EQB &

Environmental Quality Board

Mandatory Categories Rulemaking

Preliminary Rule

Minnesota Rule Chapter 4410.4400, Mandatory EIS Categories

The proposed changes to Minnesota Rules 4410.4400 herein are preliminary.

The Environmental Quality Board (EQB) staff have made the preliminarily proposed changes available for public comment. For more information on how to comment and the Mandatory Categories Rulemaking, please visit EQB Mandatory Categories Rulemaking webpage.

The preliminary rules are formatted as such:

- Strikethrough indicates a deletion
- Underline indicates new language
- **DISCUSSION** boxes follow the proposed rule changes and provide a brief description of the purpose of the deletion or addition of rule language
- Footnotes are intended to assist the reader in the preliminary rules and will not be included in the file rule



4410.4400 MANDATORY EIS CATEGORIES.

2 Subpart 1. Threshold test.

- 3 An EIS must be prepared for projects that meet or exceed the threshold of any of subparts 2 to 25.
- 4 Multiple projects and multiple stages of a single project that are connected actions or phased actions must
- 5 be considered in total when comparing the project or projects to the thresholds of this part.

Subp. 2. Nuclear fuels and nuclear waste.

Items A to D designate the RGU for the type of project listed:

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A. For the construction or expansion of a nuclear fuel or nuclear waste processing facility, including fuel fabrication facilities, reprocessing plants, and uranium mills, the DNR shall be the RGU for uranium mills; otherwise, the PCA shall be the RGU.

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B. For construction of a high level nuclear waste disposal site, the EQB shall be the RGU.

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C. For construction of an away-from-reactor facility for temporary storage of spent nuclear fuel, the Public Utilities Commission shall be the RGU.

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D. For construction of a low level nuclear waste disposal site, the MDH shall be the RGU.

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Subp. 3. Electric generating facilities.

- For construction of a large electric power generating plant, (as defined by Minnesota Statute section
- 22 2016E.01, subdivision 5), the PUC shall be the RGU, as environmental review shall be conducted
- 23 according to parts 7849.1000 to 7849.2100 and 7850.1000 to 7850.5600.

24 **DISCUSSION:** Subp. 3. Electric generating facilities.

- 25 The additional definition and addition of an RGU will eliminate any ambiguity over which types of
- facilities are captured by the category and who is conducting the environmental review.

27 Subp. 4. Petroleum refineries.

For construction of a new petroleum refinery facility, the PCA shall be the RGU.

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Subp. 5. Fuel conversion facilities.

Items A and B designate the RGU for the type of project listed:

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A. For construction of a facility for the conversion of coal, peat, or biomass sources to gaseous, liquid, or solid fuels if that facility has the capacity to utilize 250,000 dry tons or more per year of input, the PCA shall be the RGU.

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B. A facility or plant that only uses a cellulosic feedstock to produce chemical products for use by another facility as a feedstock shall not be considered a fuel conversion facility. For construction or expansion of a facility for the production of alcohol fuels which would have or would increase its capacity by 50,000,000 or more gallons per year of alcohol produced if the facility will be in the seven-county Twin Cities metropolitan area or by 125,000,000 or more gallons per year of alcohol produced if the facility will be outside the seven-county Twin Cities metropolitan area, the PCA shall be the RGU.

