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TO: Jeff Hanson AM/7

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SUBJECT: Class I Areas

According to USEPA modeling guidelines, any new PSD source that locates within 200 kilometers of any Class I Area in Wisconsin must notify the Federal Land Manager (FLM). In Wisconsin, the only Class I Area is the Rainbow Lake Wilderness area in Bayfield County. Federal lands in the states of Michigan and Minnesota are within 200 kilometers of the state of Wisconsin. A 200 kilometer radius from Seney Wilderness, Isle Royale National Park (Michigan), Boundary Waters Canoe Area Wilderness and Voyageurs National Park (Minnesota) intersect portions of Wisconsin.

Using ESRI ArcView Federal Land polygons, the four Class I areas in Michigan and Minnesota were identified. A buffer of 200 kilometers from the outer edge of each Class I area was performed. Note, Isle Royale National Park extends 3.5 miles into Lake Superior. It is from this outer polygon that the 200 kilometer buffer was performed. The Rainbow Lake Wilderness Class I area was hand digitized at a 1:1000 scale using USGS maps and a wilderness boundary map. The 200 kilometer buffer from the outer edge of the wilderness area was then established.

The following map indicates the counties in Wisconsin where each of the 200 kilometer radiuses fell. If a radius fell within a county, it was color coded to indicate it was within one of the Class I radiuses. Because of the size of the radius, some of the Class I area buffers overlapped. The distinct color schemes, along with the key, help indicate which counties are affected by each Class I area. Use the key and the contacts on the map to find the correct contact.

Wisconsin Counties within 200 Km of Federal Class I Areas

