

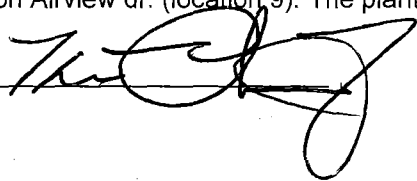
DEPARTMENT OF ENVIRONMENTAL QUALITY
 AIR QUALITY DIVISION
 ACTIVITY REPORT: Odor Evaluation

N223926795

FACILITY: Kirtland Products LLC - Arete Industries, Inc.		SRN / ID: N2239
LOCATION: 1 ALTAIR DR., BOYNE CITY		DISTRICT: Cadillac
CITY: BOYNE CITY		COUNTY: CHARLEVOIX
CONTACT:		ACTIVITY DATE: 09/03/2014
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Odor survey.		
RESOLVED COMPLAINTS:		

I conducted an odor survey in the area around Kirtland Products LLC. The winds were from the southwest at around 10mph, skies were clear and the temperature was 77 degrees F. I observed the plant stacks from the airport for approximately 5 minutes and observed one puff of emissions from the EUGRINDER/DRYER stack against a background of light opacity from that stack. There were no visible emissions from any of the other stacks. I also observed the stacks from the Boyne Hills Subdivision which was an appropriate Method 9 location. I did not see any additional puffs and the EUGRINDER/DRYER stack opacity averaged around 10%.

I started my odor survey at the airport and proceeded according to the attached map. I did not detect any odors at any of the locations with the exception that fresh wood odors were barely detectable directly downwind of the facility on Airview dr. (location 9). The plant was operating throughout the survey.

NAME  DATE 9-9-14 SUPERVISOR 