



HILLCREST INDUSTRIES, INC

40 Favor Street, Attica, NY 14011

Phone: (585)591-1182 Fax: (585)591-1188

October 7, 2016

New York State Department of Environmental Conservation Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

Attn: Regional Engineer

Re: Order on Consent
File No. 12-4 7
R9-20120806-98
July 2016 Report

Pursuant to Condition 33. of Schedule A of the above referenced Order on Consent, Hillcrest Industries, Inc. is herewith submitting the required monthly progress report:

Copies of shipping documents for waste shipments are enclosed.

Copies of Daily Dust Control Logs are enclosed.

Pile Map, 3/8 minus tri-color glass quantities document required by BUD No. 1248-9-61 enclosed.

With respect to shipment of product, Hillcrest continues to request confidentiality of this information. Shipments to the newly developed customer are continuing.

SEPTEMBER 2016 NOTES

TREE PLANTING: I have our landscaper coming out before winter to inspect trees and replant any if necessary.

FURNACE 3: Uptake, dropbox, cyclone and duct work is up. Making the duct connection to the baghouse next.

OUTFALL 0001: Seed has been ordered. With Army Corps. Approval, we are planning on seeding this month.

OUTFALL 0004: We have cleaned up our scrap yard area on the "hill" West of the paint shop near outfall 0004. Brush and small trees have been removed and a small basin was created collecting the 2 culverts

that feed 0004. Rip rap has been placed along the steep grade. A culvert was ran from 0004 to 0003 and the banks on both sides were pushed in to cover the ditch, creating another access point to 42 Favor.

GLASS TESTING: Sample results have been sent in.

Working with Aevitas to come up with a quarantining plan at their location. The idea is they will send a sample to Hillcrest representative of glass that they will be sending in the future 1 or 2 months. Hillcrest will send out the sample for TCLP to determine whether or not we will bring it in.

AIR PERMIT AMENDMENTS: I owe Mike Emery a summary of the potential emissions from firing different sources of glass through the furnaces. Delaying this only because we are shopping for a different dust collector for Rotary Dryer #2 that may be its own emission point.

If you have any questions, please contact myself, Mr. Daniel Kirsch at 585-591-1182 or Mr. Peter Tarnawskyj at 716-523-1796.

Sincerely,

Derek Kirsch

enc.

cc: Mr. Daniel Kirsch, Hillcrest
Mr. Peter Tarnawskyj, LTP Services, Inc.

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE ROOM GENERAL

INSPECTION

MONDAY'S DATE: 9/26/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

THIS INSPECTION IS TO BE DONE WHENEVER AT LEAST ONE FURNACE IS RUNNING

NOTE WHEN ALL FURNACES ARE SHUT DOWN, NO INSPECTION

As doghouses are open to the environment, any cleanouts from feed chugs must be cleaned

Any accumulation on furnace deck will indicate feed leak, be sure to clean deck AND CHECK FOR LEAKS

AIR FLOW DIRECTION: YES/NO Air moving from inside the building to outside

Check with air strips attached to doors and/or supplied flag pole

First Shift 7AM-3PM

Second Shift 3PM-11PM

Third Shift 11PM-7AM

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

INITIAL AND TIME STAMP AFTER EACH INSPECTION

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY			
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	
FIRST INSPECTION																						
WEST MAN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SECOND INSPECTION																						
WEST MAN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEST MAN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	7:30	8:15	9:30	

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

WEEKLY FURNACE ROOM AIR FLOW VELOCITY READING

SEE INDIVIDUAL FURNACE LOGS FOR DETAILED INFORMATION

9-26-16 Feed Pipe hole. Furnace #2 - Left side & Right side
 9-30 - Fixed hole in Feed Pipe (Furnace #2 - Left side)
 9-30 - Fixed hole in Feed Pipe (Right side - Furnace 2)
 10-1 Fixed hole in Feed Pipe Furnace #2

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE ROOM GENERAL

MONDAY'S DATE: 9/14/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

INSPECTION

NOTE WHEN ALL FURNACES ARE SHUT DOWN, NO INSPECTION

As doghouses are open to the environment, any cleanouts from feed chugs must be cleaned

DECK/SURROUNDING AREA: YES/NO feed/particulate accumulation

AIR FLOW DIRECTION: YES/NO Air moving from inside the building to outside

Check with air strips attached to doors and/or supplied flag pole

First Shift 7AM-3PM

Second Shift 3PM-11PM

Third Shift 11PM-7AM

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd																		
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
STAIRWELL DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEST MAIN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	8:30 CS	8:30 CS	1:30 CS																		
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
STAIRWELL DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEST MAIN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	1:00 CS	8:30 CS	1:30 CS	8:30 CS	8:30 CS	1:30 CS															

