

TECHNICAL SUPPORT DOCUMENT

FOR EPA SIP ACTION

ON THE SUBMITTAL OF THE

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WAQS&R CHAPTER 6, SECTION 4

PREVENTION OF SIGNIFICANT DETERIORATION

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This Technical Support Document (TSD) examines the New Source Review (NSR) revisions adopted into the Wyoming SIP by the Wyoming Environmental Quality Council (EQC) on July 27, 2006, effective October 6, 2006. The proposed revisions modify the Wyoming Air Quality Standards and Regulations (WAQS&R), Chapter 6, Section 4 provisions- Prevention of Significant Deterioration (PSD)-to address changes to the federal NSR regulations promulgated by EPA on December 31, 2002, and reconsidered with minor changes on November 7, 2003. This rule revision was submitted by the State of Wyoming to EPA on December 13, 2006.

The State of Wyoming's PSD program was first approved by EPA into the State SIP on September 6, 1979 (44 FR 51977). Wyoming sought to develop a regulatory program that closely reflects the federal NSR regulations and conforms to the requirements of 40 CFR 51.166. Wyoming has translated the federal NSR requirements into the regulatory text of Chapter 6, Section 4 of the WAQS&R. Consistent with the discussion below, the current revision to the Wyoming Air Quality Standards & Regulations, Chapter 6, Section 4 meets the applicable provisions of 40 CFR 51.166.

WY Revised NSR Provisions ID [bold] & EPA Comments/Approvability Status	40 CFR 51.166 provisions
Chapter 6-Section 4(a)	
Actual emissions Approvable	51.166(b)(21)
Administrator Submitted language is same as the current EPA-approved SIP language at Ch. 1 sec 3.a. Approvable	
Allowable emissions Submitted language is same as the current EPA-approved SIP language at Chapter 5 Approvable	51.166(b)(16)
Allowable emissions (i) Submitted language references Chapter 5, Section 2 (WY NSPS) and Section 3 (WY NESHAPs) Approvable	51.166(b)(16)(i)
Allowable emissions (ii) Approvable	51.166(b)(16)(ii)

Allowable emissions (iii) Submitted language is same as the current EPA-approved SIP language – not revised by NSR Reform Rule Approvable	51.166(b)(16)(iii)
Baseline actual emissions Approvable	51.166(b)(47)
Baseline area WY definition is more stringent than the CFR because WY refers to the CAA while the CFR first paragraph: refers to its own specific provisions 107(d)(1)(D) or (E). For paragraphs (i)(A), (B), (C) & (E), submitted language is same as the currently EPA-approved language. Paragraph (D) has been added in the NSR revision rulemaking. It defines the Kennecott-Puron baseline area that was approved by EPA on Sept. 12, 1995 (see 60FR47298). Approvable	51.166(b)(15)
Baseline concentration Approvable	51.166(b)(13)
Begin actual construction Approvable	51.166(b)(11)
Best available control technology Submitted language is same as the current EPA-approved SIP language Typo: 3rd line: 'or regulation' should be 'or regulated'. Does not change meaning of provision Approvable	51.166(b)(12)
Clean coal technology Approvable	51.166(b)(33)
Clean coal technology demonstration project Approvable	51.166(b)(34)
Commenced Approvable	51.166(b)(9)
Complete Approvable	51.166(b)(22)
Construction Approvable	51.166(b)(8)
Continuous emissions monitoring system (CEMS) Approvable	51.166(b)(43)
Continuous emissions rate monitoring system (CERMS) Approvable	51.166(b)(46)
Continuous parameter monitoring system (CPMS) Approvable	51.166(b)(45)
Electric utility steam generating unit Approvable	51.166(b)(30)
<i>Emission Unit</i> WY provision is missing the sentence added by EPA w/11/7/03 Reconsideration FR rulemaking: "....A replacement unit, as defined in paragraph (b)(32) of this section, is an existing emissions unit." This is not a problem since WY's revised SIP does not include the definition of 'replacement unit' Approvable	51.166(b)(7)
Enforceable Submitted language is same as the current EPA-approved SIP language. Approvable	51.166(b)(17)
Federal Land Manager Approvable	51.166(b)(24)
Fugitive emissions Approvable	51.166(b)(20)

