



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

AQDM PAN-01

AQDM Protocol Approval Notification Form

Air Quality Dispersion Modeling (AQDM)

Doc Type: Air Dispersion Modeling

Instructions: This form is used for Minnesota Pollution Control Agency (MPCA) internal use by Air Dispersion Modeler and Air Permit Engineers to review for Criteria Pollutant Modeling.

Facility Information

AQ file no.: 4274 AQ facility ID no.: 13700320 Submittal date (mm/dd/yyyy): 10/19/2011
Three-letter modeling facility ID (ex., ACE, XAK, MEC, NUP, etc.): MSE
Facility name: Mesaba Energy
Facility street address: N/A
City: Taconite State: MN Zip code: 55786
Protocol prepared by: McVehil-Monnett Associates Preparer phone: _____
Preparer e-mail address: gmcvehil@mcvehil-monnett.com

Protocol Approval Notification

This is to notify you that the modeling protocol has been reviewed and is approved or denied as noted below for the project described in the protocol.

If approved, any minor changes to the project after this approval should be made in consultation with Minnesota Pollution Control Agency (MPCA) and documented in the modeling results report that is submitted with your permit application. Major changes from the protocol may result in a request for a re-submittal of the protocol.

Please be aware that federal and state standards and model versions can change over the life of a project, therefore the facility may be asked to update the modeling protocol and/or modeling report to reflect applicable changes.

Reviewer Information

Protocol reviewed:

Modeler name: Melissa Sheffer Review date (mm/dd/yyyy): 12/14/2011
Permit engineer name: name: Marshall Cole Review date (mm/dd/yyyy): 12/12/2011

Melissa: AQDMP-01, modeling files, and "Class II Air Quality Modeling Analysis for the IGCC Power Station Project Phase I and Phase II", by McVehil-Monnett Associates, Inc., and dated October 2011.

Areas reviewed: Marshall: AQDMP-01 (Sections D & E), AQDMPS-01 spreadsheet

Modeling information (Non-emissions) Preliminary emissions

Protocol is: Approved Conditionally approved Not approved

Reasons:

Please see the ADQMPPRF-01 form.