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

WEEKLY FURNACE ROOM AIR FLOW VELOCITY READING

SEE INDIVIDUAL FURNACE LOGS FOR DETAILED INFORMATION

9-19-16 - Fixed Feeder pipe on far wall #1 - Left side
 9-20-16 - Fixed Feeder pipe (chug), Furnace #1 - Right side
 9-24-16 - Fixed Feeder pipe hole; Furnace #1 - Left side
 Done At: 2900am DE 9/21

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE ROOM GENERAL

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

INSPECTION

MONDAY'S DATE: 9/12/16

THIS INSPECTION IS TO BE DONE WHENEVER AT LEAST ONE FURNACE IS RUNNING

NOTE WHEN ALL FURNACES ARE SHUT DOWN, NO INSPECTION

As doghouses are open to the environment, any cleanouts from feed chugs must be cleaned

DECK/SURROUNDING AREA: YES/NO feed/particulate accumulation

INITIAL AND TIME STAMP AFTER EACH INSPECTION

Air flow DIRECTION: YES/NO Air moving from inside the building to outside

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

First Shift 7AM-3PM

Second Shift 3PM-11PM

Third Shift 11PM-7AM

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd																		
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #3 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #4 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #5 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEST MAIN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	7:30 CS	8:30 CS	1:30 CS																		
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #3 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #4 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #5 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEST MAIN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	7:30 CS	8:30 CS	1:30 CS																		

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

WEEKLY FURNACE ROOM AIR FLOW VELOCITY READING

SEE INDIVIDUAL FURNACE LOGS FOR DETAILED INFORMATION

9/14 - Fixed whole on Feeder pipe = Right side CS.
 9/14 - ~~fixed~~ cleaned Furnace deck and cover doghouse 9:30 PM
 Air Speed 275 cfm NR 9/15

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE ROOM GENERAL

MONDAY'S DATE: 9/16/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

INSPECTION

BUILDING EMISSIONS: YES/NO emissions exiting furnace room
 SPLITTER DOGHOUSES: YES/NO feed/particulate accumulation inside splitter doghouses
 As doghouses are open to the environment, any cleanouts from feed chogs must be cleaned

THIS INSPECTION IS TO BE DONE WHENEVER AT LEAST ONE FURNACE IS RUNNING
 NOTE WHEN ALL FURNACES ARE SHUT DOWN, NO INSPECTION

DECK/SURROUNDING AREA: YES/NO feed/particulate accumulation

INITIAL AND TIME STAMP AFTER EACH INSPECTION

Any accumulation on furnace deck will indicate feed leak, be sure to clean deck AND CHECK FOR LEAKS
 AIR FLOW DIRECTION: YES/NO Air moving from inside the building to outside

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

First Shift 7AM-3PM

Second Shift 3PM-11PM

Third Shift 11PM-7AM

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY					
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd			
FURNACE #1 DOOR AIR FLOW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
FURNACE #2 DOOR AIR FLOW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EAST DOOR AIR FLOW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DECK / LOWER AREA	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
SPLITTER DOGHOUSES	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BUILDING EMISSIONS	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
WEST MAN DOOR AIR FLOW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
TIME & INITIALS:																								
BUILDING EMISSIONS																								
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FURNACE #1 DOOR AIR FLOW																								
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FURNACE #2 DOOR AIR FLOW																								
WEST MAN DOOR AIR FLOW																								
TIME & INITIALS:																								

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WEEKLY FURNACE ROOM AIR FLOW VELOCITY READING

*SEE INDIVIDUAL FURNACE LOGS FOR DETAILED INFORMATION

AIR SPEED 285 fpm NW 9/7

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE ROOM GENERAL

MONDAY'S DATE: 9/29/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

INSPECTION

BUILDING EMISSIONS: YES/NO emissions exiting furnace room

THIS INSPECTION IS TO BE DONE WHENEVER AT LEAST ONE FURNACE IS RUNNING

SPLITTER DOGHOUSES: YES/NO feed/particulate accumulation inside splitter doghouses