High Terrain Approvable	51.166(b)(25)
Indian Governing Body Approvable	51.166(b)(28)
Indian Reservation Approvable	51.166(b)(27)
Innovative Control Technology Approvable	51.166(b)(19)
Lowest achievable emission rate (LAER) Approvable	51.166(b)(52)
Low Terrain Approvable	51.166(b)(26)
Major modifications (initial paragraph) WY text refers to significant emissions of VOCs , but not to significant emissions of NOx, as also significant for ozone. Submitted provision is the same as the December 31, 2002 NSR Reform rule and the current EPA-approved SIP language. However, this provision was revised by EPA in November 29, 2005 (70 FR 71699) to add NOx. WY should adopt this revised provision in a future rulemaking. Approvable	51.166(b)(2)(i) 51.166(b)(2)(ii)
Major modifications (i)(A) Submitted language is same as the current EPA-approved SIP language. Approvable	51.166(b)(2)(iii)(a)
Major modifications (i)(B) Approvable	51.166(b)(2)(iii)(c)
Major modifications (i)(C) “Facility” changed to “major stationary source” otherwise submitted language is same as the current EPA-approved SIP language. Provision not revised by NSR Reform Rule. Approvable	51.166(b)(2)(iii)(f)
Major modifications (i)(D) Approvable	51.166(b)(2)(iii)(b)
Major modifications (i)(E) “Facility” changed to “major stationary source”, otherwise submitted language is same as the current EPA-approved SIP language. Provision not revised by NSR Reform Rule. Approvable	51.166(b)(2)(iii)(e)
Major modifications (i)(F) Approvable	51.166(b)(2)(iii)(g)
Major modifications (i)(G) Approvable	51.166(b)(2)(iii)(d)
Major modifications (i)(H) Approvable	51.166(b)(2)(iii)(i)
Major modifications (i)(I) Approvable	51.166(b)(2)(iii)(j)
Major modifications (i)(J) Approvable	51.166(b)(2)(iii)(k)
Major modifications (ii) Approvable	51.166(b)(2)(iv)
Major source baseline date (i) & (ii) Approvable	51.166(b)(14)(i)(a)&(i)(b)
Major stationary source (a) The word 'total' and verb 'totaling', which are part of the referenced 40 CFR 51.166 provisions, are not used in this paragraph. However, the submitted language is same as the	51.166(b)(1)(i) & 51.166(b)(1)(i)(a)

current EPA-approved SIP language except for replacing the words “facilities” with “plants” and “emitting facility” with “stationary source”. This part of the definition not revised by NSR Reform Rule. Approvable.	
Major stationary source (b) & (c) Approvable	51.166(b)(1)(i)(b) & (c)
Major stationary source (d) WY refers to VOCs alone for a major source of ozone while current federal regulation refers to VOCs & NOx. Submitted provision is the same as the December 31, 2002 NSR Reform rule and the current EPA-approved SIP language. However, this provision was revised in November 29, 2005 (70 FR 71699) to add NOx. It is recommended that WY adopt the revised language in a future rulemaking. Approvable	51.166(b)(1)(ii)
Major stationary source The language about exclusion of fugitive emissions included in the CFR paragraph is not present in the WY definition of Major stationary source Submitted language is same as the current EPA-approved SIP language. Approvable	51.166(b)(1)(iii)
Minor source baseline date (initial paragraph) The date January 1, 2001 currently in the SIP will be deleted since it is no longer in the WY definition and is no longer applicable. All baseline dates have been established in WY. Approvable	51.166(b)(14)(ii)
Minor source baseline date (i), (ii) & (iii) The baseline dates listed in this definition are specific to WY.	NA
Minor source baseline date (iv)(a) WY language is more stringent. It refers to the CAA, whereas the CFR refers to specific sections of the CAA. Also, submitted language is same as the current EPA-approved SIP language. Approvable	51.166(b)(14)(iii)(a)
Minor source baseline date (iv)(b) Submitted language is same as the current EPA-approved SIP language. Approvable	51.166(b)(14)(iii)(b)
Minor source baseline date (v) WY language: "The baseline date is not established by the permit application for an emitting source or modification which (1) is not listed in Chapter 6, Section 4(a) under the definition of “Major stationary source”, item (a)..." This provision is comparable to language in the current EPA-approved SIP. However, both versions of this provision seem to indicate that only the specific listed sources emitting 100 TPY or more establish a baseline date (and does not include unlisted sources emitting 250 TPY or more) unless provision (1) is additive with (2) and (3) i.e., all 3 provisions must be met. Approvable	[51.166(b)(14)(iii) 51.166(i)(1)(ii)]??
Minor source baseline date (vi) WY language does not include federal language about PM-10 related exceptions, evaluated and decided on by the reviewing authority. Submitted language is same as the current EPA-approved SIP language. Approvable.	51.166(b)(14)(iii)(iv)
Net emissions increase (initial paragraph) & (i) through (ix) Approvable	51.166(b)(3)(i) through (viii)
Potential to emit Approvable	51.166(b)(4)