DISCUSSION: Subp. 3. Fuel conversion facilities. 44 New language in item B is the result of a change in Minn. Stat. 116D.04, Subd. 2a (a). 45 46 47 "A mandatory environmental impact statement shall not be required for a facility or plant located outside 48 the seven-county metropolitan area that produces less than 125,000,000 gallons of ethanol, biobutanol, or 49 cellulosic biofuel annually, or produces less than 400,000 tons of chemicals annually, if the facility or 50 plant is: an ethanol plant, as defined in section 41A.09, subdivision 2a, paragraph (b); a biobutanol facility, as defined in section 41A.105, subdivision 1a, clause (1); or a cellulosic biofuel facility. A 51 52 facility or plant that only uses a cellulosic feedstock to produce chemical products for use by another 53 facility as a feedstock shall not be considered a fuel conversion facility as used in rules adopted under this 54 chapter." 55 Subp. 6. Transmission lines. 56 For construction of a high voltage transmission line, the PUC shall be the RGU, as environmental review 57 shall be conducted according to parts 7849.1000 to 7849.2100 and 7850.1000 to 7850.5600. 58 59 **DISCUSSION: Subp. 6. Transmission lines.** The addition of an RGU will eliminate any ambiguity over which types of facilities are captured by the 60 61 category and who is conducting the environmental review. 62 63 Subp. 7. Underground storage. 64 Items A and B designate the RGU for the type of project listed: 65 A. For construction of an underground storage facility for gases or liquids that requires a permit 66 pursuant to Minnesota Statutes, section 103I.681, subdivision 1, paragraph (a), the DNR shall be 67 68 the RGU. 69 B. For construction of an underground storage facility for gases or liquids, using naturally occurring 70 71 rock materials, that requires a permit pursuant to Minnesota Statutes, section 103I.681, 72 subdivision 1, paragraph (b), the DNR shall be the RGU. 73 Subp. 8. Metallic mineral mining and processing. 74 Items A to B C-designate the RGU for the type of project listed: 75 76 A. For mineral deposit evaluation involving the extraction of 1,000 tons or more of material that is of interest to the proposer principally due to its radioactive characteristics, the DNR shall be the 77 78 RGU. 79 80 For construction of a new facility for mining metallic minerals or for the disposal of tailings from a metallic mineral mine, the DNR shall be the RGU. 81 82 For construction of a new metallic mineral processing facility, the DNR shall be the 83 €B.

DISCUSSION: Subp. 8. Metallic mineral mining and processing.

Item A is deleted as it is not used due to the lack of deposits in the state with radioactive characteristics.

Subp. 9. Nonmetallic mineral mining.

RGU.

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Items A to C designate the RGU for the type of project listed:

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part 4410.0500, subpart 1.

regardless of whether the project in question meets or exceeds any threshold specified in those

subparts. In those cases, the entire project must be compared to the thresholds specified in items A and B to determine the need for an EIS. If the project meets or exceeds the thresholds specified

in any other subparts as well as those in item A or B, the RGU must be determined as provided in

137	D.	This subpart does not apply to projects for which there is a single mandatory category specified in
138		subparts 2 to 10, 12, 13, 17, or 22, or part 4410.4300, subparts 2 to 13, 16, 17, 20, 23, 25, 29, or
139		34, regardless of whether the project in question meets or exceeds any threshold specified in those
140		subparts. In those cases, the need for an EIS or an EAW must be determined by comparison of the
141		project to the threshold specified in the applicable subpart, and the RGU must be the
142		governmental unit assigned by that subpart.

DISCUSSION: Subp. 11. Industrial, commercial, and institutional facilities.

Deletion reflects concerns with the threshold change corresponding to the size of the city. Adding "square feet" as the unit of measurement in part A as it was incidentally omitted from previous rulemaking.

Subp. 12. Hazardous waste.

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Items A to C designate the RGU for the type of project listed:

- A. For construction or expansion of a hazardous waste disposal facility for 1,000 or more kilograms per month, the PCA shall be the RGU.
- B. For the construction or expansion of a hazardous waste disposal facility in a water-related land use management district, or in an area characterized by soluble bedrock, the PCA shall be the RGU.
- C. For construction or expansion of a hazardous waste processing storage (as defined by Minnesota Rules 7045.0020, subpart 87¹) or treatment (as defined by Minnesota Rules 7045.0020, subpart 97²) facility if the facility is located in a water-related land use management district, or in an area characterized by soluble bedrock, the PCA shall be the RGU.

DISCUSSION: Subp. 12. Hazardous waste.

For clarification and consistency, insertions clarify the language in the existing rule regarding thresholds for mandatory EIS for hazardous waste facilities.

Subp. 13. Solid waste.

Items A to CE designate the RGU for the type of project listed:

- A. For construction of a mixed municipal solid waste disposal facility for 100,000 cubic yards or more of waste fill per year, the PCA is the RGU.
- B.A. For construction or expansion of a mixed municipal solid waste disposal facility (as defined by Minnesota Rules 7035.0300, subpart 64³) in a water-related land use management district, or in an area characterized by soluble bedrock, the PCA is the RGU.

¹ Subp. 87. Storage. "Storage" means the holding of hazardous waste for a temporary period at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.

² Subp. 97. Treatment. "Treatment" means any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize the waste, or so as to recover energy or material resources from the waste, or so as to render the waste nonhazardous, or less hazardous, safer to transport, store, or dispose of, or amenable for recovery, amenable for storage, or reduced in volume.

³ Subp. 64. Mixed municipal solid waste land disposal facility. "Mixed municipal solid waste land disposal facility" means a site used for the disposal of mixed municipal solid waste in or on the land.

