

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

A089128808

FACILITY: BARK RIVER CONCRETE		SRN / ID: A0891
LOCATION: 1397 HWY 2, BARK RIVER		DISTRICT: Upper Peninsula
CITY: BARK RIVER		COUNTY: DELTA
CONTACT: Paul VanEnkevort , Owner		ACTIVITY DATE: 12/18/2014
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection to determine compliance with PTIs #288-75, 363-07, 21-03, and 49-90		
RESOLVED COMPLAINTS:		

INSPECTION DATES: 12/14/2014 & 4/14/2015

DEQ STAFF: Joseph Scanlan

FACILITY: Bark River Concrete

FACILITY OWNER: Bark River Concrete Products Company

LOCATION: 1397 Highway US2 & 41, Bark River, Delta County

INSPECTION: Bark River Concrete is owned by the four VanEnkevort brothers, Jim, Paul, David, and Don. The last inspection for this facility was initiated on 7/16/2009, however only the gravel crusher was inspected. Paul was my initial contact during my first visit on 12/14/2014. At this time, Paul was unable to answer specific questions about the permits except PTI# 49-90, an unused waste oil furnace located in the front garage. The rest of the PTIs were associated with equipment that was further back on the property and inaccessible at the time due to snow depths. Driveways to the rear yard are not maintained in the winter since the concrete and gravel operations are suspended for the winter season. I returned to the facility on 4/14/2015 and met with Bark River Concrete part-owner Jim VanEnkevort. I went over the four active PTIs with Jim as we toured the property:

1. PTI# 288-75—Dusty Dustless model 36IS concrete silo filter vent:

- This unit is still in use; however it was not in operation at the time of my inspection. Unit is in compliance with permit conditions. Jim was unsure when the last time the bags were replaced, however they are replaced as needed. Fugitive dust plan is in place.

2. PTI# 49-90—Clean Burn Multi Oil Furnace, Model #CB-86-AH:

- This unit is located in the front garage (nearest US-2/US-41) and is still in place; however it has not operated in approximately 3 years. The waste oil tank was empty.

3. PTI#21-03—FG-Furnaces

- EU-Furnace 1 & EU-Furnace 2 are two (2) Shenandoah waste oil heaters, Model#WOF175, 175k BTU/hr. These two units are located in the maintenance garage at the rear yard, nearest the crusher and screen and are still in use. Since waste oil is not generated on the geographical site these units do not qualify for an exemption under [R336.1282].

4. PTI#363-07—Gravel Crushing Plant

- EU-Process: Combination of process equipment (screens, crushers, conveyors, etc.). The unit is not portable and was not in operation at the time of my arrival; had not been used yet this season. Water spray is used for dust control; water is sourced from a retaining pond/flooded quarry on site. The following equipment are listed under PTI# 363-07:

- #1 Turbo Impact Crusher
- #2 Allis Chalmers Jaw
- #3 Vibrating Screen
- #4 Conveyor
- #5 Conveyor

- #6 Conveyor
 - #7 Conveyor
 - #8 Conveyor
 - #9 Feed Hopper
 - #10 Vibration Feeder
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- EU-Truck Traffic: Addresses fugitive dust prevention for all commercial truck areas and unpaved roads, truck delivery to customers, loader traffic associated with processing equipment, and storage pile handling and loading delivery trucks. There were no trucks or loaders active on site at the time of my inspection.

 - EU-Storage: Addresses fugitive dust associated with open area stock piles of various material sizes and product types; water spray is control for fugitive dust and used as necessary.

SUMMARY: Permittee has not been completing satisfactory testing and recordkeeping requirements as required by Special Conditions 1.6 and 1.9 of PTI# 21-03.

Monthly records of the following items are to be kept on file for a minimum of 5 years:

- Amount of oil burned in the furnaces (gallons);
- The amount, date, generator name, and generator location of any used oil collected from off-site locations;
- The total halogen content of all used oil collected from off-site locations.

Monthly records of waste oil usage in the furnaces was nonexistent. There were receipts and sample analyses for waste oil purchased were on record for sporadic dates going back to 2003. The most recent waste oil purchases were for 1000+ gallons supplied by Halron Lubricants Inc. on 2/11/2015 and 3/09/2015 with sample analyses completed on 9/02/2014.

Permittee has failed to complete annual representative sampling analysis for waste or used oil used in the furnaces for parameters listed in Special Condition 1.3 of PTI# 21-03.

There has been a lack of interaction with the permittee and district field staff regarding the waste oil furnaces. Permittee will strive to improve recordkeeping habits and testing requirements to ensure future compliance.

I observed no offensive violations of the PTI conditions and state air pollution control rules during my inspection.