NOTE WHEN ALL FURNACES ARE SHUT DOWN, NO INSPECTION

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INITIAL AND TIME STAMP AFTER EACH INSPECTION

DECK/SURROUNDING AREA: YES/NO feed/particulate accumulation

Any accumulation on furnace deck will indicate feed leak, be sure to clean deck AND CHECK FOR LEAKS

AIR FLOW DIRECTION: YES/NO Air moving from inside the building to outside

Check with air strips attached to doors and/or supplied flag pole

First Shift 7AM-3PM

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Third Shift 11PM-7AM

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd																		
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #3 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #4 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEST MAN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	4:30 CS	8:30 CS	1:30 CS																		
BUILDING EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPLITTER DOGHOUSES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECK / LOWER AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAST DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #1 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #2 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #3 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FURNACE #4 DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEST MAN DOOR AIR FLOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME & INITIALS:	4:30 CS	8:30 CS	1:30 CS																		

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

WEEKLY FURNACE ROOM AIR FLOW VELOCITY READING

SEE INDIVIDUAL FURNACE LOGS FOR DETAILED INFORMATION

Air Speed: 310 fpm DR 9/1/16

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #1

INITIAL AND TIME STAMP
AFTER EACH INSPECTION

MONDAY'S DATE: 9/26/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

CYCLONE: YES/NO cyclone plugged, backed-up

First Shift: 7AM-3PM

Second Shift: 3PM-11PM

Third Shift: 11PM-7AM

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.2	1.2	1.0
TIME & INITIALS:	8:25 7:30	C5 5:15	P 1:30	8:25 7:30	C5 5	P 1:30	8:25 7:30	C5 6	P 1:30	12:25 8	12:25 8	1:30 1:30									
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
TIME & INITIALS:	8:25 7:30	C5 5:15	P 1:30	8:25 7:30	C5 5	P 1:30	8:25 7:30	C5 6	P 1:30	12:25 8	12:25 8	1:30 1:30									

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS
ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #1

MONDAY'S DATE: 9/19/16 CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY) INITIAL AND TIME STAMP AFTER EACH INSPECTION

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower
 CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters
 CYCLONE: YES/NO cyclone plugged, backed-up
 FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION
 MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	.6	.8	.8	.8	.8	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9
TIME & INITIALS:	7:30 CS	8:30 RB	11:30 CS	7:30 CS	8:30 RB	11:30 CS	7:30 CS	8:10 RB	11:30 CS	7:30 CS	8:10 RB	11:30 CS	7:30 CS	8:10 RB	11:30 CS	7:30 CS	8:30 RB	11:30 CS	7:30 CS	8:30 RB	11:30 CS
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	.8	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9
TIME & INITIALS:	1:00 CS	8:30 RB	12:50 CS	1:30 CS	8:30 RB	12:50 CS	1:30 CS	8:30 RB	12:50 CS	1:30 CS	8:30 RB	12:50 CS	1:30 CS	8:30 RB	12:50 CS	1:30 CS	8:30 RB	12:50 CS	1:30 CS	8:30 RB	12:50 CS

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS
ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS
RECORD ALL FILTER REPLACEMENTS and/or CLEANING

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #1

INITIAL AND TIME STAMP
AFTER EACH INSPECTION

MONDAY'S DATE: 9/12/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/NO cyclone plugged, backed-up

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	.6	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.7	.8	.7	.8	.8	.8	.8	.8	.8
TIME & INITIALS:	04 730	08 830	11 130	04 8	04 5	04 1130	04 730	08 830	11 130	04 730	08 830	11 130	04 730	08 830	11 130	04 730	08 830	11 130			
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	.8	.7	.7	.8	.8	.6	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
TIME & INITIALS:	04 130	08 930	11 530	04 130	04 9	02 500	05 1:00	08 830	11 130	04 500	08 400	11 545	04 130	08 830	11 130	04 730	08 930	11 600			

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #1

INITIAL AND TIME STAMP
AFTER EACH INSPECTION

MONDAY'S DATE: 9/16/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower
CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/NO cyclone plugged, backed-up

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.7	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
TIME & INITIALS:	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.7	1.8	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
TIME & INITIALS:	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30	CS 1:30	CS 2:00	CS 2:30

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS
 ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS
 RECORD ALL FILTER REPLACEMENTS and/or CLEANING
 9-7-16 10:45 - Fixed hole in Feed pipe (Left side) - CS
 9-8-16 9:30 - Fixed hole in feeder pipe Right side - CS

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY
 *SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #1

INITIAL AND TIME STAMP
AFTER EACH INSPECTION

MONDAY'S DATE: 8/24/16 CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower
CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

