Hillcrest Industries, Inc.
40 Favor Street
Attica, NY 14011

May 10, 2015

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. 12-47
R9-20120806-98
April 2015

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:

Condition 23. Slag off-site shipment complete. Area has been graded.

Condition 26. Construction of the remainder of the cap has commenced in April and will be completed in 2015.

As noted previously, there is a delay in receipt of invoices for material sent off site for disposal. A summary of materials shipped of site for which Hillcrest has been invoiced is enclosed. Copies of all shipping documents and invoices will continue to be available for review by the on-site monitor.

Copies of Daily Logs as well as a new inventory estimate are enclosed.

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

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

Sincerely,

for

Daniel Kirsch

enc.

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

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 3/30/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 3rd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	.8		.8		.9		.9		.9		1.1		1.1	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	.8		.8		1.0		1.0		1.1		1.3		1.3	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL		CL		CL		CL		CL		BG			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.9		.9		.9		.9		1.1			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0		1.1		1.1		1.3			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	CL		CL		CL		CL		CL		BG			

Record ALL findings and corrective actions DATE, TIME & INITIALS
RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3-31/15 6:15 Am CL Fixed hole in Feed pipe on H1

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/6/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 3rd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumulation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.9		1.1		1.3		1.3		1.3		1.5			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.0		1.2		1.3		1.3		1.3		1.5			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	CL		CL		CL		CL		CL		CL			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.0		1.2		1.5		1.5		1.3		1.5			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.1		1.3		1.4		1.3		1.3		1.5			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	CL		CL		CL		CL		CL		CL			

Record All findings and corrective actions: **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

4/9/15 6:30AM CL Fixed hole in Feed pipe #2

4/10/15 2:15AM CL Fixed hole in feed pipe #1

[illegible] 6:15 AM CL [illegible] feed pipe #

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/13/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 3rd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.3		1.5		1.6		1.6		1.8		1.7		2.0	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.2		1.3		1.6		1.6		1.7		1.7		1.8	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL		CL		CL 2:00 AM		CL 2:25 AM		CL 2:30 AM		CL 2:15 AM		P 1:30	
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.3		1.5		1.6		1.6		1.8		1.7		2.0	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.3		1.3		1.6		1.6		1.7		1.7		1.8	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL		CL		CL [illegible]		CL [illegible]		CL [illegible]		CL [illegible]		[illegible]	

Record ALL findings and corrective actions **DATE, TIME & INITIALS**
RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

4/16/15 CL [illegible] Fixed hole on #1

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/20/16 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** **3rd Shift**

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.5		1.5		1.5		1.5		1.8		1.8			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.9		1.4		1.6		1.8		1.7		1.9			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	CL 2:15AM		CL 2:45AM		CL 2:20AM		CL 2:30AM		CL 2:30AM		CL 2:30AM			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.4		1.5		1.7		1.8		1.8		1.8			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.4		1.5		1.6		1.7		1.7		1.8			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	CL [illegible]		CL [illegible]		CL [illegible]		CL [illegible]		CL [illegible]		CL [illegible]			

Record ALL findings and corrective actions **DATE, TIME & INITIALS**
RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/27 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 3rd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.5		1.5		1.6		1.6		1.6		1.6		1.6	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.5		1.6		1.7		[illegible]		1.7		1.6		1.6	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL 2:30AM		CL 2:45AM		CL 2:00AM		CL 2:20AM		CL 2:00AM		[illegible]		[illegible]	
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.6		1.6		1.6		1.7		1.6		1.7	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.5		1.6		1.6		1.6		1.7		1.6		1.7	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	CL 6:50AM		CL [illegible]		CL [illegible]		[illegible]		[illegible]		[illegible]		[illegible]	

Record ALL findings and corrective action: DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

4/29/15 8:55 AM CL

Fixed ~~[illegible]~~ Feeder pipes on #1 and #2

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 3/30/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 2nd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.7		.9		.9		1.0		1.0		1.1			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.8		1.0		1.0		1.2		1.3			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	BG		BG		BG		BG		BG		CL			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.9		.9		.9		1.0		1.1		1.1			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.8		1.1		1.0		1.3		1.2			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	CL		BG		BG		BG		BG		CL			