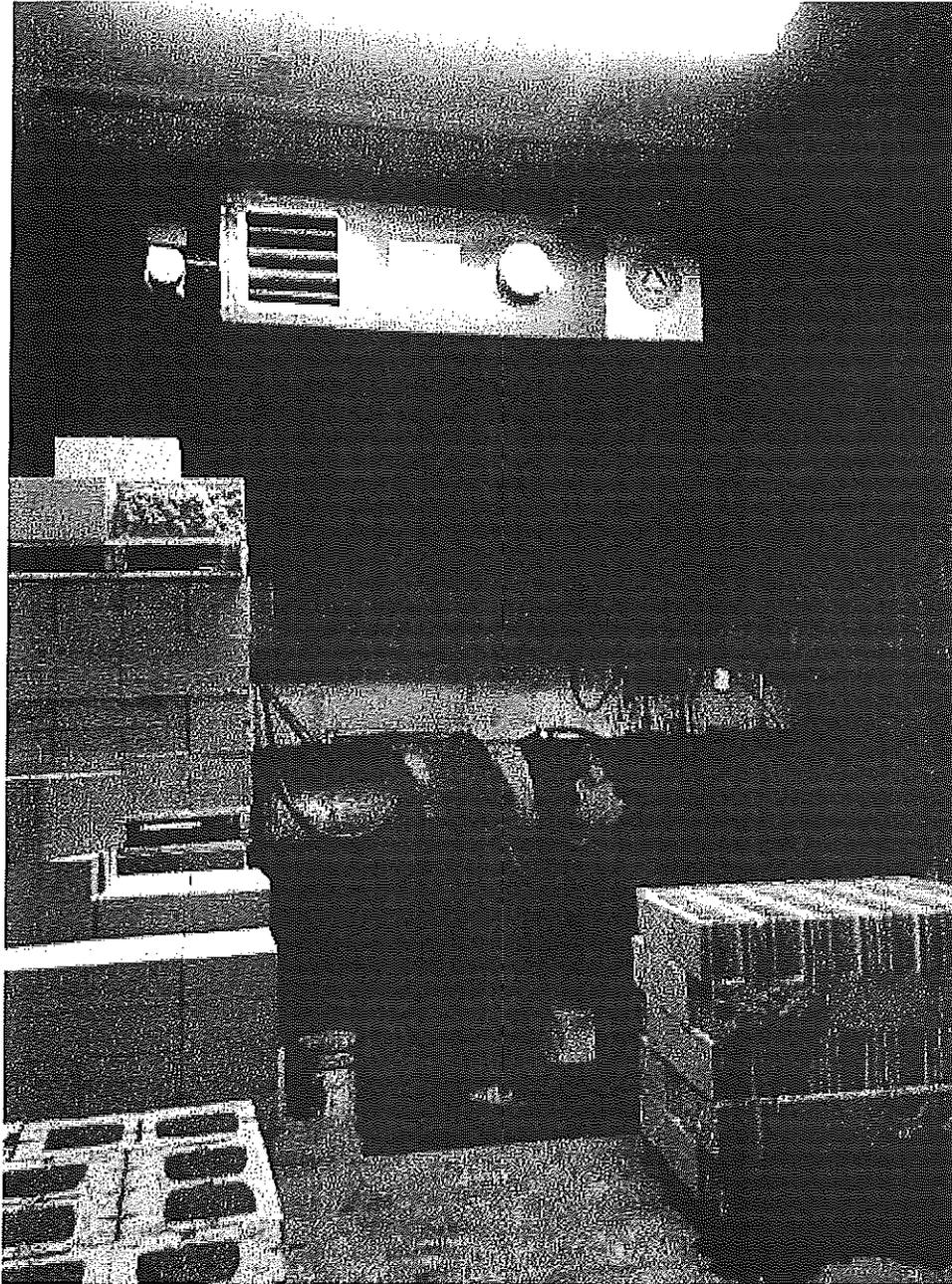


Image 1(brc-01) : Waste oil furnace not in use; regulated under PTI# 49-90

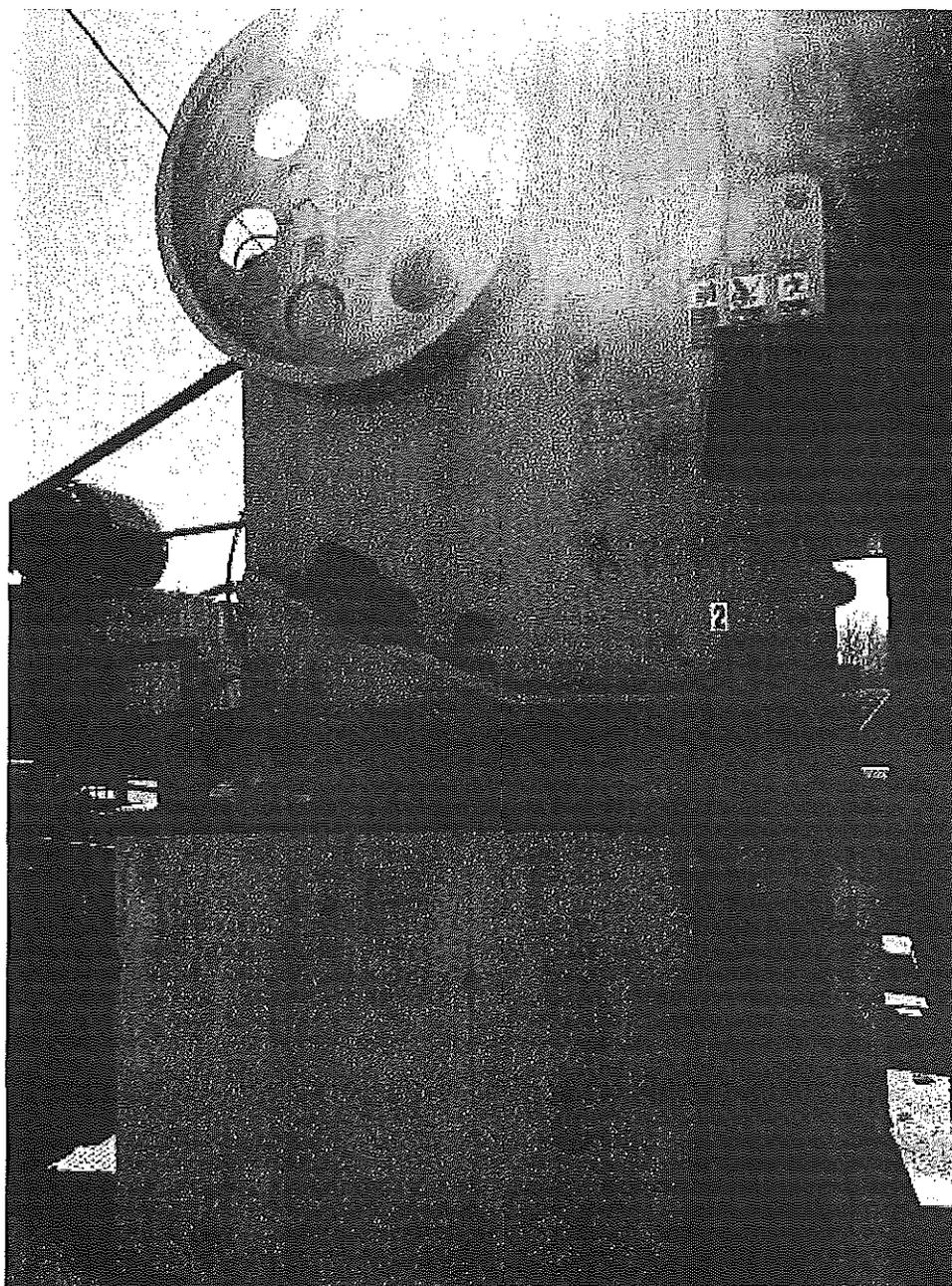


Image 2(brc-02) : Allis Chalmers