CYCLONE: YES/NO cyclone plugged, backed-up

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	.6	.7	.7	.7	.7	.7	.6	.7	.7	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
TIME & INITIALS:	CL 7:30	RS 8:30	RS 1:30	CL 7:45	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:15	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	.7	.7	.7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8	.8	.7	.7	.8	.8	.7
TIME & INITIALS:	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30	CL 7:30	RS 8:30	RS 1:30

8:30/16 746 AM - Fire 4 holes in Feed pipes left side
9/1/16 730 AM - Fixed hole in Bucket elevator

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS
ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS
RECORD ALL FILTER REPLACEMENTS and/or CLEANING
Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY
*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #2

INITIAL AND TIME STAMP

MONDAY'S DATE: 9/26/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

AFTER EACH INSPECTION

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower

CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/NO cyclone plugged, backed-up

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	2.1	2.1	2.1	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1
TIME & INITIALS:	AB 7:30	CS 8:15	R 1:30	BB 7:30	CS 5	CS 1:30	AB 7:30	R 1:00	R 1:30	AB 7:30	CS 5	R 1:30	CS 8	AB 8:30	R 1:30	CS 6	R 1:30	CS 8	R 2:00	R 1:30	
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	2.1	2.1	2.2	2.3	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1
TIME & INITIALS:	AB 7:30	CS 8:15	R 1:30	BB 7:30	CS 5	CS 1:30	AB 7:30	R 1:00	R 1:30	AB 7:30	CS 5	R 1:30	CS 8	AB 8:30	R 1:30	CS 6	R 1:30	CS 8	R 2:00	R 1:30	
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	2.1	2.1	2.2	2.3	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.1
TIME & INITIALS:	AB 7:30	CS 8:15	R 1:30	BB 7:30	CS 5	CS 1:30	AB 7:30	R 1:00	R 1:30	AB 7:30	CS 5	R 1:30	CS 8	AB 8:30	R 1:30	CS 6	R 1:30	CS 8	R 2:00	R 1:30	

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly - note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #2

INITIAL AND TIME STAMP

AFTER EACH INSPECTION

MONDAY'S DATE: _____

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower
 CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters
 CYCLONE: YES/NO cyclone plugged, backed-up
 FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

INSPECTION TYPE	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.7	2.7	3.0	2.3	3.0	3.1	
TIME & INITIALS:	7:45 CS	8:00 BS	11:30 CS	7:30 CS	8:00 BS	1:30 CS	8:00 CS	8:00 BS	10:00 CS	8:00 CS	8:00 BS	2:00 CS	8:00 CS	8:00 BS	2:00 CS	8:00 CS	8:00 BS	12:00 CS	8:30 BS	1:30 CS	1:30 BS
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.5	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.4	2.4	2.5	2.5	2.5	2.5	2.7	2.7	3.0	2.6	3.0	3.1	
TIME & INITIALS:	1:00 CS	2:00 BS	5:30 CS	1:30 CS	2:00 BS	5:00 CS	2:30 CS	2:30 BS	4:30 CS	4:45 BS	5:00 CS	1:30 CS	2:00 BS	5:00 CS	5:00 BS	9:00 CS	9:30 BS	10:30 CS	1:30 BS	5:30 CS	

9/26 Fixed hole in feeder Pipe - lower Right Side P

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS
 ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS
 RECORD ALL FILTER REPLACEMENTS and/or CLEANING

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #2

INITIAL AND TIME STAMP

MONDAY'S DATE: 9/17/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

AFTER EACH INSPECTION

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower

CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/NO cyclone plugged, backed-up

FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY					
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd			
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.9	2.2	2.3	2.4	2.2	2.8	2.3	2.5	2.6	2.5	2.5	2.5	2.7	2.7	2.5	2.6	2.7	2.4	2.8	2.8	2.1			
TIME & INITIALS:	CS 7:30	RS 8:30	LS 11:30	CS 8:00	RS 9:00	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30			
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.9	2.2	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.6	2.5	2.7	2.5	2.6	2.7	2.4	2.8	2.8	2.1			
TIME & INITIALS:	CS 7:30	RS 8:30	LS 11:30	CS 8:00	RS 9:00	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30	CS 7:30	RS 8:30	LS 11:30			

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS
ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

9/13/16 5 pm ✓ Fixed hole in Feed pipe Right side
 9/16/16 7:30 AM ✓ Fixed hole in Feed pipe Right side
 9/17/16 1:30 pm ✓ Fixed hole in Feed pipe Right side