Record ALL findings and corrective actions DATE, TIME & INITIALS
RECORD ALL FILTER REPLACEMENTS and/or CLEANING
PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM
PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE
QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

3 2515 - 4:00PM Cleaned Pre-Filters
Mains look good CL

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/6/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 2nd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.1		1.3		1.3		1.3		1.4		1.7			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.1		1.3		1.3		1.3		1.5		1.7			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	BB		BB		BB		BB		BB		BB			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.2		1.3		1.4		1.4		1.4		1.6			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.2		1.3		1.3		1.3		1.5		1.7			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	BB		BB		BB		BB		BB		BB			

Record ALL findings and corrective actions: DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/13/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 2nd Shift

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.6		1.7		1.6		1.7		1.8		1.9			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.4		1.5		1.7		1.7		1.8		2.0			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	BB		BB 4pm		BB 5pm		BB 5pm		BB 7pm		BB 6pm			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.6		1.6		1.6		1.7		1.9		1.9			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.4		1.5		1.7		1.7		1.8		2.0			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	BB		BB 10-4 3pm		BB 10-3		BB 10-3		BB 10pm		BB 9pm			

Record ALL findings and corrective actions DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/26/15 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 2nd **Shift**

EXHAUST EMISSIONS: YES/ visible particulate leaving blower
CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters
CYCLONE: YES/ cyclone plugged, backed-up
DECK/ROOF & SURROUNDING AREA: YES/ accumulation of feed or particulate

CHECK CRITERIA for each, initial after
EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
		FILTER PRESSURE DROP (" H_2O)	1.5		1.6		1.7		1.5		1.6					
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
		FILTER PRESSURE DROP (" H_2O)	1.5		1.5		1.8		1.5		1.9					
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓				✓				
		SURROUNDING AREA		✓		✓		✓				✓				
		INITIALS:	BS 4:20		BS 4:20		BS 4:20		BS 4:20		BS 4:20					
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
		FILTER PRESSURE DROP (" H_2O)	1.5		1.6		1.8		1.5		1.9					
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
		FILTER PRESSURE DROP (" H_2O)	1.5		1.5		1.8		1.5		1.9					
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓				
		SURROUNDING AREA		✓		✓		✓		✓		✓				
		INITIALS:	BS 4:20		BS 4:20		BS 4:20		BS 4:20		BS 4:20					

Record All findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

BEAD PLANT DAILY DUST CONTROL LOG

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/27 **CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY)** 2nd **Shift**

EXHAUST EMISSIONS: YES/ visible particulate leaving blower

CULLET FEED LEAKS: YES/ feed/emissions leaking from elevator, pipes, splitters

CYCLONE: YES/ cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: YES/ accumlation of feed or particulate

CHECK CRITERIA for each, initial after

EXPLAIN ANY YES CHECK IN NOTES

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				✓
		CYCLONE		✓		✓		✓		✓		✓				✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.7		1.9		1.7		1.6					
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				✓
		CULLET FEED LEAKS		✓						✓		✓				✓
		CYCLONE		✓		✓		✓		✓		✓				✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.7		1.6		1.7		1.6					
	HOUSE-KEEPING	DECK / ROOF		✓		✓				✓		✓				✓
		SURROUNDING AREA		✓		✓				✓		✓				
		INITIALS:	BB 4.20		BB 4.20		BB 4.20		BB 4.20		BB 4.20					
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.7		1.7		1.7		1.6		1.6		1.6	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.7		1.7		1.9		1.7		1.6		1.6		1.6	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	BB 7.30		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	

Record all findings and corrective actions **DATE, TIME & INITIALS**

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 5/30/15 CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY) 1st Shift

