

Test Monitoring Center

http://astmtmc.cmu.edu

ASTM Reference Testing Semi-Annual Report HTCBT

Fall 2019

HTCBT Test Activity*

Test Status	Validity Code	Number of Tests
Acceptable Calibration Test	AC	248
Failed Calibration Test	OC	25
Operationally Invalid, by lab	LC	8
Operationally Invalid, by TMC	RC	1
Aborted Calibration Test	XC	3
Acceptable Shakedown Run	NN	7
Unacceptable Shakedown Run	MN	8
Aborted Shakedown Run	XN	2
Hardware Run - N coupons	NI	14
Unacceptable Hardware Run – N coupons	MI	2
Invalid Hardware Run - N coupons	LI, RI	8
Total		326

*April 1, 2019 – September 30, 2019

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HTCBT Failed Tests

Failed Parameter	Number of Tests
Severe Lead Concentration	12
Severe Copper Concentration	5
Severe Copper & Lead Concentration	6
Mild Copper Concentration	2
Total	25



HTCBT Lost Tests*

Status	Cause	
Invalid	Power Failure	7
Invalid	Airflow Control Problems	2
Invalid	Unapproved Hardware	1
Aborted	Heater Failure	1
Aborted	Sample Spilled	1
Total		12

*Invalid and aborted calibration tests



HTCBT Test Severity

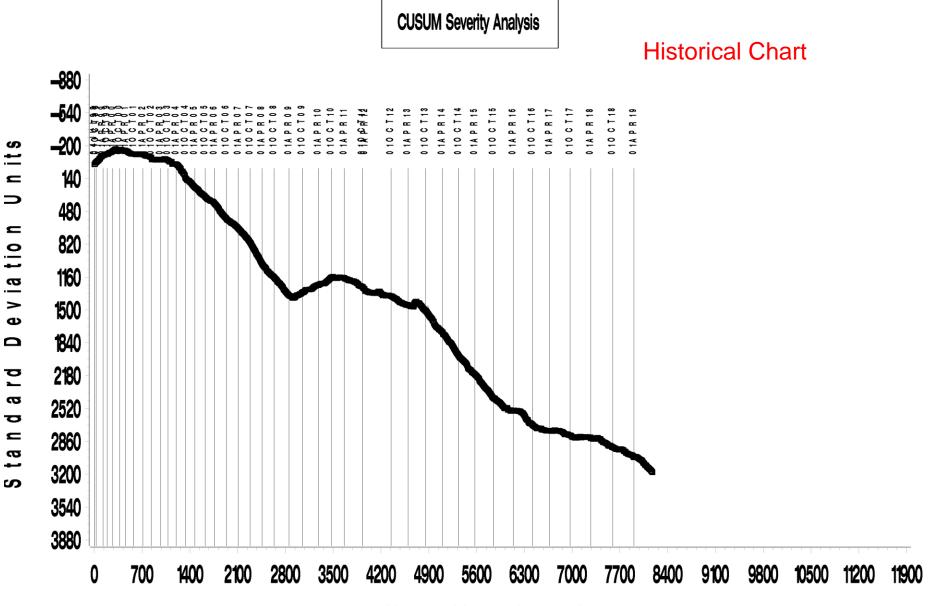
- Copper concentration trending severe
- Lead concentration trending severe







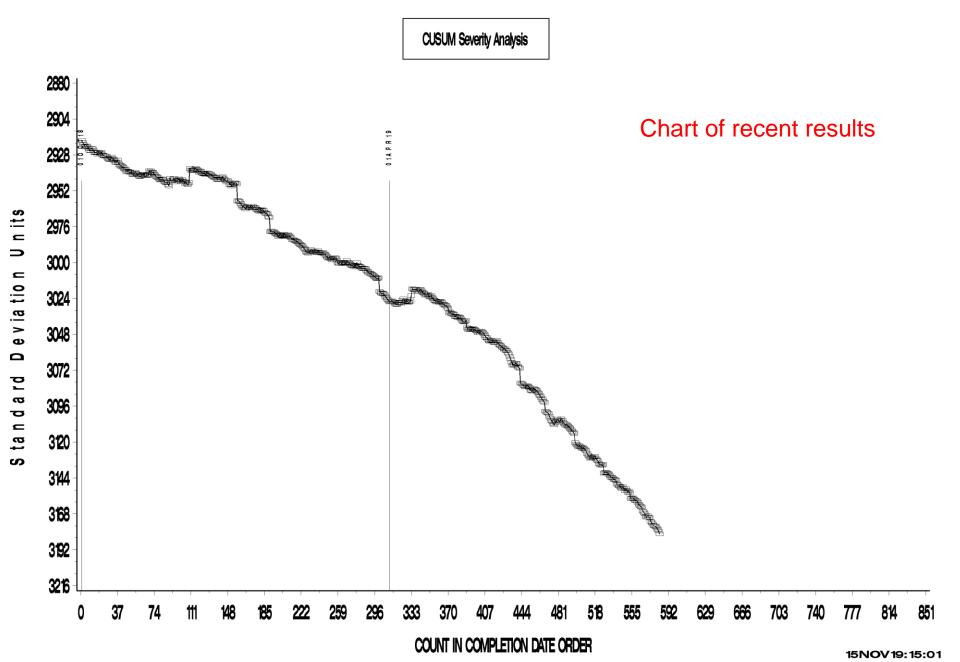
COPPER CHANGE (ppm)