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #2

INITIAL AND TIME STAMP

MONDAY'S DATE: 9/11/16 CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

AFTER EACH INSPECTION

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/NO cyclone plugged, backed-up

FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.8	1.9	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
TIME & INITIALS:	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.9	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
TIME & INITIALS:	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00	CS 1:30	CS 2:30	CS 3:00

RECORD ALL FINDINGS AND CORRECTIVE ACTIONS

ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

*SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

BEAD PLANT DAILY DUST CONTROL LOG

FURNACE #2

INITIAL AND TIME STAMP

MONDAY'S DATE: 8/24/16

CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)

AFTER EACH INSPECTION

EXHAUST EMISSIONS: YES/NO visible particulate leaving blower
 CULLET FEED LEAKS: YES/NO feed/emissions leaking from elevator, pipes, splitters
 CYCLONE: YES/NO cyclone plugged, backed-up

EXPLAIN ANY "YES" CHECK IN NOTES WITH CORRECTIVE ACTION

FILTER BOX PRESSURE DROP: Record reading: NOT TO BE OUTSIDE OF 0.3" - 3.0"

MAKE NOTE IN COLUMN IF FURNACE IS SHUT DOWN

	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			SUNDAY		
	1st	2nd	3rd	1st	2nd	3rd															
First Shift 7AM-3PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Second Shift 3PM-11PM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Third Shift 11PM-7AM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.6	1.6	1.8	1.8	1.8	1.9	2.0	2.0	2.0	2.0	1.9		
TIME & INITIALS:	8:20 8:30	8:30 8:30	8:30 8:30	8:45 8:45	8:45 8:45	8:45 8:30	8:30 8:30														
EXHAUST EMISSIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CULLET FEED LEAKS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYCLONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRESSURE DROP	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.5	1.8	1.7	1.7	1.9	2.1	1.7	2.0	2.1	1.8		
TIME & INITIALS:	8:30 8:30																				

8/30/16 745AM ✓ Fired hole in Feedline Right-side
 9/14/16 730AM ✓ Fired 2 holes in Feedline left-side

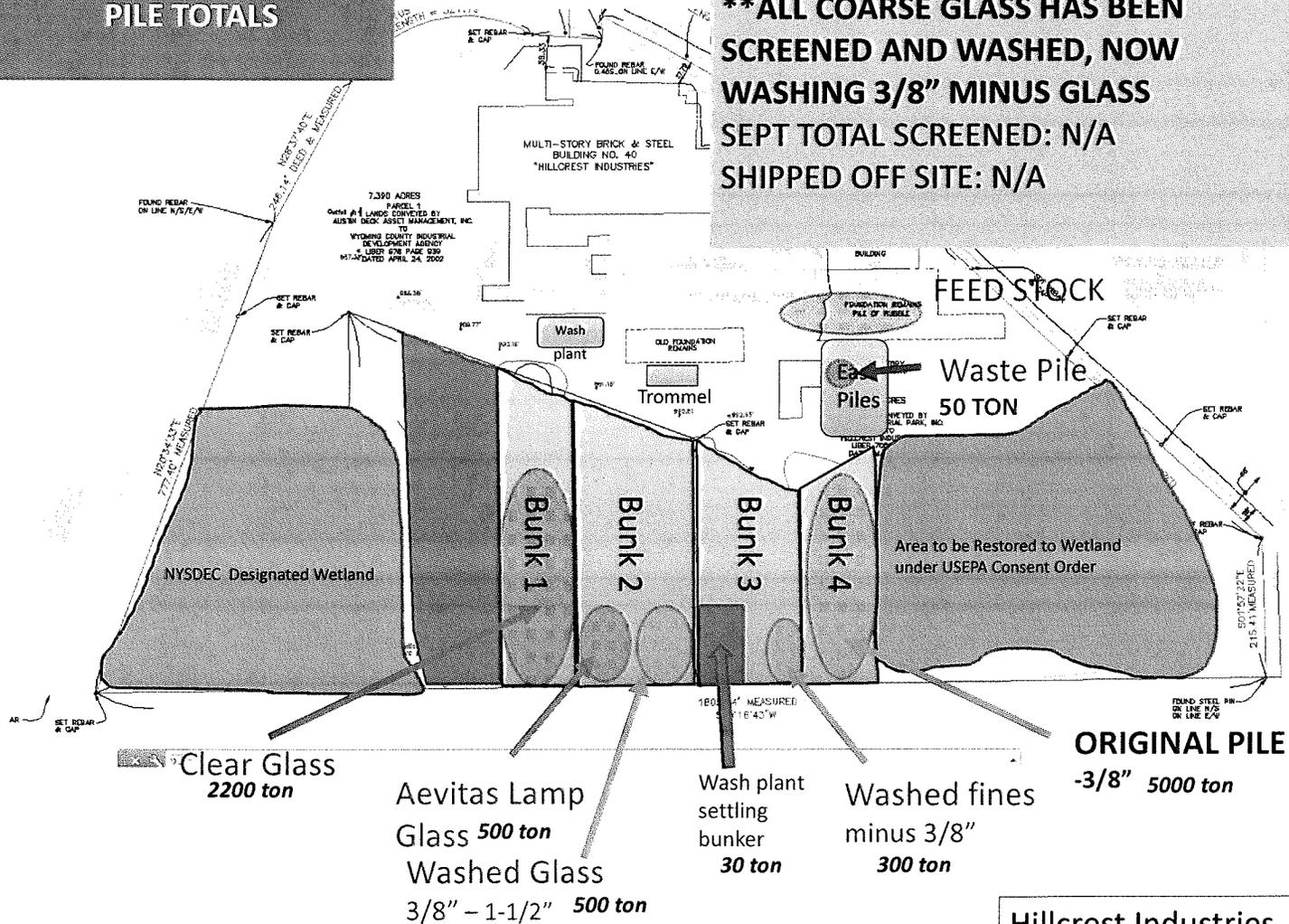
RECORD ALL FINDINGS AND CORRECTIVE ACTIONS
 ALL RECORDINGS MUST HAVE DATE, TIME & INITIALS
 RECORD ALL FILTER REPLACEMENTS and/or CLEANING
 Note: Within 12 hours of FILTER CHANGES run "BLACK BOARD" check to insure filters are seated properly- note results!
 QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY
 *SEE FURNACE ROOM LOG FOR HOUSEKEEPING CHECKS