Jaw Crusher; equipment ID# 2

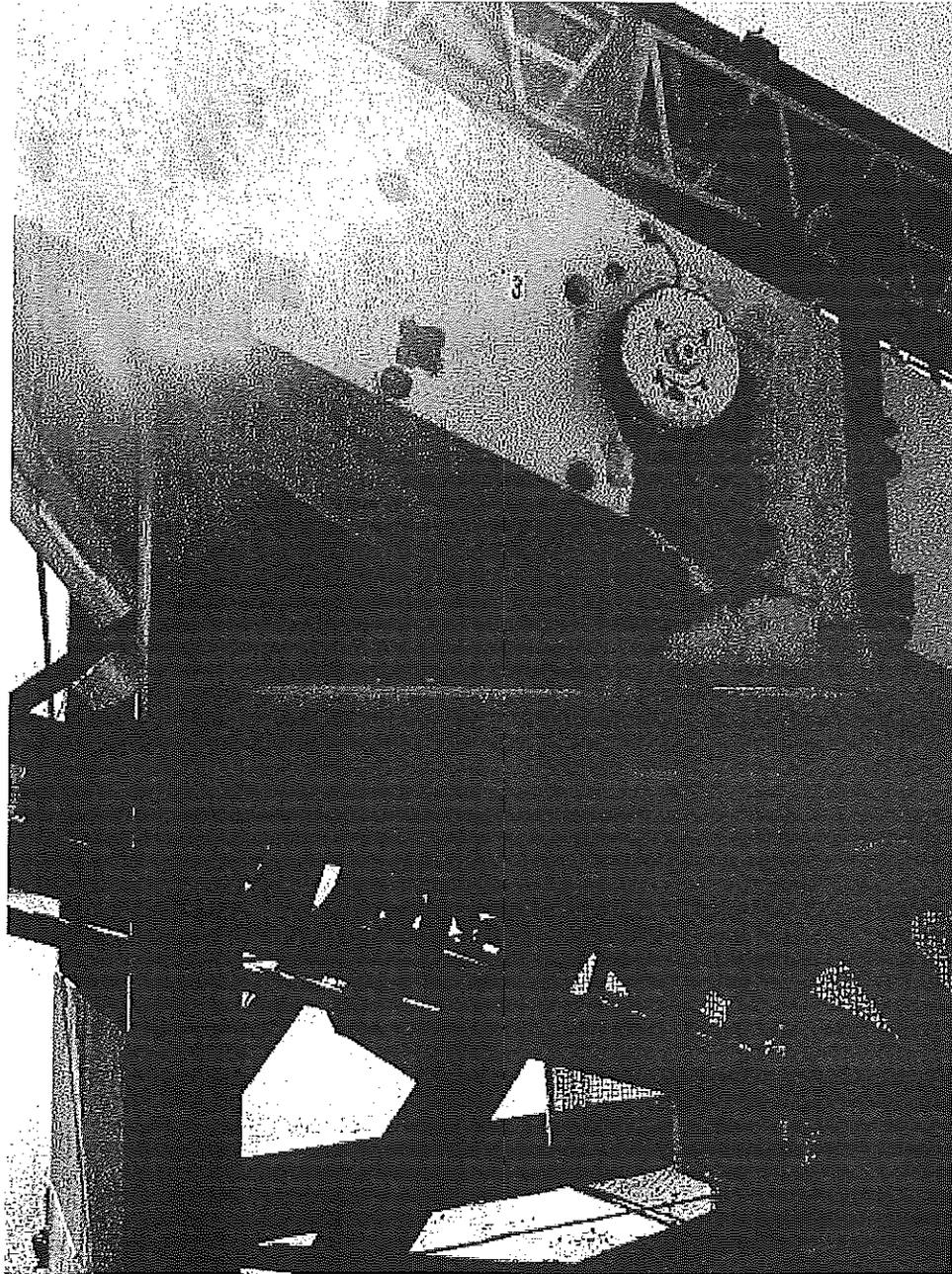


Image 3(brc-03) : Vibrating Screen; equipment ID# 3

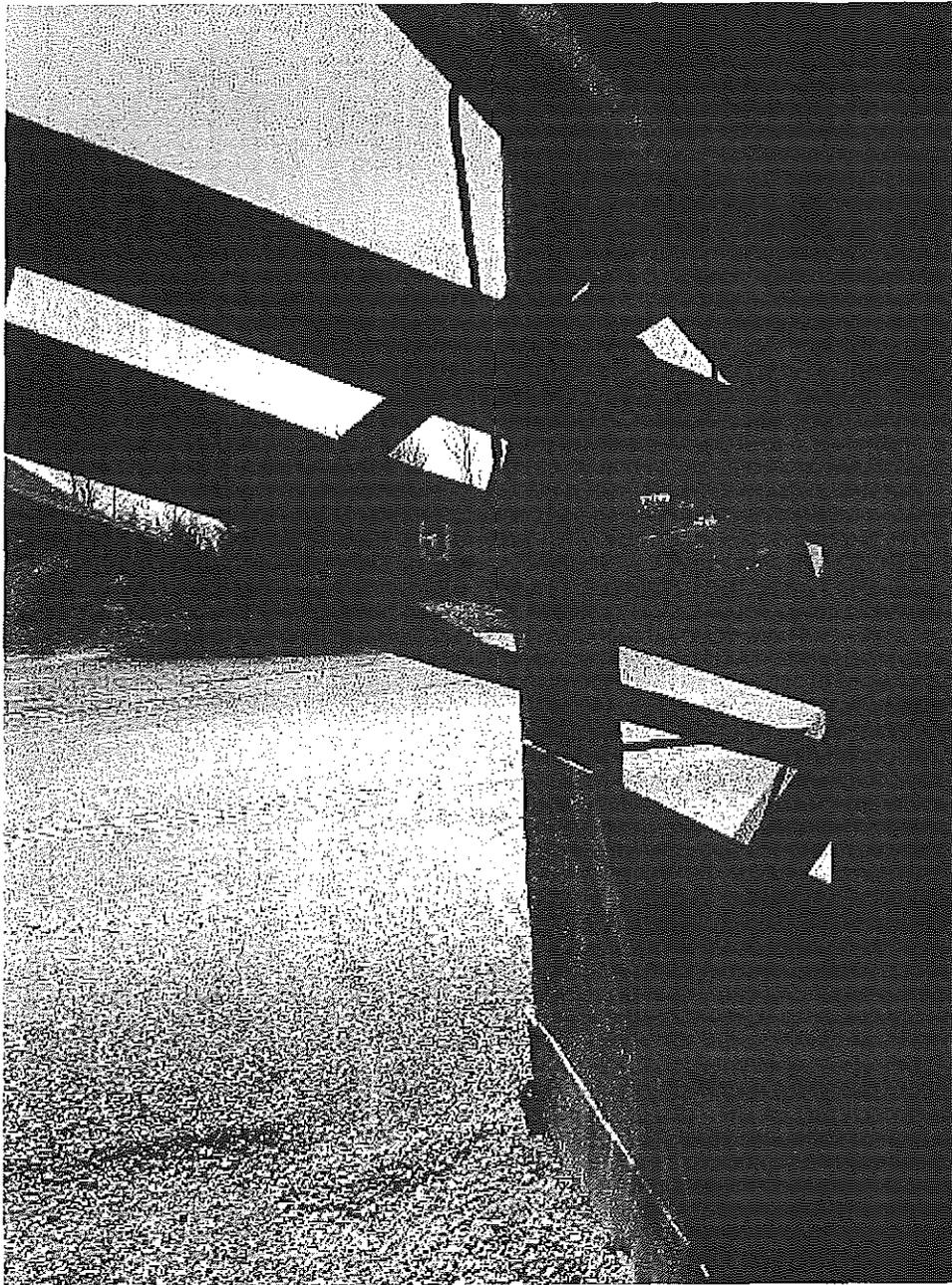


