

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

P110456035

FACILITY: Bay Area Disposal		SRN / ID: P1104
LOCATION: 18657 Honor Highway, INTERLOCHEN		DISTRICT: Cadillac
CITY: INTERLOCHEN		COUNTY: BENZIE
CONTACT:		ACTIVITY DATE: 11/04/2020
STAFF: Jodi Lindgren	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Inspection to verify the shredder is not in operation, discuss the late plans required by PTI 2-20, and discuss the lack of response to the 9/29/2020 ACO sent by AQD Enforcement Unit		
RESOLVED COMPLAINTS:		

On November 4, 2020 around 9:15 am, Cadillac District AQD staff, Jodi Lindgren, completed a self-initiated inspection of Bay Area Disposal's (Bay Area) Arjes impactor 250 slow speed shredder (the shredder) located at 18657 Honor Highway, Interlochen, Benzie County, Michigan 49643. The shredder is covered by Permit to Install (PTI) 2-20 dated March 12, 2020 and assigned the State Registration Number (SRN) P1104. Upon arrival, AQD staff met with one Bay Area field employee and one Bay Area office employee. Bay Area owner, Mr. Kristopher Wood, was not on site, but the office employee indicated he was notified of AQD staff's arrival. AQD staff requested to inspect the shredder and requested records. The Bay Area employees indicated the shredder was currently disassembled for repairs because the shaft systems were damaged crushing concrete. While accompanying AQD staff during the equipment inspection, the field employee also indicated that the shredder had been repaired previously for similar damage. Bay Area has two shaft systems, one capable of crushing concrete and the other capable of processing only nonaggregate based materials. AQD staff inspected the shredder and noted a significant increase of wear and tear on the conveyor belts and engine belts since the inspection on January 22, 2020 (see attached images). AQD staff also inspected both shaft systems, which were removed from the shredder and disassembled for repairs. Both shaft systems had several new welds since the January 22, 2020 inspection to reattach broken shredding plates damaged while crushing concrete and potentially other materials (see attached images). The field employee identified the most recent welds as well as others welds from prior repairs. AQD staff verbally requested records signifying the dates and locations of operation, materials processed, repair records, and any other information required by PTI 2-20. The office employee was unable to provide the requested records indicating it would take time to locate and organize the information but offered to email all the records as soon as possible. AQD staff provided the office employee with an email address via a business card. Per PTI 2-20, the shredder shall not commence operation until the following plans are submitted to AQD for review and approval: a malfunction abatement plan, a fugitive emission control plan, a material handling and sorting procedure, and a plan to demonstrate compliance with material limits. As of November 4, 2020, none of the above plans have been submitted to AQD. AQD staff will follow up with Mr. Kris Woods concerning the findings of non-compliance with PTI 2-20.



Image 1(Arjes 250 Shredder) : Permitted shredder on 9/4/2020



Image 2(Conveyor Belt) : Conveyor belt of permitted shredder on 9/4/2020



Image 3(End of Conveyor belt) : End of conveyor belt of permitted shredder on 9/4/2020



Image 4(Concrete shaft) : Concrete crushing shaft system with many welds 9/4/2020



Image 5(fresh welds) : Closer image of fresh welds on the concrete crushing shaft system 9/4/2020



Image 6(Nonaggregate shaft) : Nonaggregate shaft with welds and weathering 9/4/2020

NAME _____

DATE _____

SUPERVISOR _____