HILLCREST INDUSTRIES WASTE REPORT						
		FINES			LARGE GLASS/ PLASTIC	
Date	Ticket #	106037NY	106038NY	109831NY	Cover	Price/Ton
		TONS			TONS	
2-Aug-16	862502	33.05				
12-Aug-16	863618	30.28				
12-Aug-16	863657	32.38				
12-Aug-16	863705	32.93				
31-Aug-16	865498	28.71				
31-Aug-16	865528	29.42				
	August Total	186.77	TON			
1-Sep-16	865623				24.65	
1-Sep-16	865651				36.41	
1-Sep-16	865677				34.12	
1-Sep-16	865680				36.28	
1-Sep-16	865717				33.31	
1-Sep-16	865719				34.63	
1-Sep-16	865724				35.05	
2-Sep-16	865731				35.24	
2-Sep-16	865732				33.99	
2-Sep-16	865770				37.6	
2-Sep-16	865771				35.72	
2-Sep-16	865801				31.57	
2-Sep-16	865802				34.33	
2-Sep-16	865827				34.41	
2-Sep-16	865830				36.29	
2-Sep-16	865831				38.01	
2-Sep-16	865867				34.12	
2-Sep-16	865868				32.34	
6-Sep-16	865899				33.04	
6-Sep-16	865930				34.87	
6-Sep-16	865968				38.22	
6-Sep-16	865977				35.55	
6-Sep-16	865995				36.55	
6-Sep-16	866006				35.59	
6-Sep-16	866008				34.28	
16-Sep-16	867177				34.08	
16-Sep-16	867127				26.09	
16-Sep-16	P/L 21556	(no Slip from Riga Yet)				
	September Total				926.34	TON

**SEPTEMBER 2016 END
PILE TOTALS**

3/8" minus changes

**** ALL COARSE GLASS HAS BEEN
SCREENED AND WASHED, NOW
WASHING 3/8" MINUS GLASS
SEPT TOTAL SCREENED: N/A
SHIPPED OFF SITE: N/A**



**Clear Glass
2200 ton**

**Aevitas Lamp
Glass 500 ton
Washed Glass
3/8" - 1-1/2" 500 ton**

**Wash plant
settling
bunker
30 ton**

**Washed fines
minus 3/8"
300 ton**

**ORIGINAL PILE
-3/8" 5000 ton**

Hillcrest Industries, Inc.