Image 4(brc-04) : Conveyor; equipment ID# 5

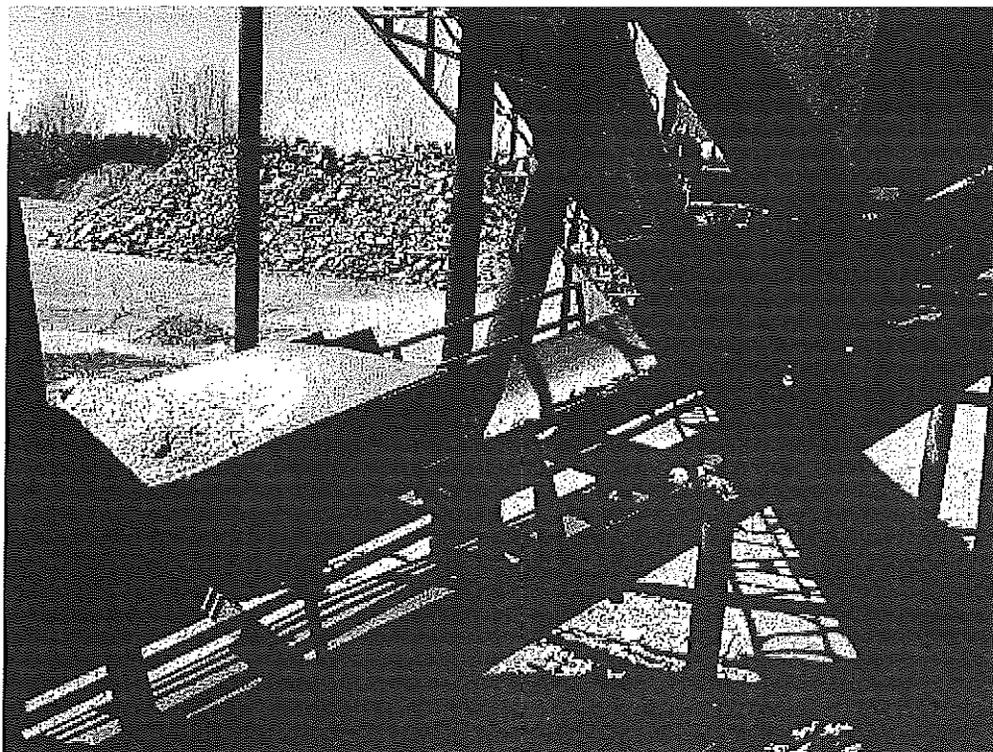


Image 5(brc-05) : Conveyor; equipment ID# 6



Image 6(brc-06) : Vibration Feeder; equipment ID# 10

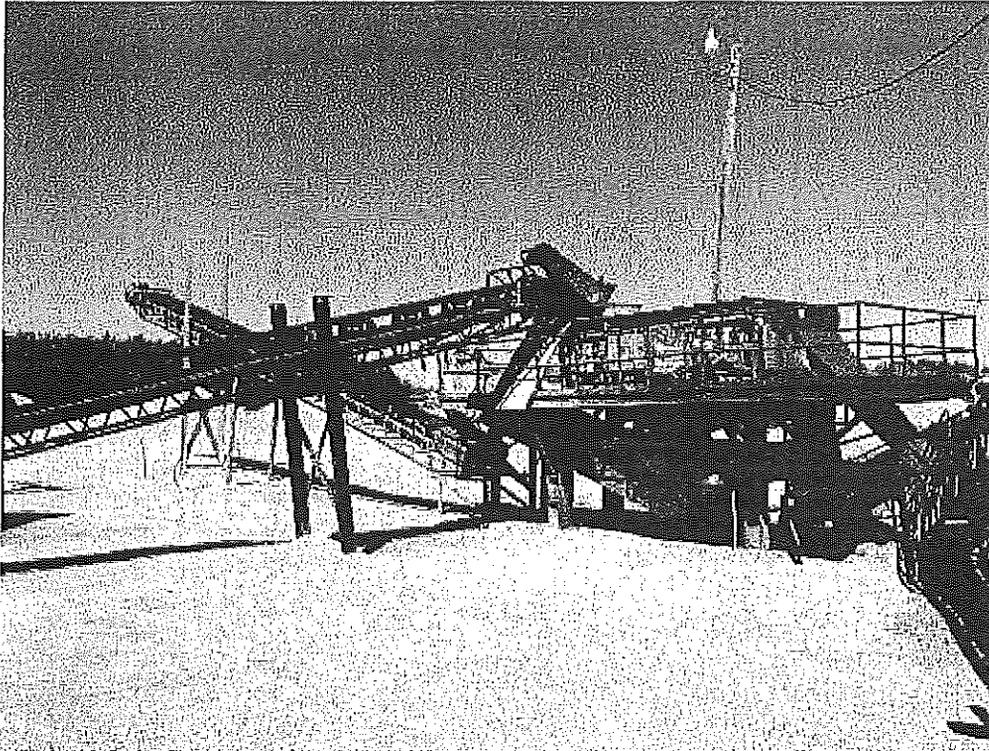


