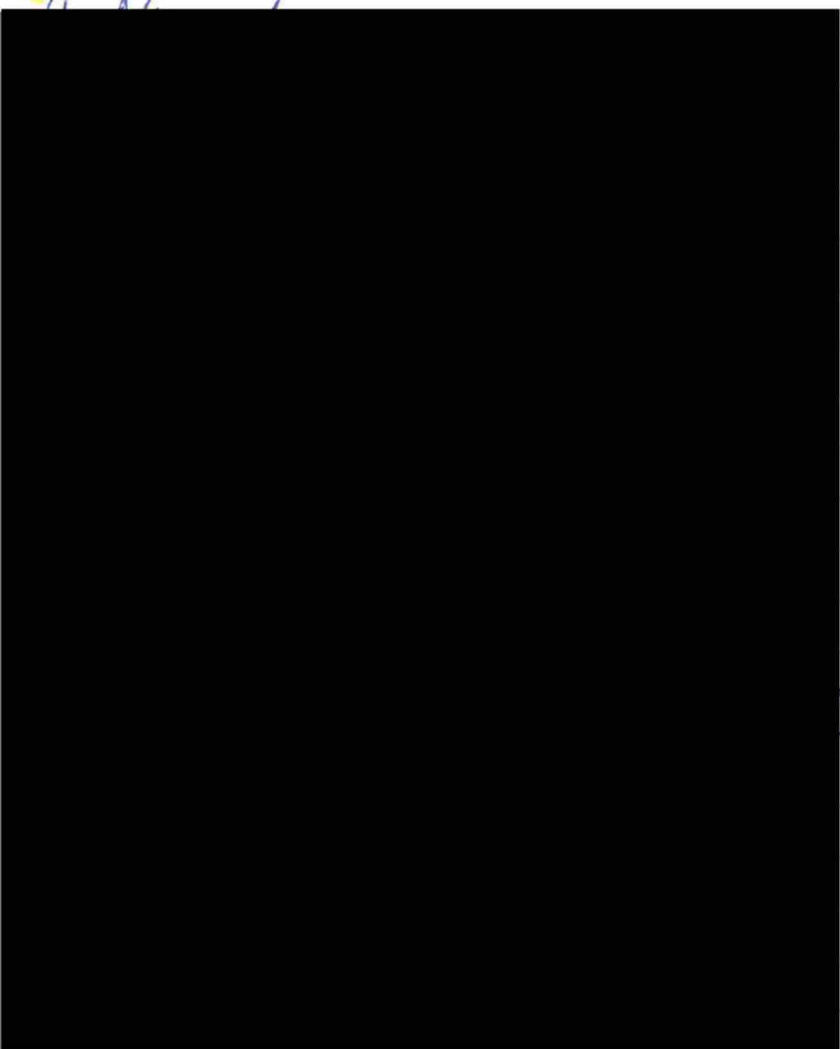
- about 2t papermill

+ 50m in one lift vs. in 3 lifts

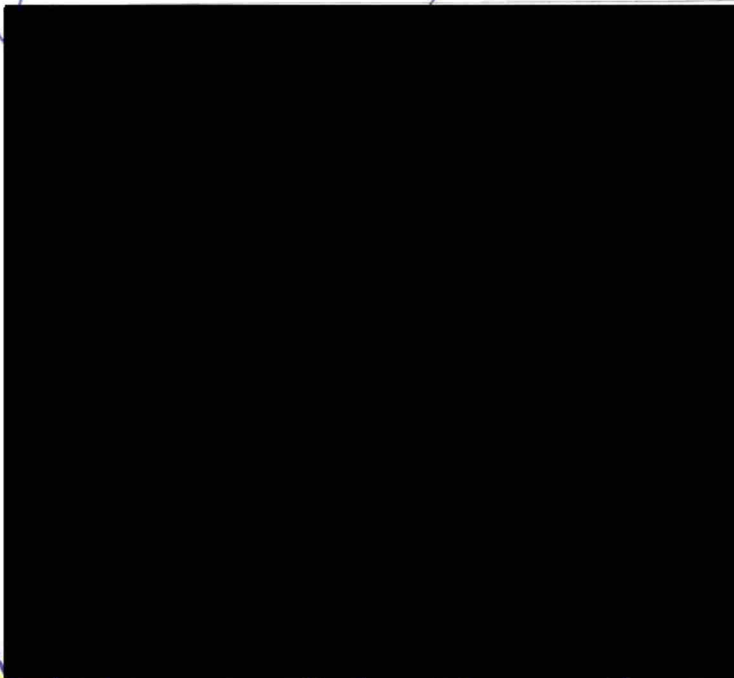


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Tuesday, Nov 20/18