EXHAUST EMISSIONS: / visible particulate leaving blower

CULLET FEED LEAKS: / feed/emissions leaking from elevator, pipes, splitters

CYCLONE: / cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: / accumulation of feed or particulate

CHECK CRITERIA for each, initial after

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0		1.0		1.0		1.1			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0		1.1		1.2		1.3			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		CL			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0		1.0		1.1		1.1			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	.8		.9		1.0		1.1		1.3		1.3			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]			

DATE, TIME & INITIALS

RECORD [illegible] FILTER REPLACEMENTS and/or CLEANING

[illegible] BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP LEVEL TO BE OUTSIDE 1.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/6/15 CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY) 1st Shift

EXHAUST EMISSIONS: / visible particulate leaving blower

CULLET FEED LEAKS: / feed/emissions leaking from elevator, pipes, splitters

CYCLONE: / cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: / accumulation of feed or particulate

CHECK CRITERIA for each, initial after

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.2		1.2		1.4		1.5		1.5		1.6		1.5	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.2		1.3		1.3		1.5		1.4		1.6		1.5	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.2		1.3		1.4		1.5		1.5		1.7		1.5	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.2		1.3		1.3		1.4		1.4		1.7		1.5	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	

DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

INITIAL PRESSURE DROP FILTER TO BE WITHIN 1.0" - 3.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

4/9 Furnace small hole [illegible] side

furnace #1

Furnace small hole [illegible] side

[illegible] #1

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/15/15 CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY) 1st Shift

EXHAUST EMISSIONS: / visible particulate leaving blower

CULLET FEED LEAKS: / feed/emissions leaking from elevator, pipes, splitters

CYCLONE: / cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: / accumlation of feed or particulate

CHECK CRITERIA for each, initial after

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.5		1.5		1.7		1.7		1.5		1.7			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.4		1.4		1.7		1.7		1.7		1.7			
	HOUSE-KEEPING	DECK / ROOF		✓				✓		✓		✓		✓		
		SURROUNDING AREA		✓				✓		✓		✓		✓		
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]			
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.5		1.7		1.7		1.5		1.8		1.7			
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		
		CYCLONE		✓		✓		✓		✓		✓		✓		
		FILTER PRESSURE DROP (" H_2O)	1.4		1.6		1.7		1.7		1.7		1.7			
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]			

DATE, TIME & INITIALS

RECORD [illegible] REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE GAUGE NEEDLE TO BE OUTSIDE 3.0" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/20 CHECK CRITERIA TWICE PER SHIFT (6 TIMES PER DAY) 1st Shift

EXHAUST EMISSIONS: / visible particulate leaving blower

CULLET FEED LEAKS: / feed/emissions leaking from elevator, pipes, splitters

CYCLONE: / cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: / accumlation of feed or particulate

CHECK CRITERIA for each, initial after

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
FIRST INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.6		1.7		1.8		1.9		1.8		1.8	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.4		[illegible]		[illegible]		1.4		[illegible]		1.8		1.4	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	[illegible]		[illegible]		9.40		[illegible]		[illegible]		PB 7.00		[illegible]	
SECOND INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.6		1.8		1.8		[illegible]		2.0		1.8	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓		✓		✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓		✓		✓
		CYCLONE		✓		✓		✓		✓		✓		✓		✓
		FILTER PRESSURE DROP (" H_2O)	1.4		1.5		1.7		1.9		[illegible]		1.7		1.5	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓		✓		✓
		SURROUNDING AREA		✓		✓		✓		✓		✓		✓		✓
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	

DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

[illegible] TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE [illegible] - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4/27 CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

