

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

M403159552

FACILITY: ASSOCIATED CONSTRUCTORS		SRN / ID: M4031
LOCATION: INDL PARK RD, MARQUETTE		DISTRICT: Marquette
CITY: MARQUETTE		COUNTY: MARQUETTE
CONTACT: PETER O'DOVERO , PRESIDENT		ACTIVITY DATE: 04/15/2021
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection to determine compliance with PTI# 801-84; was at facility to help with MAERS and completed a partial inspection on the batch plant; returned on 7/15/21 for more information.		
RESOLVED COMPLAINTS:		

REGULATORY AUTHORITY

Under the Authority of Section 5526 of Part 55 of NREPA, the Department of Environment, Great Lakes, and Energy may upon the presentation of their card, and stating the authority and purpose of the investigation, enter and inspect any property at reasonable times for the purpose of investigating either an actual or suspected source of air pollution or ascertaining compliance or noncompliance with NREPA, Rules promulgated thereunder, and the federal Clean Air Act.

FACILITY DESCRIPTION

Associated Constructors LLC is a construction company located in the Midway Industrial Park in Negaunee Township approximately 3.5 miles west of the downtown of the city of Marquette (Marquette County). The company provides general contracting, construction management, and design/build and employs approximately 70 personnel. Mr. Brian Lindberg, batch plant operator, was my point of contact at the time of inspections.

PTI# 801-84 CONCRETE BATCH PLANT

Associated Redi-Mix and Block (ARMB) is one of the specialty divisions of Associated Constructors LLC. This division utilizes the concrete produced from the permitted batch plant (PTI# 801-84) and front-discharge concrete mixer trucks to deliver the product to customers and projects. ARMB offers year-round concrete service.

ARMB operates a Ross #115-10 Explorer Batch Plant. The batch plant is fed concrete and fly ash via two #520 E-Kon Cement Silos with V200 Cement Silo Dust Vents on top of each silo. The aggregate/batching conveyor and discharge hopper are enclosed in a heated building with a roll-up garage door. The loadout area is equipped with a C&W Enviro Systems baghouse installed at ground level next to the plant.

At the time of inspection there was no activity taking place at the batch plant; no cement or fly ash was being delivered and no concrete was being mixed. Fly ash is sourced from the Escanaba Verso paper mill. During the busy season fly ash is delivered approximately every 5 weeks and concrete is delivered 1 to 2 times each day. Mr. Lindberg stated that each V200 silo dust vent contains 14 bags. The concrete silo dust vent had multiple bags replaced during my visit on 4/15/21 and the fly ash silo dust vent had 4 bags replaced on 7/12/21, 3 days prior to my July inspection. The company is looking into upgrading their silo dust vent system soon.

Special Conditions

SC10 & SC11 relate to particulate matter and visible emissions. The plant was not operating at the time of my visit.

SC12 Baghouses and vents are installed and operating properly.

SC13 Discharge shroud and conveyors are enclosed.

SC14 No fugitive emissions from roadways and/or the plant yard—plant was not operating at the time of inspection.

PTI# 92-90 AND PTI# 1165-90

These PTI's are for two Clean Energy CB-85-C multi-oil hot air furnaces. These two waste oil heaters are in the maintenance shop where the mixer trucks and other equipment are repaired. Each furnace is rated for 300,000 Btu and utilizes waste oil generated on-site in the shop.

Since the original PTI's were issued, these units are now permit-exempt under Rule 285(b)(iv). Fuel-burning equipment used for space heating which burns waste oil or used oils that are generated on the geographical site with a rated heat input capacity of not more than 500,000 Btu/hour. The CB-85-C have a rated heat input capacity of 300,000 Btu and only use waste oils generated in the maintenance shop on site. On 7/15/21 company representative Jesica Hillier sent district staff an email requesting to void both PTI's.

SUMMARY

The facility is in compliance with PTI# 801-84. Both PTI# 92-90 and PTI# 1165-90 should be voided at the request of the facility.