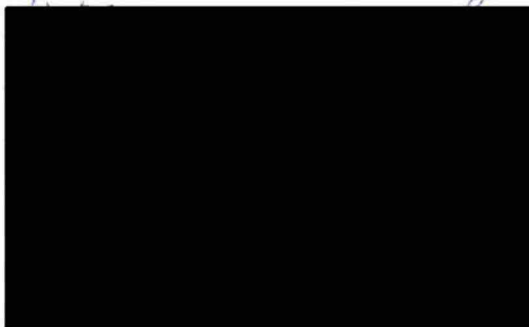
✓
to Hamilton



✓
Wednesday Nov 21/18



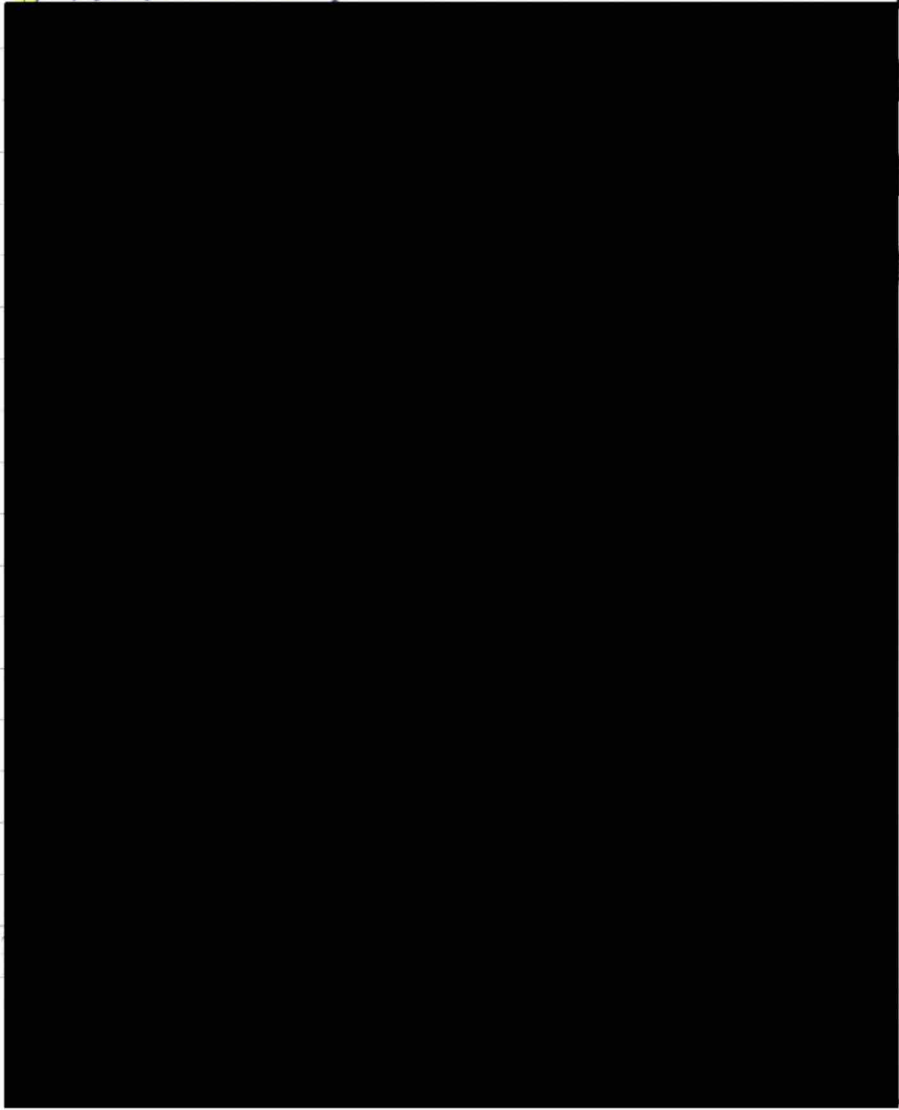
✓
to Hamilton PIR - call Jeremy & Ryan Hobson



