APPENDIX D: CONCEPTUAL WRAP AND SELECTED EDMS COMPARISON

Conceptual WRAP and Selected Existing EDMS Comparison						
	Conceptual WRAP EDMS	National Emissions Inventory	Tribal Emissions Inventory Software Solution	California Air Resources Board Emissions Inventory	Colorado Department of Health Air Pollution Inventory	Delaware Environmental Navigator
Data Tracking[1]						
Pollutants	9	7	7	5	5	5
Sources	6	4	3	3	3	3
Activity Data	Yes	Yes	Yes	Yes	Yes	Yes
Emissions Factors	Yes	Yes	Yes	No	No	No
Temporal Resolution	Variable[2]	Annual	Annual	Annual	Annual	Annual
Spatial Resolution	County / Reservation / Point	County / Point	Reservation / Point	County / Point	County / Point	County / Point
Standard Submission Format	Yes	Yes	No[3]	Yes	No[4]	No
Data QA/QC[1]						
Submission Format Check	Yes	Yes	No[3]	Yes	No[4]	No
Content Validation	Yes	Yes	Yes	Yes	No[4]	Yes
Submission Completeness	Yes	Yes	Yes	Yes	No[4]	No
Data Reporting[1]						
Standard Summary Reports	Yes	Yes	Yes	Yes	Yes	Yes
Regional Haze Rule Specific Reports	Yes	No	No	No	No	No
Data Exports	Yes	Yes	Yes	Minimal	Minimal	Yes
Model Ready Input File, i.e. SMOKE	Yes	No	No	No	No	No
GIS Component[1]						
Multiple Display Tools Provided	Yes	No	Yes	No	Yes	Yes
Ability to Query Emissions Database and Display Results	Yes	No	Yes	No	Yes	Yes
User Access and Preferences[1]						
Publicly Accessible via Internet	Yes	Yes	No	Yes	Yes	Yes

[1] See Sections 3.1 and 3.3 for the description of the conceptual WRAP EDMS and the selected existing EDMS
[2] Some emissions data will be submitted at the hourly, daily, seasonal, or annual levels. However, the reporting temporal resolution will be annual.
[3] TEISS does not have one standard submission format. In fact TEISS accepts many formats.
[4] This system is not the primary emission inventory system for Colorado. It is a secondary system included in this analysis because of its GIS capability.