1st Shift

EXHAUST EMISSIONS: / visible particulate leaving blower

CULLET FEED LEAKS: / feed/emissions leaking from elevator, pipes, splitters

CYCLONE: / cyclone plugged, backed-up

DECK/ROOF & SURROUNDING AREA: / accumlation of feed or particulate

CHECK CRITERIA for each, initial after

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				✓
		CYCLONE		✓		✓		✓		✓		✓				✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.7		1.8		1.8		1.8				1.7	
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				✓
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				✓
		CYCLONE		✓		✓		✓		✓		✓				✓
		FILTER PRESSURE DROP (" H_2O)	1.6		1.7		1.8		1.7		1.7				1.7	
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓				✓
		SURROUNDING AREA		✓		✓		✓		✓		✓				✓
		INITIALS:	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]				[illegible]	
PM INSPECTION	FURNACE 1	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
		FILTER PRESSURE DROP (" H_2O)	1.7		1.7		1.8		1.8		1.7					
	FURNACE 2	EXHAUST EMISSIONS		✓		✓		✓		✓		✓				
		CULLET FEED LEAKS		✓		✓		✓		✓		✓				
		CYCLONE		✓		✓		✓		✓		✓				
		FILTER PRESSURE DROP (" H_2O)	1.6		1.7		1.8		1.8		1.7					
	HOUSE-KEEPING	DECK / ROOF		✓		✓		✓		✓		✓				
		SURROUNDING AREA		✓		✓		✓		✓		✓				
		INITIALS:	[illegible]				[illegible]		[illegible]		[illegible]					

[illegible] DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS and/or CLEANING

PRE-FILTERS TO BE CLEANED WEEKLY AT MINIMUM

PRESSURE DROP NEVER TO BE OUTSIDE 0.5" - 5.0" RANGE

QUARTERLY INSPECTION: DROP-BOX VEINS, CYCLONE INTEGRITY

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: wens. 4-1-15 CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

EXHAUST EMISSIONS: / visible particulate leaving blower/air exits

BUILDING EMISSIONS: / feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading:

DRIER FILTER BOX: Record pressure drop:

AIR FLOW DIRECTION: / Air moving from inside building to outside

Check with streamers attached to doors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading:

RECORD: When a pressure drop is outside range and note the corrective action. I.E. Filter replacement, shaking baghouse/emptying hoppers

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS						X		X		X		X		
		PRESSURE DROP (" H_2O)					2.8		1.4		2.8		1.8			
	DRIER Emission Control	EXHAUST EMISSIONS						X		X		X		X		
		FILTER BOX PRESSURE DROP					—		—		—		—			
		BAGHOUSE PRESSURE DROP					—		—		—		—			
	BUILDING EMISSIONS							X		X		X		X		
	OVERHEAD DOOR AIR FLOW							X		X		X		X		
	EAST MAN DOOR AIR FLOW							X		X		X		X		
	SOUTH MAN DOOR AIR FLOW							X		X		X		X		
	INITIALS:						BK		BK		BK		BK			
PM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS						X		X		X		X		
		PRESSURE DROP (" H_2O)					3.2		2.0		3.0		2.6			
	DRIER Emission Control	EXHAUST EMISSIONS						X		X		X		X		
		FILTER BOX PRESSURE DROP					—		—		—		—			
		BAGHOUSE PRESSURE DROP					—		—		—		—			
	BUILDING EMISSIONS							X		X		X		X		
	OVERHEAD DOOR AIR FLOW							X		X		X		X		
	EAST MAN DOOR AIR FLOW							X		X		X		X		
	SOUTH MAN DOOR AIR FLOW							X		X		X		X		
	INITIALS:						BK		BK		BK		BK			

ALL RECORDING MUST HAVE DATE, TIME & INITIALS

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY VELOCITY READING THROUGH DOORWAY

MONTHLY OUTDOOR BAGHOUSE DYE CHECK

4/1 Dryer water full on gauges. BK

4/2 Dryer water full on gauges. BK.