✓ Thursday, Dec 6/18



✓ Hamilton



✓ Friday, Dec 7/18

- ✓ 1) Hamilton -
- ✓ 2) Hamilton HIR



✓



✓ Wednesday, Dec 12/18

- ✓ 1) Michael Maher
- Hamilton
- rock tunnel



- ✓ 2) Hamilton HIR
- ✓ 3) Hamilton RHVP - Tony Licardi



- ✓ 4) Report for Good, Hamilton

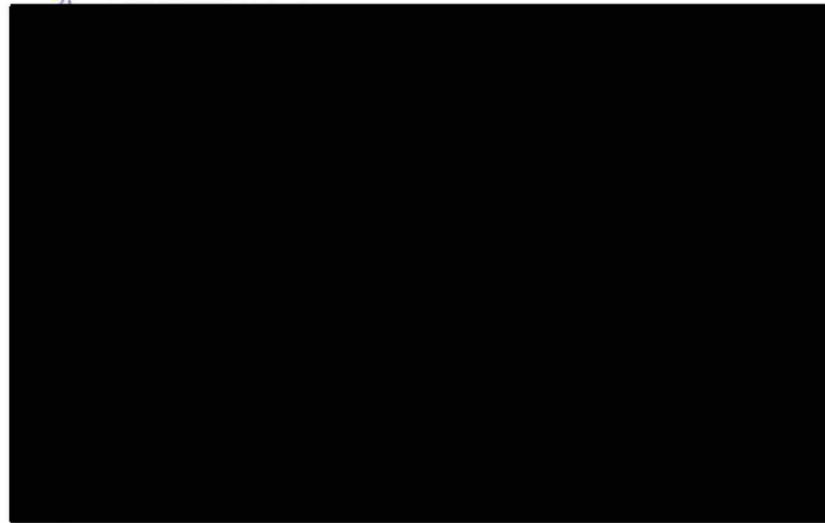




Friday, Dec 14/18



3) Hamilton



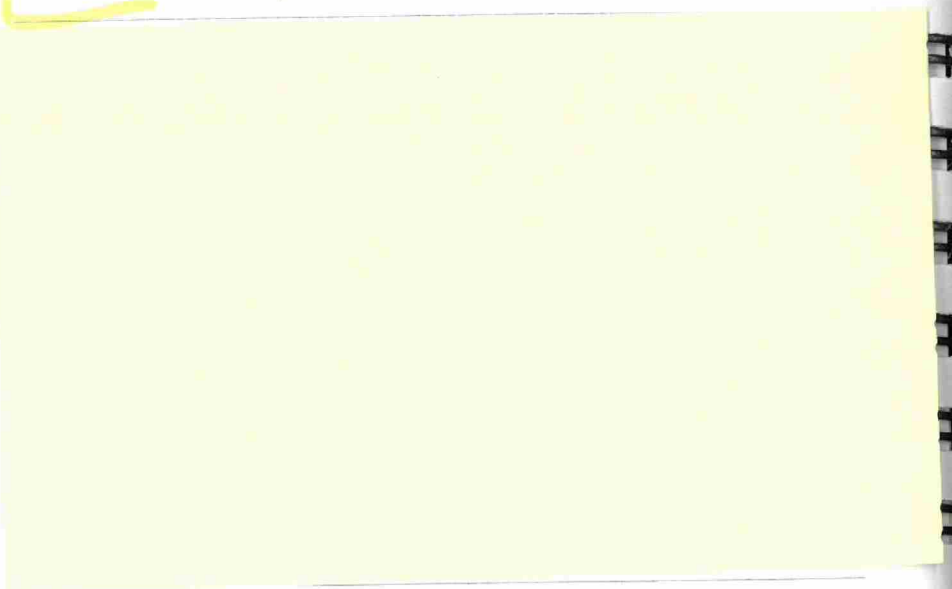
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Tuesday, Dec 18/18

- i) Meeting with Gord McGuire from City of Hamilton about RHVP 10:00am to 11:00am
 - a) hand out the draft report
 - b) present the history of SMA on RHVP - do not use names, just say the City
 - c) Construction in 2007, SMA surface course, Dufferin Construction,
 - d) tested technologies for slide improv.
 - microsurfing - good but expensive
 - shot blasting / slide abrading / blasting / blast friction - low cost but doesn't fix other issues
 - other - v. expensive
 - e) 2007 SN measurements by MTO - (average good, a few lows under structures) - ^{will ignore}
 - f) 2013 hired TradeWind Scientific for slide testing - report early 2014
 - no email with report requested by the City
 - hard copy delivered, discussed,

The slide hazard is still there! →

- micro, blasting, no PSV
- 2015 Gord-Report on performance after 6 years.
- g) 2016 ~~PSV~~ - bumps & dips, slide improvements recommendations, contacting contractors, final decision - no ^{to board}
 - report on dips - send, emails - ^{ask} Tony
- h) some discussions about friction on RHVP after - blasting - no
- i) 2017 proposal and investigation PSV, texture, BPN - light snow and temp. < 0 - not reliable, PSV 45 medium, texture good. Meeting on March 9/2018 and discussed HIR, results presented. Considered inconclusive, no report. Explained by the City people that they cannot do shot blasting because this would shock the public there was a problem with RHVP pavement - admitting guilt and getting ^{the} blame.
- j) excessive speed - exponential slide hazard, traffic loading much higher than designed - accelerated pav. deterioration - numerous times - Police control

City is I was informed that the
working with CIMM - safety aspects of our RHVP,
including speed, geometry, loading. I don't
know ~~what~~ friction is included.