Predictive emissions monitoring system (PEMS) Approvable	51.166(b)(44)
Project Approvable	51.166(b)(51)
Projected actual emissions (initial paragraph) & (i) and (i)(A) through (i)(D) Approvable	51.166(b)(40)(i), (ii) and (ii)(a) through (ii)(d)
Reactivation of a very clean coal-fired electric utility steam generating unit (initial paragraph) & (i) through (iv) Approvable	51.166(b)(37) Initial paragraph, and (i) through (iv)
Regulated NSR pollutant Approvable	51.166(b)(49)
Replacement unit - Not included in the Wyoming NSR provisions The Wyoming PSD revisions do not address the definition of "replacement unit" approved by EPA in the November 7, 2003 reconsideration of the 2002 NSR Reform. In an exchange of emails with EPA between August 13 and September 5, 2007 (included as part of the docket for this action), the State of Wyoming indicated its agreement with EPA's interpretation of the definition of "replacement unit" detailed in the EPA "Technical Support Document (TSD) for the Prevention of Significant Deterioration (PSD) and Nonattainment Area New Source Review (NSR): Reconsideration." This document was posted in support of the November 7, 2003 Reconsideration Notice on the public Docket ID No. A-2001-0004. In response to a public comment EPA wrote: <i>"We do not believe that adding a definition of replacement unit is essential for implementing the provisions as finalized in the December 2002 final rules because the preamble in the 1992 WEPCO rules spoke to this issue (see 57 FR 32324); and, we have historically applied this approach for determining whether an emissions unit is a replacement unit. Nevertheless, we do agree with the commenter that it would be convenient to have this definition within the regulatory text to improve the overall clarity of the rule. Accordingly, the Federal Register announcing our final decisions on reconsideration also contains amendatory language to add this definition to the final rules...."</i> (TSD, page 98). EPA recommended that the State of Wyoming make its PSD SIP formally consistent with this language by adopting the definition of "replacement unit" in a future rulemaking. However, the omission of this definition from Wyoming's PSD regulations is approvable since EPA has indicated that this definition was only added to provide clarity. Approvable	51.166(b)(32) Replacement unit definition
Repowering (initial paragraph) & (i) through (ii) Approvable	51.166(b)(36)(i) through (iii)
Secondary emissions In next-to-last sentence WY uses 'modification' as compared w/federal definition use of 'operation'. This appears to be a typo because in a similar sentence (the first), WY does use the term 'operation' Current EPA-approved SIP language also uses 'modification'. Approvable - since this word change does not change the meaning of this provision.	51.166(b)(18)
Significant Current federal provision has "as Significant 40 tpy of VOCs <i>or</i> NO _x " as compared w/WY's reference to VOCs only. Submitted provision is the same as the December 31, 2002 NSR Reform rule and the current EPA-approved SIP language. However, the federal provision was revised in November 29, 2005 (70 FR 71699) to add NO _x to the ozone precursors. EPA recommended that Wyoming adopt this revised provision in a future rulemaking. Approvable	51.166(b)(23)
Significant emissions increase Approvable	51.166(b)(39)
Stationary source WY's language is broader than the federal definition. It uses the term "any air pollutant subject to ... regulations under the federal CAA". The federal definition is limited to a "regulated NSR pollutant".	51.166(b)(5)