4/2 Shook bag house #5 check O.K. Bob

4/4 Shook bag house #5 check o.k. Bb

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4-6-15 CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

EXHAUST EMISSIONS: / visible particulate leaving blower/air exits

BUILDING EMISSIONS: / feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading:

DRIER FILTER BOX: Record pressure drop:

AIR FLOW DIRECTION: / Air moving from inside building to outside

Check with streamers attached to doors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading:

RECORD: When a pressure drop is outside range and note the corrective action. I.E. Filter replacement, shaking baghouse/emptying hoppers

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		PRESSURE DROP (" H_2O)	3.0		3.6		3.4		3.8		2.0		2.6		1.4	
	DRIER Emission Control	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		FILTER BOX PRESSURE DROP	—		—		—		—		—		—		—	
		BAGHOUSE PRESSURE DROP	—		—		—		—		—		—		—	
	BUILDING EMISSIONS			X		X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	INITIALS:		BK		BK		BK		BK		BK		BK		BK	
PM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		PRESSURE DROP (" H_2O)	3.2		2.4		3.4		3.8		2.2		2.8		2.0	
	DRIER Emission Control	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		FILTER BOX PRESSURE DROP	—		—		—		—		—		—		—	
		BAGHOUSE PRESSURE DROP	—		—		—		—		—		—		—	
	BUILDING EMISSIONS			X		X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	INITIALS:		BK		BK		BK		BK		BK		BK		BK	

ALL RECORDINGS [illegible]

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY VELOCITY READING THROUGH DOORWAY

MONTHLY OUTDOOR BAGHOUSE DYE CHECK

4/6 water Fall in dryer gauges. BK

4/7 ↑

4/7 Shook bag house #5 Check o.k. Bob

4/8 water Dryer Dust

4/9 " " "

4/10 Shook bag house check. o.k. Bob

4/12 Shook bag house Check o.k. Bob

4/8 Door Air Velocity 215 ft/min BK

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4-13-15 CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

EXHAUST EMISSIONS: / visible particulate leaving blower/air exits

BUILDING EMISSIONS: / feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading:

DRIER FILTER BOX: Record pressure drop:

AIR FLOW DIRECTION: / Air moving from inside building to outside

Check with streamers attached to doors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading:

RECORD: When a pressure drop is outside range and note the corrective action. I.E. Filter replacement, shaking baghouse/emptying hoppers

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		PRESSURE DROP (" H_2O)	2.4		3		1.4		2.2		1.4		3.2		1.5	
	DRIER Emission Control	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		FILTER BOX PRESSURE DROP	—		—						—		—		—	
		BAGHOUSE PRESSURE DROP	—		—				—		—		—			
	BUILDING EMISSIONS			X		X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	INITIALS:		DK		6:30 DK	AM	DK		DK		7:30 DK	AM	5:0 DK		7:30 DK	
PM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		PRESSURE DROP (" H_2O)	2.8		3.8		1.6		2.0		2.0		3.4		1.2	
	DRIER Emission Control	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		FILTER BOX PRESSURE DROP	—		—		—		—		—		—		—	
		BAGHOUSE PRESSURE DROP	—		—		—		—		—		—		—	
	BUILDING EMISSIONS			X		X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	INITIALS:		[illegible]		DK 3:00		[illegible]				[illegible]		[illegible]		[illegible]	

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY [illegible] READING [illegible] DOOR SAY

MONTHLY OUTDOOR [illegible] BY [illegible]

Changed [illegible] on dust [illegible] 4/13

4/13 Shook bag [illegible] Check [illegible]

4/17 Shook bag house check [illegible] 7 AM

4/19/15 [illegible]

4/17 Duct Velocity = 220 fpm DK

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: [illegible] CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

EXHAUST EMISSIONS: / visible particulate leaving blower/air exits

BUILDING EMISSIONS: / feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading:

DRIER FILTER BOX: Record pressure drop:

AIR FLOW DIRECTION: / Air moving from inside building to outside

Check with streamers attached to doors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading:

RECORD: When a pressure drop is outside range and note the corrective action. i.e. Filter replacement, snaking baghouse/emptying hoppers