~~Friday~~ ✓ Thursday, Dec '20/18

- ✓ 2) HIR Hamilton
- ✓ 3) Hamilton RHVP

✓ Monday, Jan 7/19

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✓ 2) Hamilton

[Redacted]

✓ 1) Hamilton 'HR' by notes

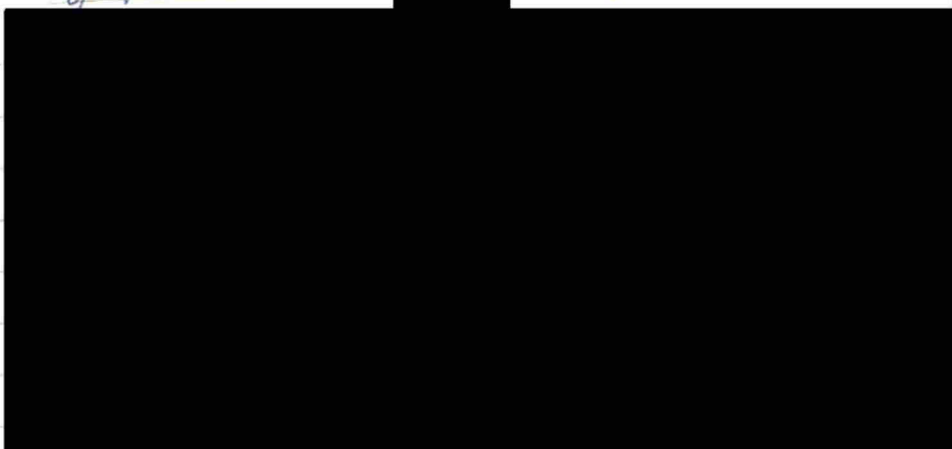
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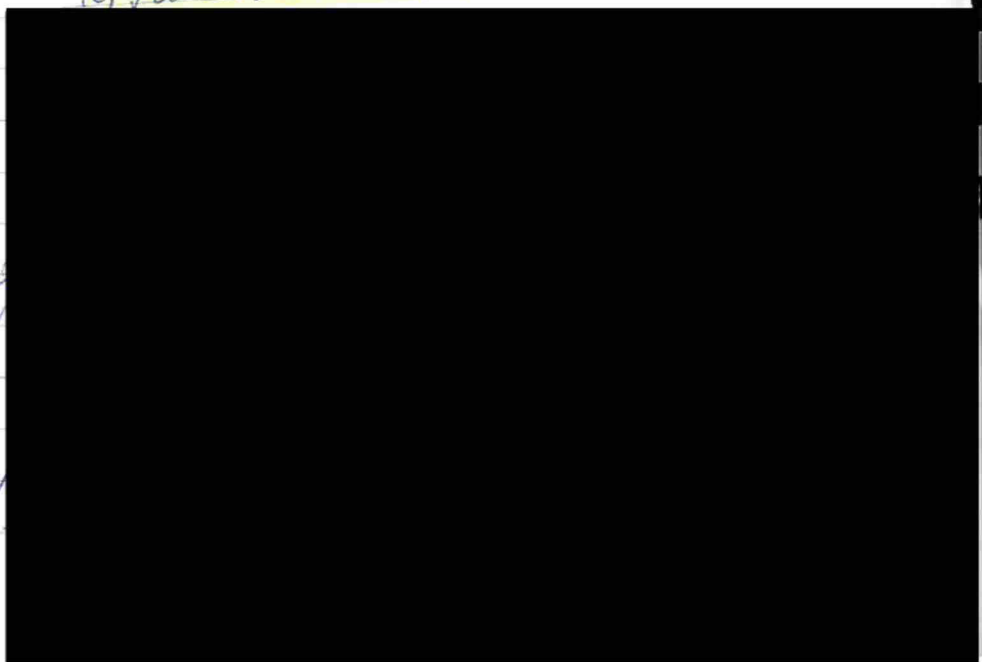
Monday, January 14/19



(2) Hamilton RHVP

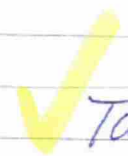


(2) Hamilton HIR





6)



Tuesday, Jun 29/19



6) Good McGuire - we didn't put
- this material down 2016, 2017
3 sets of measurements - a lot of

- materials will go to the council.
PSV or/medicum.
- CKMA road side safety, - - - -
- information has the contact contact.
- correspondence - The City is
going to pay Golden, exchanges
with the city.
- background - there will be media
attention to this. They will be
coordinating the communication
with media. The City would like
to manage the response.