Image 7(brc-07) : Screen wash setup

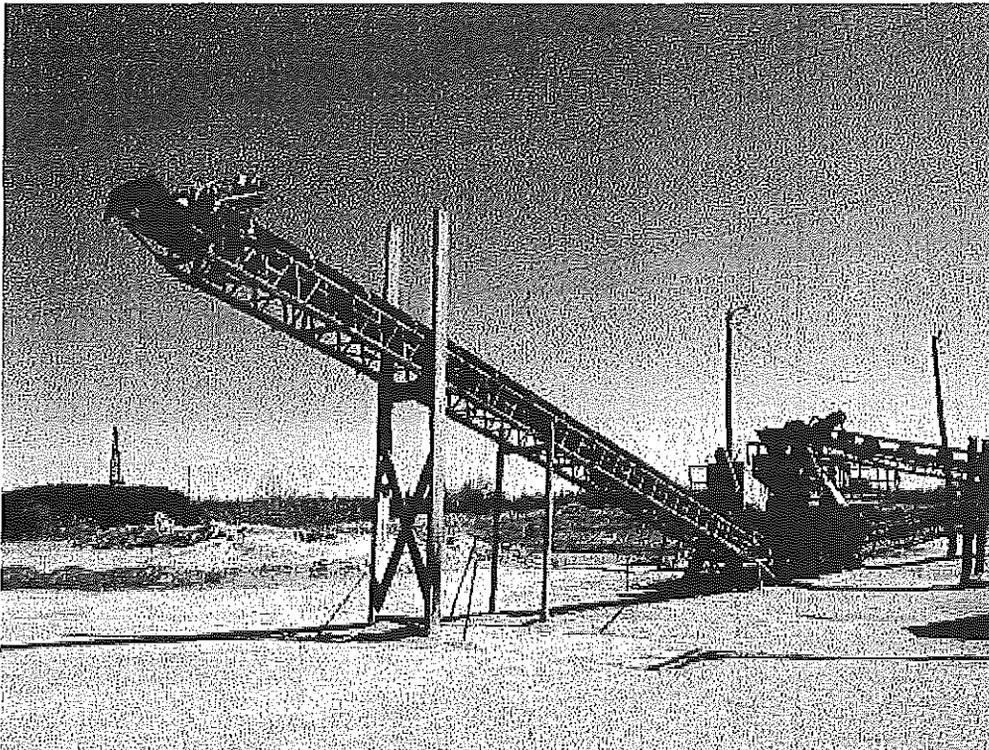


Image 8(brc-08) : Screen wash setup

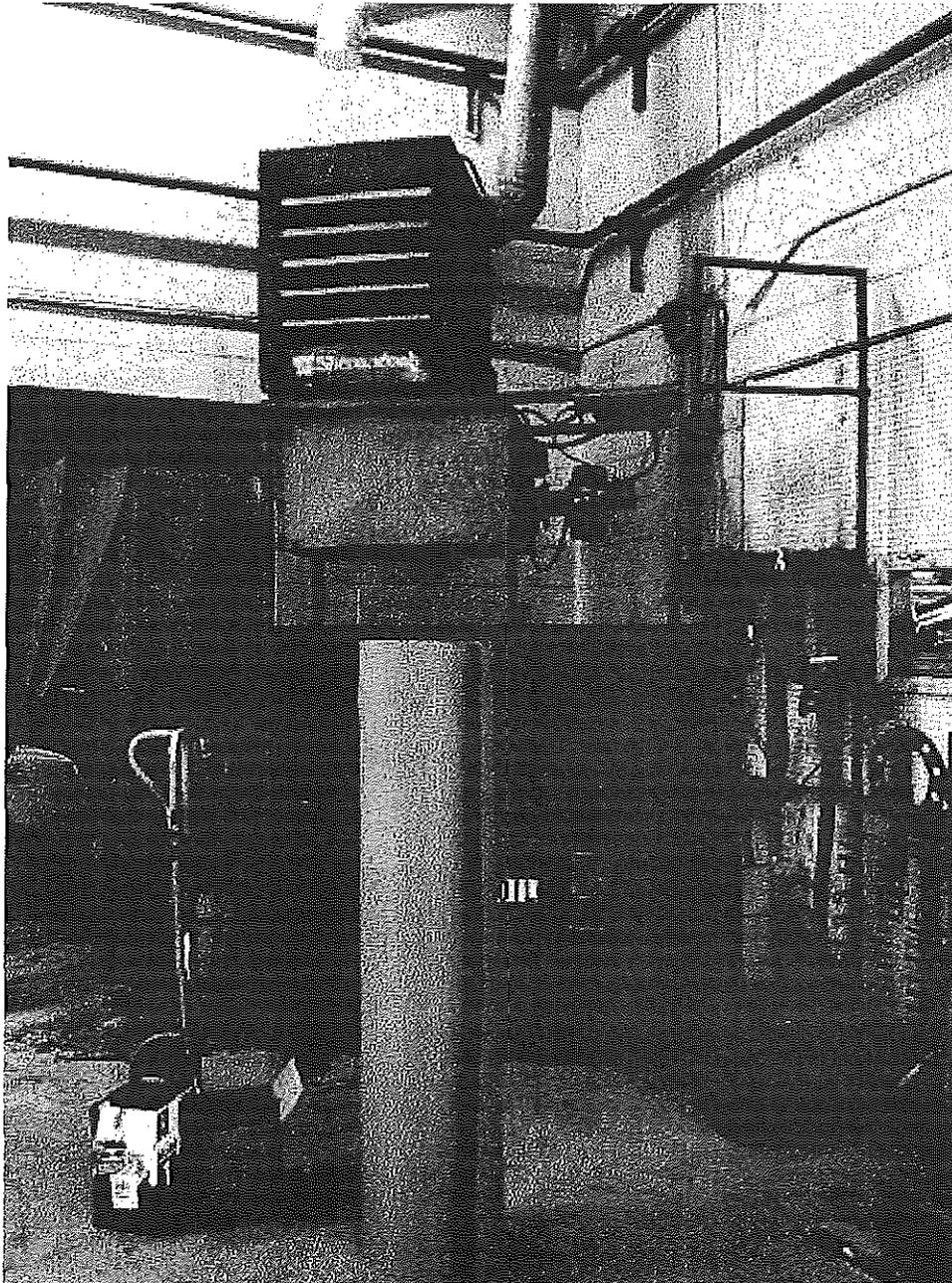