175	E.B. For construction or expansion of a mixed municipal solid waste energy recovery facility
176	(as defined by Minnesota Rules 7035.0300, subpart 35 ⁴) or incinerator, or the utilization of an
177	existing facility for the combustion of mixed municipal solid waste or refuse-derived fuel (as
178	defined by Minnesota Rules 7035.0300, subpart 91 ⁵), with a permitted capacity of 250 or more
179	tons per day of input, the PCA is the RGU.
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181	D.C. For construction or expansion of a mixed municipal solid waste compost facility (as
182	defined by Minnesota Rules 7035.0300, subpart 19 ⁶) or a refuse-derived fuel (as defined by
183	Minnesota Rules 7035.0300, subpart 91 ⁷) production facility with a permitted capacity of 500 or
184	more tons per day of input, the PCA is the RGU.
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186	E. For expansion by 25 percent or more of previous capacity of a mixed municipal solid waste
187	disposal facility for 100,000 cubic yards or more of waste fill per year, the PCA is the RGU.

DISCUSSION: Subp. 13. Solid waste.

Changes to this category correspond with the changes made to the solid waste EAW category. Proposed changes bring the EQB mandatory category language up to date with current solid waste permit terminology.

Subp. 14. Residential development.

An EIS is required for residential development if the total number of units that the proposer may ultimately develop on all contiguous land owned by the proposer or for which the proposer has an option to purchase, except land identified by an applicable comprehensive plan, ordinance, resolution, or agreement of a local governmental unit for a future use other than residential development, equals or exceeds a threshold of this subpart. In counting the total number of ultimate units, the RGU shall include the number of units in any plans of the proposer; for land for which the proposer has not yet prepared plans, the RGU shall use as the number of units the product of the number of acres multiplied by the maximum number of units per acre allowable under the applicable zoning ordinance, or if the maximum number of units allowable per acre is not specified in an applicable zoning ordinance, by the overall average number of units per acre indicated in the plans of the proposer for those lands for which plans exist. If the total project requires review but future phases are uncertain, the RGU may review the ultimate project sequentially in accordance with part 4410.2000, subpart 4.

The RGU may review an initial stage of the project, that may not exceed ten percent of the applicable EIS threshold, by means of the procedures of parts 4410.1200 to 4410.1700 instead of the procedures of parts 4410.2000 to 4410.2800. If the RGU determines that this stage requires preparation of an EIS under part 4410.1700, it may be reviewed through a separate EIS or through an EIS that also covers later stages of the project.

⁴ Subp. 35. Energy recovery facility. "Energy recovery facility" means a facility used to capture the heat value of solid waste for conversion to steam, electricity, or immediate heat by direct combustion or by first converting it into an intermediate fuel product. Municipal solid waste combustors are included in the definition of energy recovery facilities.

⁵ Subp. 91. Refuse-derived fuel. "Refuse-derived fuel" means the product resulting from techniques or processes used to prepare solid waste by shredding, sorting, or compacting for use as an energy source.

⁶ Subp. 19. Compost facility. "Compost facility" means a site used to compost or cocompost solid waste, including all structures or processing equipment used to control drainage, collect and treat leachate, and storage areas for the incoming waste, the final product, and residuals resulting from the composting process.

⁷ Subp. 91. Refuse-derived fuel. "Refuse-derived fuel" means the product resulting from techniques or processes used to prepare solid waste by shredding, sorting, or compacting for use as an energy source.

213	If a project consists of mixed unattached and attached units, an EIS must be prepared if the sum of the		
214	quotient obtained by dividing the number of unattached units by the applicable unattached unit threshold,		
215	plus the quotient obtained by dividing the number of attached units by the applicable attached unit		
216	threshold, equals or exceeds one.		
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218	The local governmental unit is the RGU for construction of a permanent or potentially permanent		
219	residential development of:		
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221	A. 100 or more unattached or 150 or more attached units in an unsewered unincorporated area or 400		
222	unattached units or 600 attached units in a sewered unincorporated area;		
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224	B. 400 unattached units or 600 attached units in a city that does not meet the conditions of item D;		
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226	C. 400 unattached units or 600 attached units in a city meeting the conditions of item D if the project		
227	is not consistent with the adopted comprehensive plan; or		
228	D. 1 000 mette shed units on 1 500 ette shed units in a situ mithin the server county. Twin Cities		
229 230	D. 1,000 unattached units or 1,500 attached units in a city within the seven-county Twin Cities metropolitan area that has adopted a comprehensive plan under Minnesota Statutes, section		
231	473.859, or in a city not located within the seven-county Twin Cities metropolitan area that has		
232	filed with the EQB chair a certification that it has adopted a comprehensive plan containing the		
232	following elements:		
234	Tonowing elements.		
235	(1) a land use plan designating the existing and proposed location, intensity, and extent of		
236	use of land and water for residential, industrial, agricultural, and other public and private		