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		PRESSURE DROP (" H_2O)	2.8		3.2		1.8		2.1		3.1		1.[illegible]		2.4	
	DRIER Emission Control	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		FILTER BOX PRESSURE DROP	—		—		—		—		—		—		—	
		BAGHOUSE PRESSURE DROP	—		—		—		—		—		—		—	
	BUILDING EMISSIONS			X		X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	INITIALS:		6[illegible] DL		6[illegible] DL		7[illegible] DL		[illegible] DL		7[illegible] DL		7[illegible] DL		[illegible] DL	
PM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		PRESSURE DROP (" H_2O)	3.0		3.2		2.2		3.0		3.2		2.2		2.4	
	DRIER Emission Control	EXHAUST EMISSIONS		X		X		X		X		X		X		X
		FILTER BOX PRESSURE DROP	—		—		—		—		—		—		—	
		BAGHOUSE PRESSURE DROP	—		—		—		—		—		—		—	
	BUILDING EMISSIONS			X		X		X		X		X		X		X
	OVERHEAD DOOR AIR FLOW			X		X		X		X		X		X		X
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	SOUTH MAN DOOR AIR FLOW			X		X		X		X		X		X		X
	INITIALS:		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		300		[illegible]	

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY VELOCITY READING THROUGH DOOR WAY

MONTHLY OUTDOOR BAGHOUSE DYE CHECK

4/22/15 [illegible] bag house #5 check o.k. D.L.

4/25/15 Check bag house #5 check o.k. D.L.

Dust hauled 4/27: 225# [illegible]

START NEW SHEET FOR NEW MONTH

MONDAY'S DATE: 4-29-15 CHECK CRITERIA TWICE DAILY (DAY & NIGHT)

EXHAUST EMISSIONS: / visible particulate leaving blower/air exits

BUILDING EMISSIONS: / feed/emissions escaping, including elevator house

OUTSIDE BAGHOUSE PRESSURE DROP: Record reading:

DRIER FILTER BOX: Record pressure drop:

AIR FLOW DIRECTION: / Air moving from inside building to outside

Check with streamers attached to doors and/or supplied flagged pole

DRIER BAGHOUSE PRESSURE DROP: Record reading:

RECORD: When a pressure drop is outside range and note the corrective action. I.E. Filter replacement, shaking baghouse/emptying hoppers

CHECK EACH CRITERIA, initial after

			MON		TUES		WED		THUR		FRI		SAT		SUN	
			Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
AM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X		X				X		X		X		✓
		PRESSURE DROP (" H_2O)	1.8		1.4		1.7		2.4		1.8		2.1		2.1	
	DRIER Emission Control	EXHAUST EMISSIONS		✓				✓		X		X		X		✓
		FILTER BOX PRESSURE DROP	—		—		—		—		—		—		—	
		BAGHOUSE PRESSURE DROP	—				—		—		—		—		—	
	BUILDING EMISSIONS			✓		✓		✓		X		X		X		✓
	OVERHEAD DOOR AIR FLOW			✓		X		✓		X		✓		✓		✓
	EAST MAN DOOR AIR FLOW			X				✓		X		X		✓		X
	SOUTH MAN DOOR AIR FLOW									X		✓		X		X
	INITIALS:		DK				DK		DK		DK		DK		DK	
PM INSPECTION	OUTSIDE BAG-HOUSE	EXHAUST EMISSIONS		X				X		X		X		X		
		PRESSURE DROP (" H_2O)	2.0		2.0		2.0		2.0		2.0		2.0			
	DRIER Emission Control	EXHAUST EMISSIONS		X		✓		X		X		X		X		
		FILTER BOX PRESSURE DROP	—		—		—		—		—		—			
		BAGHOUSE PRESSURE DROP	—		—		—		—		—		—			
	BUILDING EMISSIONS			✓		✓		✓		X		X		X		
	OVERHEAD DOOR AIR FLOW			✓		X		X		X		X		X		
	EAST MAN DOOR AIR FLOW			X		X		X		X		X		✓		
	SOUTH MAN DOOR AIR FLOW			✓		X		✓		X		X		X		
	INITIALS:															