Image 9(brc-09) : Waste Oil furnace in rear garage regulated under PTI# 21-03

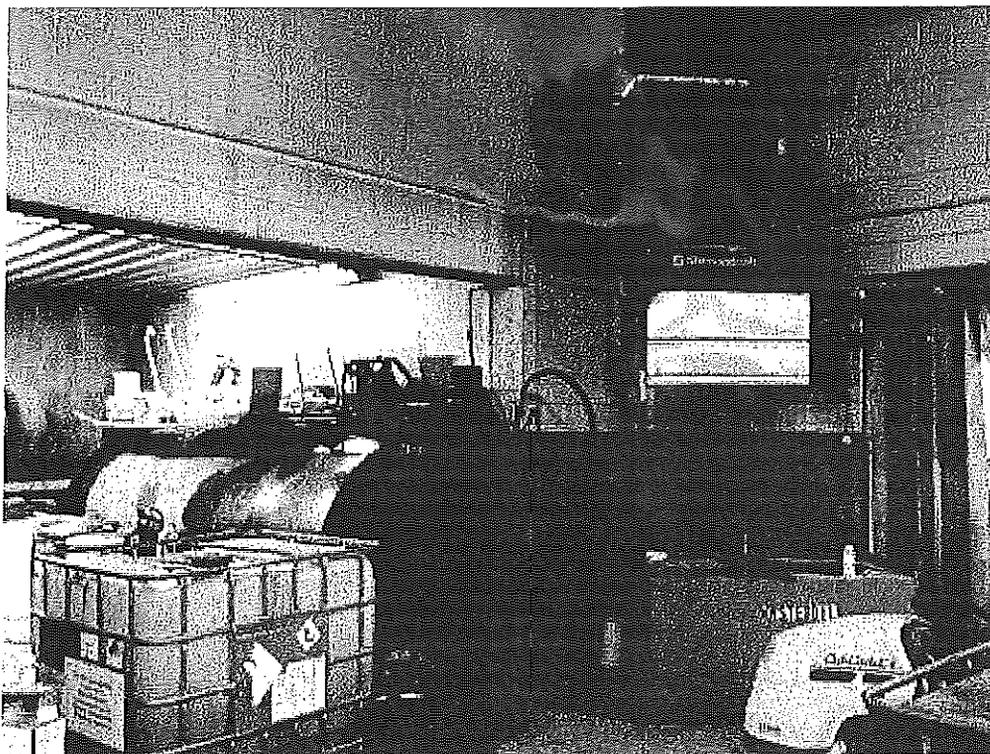


Image 10(brc-10) : Waste Oil furnace in rear garage regulated under PTI# 21-03