Submitted language is same as the current EPA-approved SIP language, except “facility” has replaced the word “source”. Approvable	
Structure, building, facility, equipment, installation, or operation Approvable	51.166(b)(6)
Temporary clean coal technology demonstration project Approvable	51.166(b)(35)
Volatile Organic Compounds (VOCs) WY refers to its definition in Chapter 3(6)(a), which adopts by reference the federal definition. Approvable	51.100(s)
<u>Chapter 6-Section 4(b)</u>	
4(b) (initial paragraph) Submitted language is same as the current EPA-approved SIP language. Approvable	NA
4(b)(i)	
4(b)(i)(A)(I) Submitted language includes: "An analysis of the impact of other pollutants may be required by the Administrator." This language is more stringent than federal language and is the same as the current EPA-approved SIP language. Approvable	51.166(c) -partially
4(b)(i)(A)(II) Approvable	51.166(f)(1)
4(b)(i)(A)(II)(1) thru (II)(5)(d) Submitted language is same as the current EPA-approved SIP language. Approvable	51.166((f)(1)(i) thru (1)(v) 51.166((f)(2) & (f)(4)(i) thru (f)(4)(iv)
4(b)(i)(B)(I) and (II) Approvable	51.166(o)(1) and (2)
4(b)(i)(C) (initial paragraph) & 4(b)(i)(C)(I) Approvable	51.166(i)(3) <i>Exemptions</i>
4(b)(i)(C)(II) Submitted language is same as the current EPA-approved SIP language. Approvable	51.166(i)(4)
4(b)(i)(D) - (initial paragraph) and 4(b)(i)(D)(I) and (II) Approvable	51.166(b)(1)(iii), (iii)(a) thru (aa)
4(b)(i)(D)(III) WY language contains the additional phrase “such other sources as the Council may later determine.” This phrase is broader than federal regulation, and is already in the current EPA-approved SIP. Approvable	No Equivalent Language
4(b)(i)(E), (E)(I) and (II) Approvable	51.166(m)(1) & (1)(a) and (b)
4(b)(i)(E)(III) Addresses only NAAQS pollutants. Submitted language is same as the current EPA-approved SIP language. Approvable	51.166(m)(1)(ii)
4(b)(i)(E)(IV) and (V) Approvable	51.166(m)(1)(iv) and 51.166(m)(3)
4(b)(i)(E)(VI) (initial paragraph) & 4(b)(i)(E)(VI)(1)(a) thru (j) Approvable	51.166(i)(5) - (initial paragraph), and 51.166(i)(5)(i) thru (iii)

4(b)(i)(E)(VI)(1)(e) <p>The Wyoming language in this provision is equivalent to EPA 51.166(i)(5)(i)(e) plus the content of footnote no 1, discussing the lack of <i>de minimis</i> air quality level for ozone. However, the Wyoming provision references a net increase of 100 tons per year of VOCs as the level triggering ambient impact analysis and monitoring requirements, while the footnote in the federal provision indicates that the same requirements are triggered by any net emissions of 100 tons per year of VOCs or Nox.</p> <p>Submitted provision is the same as the December 31, 2002 NSR Reform rule and the current EPA-approved SIP language. However, this provision was revised in November 29, 2005 (70 FR 71699) to add NOx, and EPA recommends that the State of Wyoming adopt this revised language in a future rulemaking.</p> <p>Approvable</p>	51.166(i)(5)(i)(e)
4(b)(i)(E)(VI)(1)(f) thru (j) <p>Approvable</p>	51.166(i)(5)(f) thru (j)
4(b)(i)(E)(VI)(2) and (3) <p>Approvable</p>	51.166(i)(5)(ii) and (iii)
4(b)(i)(F) <p>Submitted language is same as the current EPA-approved SIP language.</p> <p>Approvable</p>	NA
4(b)(i)(G) <p>Submitted language is same as the current EPA-approved SIP language, other than the word 'source' has replaced the word 'facility'.</p> <p>Approvable</p>	51.166(r)(2)
4(b)(i)(H) <p>The WY language omits the phrase "...there is a reasonable possibility that a project that is not part of a major modification may result in a significant emissions increase and" found in the federal regulations. The phrase "reasonable possibility" was remanded back to EPA by the June 2005 Court decision. WY's revision is more stringent, and therefore, approvable.*</p> <p>In addition, references to Clean Unit are omitted since they were vacated by the June 2005 Court decision and were removed by EPA from federal regulation on June 13, 2007 (see 72 FR 32526).</p> <p>Approvable</p> <p>*Note: EPA addressed in 2007 the Court remand on the "reasonable possibility" language omitted in the Wyoming SIP. On March 8, 2007 EPA proposed two alternative options to clarify what constitutes "reasonable possibility" (72 FR 10445). Based on the public comments received, EPA identifies in a December 21, 2007 final rulemaking the criteria triggering the "reasonable possibility" recordkeeping and reporting standard for the 2002 NSR reform rules (72 FR 72607). To make the State NSR SIP provisions consistent with the EPA December 21, 2007 rulemaking and maintain the current recordkeeping provisions of Chapter 6, Section 4(b)(i)(H)(I), Wyoming needs to submit a notice to EPA within 3 years to acknowledge that their regulations fulfill these requirements.</p>	51.166(r)(6)
4(b)(i)(H)(I)(1), (2) & (3) <p>Approvable</p>	51.166(r)(6)(i)(a), (b)&(c)
4(b)(i)(H)(II) <p>The federal provision applies only to electrical utility steam generating unit, while the WY language does not single out any specific sources. WY's revision is more stringent, and therefore, approvable.</p> <p>Approvable</p>	51.166(r)(6)(ii)
4(b)(i)(H)(III) <p>Approvable</p>	51.166(r)(6)(iii)
4(b)(i)(H)(IV) <p>The federal provision applies only to electrical utility steam generating unit, while the WY language does not single out any specific sources. WY's revision is more stringent, and</p>	51.166(r)(6)(iv)