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- y, and extent of public and private purposes;
- (2) a transportation plan describing, designating, and scheduling the location, extent, function, and capacity of existing and proposed local public and private transportation facilities and services;
- (3) a sewage collection system policy plan describing, designating, and scheduling the areas to be served by the public system, the existing and planned capacities of the public system, and the standards and conditions under which the installation of private sewage treatment systems will be permitted;
- (4) a capital improvements plan for public facilities; and
- (5) an implementation plan describing public programs, fiscal devices, and other actions to be undertaken to implement the comprehensive plan, and a description of official controls addressing the matters of zoning, subdivision, private sewage systems, and a schedule for the implementation of the controls. The EQB chair may specify the form to be used for making a certification under this item.

Subp. 14a. Residential development in shoreland outside of the seven-county Twin Cities metropolitan area.

A. The local governmental unit is the RGU for construction of a permanent or potentially permanent residential development located wholly or partially in shoreland outside the seven-county Twin Cities metropolitan area of a type listed in items B to D. For purposes of this subpart, "riparian unit" means a unit in a development that abuts a public water or, in the case of a development

where units are not allowed to abut the public water, is located in the first tier of the development as provided under part 6120.3800, subpart 4, item A. If a project is located partially in a sensitive shoreland area and partially in nonsensitive shoreland areas, an EIS must be prepared if the sum of the quotient obtained by dividing the number of units in the sensitive shoreland area by the applicable sensitive shoreland area threshold, plus the quotient obtained by dividing the number of units in nonsensitive shoreland areas by the applicable nonsensitive shoreland area threshold, equals or exceeds one. If a project is located partially in shoreland and partially not in shoreland, an EIS must be prepared if the sum of the quotients obtained by dividing the number of units in each type of area by the applicable threshold for each area equals or exceeds one.

- B. A development containing 50 or more unattached or attached units for a sensitive shoreland area or 100 or more unattached or attached units for a nonsensitive shoreland area, if any of the following conditions is present:
 - (1) less than 50 percent of the area in shoreland is common open space;
 - (2) the number of riparian units exceeds by at least 15 percent the number of riparian lots that would be allowable calculated according to the applicable lot area and width standards for riparian unsewered single lots under part 6120.3300, subparts 2a and 2b; or
 - (3) any portion of the project is in an unincorporated area.
- C. A development of 100 or more unattached or attached units for a sensitive shoreland area or 200 or more unattached or attached units for a nonsensitive shoreland area, if none of the conditions listed in item B is present.
- D. A development creating 20 or more unattached or attached units for a sensitive shoreland area or 40 or more unattached or attached units for a nonsensitive shoreland area by the conversion of a resort, motel, hotel, recreational vehicle park, or campground, if either of the following conditions is present:
 - (1) the number of nonriparian units in shoreland exceeds by at least 15 percent the number of lots that would be allowable on the parcel calculated according to the applicable lot area and width standards for nonriparian unsewered single lots under part 6120.3300, subparts 2a and 2b; or
 - (2) the number of riparian units exceeds by at least 15 percent the number of riparian lots that would be allowable calculated according to the applicable lot area and width standards for riparian unsewered single lots under part 6120.3300, subparts 2a and 2b.
- E. An EIS is required for residential development if the total number of units that the proposer may ultimately develop on all contiguous land owned by the proposer or for which the proposer has an option to purchase, except land identified by an applicable comprehensive plan, ordinance, resolution, or agreement of a local governmental unit for a future use other than residential development, equals or exceeds a threshold of this subpart. In counting the total number of ultimate units, the RGU shall include the number of units in any plans of the proposer. For land for which the proposer has not yet prepared plans, the RGU shall use as the number of units the number of acres multiplied by the maximum number of units per acre allowable under the applicable zoning ordinance or, if the maximum number of units allowable per acre is not specified in an applicable zoning ordinance, by the overall average number of units per acre indicated in the plans of the proposer for those lands for which plans exist.