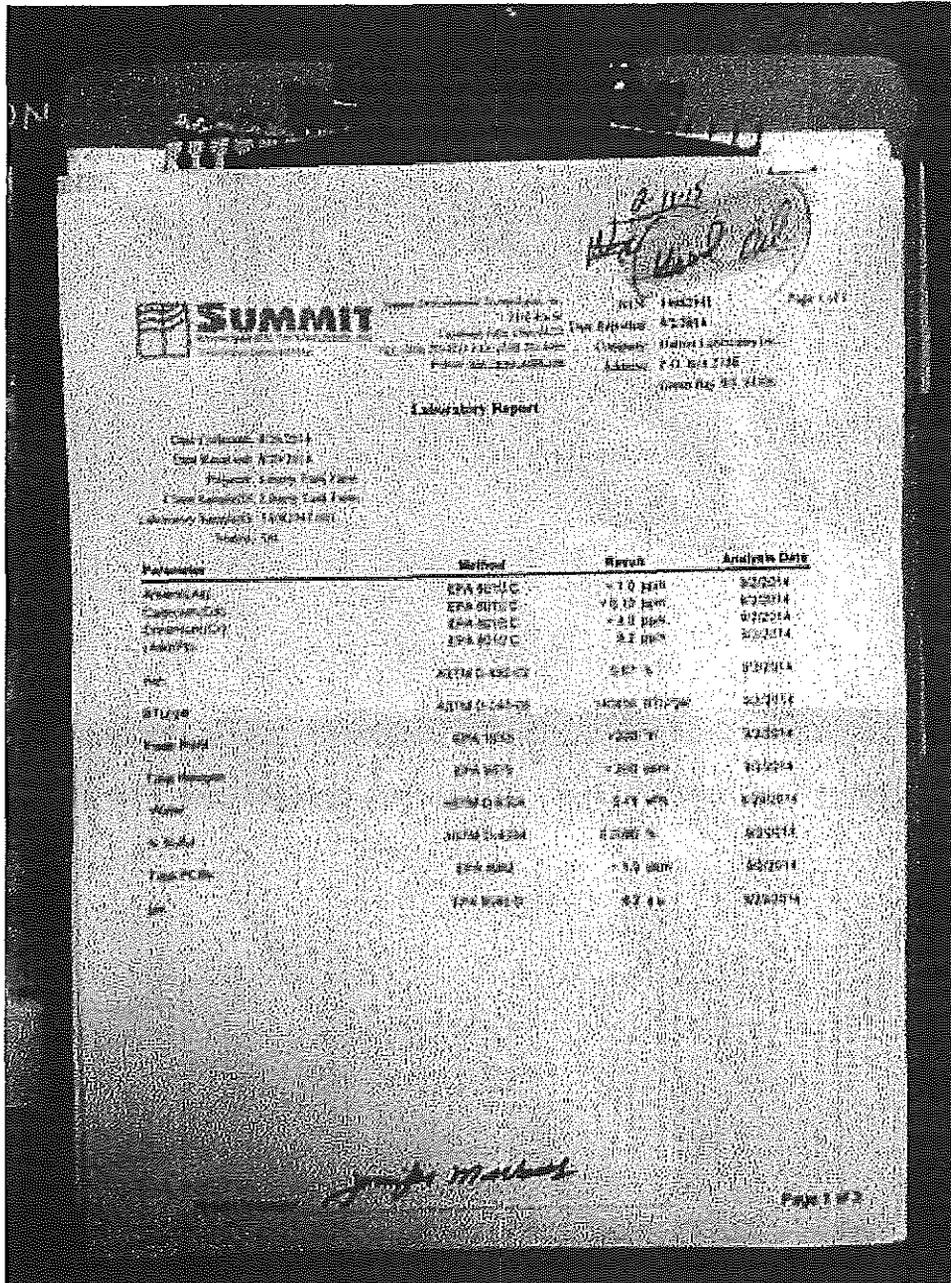


Image 11(brc-11) : Lab results for waste oil purchased

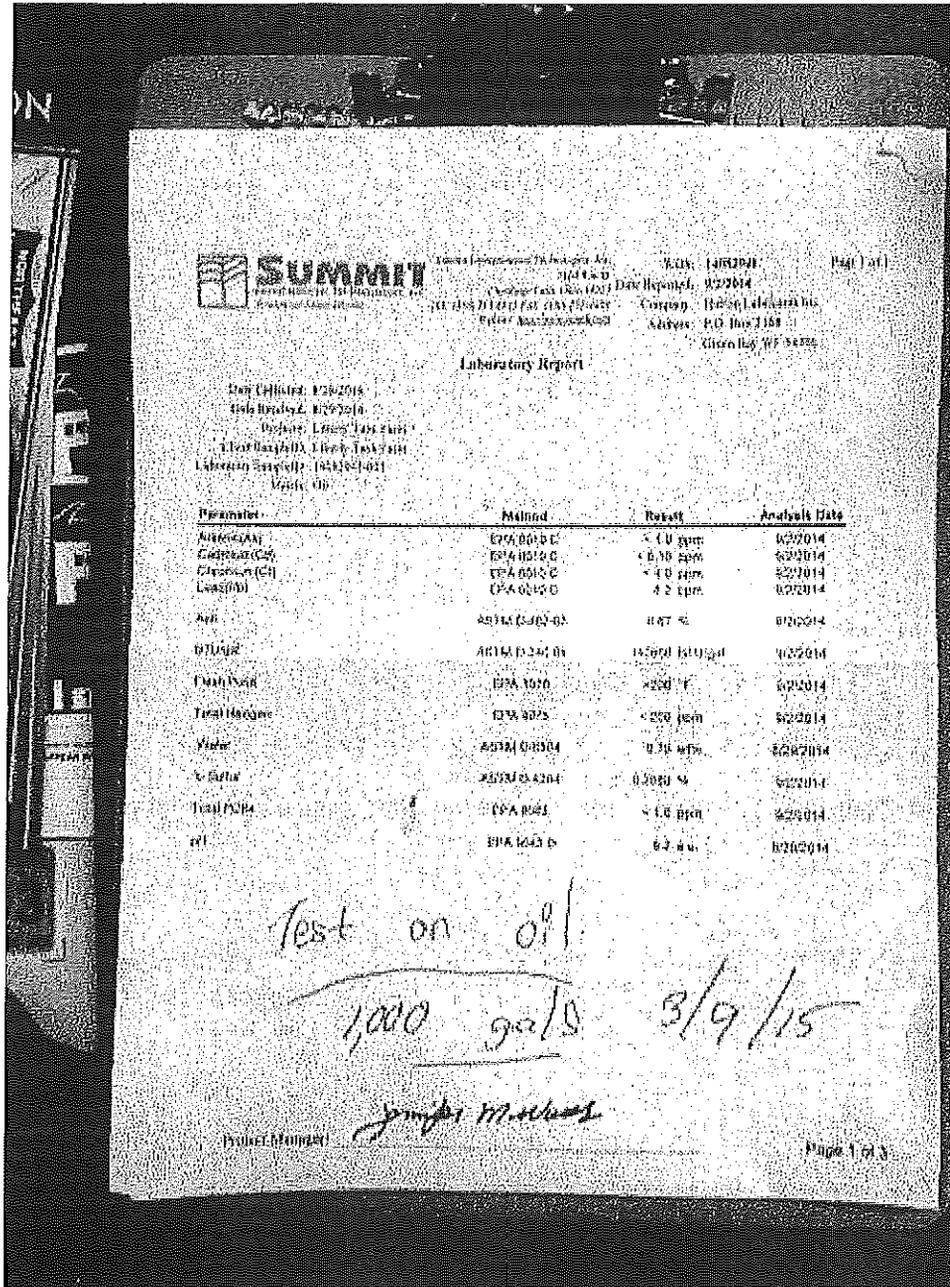


Image 12(brc-12) : Lab results/receipt for waste oil purchased Spring 2015