ALL RECORDINGS MUST HAVE Date, Time & INITIALS

RECORD ALL FILTER REPLACEMENTS & CLEANING

WEEKLY VELOCITY READING THROUGH DOORWAY

MONTHLY OUTDOOR BAGHOUSE DYE CHECK

Shook bag house #5
Check OK DK 4/27

Shook bag house #5
Check OK DK 4/28

Inspect Baghouse. No leaks
ADK 4-29-15

Shook bag house #5
Check OK DK 4/1/15

Door Velocity: 210 ft/min DK 4/29

Hillcrest Solid waste to Waste Management

Glass dust fines 106037NY

3/23/2015	25.74
March	**25.74 ton**

Hillcrest Solid waste to Waste Management

Waste Plastic 106038NY

3/23/2015	810967	28.36
3/24/2015	811042	27.16
3/24/2015	811082	31.87
3/24/2015	811141	36.43
3/25/2015	811211	35.04
3/25/2015	811258	37.21
3/25/2015	811317	33.16
3/26/2015	811359	35.97
3/26/2015	811395	32.62
3/26/2015	811440	34.53
3/27/2015	811527	35.69
3/27/2015	811569	34.56
3/27/2015	811607	35.94
3/27/2015	811663	35.55
3/30/2015	811742	32.71
3/30/2015	811800	31.14
3/30/2015	811856	35.03
March	**572.97 ton**	

Hillcrest Solid waste to Waste Management

Glass dust fines 106037NY

April through 4/15	**0 ton**

Hillcrest Solid waste to Waste Management

Waste Plastic 106038NY

4/1/2015	812122	31.74
4/1/2015	812123	36.3
4/1/2015	812167	31.89
4/1/2015	812170	32.24
4/1/2015	812223	33.32
4/1/2015	812229	35.03
4/2/2015	812313	34.67
4/2/2015	812318	37.55
4/2/2015	812366	32.9
4/2/2015	812370	33.54
4/2/2015	812401	33.81
4/2/2015	812421	31.62
4/2/2015	812429	33.03
4/3/2015	812485	34.63
4/3/2015	812515	31.54
4/3/2015	812560	30.83
4/6/2015	812634	35.38
4/6/2015	812667	26.69
4/6/2015	812673	35.06
4/6/2015	812706	38.95
4/7/2015	812764	32.62
4/7/2015	812767	34.69
4/7/2015	812794	30.07
4/7/2015	812795	31.88
4/7/2015	812810	34.94
4/7/2015	812832	30.67
4/7/2015	812836	30.18
4/8/2015	812896	27.11
4/8/2015	812897	27.56
4/8/2015	812925	28.91
4/8/2015	812927	29.43
4/8/2015	812990	29.82
4/8/2015	812994	28.35
4/9/2015	813051	31.95
4/9/2015	813091	29.2
4/9/2015	813129	30.61
4/10/2015	813183	35.38
4/10/2015	813185	38.75
4/10/2015	813218	32.91
4/10/2015	813219	27.7
4/10/2015	813259	28.97
4/10/2015	813261	30.57
April through 4/15	**1352.99 ton**	

Material	Pile Footprint	Pile Height	Gross Volume	Perimeter Length	Slope Volume	Pile Volume	Pile Density	Pile Weigth
	Sq. Ft	Ft.	(areaXheight)		(assumes 1.5:1 slope)	Cubic Feet	lbs./cu. Ft.	Tons
			Cu. Feet	Feet				
Slag	0	0	0	0	0	0	60	0
Small Glass	26696	24	640704	520	224640	416064	70	14562.24
Large Glass A	22501	10	225010	696	52200	172810	60	5184.3
Large Glass B	12864	7	90048	351	12899.25	77148.75	60	2314.4625
Large Glass C	0	0	0	0	0	0	60	0
Large Glass D	2490	6	14940	152	4104	10836	60	325.08
Large Glass Total								7823.8425
Glass Total								22386.0825

Note: Although there was no change to piles "Small Glass" and "Large Glass A"
The field measurement of the area and perimeter was slightly different than the previous measurement.
This is due to inaccuracy of the GPS unit and differences in the path walked.