therefore, approvable. Approvable	
4(b)(i)(I) Approvable	51.166(r)(7)
4(b)(i)(J)(I) Approvable	51.166(a)(7)(iv)(a)
4(b)(i)(J)(II) Approvable	51.166(a)(7)(iv)(b)
4(b)(i)(J)(III) Approvable	51.166(a)(7)(iv)(c)
4(b)(i)(J)(IV) Approvable	51.166(a)(7)(iv)(d)
4(b)(i)(J)(V) WY appropriately omits paragraphs related to Clean Units, which have been removed from federal regulation. Approvable	51.166(a)(7)(iv)(f)
4(b)(ii)	
4(b)(ii)(A) Submitted language is same as the current EPA-approved SIP language, other than the word ‘administrator’ has replaced the term ‘reviewing authority’, ‘stationary source’ has replaced ‘facility’ and ‘project’ has replaced ‘source’. Approvable	51.166(j)(1)&(2) 51.166(j)(4)
4(b)(ii)(B) Submitted language is same as the current EPA-approved SIP language, other than the term ‘emissions unit’ has replaced the word ‘source’ Approvable	51.166(j)(3)
4(b)(ii)(C)(I) Approvable	51.166(s)(1)
4(b)(ii)(C)(II) (initial paragraph) Approvable	51.166(s)(2) Initial paragraph
4(b)(ii)(C)(II)(1) Approvable	51.166(s)(2)(i)
4(b)(ii)(C)(II)(2) Approvable	51.166(s)(2)(ii)
4(b)(ii)(C)(II)(3) Approvable	51.166(s)(2)(iii)
4(b)(ii)(C)(II)(4) (initial paragraph) Approvable	51.166(s)(2)(iv) Initial paragraph
4(b)(ii)(C)(II)(4)(a) Approvable	51.166(s)(2)(iv)(a)
4(b)(ii)(C)(II)(4)(b) Approvable	51.166(s)(2)(vi)
4(b)(ii)(C)(II)(4)(c) Approvable	51.166(s)(2)(iv)(b)
4(b)(ii)(C)(II)(5) Approvable	51.166(s)(2)(v)
4(b)(ii)(C)(III) (initial paragraph) Approvable	51.166(s)(3) Initial paragraph
4(b)(ii)(C)(III)(1) Approvable	51.166(s)(3)(i)
4(b)(ii)(C)(III)(2) Approvable	51.166(s)(3)(ii)
4(b)(ii)(C)(III)(3) Approvable	51.166(s)(3)(iii)
4(b)(ii)(C)(IV) Approvable	51.166(s)(4)
4(b)(iii)	