Wednesday, Jun 30/19

1) Hamilton



5) Hamilton RHP
6) Hamilton HIR

✓

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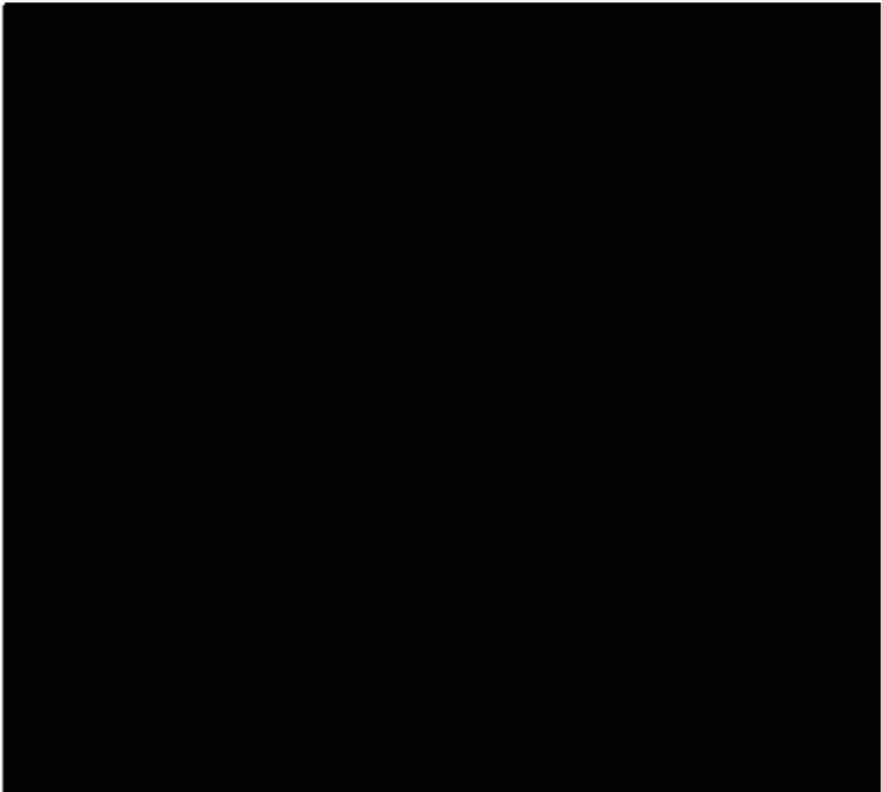
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11

12

13

20



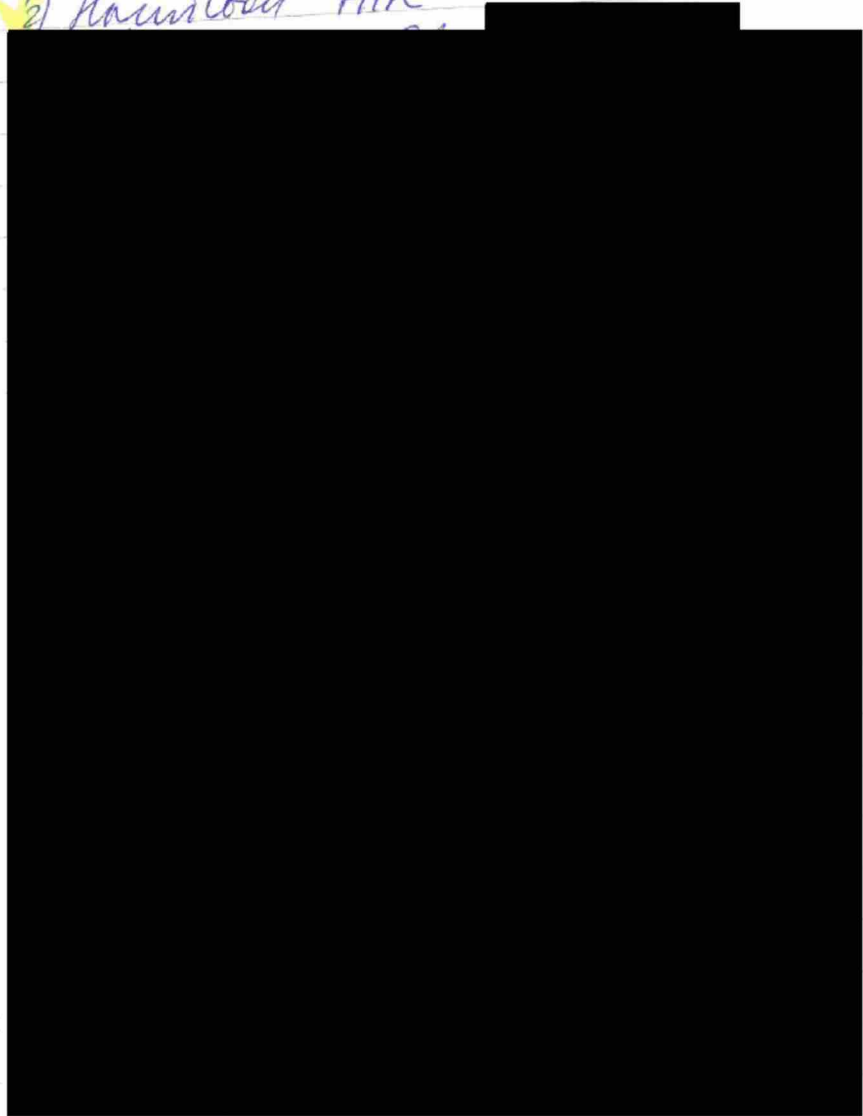
✓ Friday, Feb 8/19

✓ Hamilton RHVP



✓ Monday, FEB 11/19

- ✓ 1) Hamilton RHVP
- ✓ 2) Hamilton HIR



✓ Monday, Feb 25/19

(1) Hamilton MIR 2/1/19
(2) Hamilton RHP 2/1/19

[Redacted]