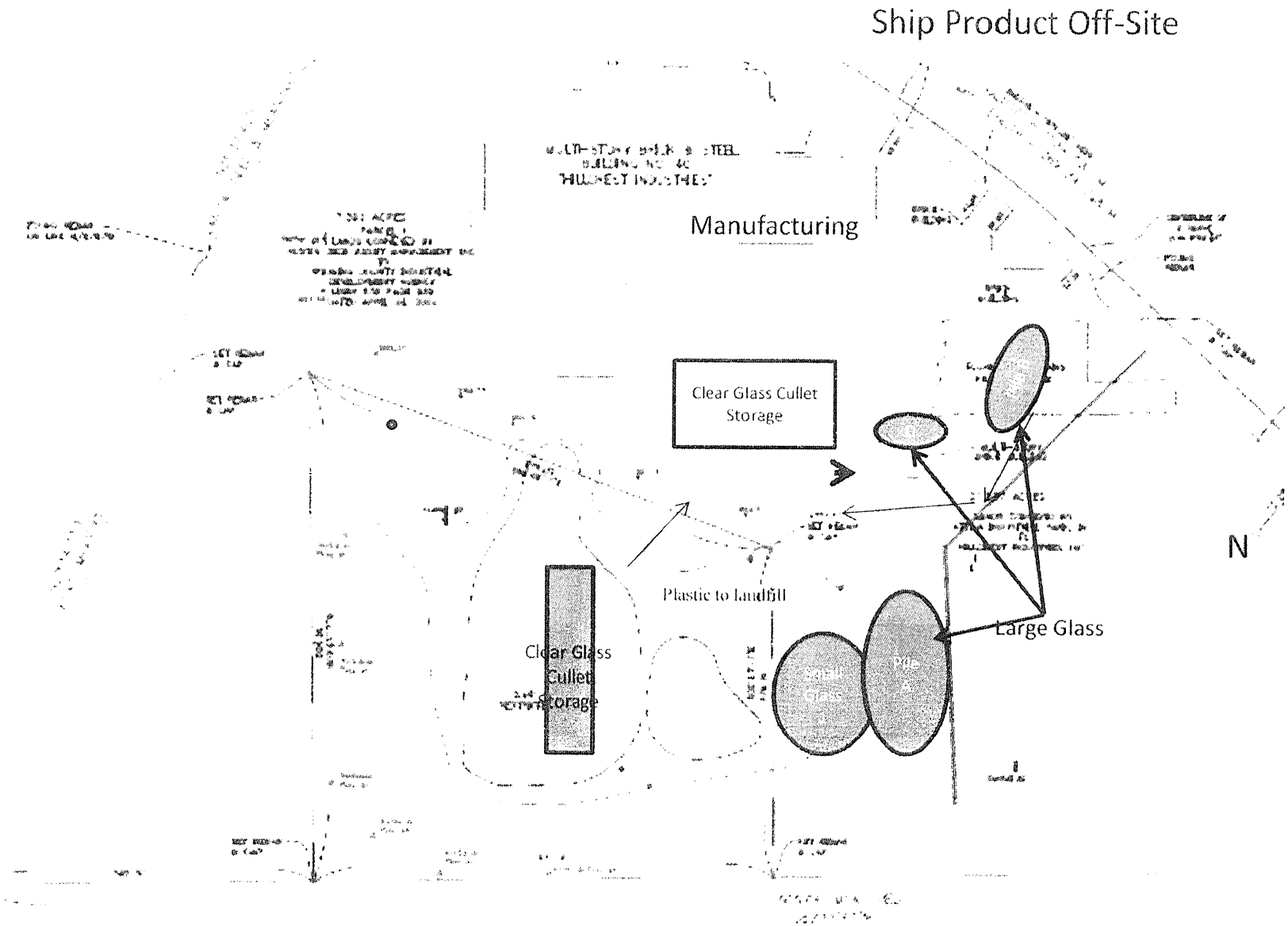

Figure 2

As of 6/1/2014