Image 1(ARMB1) : Batch Plant w/silos and loadout

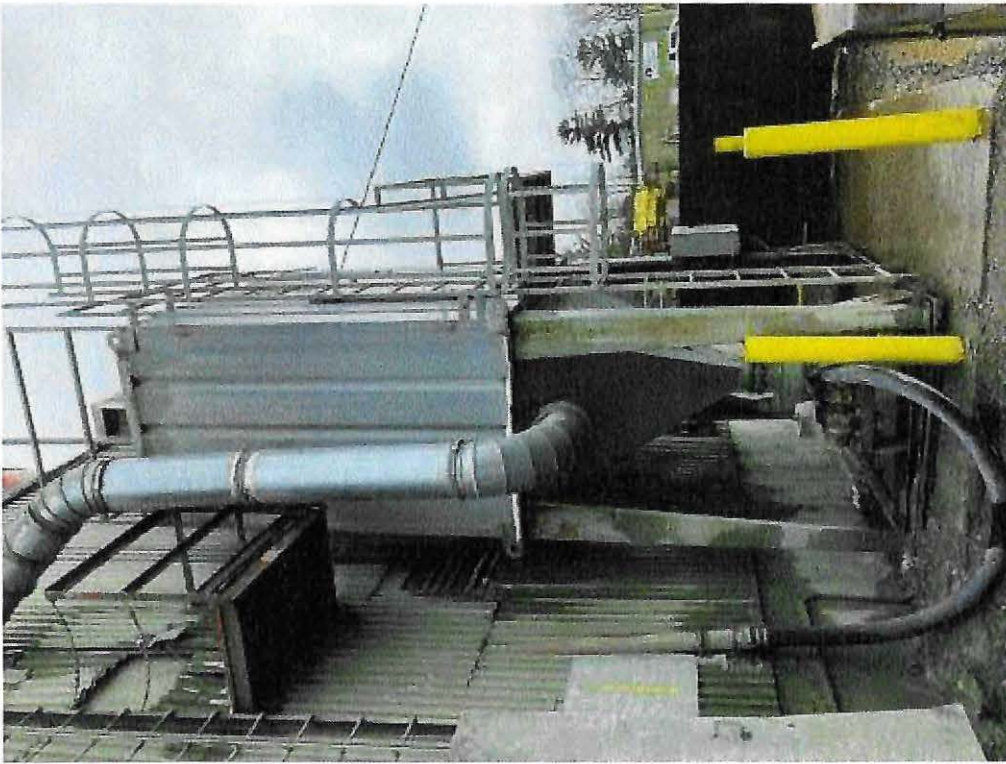


Image 2(ARMB2) : C&W Enviro Systems baghouse for loadout emissions



Image 3(ARMB3) : Discharge hopper in loadout area



Image 4(ARMB4) : CB-85-C unit 1

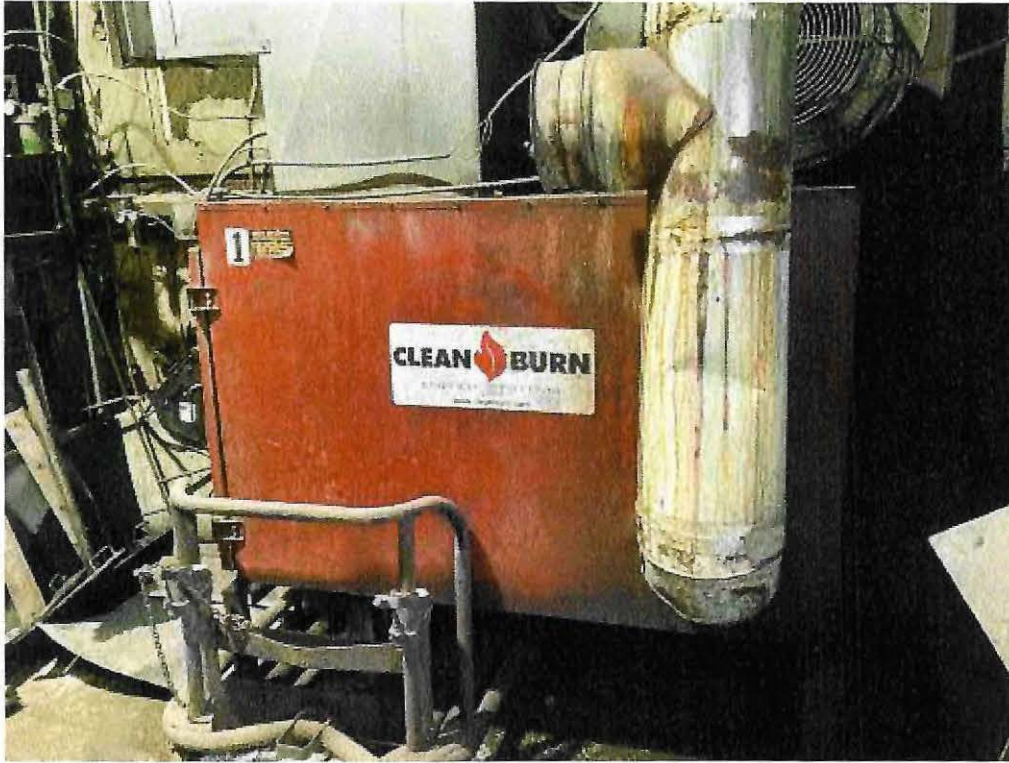


Image 5(ARMB5) : CB-85-C unit 2

NAME J. Galan

DATE 9/10/21

SUPERVISOR E.L.L.