

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> TILDEN MINING COMPANY LC	<b>SRN :</b> B4885
<b>Location :</b> 1 TILDEN MINE ROAD PO BOX 2000	<b>District :</b> Upper Peninsula
	<b>County :</b> MARQUETTE
<b>City :</b> ISHPEMING <b>State:</b> MI <b>Zip Code :</b> 49849	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Ed Lancaster
<b>FCE Begin Date :</b> 10/1/2015	<b>FCE Completion Date :</b> 9/15/2016
<b>Comments :</b> Completed review of Tilden's reporting documents and compliance inspection.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
08/26/2016	ROP Semi 1 Cert	Compliance	Semi-Annual Report Certification from January 1, 2016 to June 30, 2016. NR
08/26/2016	CEM RATA	Compliance	Nitric oxides and sulfur dioxide RATAs conducted on North and South stacks.
08/02/2016	Other Non ROP	Compliance	Report is addressed to EPA for the hourly NOx emission rates and corresponding Monitor Availability Reports for the BART compulsory KILN 1 NOx CEMS.
08/02/2016	Excess Emissions (CEM)	Compliance	Company states the NOx emission limit is effective on and after the date 6 months after the effective date of EPA's approval of the BART determination.
08/01/2016	Other	Compliance	Received letter stating reason for particulate emission test for the 4A-4A1 scrubber. After routine maintenance and cleaning of the unit the daily differential pressure fell slightly below the parametric limit established during the July 17, 2012 test. The purpose of current test is to establish a lower differential pressure operating set-point, while maintaining compliance with the Taconite MACT.

Activity Date	Activity Type	Compliance Status	Comments
06/14/2016	Stack Test	Compliance	Company tested particulate emissions for the 17.1 to 17.2 wet scrubber to determine compliance with the Taconite MACT. Test results showed company was well under the limits established in the MACT.
06/14/2016	Excess Emissions (CEM)	Compliance	EE Reports for Tilden's BART compulsory NOx CERMS.
06/14/2016	CEM RATA	Compliance	First quarter 2016, CEMS Audit Report for nitric oxides and sulfur dioxide on Tilden 1 North and Tilden 1 South.
05/31/2016	MAERS	Compliance	MAERS 2015. NR No changes made to submittal. Notified company of discrepancies for EUKILN1 and EUKILN2 in the reported PM10, FLTRBLE and SO2 emissions. Have not heard back by COB, May 31, 2016, therefore, I passed the audit. ELL
03/31/2016	ROP Annual Cert	Compliance	Annual Compliance Certification from 1/1/2015 to 12/31/2015.
03/31/2016	ROP SEMI 2 CERT	Compliance	Semi-Annual Report Certification from 7/1/2015 to 12/31/2015. NR Four of the deviations were related to opacity greater than 20%, which the company reports occurred during SSM. The opacity exceedances occurred for EU-KILN1 North and South and EU_KILN2 North and South. The other four deviations involved missing and invalid data points (two of the deviations were for the period 1/1/11 thru 6/30/15). ELL
03/23/2016	Scheduled Inspection	Compliance	Scheduled partial compliance inspection and stack test observation.
02/26/2016	Excess Emissions (CEM)	Compliance	EU-KILN1 - North & South Stacks - CEMS 4th Quarter 2015 EE & CEM DT Report (1) from 10/1/2015 to 12/31/2015 EE reports for the BART compulsory CERMS, NOx and SO2 for north and south stacks. Company claims NOx emission limit is effective 6 months after EPA approves the BART determination. ELL
11/06/2015	CEM RATA	Compliance	EU-KILN 1 - North & South Stacks - CEMS 3rd Quarter 2015 Audit Report (1) from 07/01/2015 to 09/30/2015

Activity Date	Activity Type	Compliance Status	Comments
11/06/2015	Excess Emissions (CEM)	Compliance	EE reports for the BART compulsory CERMS, NOx and SO2 for north and south stacks. Company claims NOx emission limit is effective 6 months after EPA approves the BART determination.
11/06/2015	NSR Emissions Report	Compliance	Reported meeting the required NOx reduction during the ozone season.
10/30/2015	ROP Semi 1 Cert	Compliance	Semi-Annual Report Certification from January 1, 2015 to June 30, 2015.

Name: Ed Lancaster Date: 9/15/16

Supervisor: 