4(b)(iii) Approvable	51.166(f)(iii)
4(b)(iv)	
4(b)(iv) This revised provision is identical the federal provision. Approvable	51.166(l)(1) and (2)
4(b)(v) Submitted language is same as the current EPA-approved SIP language, other than the word ‘source’ has replaced the term ‘major emitting facility’ and the word ‘facility’. Approvable	51.166(p)(4)
4(b)(vi)	
4(b)(vi)(A) Approvable	51.166(p)(3)
4(b)(vi)(B) Submitted language is same as the current EPA-approved SIP language Approvable	51.166(p)(3)
4(b)(vii) Approvable	51.166(p)(4) First part of text
4(b)(viii) Approvable	51.166(p)(4) Second part of text
4(b)(ix)	
4(b)(ix)(A) Approvable	51.166(p)(5)(i),(5) (ii), and (5)(iii)
4(b)(ix)(B) Approvable	51.166(p)(7)
4(b)(x)	51.166(i)(1)(iii)
4(b)(x)(A) Approvable	51.166(i)(1)(iii)(b)
4(b)(x)(B) Approvable	51.166(i)(1)(iii)(c)
4(b)(x)(C) Approvable	51.166(i)(1)(iii)(d)
4(b)(x)(D) Approvable	51.166(i)(1)(iii)(a)
4(b)(xi) Approvable	51.166(p)(1)
4(b)(xii) – (xiv) Sections have been reserved. (xii) – ‘Transition’ is now section (xvii). Sections (xiii) and (xiv) were not used in the current EPA-approved SIP. Approvable	NA
4(b)(xv) - Actuals PALs	
4(b)(xv)(A)(I) Approvable	51.166(w)(1)(i)
4(b)(xv)(A)(II) Approvable	51.166(w)(1)(ii)
4(b)(xv)(A)(II)(1) Approvable	51.166(w)(1)(ii)(a)
4(b)(xv)(A)(II)(2) Approvable	51.166(w)(1)(ii)(b)
4(b)(xv)(A)(II)(3) Approvable	51.166(w)(1)(ii)(c)
4(b)(xv)(A)(III) Approvable	51.166(w)(1)(iii)
6-4(b)(xv)(B) Approvable	51.166(w)(2)
Actuals PAL for a major stationary source Approvable	51.166(w)(2)(i)

Allowable emissions Approvable	51.166(w)(2)(ii)
Major emissions unit Approvable	51.166(w)(2)(iv)
PAL effective date Approvable	51.166(w)(2)(vi)
PAL effective period Approvable	51.166(w)(2)(vii)
PAL major modification Approvable	51.166(w)(2)(viii)
PAL permit Approvable	51.166(w)(2)(ix)
PAL pollutant Approvable	51.166(w)(2)(x)
Plantwide applicability limitation (PAL) Approvable	51.166(w)(2)(v)
Significant emissions unit Approvable	51.166(w)(2)(xi)
Small emissions unit Approvable	51.166(w)(2)(iii)
4(b)(xv)(C) Permit application requirements Approvable	51.166(w)(3)
4(b)(xv)(C)(I) Approvable	51.166(w)(3)(i)
4(b)(xv)(C)(II) Approvable	51.166(w)(3)(ii)
4(b)(xv)(C)(III) Approvable	51.166(w)(3)(iii)
4(b)(xv)(D) Approvable	51.166(w)(4)
4(b)(xv)(D)(I) Approvable	51.166(w)(4)(i)
4(b)(xv)(D)(I)(1) Approvable	51.166(w)(4)(i)(a)
4(b)(xv)(D)(I)(2) Approvable	51.166(w)(4)(i)(b)
4(b)(xv)(D)(I)(3) Approvable	51.166(w)(4)(i)(c)
4(b)(xv)(D)(I)(4) Approvable	51.166(w)(4)(i)(e)
4(b)(xv)(D)(I)(5) Approvable	51.166(w)(4)(i)(e)
4(b)(xv)(D)(I)(6) Approvable	51.166(w)(4)(i)(f)
4(b)(xv)(D)(I)(7) Approvable	51.166(w)(4)(i)(g)
4(b)(xv)(D)(II) Approvable	51.166(w)(4)(ii)
4(b)(xv)(E) Public participation requirements for PALs Approvable	51.166(w)(5)
4(b)(xv)(F) Approvable	51.166(w)(6)
4(b)(xv)(F)(I) Language is adopted in its entirety from the November 7, 2003 Reconsideration amendments (68 FR 63021, p. 63928) Approvable	51.166(w)(6)(i)
4(b)(xv)(F)(II) Approvable	51.166(w)(6)(ii)
4(b)(xv)(G)	51.166(w)(7)