COUNT IN COMPLETION DATE ORDER

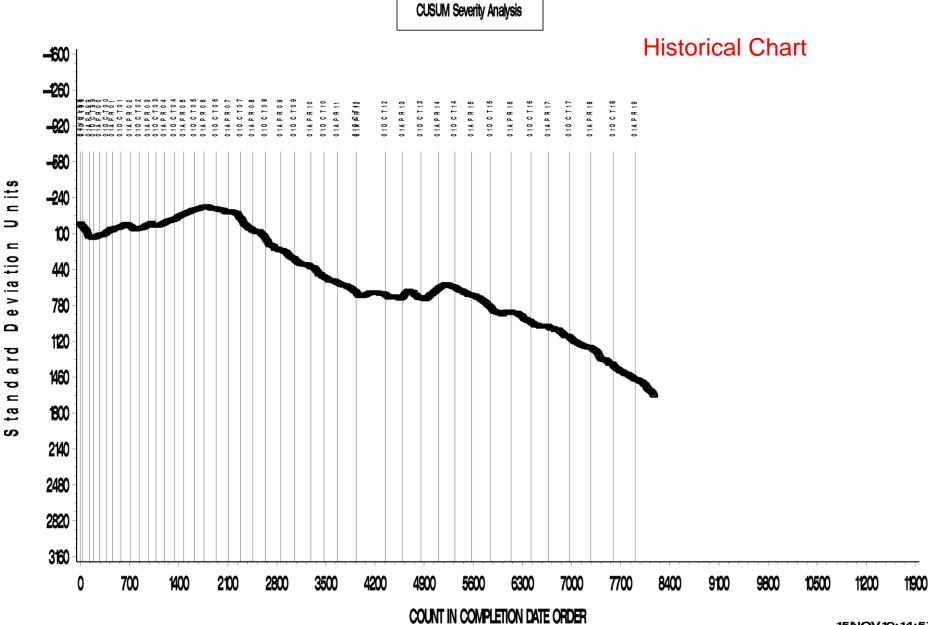


COPPER CHANGE (ppm)