✓ Tuesday, Feb 26/19

[Redacted]

- ✓ 4) Hamilton 1
- ✓ 5) Hamilton 2

✓ Wednesday Feb 27/19

✓ 1) Hamilton

[Redacted]

3/

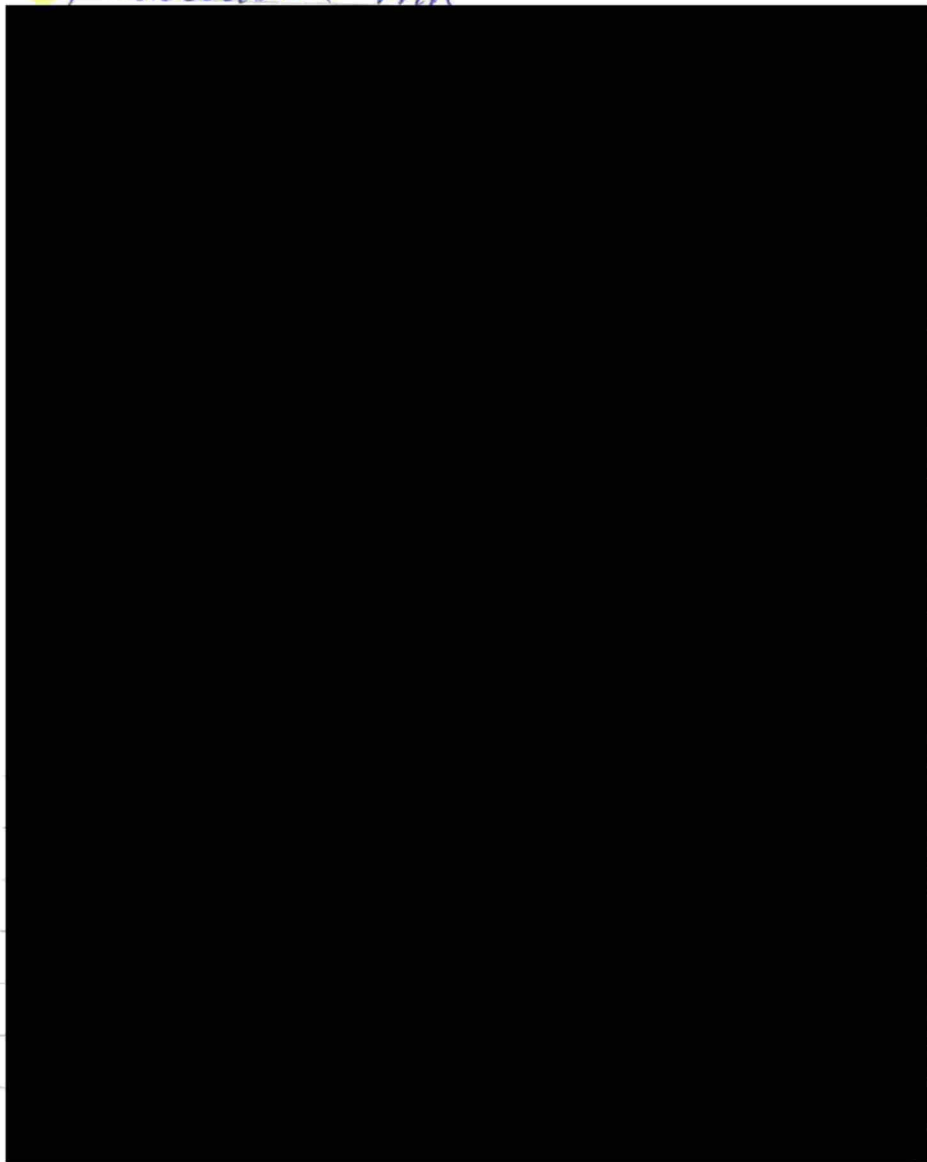
✓ Thursday, March 7/19

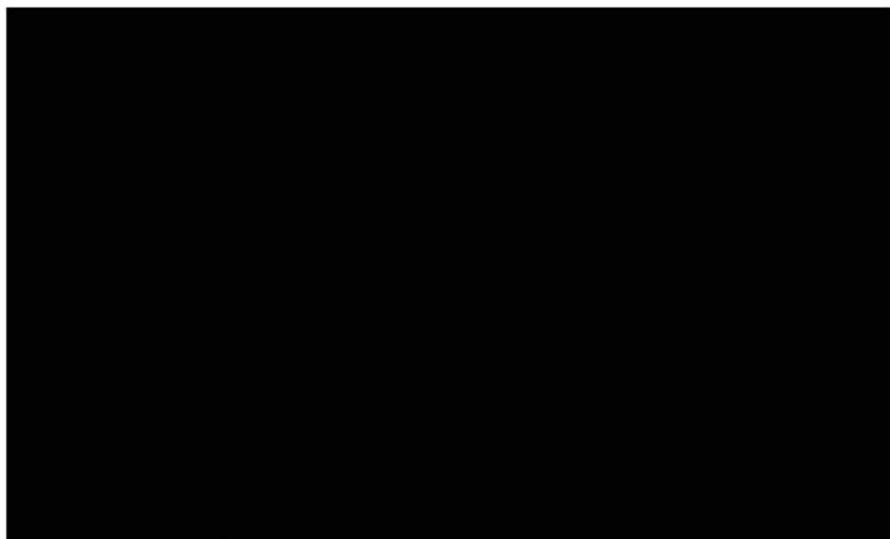