Approvable	
4(b)(xv)(G)(I) Approvable	51.166(w)(7)(i)
4(b)(xv)(G)(II) Approvable	51.166(w)(7)(ii)
4(b)(xv)(G)(III) Approvable	51.166(w)(7)(iii)
4(b)(xv)(G)(IV) Approvable	51.166(w)(7)(iv)
4(b)(xv)(G)(V) Approvable	51.166(w)(7)(v)
4(b)(xv)(G)(VI) Approvable	51.166(w)(7)(vi)
4(b)(xv)(G)(VII) Approvable	51.166(w)(7)(vii)
4(b)(xv)(G)(VIII) Approvable	51.166(w)(7)(viii)
4(b)(xv)(G)(IX) Approvable	51.166(w)(7)(ix)
4(b)(xv)(G)(X) Approvable	51.166(w)(7)(x)
4(b)(xv)(H) Approvable	51.166(w)(8)
4(b)(xv)(H)(I) Approvable	51.166(w)(8)(i)
4(b)(xv)(H)(II) Approvable	51.166(w)(8)(ii)
4(b)(xv)(H)(II)(1) Approvable	51.166(w)(8)(ii)(a)
4(b)(xv)(H)(II)(1)(a) Approvable	51.166(w)(8)(ii)(a)(1)
4(b)(xv)(H)(II)(1)(b) Approvable	51.166(w)(8)(ii)(a)(2)
4(b)(xv)(H)(II)(1)(c) Approvable	51.166(w)(8)(ii)(a)(3)
4(b)(xv)(H)(II)(2) Approvable	51.166(w)(8)(ii)(b)
4(b)(xv)(H)(II)(2)(a) Approvable	51.166(w)(8)(ii)(b)(1)
4(b)(xv)(H)(II)(2)(b) Approvable	51.166(w)(8)(ii)(b)(2)
4(b)(xv)(H)(II)(2)(c) Approvable	51.166(w)(8)(ii)(b)(3)
4(b)(xv)(H)(II)(3) Approvable	51.166(w)(8)(ii)(c)
4(b)(xv)(I) Approvable	51.166(w)(9)
4(b)(xv)(I)(I) Approvable	51.166(w)(9)(i)
4(b)(xv)(I)(I)(1) Approvable	51.166(w)(9)(i)(a)
4(b)(xv)(I)(I)(2) Approvable	51.166(w)(9)(i)(b)
4(b)(xv)(I)(II) Approvable	51.166(w)(9)(ii)
4(b)(xv)(I)(III) Approvable	51.166(w)(9)(iii)
4(b)(xv)(I)(IV) Approvable	51.166(w)(9)(iv)

4(b)(xv)(I)(V) Approvable	51.166(w)(9)(v)
4(b)(xv)(J) Language is equivalent for all the sub-paragraphs. Approvable	51.166(w)(10)
4(b)(xv)(K)(I) Approvable	51.166(w)(11)(i)
4(b)(xv)(K)(I)(1) Approvable	51.166(w)(11)(i)(a)
4(b)(xv)(K)(I)(2) Approvable	51.166(w)(11)(i)(b)
4(b)(xv)(K)(I)(3) Approvable	51.166(w)(11)(i)(c)
4(b)(xv)(K)(I)(4) Approvable	51.166(w)(11)(i)(d)
4(b)(xv)(K)(II) Approvable	51.166(w)(11)(ii)
4(b)(xv)(K)(III) Approvable	51.166(w)(11)(iii)
4(b)(xv)(L) Approvable	51.166(w)(12)
4(b)(xv)(L)(I) Approvable	51.166(w)(12)(i)
4(b)(xv)(L)(I)(1) Approvable	51.166(w)(12)(i)(a)
4(b)(xv)(L)(I)(2) Approvable	51.166(w)(12)(i)(b)
4(b)(xv)(L)(I)(3) Approvable	51.166(w)(12)(i)(c)
4(b)(xv)(L)(I)(4) Approvable	51.166(w)(12)(i)(d)
4(b)(xv)(L)(II) Approvable	51.166(w)(12)(ii)
4(b)(xv)(L)(II)(1) Approvable	51.166(w)(12)(ii)(a)
4(b)(xv)(L)(II)(2) Approvable	51.166(w)(12)(ii)(b)
4(b)(xv)(L)(II)(3) Approvable	51.166(w)(12)(ii)(c)
4(b)(xv)(L)(II)(4) Approvable	51.166(w)(12)(ii)(d)
4(b)(xv)(L)(III) Approvable	51.166(w)(12)(iii)
4(b)(xv)(L)(III)(1) Approvable	51.166(w)(12)(iii)(a)
4(b)(xv)(L)(III)(2) Approvable	51.166(w)(12)(iii)(b)
4(b)(xv)(L)(III)(3) Approvable	51.166(w)(12)(iii)(c)
4(b)(xv)(L)(IV) Approvable	51.166(w)(12)(iv)
4(b)(xv)(L)(IV)(1) Approvable	51.166(w)(12)(iv)(a)
4(b)(xv)(L)(IV)(II) Approvable	51.166(w)(12)(iv)(b)
4(b)(xv)(L)(V) Approvable	51.166(w)(12)(v)
4(b)(xv)(L)(V)(1) Approvable	51.166(w)(12)(v)(a)