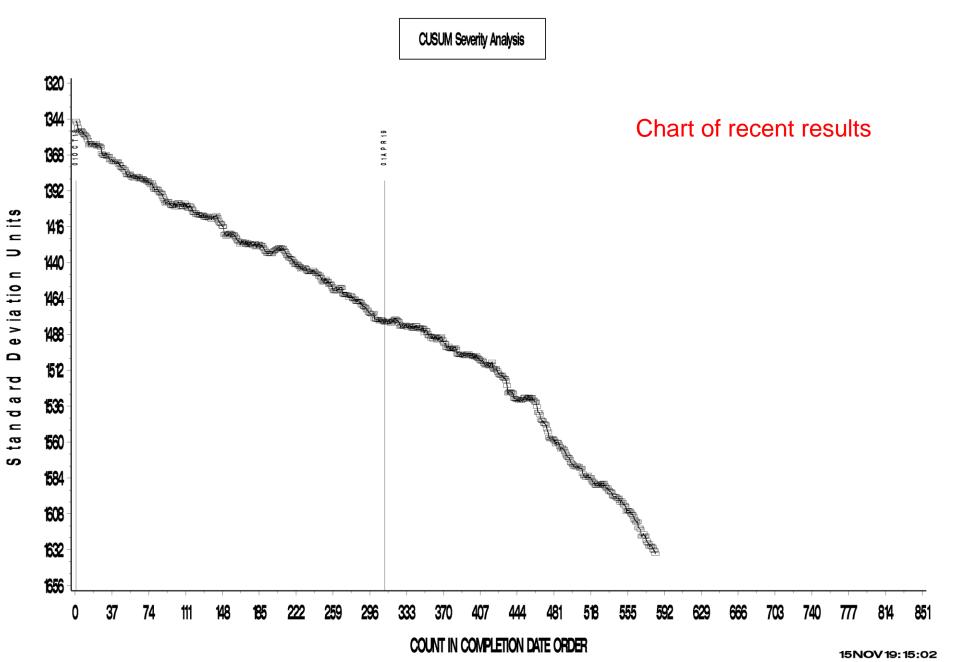


LEAD CHANGE (ppm)



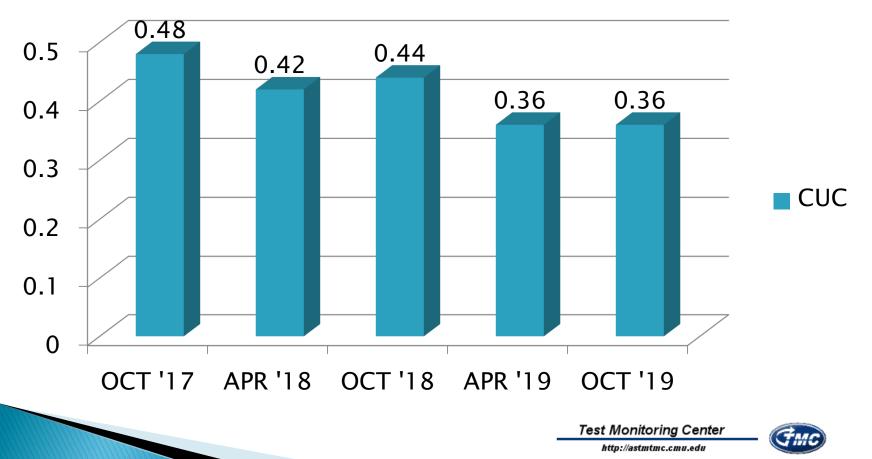


LEAD CHANGE (ppm)



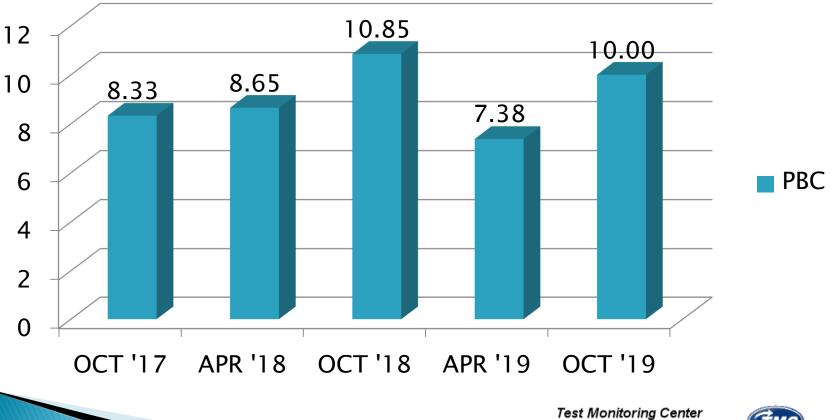
HTCBT Precision Estimates

CUC



HTCBT Precision Estimates

PBC



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Information Letters*

Test	Date	IL	Торіс
HTCBT	6/3/2019	19-1	Standardization of Test Result Calculation Precision and Reporting
HTCBT	10/31/2019	19-2**	Clarification of Test Result Calculation Precision and Reporting

*Available from TMC Website

**IL 19-2 addresses a negative vote received for IL 19-1 and was issued after the close of the report period.





Reference Oil Inventory Estimated Life

Oil	TMC Inventory (gallons)	Quantity Shipped in last 6 months (gallons)	Lab Inventory (samples)	Estimated Life
44-4	22.3	3.5	81	5+ years
1005-5	43.8	10.3	200	4+ years





Miscellaneous Information

- Available on TMC Website:
 - Oil Assignment Request and Test File Upload
 - Live Reference Test Data Bases
 - Surveillance Panel Meeting Minutes
- www.astmtmc.cmu.edu