310	Subp. 15. Airport runway projects.
311	For construction of a paved and lighted airport runway of 5,000 feet of length or greater, the DOT or local
312	government unit shall be the RGU.
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314	Subp. 16. Highway projects.
315	For construction of a road on a new location which is four or more lanes in width and two or more miles
316	in length, the DOT or local government unit shall be the RGU.
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318	Subp. 17. Barge fleeting facilities.
319	For construction of a barge fleeting facility at a new off-channel location that involves the dredging of
320	1,000 or more cubic yards, the DOT or port authority shall be the RGU.
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322	Subp. 18. Water appropriation and impoundments.
323	For construction of a Class I dam, the DNR shall be the RGU.
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325	Subp. 19. Marinas.
326	For construction of a new or expansion of an existing marina, harbor, or mooring project on a state or
327	federally designated wild and scenic river, the local government unit shall be the RGU.
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329	Subp. 20. Wetlands and public waters. Public waters, public water wetlands, and wetlands.
330	For projects that will eliminate a public water or public waters wetland, the local government unit or the
331	DNR shall be the RGU.
222	DISCUSSION Subn 20 Dublic western and westlands
332	DISCUSSION - Subp. 20. Public waters and wetlands.
333	Adding a DNR as an RGU reduces the need for EQB to designate a different RGU in the future.
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335	Subp. 21. Mixed residential and commercial-industrial projects.
336	If a project includes both residential and commercial-industrial components, the project must have an EIS
337	prepared if the sum of the quotient obtained by dividing the number of residential units by the applicable

Subp. 22. Sports or entertainment facilities.For construction of a new outdoor sports or entertainment facility designed for or expected to accommodate a peak attendance of 20,000 or more persons or a new indoor sports or entertainment facility designed for or expected to accommodate a peak attendance of 30,000 or more persons, or the expansion of an existing facility by these amounts, the local governmental unit is the RGU.

residential threshold of subpart 14, plus the quotient obtained by dividing the amount of industrial-

commercial gross floor space by the applicable industrial-commercial threshold of subpart 11, equals or

Subp. 23. Water diversions.

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exceeds one.

For a diversion of waters of the state to an ultimate location outside the state in an amount equal to or greater than 2,000,000 gallons per day, expressed as a daily average over any 30-day period, the DNR is the RGU.

Subp. 24. Pipelines.

For routing of a pipeline subject to the full route selection procedures under Minnesota Statutes, section 216G.02, the Public Utilities Commission is the RGU.

Subp. 25. Incineration of wastes containing PCBs.

For the incineration of wastes containing PCB's for which an EIS is required by Minnesota Statutes, section 116.38, subdivision 2, the PCA shall be the RGU.

Subp. 26. Resorts, campgrounds, and RV parks in shorelands.

For construction or expansion of a resort or other seasonal or permanent recreational development located wholly or partially in shoreland, accessible by vehicle, adding 100 or more units or sites in a sensitive shoreland area or 200 or more units or sites in a nonsensitive shoreland area, the local governmental unit is the RGU. If a project is located partially in a sensitive shoreland area and partially in nonsensitive shoreland areas, an EIS must be prepared if the sum of the quotient obtained by dividing the number of units in the sensitive shoreland area by the applicable sensitive shoreland area threshold, plus the quotient obtained by dividing the number of units in nonsensitive shoreland areas by the applicable nonsensitive shoreland area threshold, equals or exceeds one. If a project is located partially in shoreland and partially not in shoreland, an EIS must be prepared if the sum of the quotients obtained by dividing the number of units in each type of area by the applicable threshold for each area equals or exceeds one.

Subp. 27. Land conversion in shorelands.

For a project that permanently converts 40 or more acres of forested or other naturally vegetated land in a sensitive shoreland area or 80 or more acres of forested or other naturally vegetated land in a nonsensitive shoreland area, the local governmental unit is the RGU.

Subp. 28. Genetically engineered wild rice.

For the release and a permit for a release of genetically engineered wild rice for which an EIS is required by Minnesota Statutes, section 116C.94, subdivision 1, paragraph (b), the EQB is the RGU.

- **Statutory Authority:** *MS s* 116D.04; 116D.045
- **History:** 11 SR 714; 13 SR 1437; 13 SR 2046; 21 SR 1458; 28 SR 951; L 2005 c 97 art 3 s 19; 31
- 384 SR 539; 34 SR 721
- **Published Electronically:** November 30, 2009