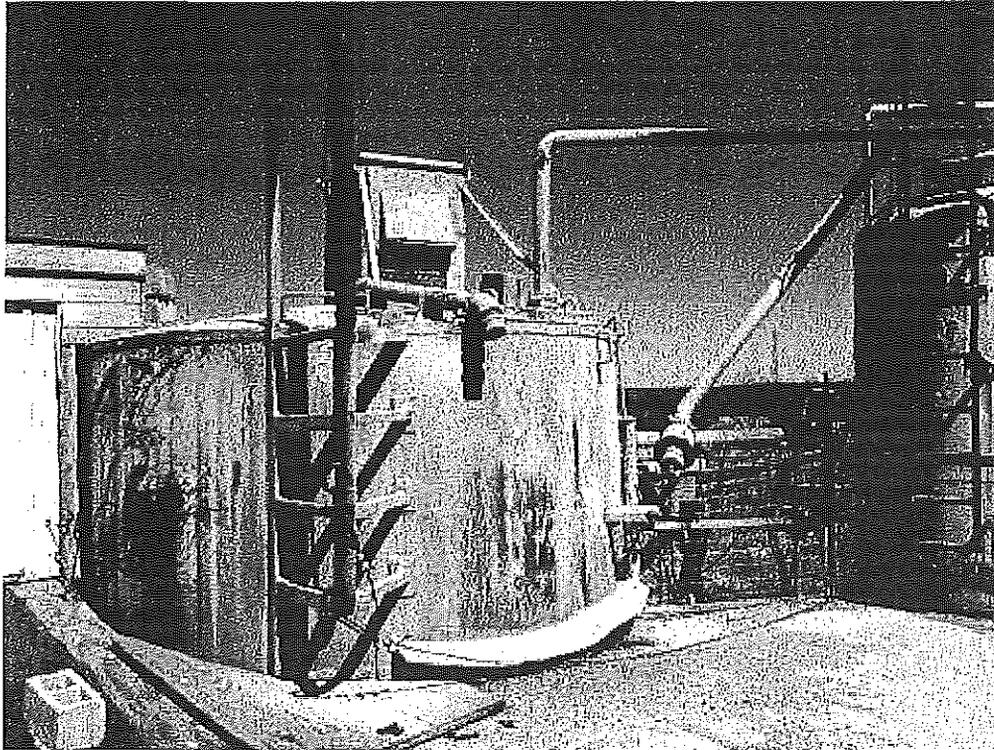


Image 13(brc-13) : Dust collector on cement silo regulated under PTI# 288-75

NAME Joseph Scandura

DATE 7/22/15

SUPERVISOR _____