4(b)(xv)(L)(V)(II) Approvable	51.166(w)(12)(v)(b)
4(b)(xv)(L)(VI) Approvable	51.166(w)(12)(vi)
4(b)(xv)(L)(VI)(1) Approvable	51.166(w)(12)(vi)(a)
4(b)(xv)(L)(VI)(2) Approvable	51.166(w)(12)(vi)(b)
4(b)(xv)(L)(VI)(3) Approvable	51.166(w)(12)(vi)(c)
4(b)(xv)(L)(VII) Approvable	51.166(w)(12)(vii)
4(b)(xv)(L)(VIII) Approvable	51.166(w)(12)(viii)
4(b)(xv)(L)(VIII)(1) Approvable	51.166(w)(12)(viii)(a)
4(b)(xv)(L)(VIII)(2) Approvable	51.166(w)(12)(viii)(b)
4(b)(xv)(L)(IX) Approvable	51.166(w)(12)(ix)
4(b)(xv)(M) Approvable	51.166(w)(13)
4(b)(xv)(M)(I) Approvable	51.166(w)(13)(i)
4(b)(xv)(M)(II) Approvable	51.166(w)(13)(ii)
4(b)(xv)(M)(II)(1) Approvable	51.166(w)(13)(ii)(a)
4(b)(xv)(M)(II)(2) Approvable	51.166(w)(13)(ii)(b)
4(b)(xv)(N) Approvable	51.166(w)(14)
4(b)(xv)(N)(I) Approvable	51.166(w)(14)(i)
4(b)(xv)(N)(I)(1) Approvable	51.166(w)(14)(i)(a)
4(b)(xv)(N)(I)(2) Approvable	51.166(w)(14)(i)(b)
4(b)(xv)(N)(I)(3) Approvable	51.166(w)(14)(i)(c)
4(b)(xv)(N)(I)(4) Approvable	51.166(w)(14)(i)(d)
4(b)(xv)(N)(I)(5) Approvable	51.166(w)(14)(i)(e)
4(b)(xv)(N)(I)(6) Approvable	51.166(w)(14)(i)(f)
4(b)(xv)(N)(I)(7) Approvable	51.166(w)(14)(i)(g)
4(b)(xv)(N)(II) Approvable	51.166(w)(14)(ii)
4(b)(xv)(N)(II)(1) Approvable	51.166(w)(14)(ii)(a)
4(b)(xv)(N)(II)(2) Approvable	51.166(w)(14)(ii)(b)
4(b)(xv)(N)(II)(3) Approvable	51.166(w)(14)(ii)(c)
4(b)(xv)(N)(II)(4) Approvable	51.166(w)(14)(ii)(d)
4(b)(xv)(N)(III) Approvable	51.166(w)(14)(iii)

4(b)(xv)(O)(I) WY has omitted 'of EPA' from the use of the word 'Administrator'. It appears this omission was inadvertent since the term 'Administrator of EPA' is used in provision 4(b)(xv)(O)(II). Approvable	51.166(w)(15)(i)
4(b)(xv)(O)(II) In this provision, in a context very similar to 4(b)(xv)(O)(I), WY does use the term 'EPA Administrator'. Approvable	51.166(w)(15)(ii)
4(b)(xvi)	
4(b)(xvi) Approvable	51.166(x)
4(b)(xvii) Submitted language is same as the current EPA-approved SIP language Approvable	
4(b)(xvii)(A) Approvable	
4(b)(xvii)(B) Approvable	
4(b)(xvii)(C) Approvable	
4(b)(xvii)(D) Approvable	
4(b)(xvii)(E) Approvable	
4(b)(xvii)(F) Approvable	
4(b)(xvii)(G) Approvable	
4(b)(xvii)(H) Approvable	
4(b)(xvii)(I) Approvable	
4(c) Submitted language is same as the current EPA-approved SIP language. Approvable	51.166(g)(1)
4(d) Submitted language is same as the current EPA-approved SIP language. Approvable	