✓ 6) Hamilton HIR

✓ Monday, March 11/19

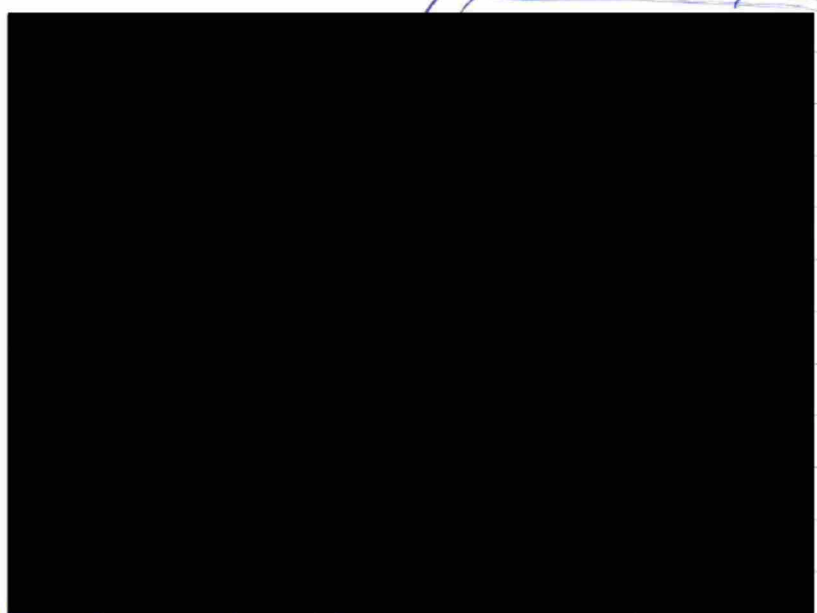


✓ of Hamilton MIR

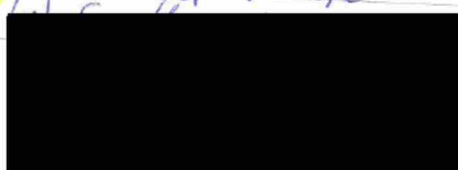


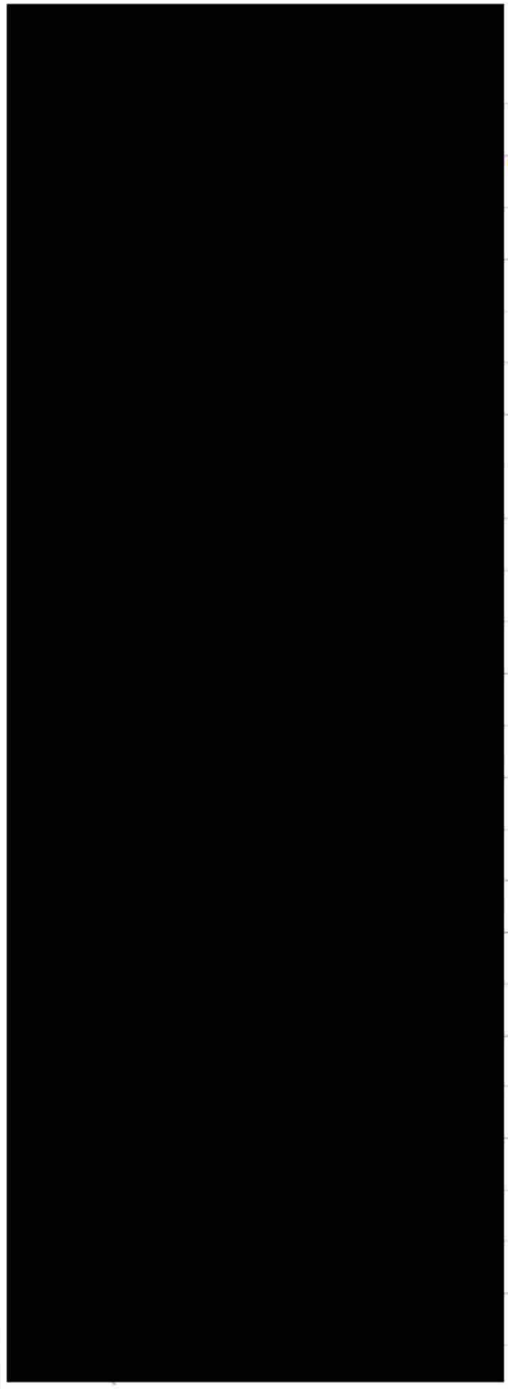
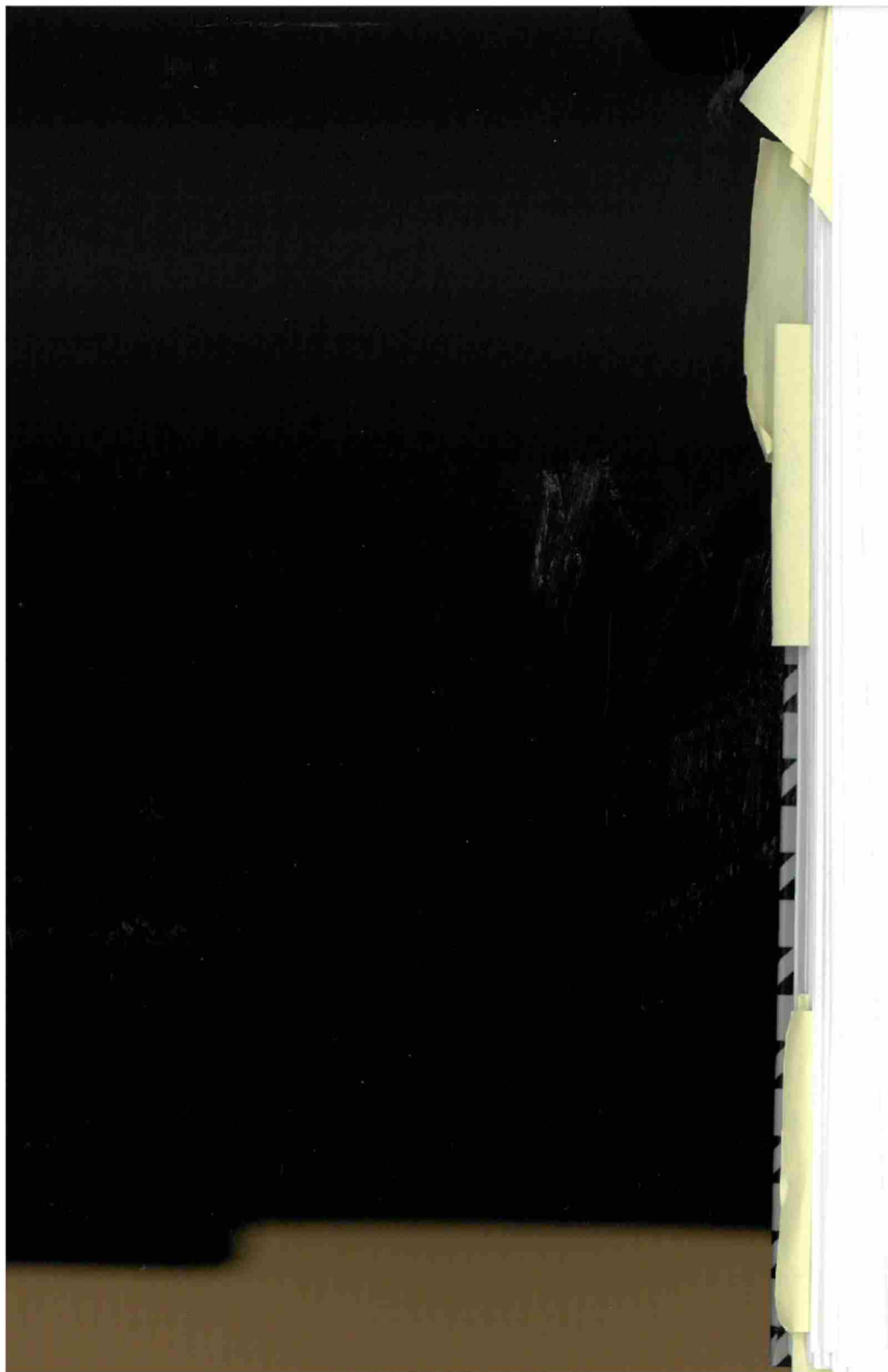


✓ Friday, March 15/19



✓ Hamilton HR





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28/ Hamilton - Gord

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